

APPENDIX E: MULTI-TX AND ANTENNA SAR CONSIDERATIONS

E.1 Introduction

The following procedures adopted from FCC KDB Publication 447498 D01v06 are applicable to devices with built-in unlicensed transmitters such as 802.11 and Bluetooth devices which may simultaneously transmit with the licensed transmitter.

E.2 Simultaneous Transmission Procedures

This device contains transmitters that may operate simultaneously. Therefore, simultaneous transmission analysis is required. Per FCC KDB Publication 447498 D01v06 and IEEE 1528-2013 Section 6.3.4.1.2, simultaneous transmission SAR test exclusion may be applied when the sum of the 1g SAR for all the simultaneous transmitting antennas in a specific physical test configuration is ≤ 1.6 W/kg. The different test positions in an exposure condition may be considered collectively to determine SAR test exclusion according to the sum of 1g or 10g SAR.

In 5G + LTE + WLAN + BT simultaneous transmission, WWAN transmission is managed and controlled by MediaTek TAS (TA-SAR/TA-PD) feature.

Since WLAN/BT does not employ time-averaging, 1g SAR measurements for WLAN/BT need to be conducted at their corresponding rated power following current FCC test procedures to determine reported SAR values.

MediaTek TAS (TA-SAR/TA-PD) current implementation assumes hotspots from 5G NR and UMTS/LTE are collocated. Therefore, for a total of 100% exposure margin, if UMTS/LTE uses x , then the exposure margin left for 5G NR is capped to y . Thus, the compliance equation for 5G + UMTS/LTE + WLAN + BT is

$$\begin{aligned}x * A + y * B + m &\leq 1 \\x + y &= g \leq 1 \\g + m &\leq 1\end{aligned}$$

Where, A is normalized reported time-averaged SAR exposure ratio from UMTS/LTE, and $A \leq 1.0$; B is normalized reported time-averaged exposure ratio from 5G NR, and $B \leq 1.0$. Let m = normalized reported time-averaged SAR exposure ratio from WLAN + BT, then for compliance

$$\begin{aligned}x * A + y * B + m &\leq 1 \quad (1) \\x * A + y * B &\leq x * \max(A, B) + (g - x) * \max(A, B) \leq \max(A, B) \\x * A + (g - x) * B + m &\leq \max(A, B) + m \leq 1.0 \quad (2)\end{aligned}$$

If $A + m \leq 1.0$ and $B + m \leq 1.0$ can be proven, then “ $x * A + y * B + m \leq 1.0$ ”. Therefore, simultaneous transmission analysis for 5G NR + LTE + WLAN + BT can be performed in two steps.

Step 1: Prove total exposure ratio (TER) of UMTS/LTE + WLAN + BT < 1

Step 2: Prove total exposure ratio (TER) of 5G NR + WLAN + BT < 1

Else, if $A + m > 1.0$ and/or $B + m > 1.0$, then the following need to hold true for compliance:

- i. A and m need to be checked if decoupled based on SPLSR criteria
- ii. $y * B + m \leq 1.0$ (or B and m need to be checked if decoupled based on SPLSR, and

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iii. $x * A + y * B \leq 1.0$

Note iii is covered in Part 2 report; I, and ii are covered in the Part 1 report. Above analysis is also apply to LTE/NR inter band uplink, LTE(NR)1 + LTE(NR)2 + WLAN + BT simultaneous transmission, so inter-band uplink CA no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of LTE/NR + WLAN + BT < 1. Above analysis is also apply to NR band UL MIMO, NR(SISO1) + NR(SISO2) + WLAN + BT simultaneous transmission, So UL MIMO no need to do additional simultaneously analysis again. Only required comply with total exposure ratio (TER) of NR + WLAN + BT < 1.

E.3 Tablet Power Density Theoretical Calculations

Table E-1
Worst Case PD Theoretical Exposure

PD Antennas - Theoretical Worst Case					
Antenna	PD Design Target (W/m ²)	PD Uncertainty (dB)	Permanent Back off (dB)	PD Limit (W/m ²)	Theoretical Ratio to Limit
L	7.41	1.3	3.6	10	0.436
K	7.41	1.3	1.1	10	0.776

Table E-2
PD Theoretical Exposure per Position at 2mm

PD Antennas - 2mm theoretical per position					
Antenna L					
Back	Front	Top	Bottom	Right	Left
0.436	0.040	0.008	0.218	0.099	0.002
Antenna K					
Back	Front	Top	Bottom	Right	Left
0.047	0.776	0.048	0.010	0.564	0.007

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E.4 Tablet UMTS/LTE Simultaneous Analysis

Table E-3
UMTS/LTE Highest Adjusted SAR

Body	Configuration	UMTS/LTE SAR (W/kg)			UMTS/LTE Max
		M1	S2	S4	
	Back	0.618	0.768	0.908	0.908
	Top	0.830	0.400*	0.400*	0.830
	Bottom	0.400*	0.796	0.539	0.796
	Right	0.821	0.476	0.217	0.821
	Left	0.454	0.227	0.739	0.739

Body	Configuration	UMTS/LTE Ratio to Limit			UMTS/LTE Max
		M1	S2	S4	
	Back	0.386	0.480	0.568	0.568
	Top	0.519	0.250	0.250	0.519
	Bottom	0.250	0.498	0.337	0.498
	Right	0.513	0.298	0.136	0.513
	Left	0.284	0.142	0.462	0.462

* When the antenna separation distance was > 50 mm, an estimated SAR of 0.4 W/kg was used to determine the simultaneous transmission SAR exclusion for test positions excluded per FCC KDB Publication 447498 D01v06

Table E-4
Simultaneous Transmission Scenarios of WLAN/BT

[illegible]

Values with * were tested at a higher, more conservative power level.

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UMTS/LTE Simultaneous Sums

Body	Configuration	Ant M1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit	Ant M1 + WLAN/BT Ratio to Limit
	Back	0.386	0.606	0.992
	Top	0.519	0.213	0.732
	Bottom	0.250	0.151	0.401
	Right	0.513	0.434	0.947
	Left	0.284	0.473	0.757

Configuration	Ant 1 Rx to Lant	Ant 2 Rx to Lant	Ant 3 Rx to Lant	Ant 4 Rx to Lant	Ant 5 Rx to Lant	Ant 6 Rx to Lant	Ant 7 Rx to Lant	Ant 8 Rx to Lant	Ant 9 Rx to Lant	Ant 10 Rx to Lant	Ant 11 Rx to Lant	Ant 12 Rx to Lant	Ant 13 Rx to Lant	Ant 14 Rx to Lant	Ant 15 Rx to Lant	Ant 16 Rx to Lant	Ant 17 Rx to Lant	Ant 18 Rx to Lant	Ant 19 Rx to Lant	Ant 20 Rx to Lant	Ant 21 Rx to Lant	Ant 22 Rx to Lant	Ant 23 Rx to Lant	Ant 24 Rx to Lant	Ant 25 Rx to Lant	Ant 26 Rx to Lant	Ant 27 Rx to Lant	Ant 28 Rx to Lant	Ant 29 Rx to Lant	Ant 30 Rx to Lant	Ant 31 Rx to Lant	Ant 32 Rx to Lant	Ant 33 Rx to Lant	Ant 34 Rx to Lant	Ant 35 Rx to Lant	Ant 36 Rx to Lant	Ant 37 Rx to Lant	Ant 38 Rx to Lant	Ant 39 Rx to Lant	Ant 40 Rx to Lant	Ant 41 Rx to Lant	Ant 42 Rx to Lant	Ant 43 Rx to Lant	Ant 44 Rx to Lant	Ant 45 Rx to Lant	Ant 46 Rx to Lant	Ant 47 Rx to Lant	Ant 48 Rx to Lant	Ant 49 Rx to Lant	Ant 50 Rx to Lant	Ant 51 Rx to Lant	Ant 52 Rx to Lant	Ant 53 Rx to Lant	Ant 54 Rx to Lant	Ant 55 Rx to Lant	Ant 56 Rx to Lant	Ant 57 Rx to Lant	Ant 58 Rx to Lant	Ant 59 Rx to Lant	Ant 60 Rx to Lant	Ant 61 Rx to Lant	Ant 62 Rx to Lant	Ant 63 Rx to Lant	Ant 64 Rx to Lant	Ant 65 Rx to Lant	Ant 66 Rx to Lant	Ant 67 Rx to Lant	Ant 68 Rx to Lant	Ant 69 Rx to Lant	Ant 70 Rx to Lant	Ant 71 Rx to Lant	Ant 72 Rx to Lant	Ant 73 Rx to Lant	Ant 74 Rx to Lant	Ant 75 Rx to Lant	Ant 76 Rx to Lant	Ant 77 Rx to Lant	Ant 78 Rx to Lant	Ant 79 Rx to Lant	Ant 80 Rx to Lant	Ant 81 Rx to Lant	Ant 82 Rx to Lant	Ant 83 Rx to Lant	Ant 84 Rx to Lant	Ant 85 Rx to Lant	Ant 86 Rx to Lant	Ant 87 Rx to Lant	Ant 88 Rx to Lant	Ant 89 Rx to Lant	Ant 90 Rx to Lant	Ant 91 Rx to Lant	Ant 92 Rx to Lant	Ant 93 Rx to Lant	Ant 94 Rx to Lant	Ant 95 Rx to Lant	Ant 96 Rx to Lant	Ant 97 Rx to Lant	Ant 98 Rx to Lant	Ant 99 Rx to Lant	Ant 100 Rx to Lant	Ant 101 Rx to Lant	Ant 102 Rx to Lant	Ant 103 Rx to Lant	Ant 104 Rx to Lant	Ant 105 Rx to Lant	Ant 106 Rx to Lant	Ant 107 Rx to Lant	Ant 108 Rx to Lant	Ant 109 Rx to Lant	Ant 110 Rx to Lant	Ant 111 Rx to Lant	Ant 112 Rx to Lant	Ant 113 Rx to Lant	Ant 114 Rx to Lant	Ant 115 Rx to Lant	Ant 116 Rx to Lant	Ant 117 Rx to Lant	Ant 118 Rx to Lant	Ant 119 Rx to Lant	Ant 120 Rx to Lant	Ant 121 Rx to Lant	Ant 122 Rx to Lant	Ant 123 Rx to Lant	Ant 124 Rx to Lant	Ant 125 Rx to Lant	Ant 126 Rx to Lant	Ant 127 Rx to Lant	Ant 128 Rx to Lant	Ant 129 Rx to Lant	Ant 130 Rx to Lant	Ant 131 Rx to Lant	Ant 132 Rx to Lant	Ant 133 Rx to Lant	Ant 134 Rx to Lant	Ant 135 Rx to Lant	Ant 136 Rx to Lant	Ant 137 Rx to Lant	Ant 138 Rx to Lant	Ant 139 Rx to Lant	Ant 140 Rx to Lant	Ant 141 Rx to Lant	Ant 142 Rx to Lant	Ant 143 Rx to Lant	Ant 144 Rx to Lant	Ant 145 Rx to Lant	Ant 146 Rx to Lant	Ant 147 Rx to Lant	Ant 148 Rx to Lant	Ant 149 Rx to Lant	Ant 150 Rx to Lant	Ant 151 Rx to Lant	Ant 152 Rx to Lant	Ant 153 Rx to Lant	Ant 154 Rx to Lant	Ant 155 Rx to Lant	Ant 156 Rx to Lant	Ant 157 Rx to Lant	Ant 158 Rx to Lant	Ant 159 Rx to Lant	Ant 160 Rx to Lant	Ant 161 Rx to Lant	Ant 162 Rx to Lant	Ant 163 Rx to Lant	Ant 164 Rx to Lant	Ant 165 Rx to Lant	Ant 166 Rx to Lant	Ant 167 Rx to Lant	Ant 168 Rx to Lant	Ant 169 Rx to Lant	Ant 170 Rx to Lant	Ant 171 Rx to Lant	Ant 172 Rx to Lant	Ant 173 Rx to Lant	Ant 174 Rx to Lant
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Note: Bolded values represent the highest sums for their respective edges.

	Antenna Pair	Standalone Values		Standalone Sum	Peak Separation Distance (mm)	SPLS Ratio	Plot Number
		Exposure Ratio (ER)	Exposure Ratio (ER)				
Ant S2 + 2.4 GHz Bluetooth Ant WFI 1 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	Ant "a"	Ant "b"	a	b	a+b	D _{0, a}	(a+b) ² /D _{0, a}
	LTE Band 66 (AWS) Ant S2	2.4 GHz Bluetooth Ant WFI 1	0.477	0.084	0.561	284.21	0.00
	LTE Band 25 (PCS) Ant S2	2.4 GHz Bluetooth Ant WFI 1	0.480	0.084	0.564	278.03	0.00
	LTE Band 30 Ant S2	2.4 GHz Bluetooth Ant WFI 1	0.311	0.084	0.395	281.48	0.00
	LTE Band 7 Ant S2	2.4 GHz Bluetooth Ant WFI 1	0.396	0.084	0.48	280.32	0.00
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 1)	0.477	0.510	0.987	296.05	0.00
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 1)	0.480	0.510	0.99	291.12	0.00
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 1)	0.311	0.510	0.821	294.37	0.00
	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 1)	0.396	0.510	0.906	293.87	0.00
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 2)	0.477	0.085	0.562	281.97	0.00
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 2)	0.480	0.085	0.565	275.80	0.00
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 2)	0.311	0.085	0.396	279.25	0.00
Ant S2 + 2.4 GHz Bluetooth Ant WFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 2)	0.396	0.085	0.481	278.10	0.00
	6 GHz WLAN MIMO (Peak 1)	2.4 GHz Bluetooth Ant WFI 1	0.510	0.084	0.594	171.12	0.00
	6 GHz WLAN MIMO (Peak 2)	2.4 GHz Bluetooth Ant WFI 1	0.085	0.084	0.169	3.16	0.02
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	0.477	0.606	1.083	296.05	0.00
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	0.480	0.606	1.086	291.12	0.00
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	0.311	0.606	0.917	294.37	0.00
	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	0.396	0.606	1.002	293.87	0.00
	6 GHz WLAN MIMO (Peak 2)	2.4 GHz Bluetooth Ant WFI 0	0.085	0.096	0.181	174.48	0.00
	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	2.4 GHz Bluetooth Ant WFI 1	0.606	0.162	0.768	172.07	0.00
	LTE Band 66 (AWS) Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WFI 1 Co-located	0.477	0.201	0.678	281.97	0.00
	LTE Band 25 (PCS) Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WFI 1 Co-located	0.480	0.201	0.681	275.80	0.00
	LTE Band 30 Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WFI 1 Co-located	0.311	0.201	0.512	279.25	0.00
Ant S2 + 2.4 GHz Bluetooth Ant WFI 0 at 6.5 dBm + 2.4 GHz WLAN Ant WFI 1 at 9 dBm + 6 GHz WLAN MIMO at 4.5 dBm	LTE Band 7 Ant S2	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WFI 1 Co-located	0.396	0.201	0.597	278.10	0.00
	2.4 GHz Bluetooth Ant WFI 0	6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WFI 1 Co-located	0.096	0.201	0.297	148.48	0.00
	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 1 Co-located	0.568	0.338	0.906	289.32	0.00
	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 1)	0.568	0.407	0.975	264.88	0.00
	2.4 GHz Bluetooth Ant WFI 1	5 GHz WLAN MIMO (Peak 1)	0.084	0.407	0.491	169.96	0.00
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1)	0.568	0.510	1.078	274.47	0.00
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2)	0.568	0.085	0.653	294.12	0.00
	LTE Band 48 Ant S4	2.4 GHz Bluetooth Ant WFI 1	0.568	0.084	0.652	296.74	0.00
	2.4 GHz Bluetooth Ant WFI 1	6 GHz WLAN MIMO (Peak 1)	0.084	0.510	0.594	171.12	0.00
	2.4 GHz Bluetooth Ant WFI 1	6 GHz WLAN MIMO (Peak 2)	0.084	0.085	0.169	3.16	0.02
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	0.568	0.606	1.174	274.47	0.00
	LTE Band 48 Ant S4	5 GHz WLAN MIMO (Peak 2)	0.568	0.254	0.822	289.32	0.00
Ant S4 + 2.4 GHz Bluetooth Ant WFI 0 at 6.5 dBm + 6 GHz WLAN MIMO at 8.5 dBm	2.4 GHz Bluetooth Ant WFI 0	5 GHz WLAN MIMO (Peak 2)	0.096	0.254	0.35	177.08	0.00
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WFI 0 Co-located	0.568	0.606	1.174	274.47	0.00
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 2)	0.568	0.085	0.653	294.12	0.00
	2.4 GHz Bluetooth Ant WFI 0	6 GHz WLAN MIMO (Peak 2)	0.096	0.085	0.181	174.48	0.00
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + 2.4 GHz WLAN MIMO (Peak 1) Co-located	0.568	0.458	1.026	274.47	0.00
	LTE Band 48 Ant S4	6 GHz WLAN MIMO (Peak 1) + 2.4 GHz WLAN MIMO (Peak 2) Co-located	0.568	0.458	1.026	274.47	0.00
	2.4 GHz WLAN MIMO (Peak 1)	6 GHz WLAN MIMO (Peak 2)	0.165	0.085	0.25	174.48	0.00
	2.4 GHz WLAN MIMO (Peak 2)	6 GHz WLAN MIMO (Peak 1)	0.186	0.510	0.696	170.17	

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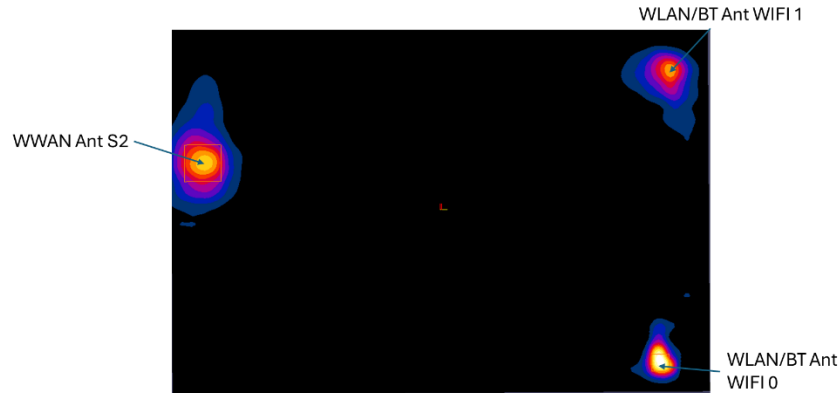


Figure E-1
Tablet Back Side Antenna S2 SAR to Peak Location Separation Ratio Plot



Figure E-2
Tablet Back Side Antenna S4 SAR to Peak Location Separation Ratio Plot

Notes:

1. For all combinations where the sum of WWAN+WLAN+BT is less than 1, there's no further analysis required for compliance demonstration.
2. No evaluation was performed to determine the aggregate 1g SAR for these configurations as the SPLS ratio between the antenna pairs was not greater than 0.02 per FCC 447498 D04v01. Please see the Highest Reported SAR and Hotspot Location Section for axis peak locations.

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E.5 Tablet NR Simultaneous Analysis

Table E-6
NR Highest Adjusted Ratio to Limit

Body	Configuration	NR SAR (W/kg)						Max NR
		M1	S2	S4	M2	S3	S1	
	Back	0.699	0.481	0.546	0.450	0.452	0.713	0.713
Body	Top	0.867	0.400*	0.400*	0.400*	0.115	0.400*	0.867
	Bottom	0.400*	0.734	0.477	0.193	0.400*	0.167	0.734
	Right	0.706	0.526	0.068	0.011	0.000	0.344	0.706
	Left	0.476	0.053	0.184	0.535	0.890	0.001	0.890

Body	Configuration	NR Ratio to Limit								Max NR Ratio to Limit
		M1	S2	S4	M2	S3	S1	K	L	
	Back	0.437	0.301	0.341	0.281	0.283	0.446	0.047	0.436	0.446
	Front	-	-	-	-	-	-	0.776	0.040	0.776
	Top	0.542	0.250	0.250	0.250	0.072	0.250	0.048	0.008	0.542
	Bottom	0.250	0.459	0.298	0.121	0.250	0.104	0.010	0.218	0.459
	Right	0.441	0.329	0.043	0.007	0.000	0.215	0.564	0.099	0.564
	Left	0.298	0.033	0.115	0.334	0.556	0.001	0.007	0.002	0.556

* When the antenna separation distance was > 50 mm, an estimated SAR of 0.4 W/kg was used to determine the simultaneous transmission SAR exclusion for test positions excluded per FCC KDB Publication 447498 D01v06

Table E-7
Simultaneous Transmission Scenarios of WLAN/BT when NR Active

Configuration	2.4 GHz WLAN Ant WiFi 0 SAR (W/kg)		2.4 GHz WLAN Ant WiFi 1 at 11 dBm SAR (W/kg)		2.4 GHz WLAN Ant WiFi 1 at 9 dBm SAR (W/kg)		2.4 GHz WLAN MIMO SAR (W/kg)		2.4 GHz WLAN MIMO at 14 dBm SAR (W/kg)		2.4 GHz WLAN MIMO at 12 dBm SAR (W/kg)		5 GHz WLAN Ant WiFi 0 SAR (W/kg)		5 GHz WLAN Ant WiFi 0 at 7 dBm SAR (W/kg)		5 GHz WLAN Ant WiFi 1 at 7 dBm SAR (W/kg)		5 GHz WLAN MIMO SAR (W/kg)		5 GHz WLAN MIMO at 10 dBm SAR (W/kg)		5 GHz WLAN MIMO at 8.5 dBm SAR (W/kg)		6 GHz WLAN Ant WiFi 0 SAR (W/kg)		6 GHz WLAN Ant WiFi 0 at 5.5 dBm SAR (W/kg)		6 GHz WLAN Ant WiFi 1 SAR (W/kg)		6 GHz WLAN Ant WiFi 1 at 5.5 dBm SAR (W/kg)		6 GHz WLAN MIMO SAR (W/kg)		6 GHz WLAN MIMO at 8.5 dBm SAR (W/kg)		6 GHz WLAN MIMO at 4.5 dBm SAR (W/kg)		2.4 GHz Bluetooth Ant WiFi 0 SAR (W/kg)		2.4 GHz Bluetooth Ant WiFi 0 at 6.5 dBm SAR (W/kg)		2.4 GHz Bluetooth Ant WiFi 1 SAR (W/kg)		2.4 GHz Bluetooth Ant WiFi 1 at 6.5 dBm SAR (W/kg)																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
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Note: Front side WLAN/BT was excluded per FCC KDB Publication 616217 D04v01r01.

Table E-8
NR Simultaneous Sums

Body	Configuration	NR Ratio to Limit	WLAN/BT Worst-case Combination with NR Active Ratio to Limit	NR SAR + WLAN/BT with NR Active Ratio to Limit
	Back	0.446	0.550	0.996
	Front	0.776	-	0.776
	Top	0.542	0.213	0.755
	Bottom	0.459	0.151	0.610
	Right	0.564	0.434	0.998
	Left	0.556	0.428	0.984

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E.6 Laptop Simultaneous Analysis

Table E-9
UMTS/LTE Highest Adjusted SAR and Ratio to Limit

Laptop SAR	Configuration	UMTS/LTE SAR (W/kg)			UMTS/LTE Max SAR (W/kg)
		M1	S2	S4	
	Bottom	0.277	0.141	0.402	0.402
Laptop	Configuration	UMTS/LTE Ratio to Limit			UMTS/LTE Max Ratio to Limit
		M1	S2	S4	
	Bottom	0.173	0.088	0.251	0.251

Table E-10
NR Highest Adjusted SAR and Ratio to Limit

Laptop	Configuration	NR SAR (W/kg)						Max NR
		M1	S2	S4	M2	S3	S1	
	Bottom	0.263	0.018	0.154	0.264	0.245	0.000	0.264
Laptop	Configuration	NR Ratio to Limit						Max NR
		M1	S2	S4	M2	S3	S1	
	Bottom	0.164	0.011	0.096	0.165	0.153	0.000	0.165

Table E-11
Simultaneous Transmission Scenarios of WLAN/BT

Configuration		2.4 GHz WLAN Ant WIFI 0 SAR (W/kg)	2.4 GHz WLAN Ant WIFI 1 SAR (W/kg)	2.4 GHz WLAN MIMO SAR (W/kg)	5 GHz WLAN Ant WIFI 0 SAR (W/kg)	5 GHz WLAN Ant WIFI 1 SAR (W/kg)	5 GHz WLAN MIMO SAR (W/kg)	6 GHz WLAN Ant WIFI 0 SAR (W/kg)	6 GHz WLAN Ant WIFI 1 SAR (W/kg)	6 GHz WLAN MIMO SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 0 SAR (W/kg)	2.4 GHz Bluetooth Ant WIFI 1 SAR (W/kg)							
Bottom		0.157	0.005	0.191	0.373	0.054	0.371	0.157	0.015	0.415	0.075	0.000							
Configuration		2.4 GHz WLAN Ant WIFI 0 Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN Ant WIFI 0 Ratio to Limit	5 GHz WLAN Ant WIFI 1 Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN Ant WIFI 0 Ratio to Limit	6 GHz WLAN Ant WIFI 1 Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 Ratio to Limit							
		1	2	3	4	5	6	7	8	9	10	11							
Bottom		0.098	0.003	0.119	0.233	0.034	0.232	0.098	0.009	0.259	0.047	0.000							
Configuration	2.4 GHz Bluetooth Ant WIFI 1 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 + 6 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 1 + 5 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 + 6 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO + 6 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO + 5 GHz WLAN MIMO Ratio to Limit	2.4 GHz WLAN MIMO Ratio to Limit	6 GHz WLAN MIMO Ratio to Limit	5 GHz WLAN MIMO Ratio to Limit	2.4 GHz Bluetooth Ant WIFI 0 + 2.4 GHz WLAN Ant WIFI 1 + 6 GHz WLAN MIMO Ratio	2.4 GHz Bluetooth Ant WIFI 0 + 2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	2.4 GHz WLAN Ant WIFI 0 Ratio to Limit	2.4 GHz WLAN Ant WIFI 1 Ratio to Limit	5 GHz WLAN Ant WIFI 0 Ratio to Limit	5 GHz WLAN Ant WIFI 1 Ratio to Limit	6 GHz WLAN Ant WIFI 0 Ratio to Limit	6 GHz WLAN Ant WIFI 1 Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit
	11	11+9	11+6	10	10+9	10+6	10+8	10+5	3	6	10+2+6	10+2+9	10+2	10+9	10+6	10+5	10+2+5	10+2+6	10+2+9
Bottom	0.000	0.009	0.022	0.047	0.036	0.279	0.379	0.351	0.119	0.259	0.232	0.359	0.098	0.003	0.233	0.034	0.008	0.009	0.379

Table E-12
Simultaneous Sums

Laptop	Configuration	UMTS/LTE Ratio to Limit	NR Ratio to Limit	WLAN/BT Worst-case Combination Ratio to Limit	UMTS/LTE + WLAN/BT Ratio to Limit	NR + WLAN/BT Ratio to Limit
	Bottom	0.251	0.165	0.379	0.630	0.544

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E.7 Highest Reported SAR, Exposure Ratio, and SAR Hotspot Locations

Table E-13
Tablet Back Side Peak Coordinates

Mode/Band	Antenna	x (mm)	y (mm)	Reported SAR (W/kg)	SAR/SAR Limit (ER)
LTE Band 66 (AWS)	S2	-28.50	-142.50	0.763	0.477
LTE Band 25 (PCS)	S2	-30.00	-136.50	0.768	0.48
LTE Band 30	S2	-30.00	-140.00	0.498	0.311
LTE Band 7	S2	-31.00	-139.00	0.633	0.396
LTE Band 48	S4	29.00	-139.00	0.908	0.568
2.4 GHz WLAN	WIFI 1	-81.00	136.00	0.259	0.162
5 GHz WLAN MIMO (Peak 1)	MIMO	89.00	119.00	0.651	0.407
5 GHz WLAN MIMO (Peak 2)	MIMO	-80.00	129.00	0.406	0.254
6 GHz WLAN MIMO (Peak 1)	MIMO	90.90	128.40	0.816	0.51
6 GHz WLAN MIMO (Peak 2)	MIMO	-77.40	135.20	0.136	0.085
2.4 GHz Bluetooth	WIFI 0	97.00	130.00	0.153	0.096
2.4 GHz Bluetooth	WIFI 1	-80.00	137.00	0.135	0.084
6 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	WIFI 0	90.90	128.40	0.969	0.606
6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	WIFI 1	-77.40	135.20	0.322	0.201
5 GHz WLAN MIMO (Peak 1) + Bluetooth Ant WIFI 0 Co-Located	WIFI 0	89.00	119.00	0.804	0.503
5 GHz WLAN MIMO (Peak 2) + Bluetooth Ant WIFI 1 Co-Located	WIFI 1	-80.00	129.00	0.541	0.338
2.4 GHz WLAN MIMO (Peak 1)	MIMO	97.00	130.00	0.264	0.165
2.4 GHz WLAN MIMO (Peak 2)	MIMO	-79.00	138.00	0.297	0.186
6 GHz WLAN MIMO (Peak 1) + 2.4 GHz WLAN MIMO (Peak 1) Co-Located	WIFI 0	90.90	128.40	0.732	0.458
6 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN MIMO (Peak 2) Co-Located	WIFI 1	-77.40	135.20	0.360	0.225
5 GHz WLAN MIMO (Peak 2) + 2.4 GHz WLAN Ant WIFI 1 Co-Located	WIFI 1	-80.00	129.00	0.490	0.306
WIFI 6 GHz WLAN	WIFI 1	-77.40	135.20	0.709	0.443

E.8 Conclusion

The above numerical summed TER results and SPLSR are sufficient to show that simultaneous transmission cases will not exceed the SAR and PD limit and therefore no further analysis is required per FCC KDB Publication 447498 D04v01 and IEEE 1528- 2013 Section 6.3.4.1.

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APPENDIX F: POWER REDUCTION VERIFICATION

Per FCC KDB Publication 616217 D04v01r02, demonstration of proper functioning of the power reduction mechanisms is required to support the corresponding SAR configurations. The verification process was divided into two parts: (1) evaluation of output power levels for individual or multiple triggering mechanisms and (2) evaluation of the triggering distances for proximity-based sensors.

F.1 Power Verification Procedure

The power verification was performed according to the following procedure:

1. A base station simulator was used to establish a conducted RF connection and the output power was monitored. The power measurements were confirmed to be within expected tolerances for all states before and after a power reduction mechanism was triggered.
2. Step 1 was repeated for all relevant modes and frequency bands for the mechanism being investigated.
3. Steps 1 and 2 were repeated for all individual power reduction mechanisms and combinations thereof. For the combination cases, one mechanism was switched to a 'triggered' state at a time; powers were confirmed to be within tolerances after each additional mechanism was activated.

F.2 Distance Verification Procedure

The distance verification procedure was performed according to the following procedure:

1. A base station simulator was used to establish an RF connection and to monitor the power levels. The device being tested was placed below the relevant section of the phantom with the relevant side or edge of the device facing toward the phantom.
2. The device was moved toward and away from the phantom to determine the distance at which the mechanism triggers and the output power is reduced, per KDB Publication 616217 D04v01r02 and FCC Guidance. Each applicable test position was evaluated. The distances were confirmed to be the same or larger (more conservative) than the minimum distances provided by the manufacturer. Triggering states within ± 5 mm of the triggering distance, moving towards and away from the phantom, are tabulated below. The influence of table tilt angles to proximity sensor triggering was also evaluated at the smallest sensor triggering distance by rotating the device the edge next to the phantom in 10 degree increments between ± 45 degrees.
3. Steps 1 and 2 were repeated for low, mid, high, and ultra-high bands, as appropriate (see first note under section F.3 for more details).
4. Steps 1 through 3 were repeated for all distance-based power reduction mechanisms.

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F.3 Main Antenna Verification Summary

- Low band refers to: GSM850, UMTS B5, LTE B5/12/13/14/26/71, NR 5/12/26/71; Mid band refers to: GSM1900, UMTS B2/4, LTE B2/4/25/66, NR n25/66/70; High band refers to: LTE B7/30/38/41; Ultra High Band refers to: LTE B48, NR n48/77
- This device uses different Exposure Condition Indices (ECI) to configure different time averaged power levels based on certain exposure scenarios. For this device ECI = 0 is configured when the device's grip sensors are not triggered. ECI = 1 represents the case where the device grip sensors are triggered. ECI = 2 represents the case where grip sensor #3 is triggered for antenna M1.
- Note: Antennas S1 and S3 were not evaluated due to equipment limitations.

Table F-1
Power Measurement Verification for Main Antenna M1

Mechanism(s)		Mode/Band	Exposure Condition Index (ECI)		
1st	2nd		Free Space	Mechanism #1 (Grip #2)	Mechanism #2 (Grip #3)
Grip		Low Band Ant M1	0	1	
Grip	Grip	Mid Band Ant M1	0	1	2
Grip	Grip	High Band Ant M1	0	1	2

Table F-2
Power Measurement Verification for Main Antenna M2

Mechanism(s)	Mode/Band	Exposure Condition Index (ECI)	
1st		Free Space	Mechanism #1 (Grip #6)
Grip	Ultra High Band Ant M2	0	1

Table F-3
Power Measurement Verification for Sub Antenna S2

Mechanism(s)	Mode/Band	Exposure Condition Index (ECI)	
1st		Free Space	Mechanism #1 (Grip #5)
Grip	Mid Band Ant S2	0	1
Grip	High Band Ant S2	0	1

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Table F-4
Power Measurement Verification for Sub Antenna S4

Mechanism(s)	Mode/Band	Exposure Condition Index (ECI)	
1st		Free Space	Mechanism #1 (Grip #5)
Grip	Ultra High Band Ant S4	0	1

F.4 WIFI Verification Summary

Table F-5
Power Measurement Verification WIFI – Antenna WIFI 0

Mechanism(s)	Mode/Band	Conducted Powers	
1st		Un-triggered (Max)	Mechanism #1 (Grip Sensor #1 Active)
Grip	802.11b	18.25	10.88
Grip	802.11g	17.21	11.36
Grip	802.11n (2.4GHz)	17.17	10.92
Grip	802.11ax (2.4GHz)	14.72	11.40
Grip	802.11a	15.51	6.10
Grip	802.11n (5GHz, 20MHz BW)	15.35	6.21
Grip	802.11n (5GHz, 40MHz BW)	15.64	6.55
Grip	802.11ac (20MHz BW)	15.36	6.31
Grip	802.11ac (40MHz BW)	14.88	6.43
Grip	802.11ac (80MHz BW)	12.39	6.30
Grip	802.11ac (160MHz BW)	11.01	5.99
Grip	802.11ax (20MHz BW)	9.21	6.83
Grip	802.11ax (40MHz BW)	9.32	6.77
Grip	802.11ax (80MHz BW)	9.53	6.68
Grip	802.11ax (160MHz BW)	9.90	6.52

*Note: MIMO WIFI modes were not evaluated due to equipment limitations.

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Table F-6
Power Measurement Verification for WIFI – Antenna WIFI 1

Mechanism(s)	Mode/Band	Conducted Powers	
1st		Un-triggered (Max)	Mechanism #1 (Grip Sensor #3 Active)
Grip	802.11b	18.91	11.78
Grip	802.11g	17.48	11.52
Grip	802.11n (2.4GHz)	17.50	11.48
Grip	802.11ax (2.4GHz)	14.55	11.52
Grip	802.11a	15.88	6.89
Grip	802.11n (5GHz, 20MHz BW)	15.79	6.90
Grip	802.11n (5GHz, 40MHz BW)	15.15	6.33
Grip	802.11ac (20MHz BW)	15.63	6.69
Grip	802.11ac (40MHz BW)	13.46	7.02
Grip	802.11ac (80MHz BW)	11.52	7.20
Grip	802.11ac (160MHz BW)	11.50	7.15
Grip	802.11ax (20MHz BW)	9.72	7.06
Grip	802.11ax (40MHz BW)	10.36	7.34
Grip	802.11ax (80MHz BW)	10.21	7.13
Grip	802.11ax (160MHz BW)	10.25	7.25

*Note: MIMO WIFI modes were not evaluated due to equipment limitations.

F.5 Distance Verification Summary

Table F-7
Distance Measurement Verification for Grip #1

GRIP #1				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	23	23	34
<i>Top</i>	O	25	25	31
<i>Left</i>	O	16	16	23

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Table F-8
Distance Measurement Verification for Grip Sensor #2

GRIP #2				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	22	22	25
<i>Top</i>	O	26	26	31

Table F-9
Distance Measurement Verification for Grip Sensor #3

GRIP #3				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	23	23	34
<i>Top</i>	O	26	26	33
<i>Right</i>	O	16	16	23

Table F-10
Distance Measurement Verification for Grip Sensor #4

GRIP #4				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	26	26	33
<i>Bottom</i>	O	28	28	31
<i>Right</i>	O	16	16	23

Table F-11
Distance Measurement Verification for Grip Sensor #5

GRIP #5				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
<i>Back</i>	O	26	26	30
<i>Bottom</i>	O	28	28	32

Table F-12
Distance Measurement Verification for Grip Sensor #6

GRIP #6				
Test Position	Activation	Distance[Open] (mm)	Moving towards	Moving away
Back	O	26	26	33
Bottom	O	28	28	32
Left	O	16	16	23

Table F-13
Back Side, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]																
Distance [mm]	31	30	29	28	27	26	25	24	23	22	21	20	19	18	17	
Grip #1				Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red		
Grip #2					Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red	Red
Grip #3					Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red	
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red					
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red					
Grip #6	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red					

Table F-14
Back Side, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]																				
Distance [mm]	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Grip #1										Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #2	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max									
Grip #3										Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #4									Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max	Max
Grip #5						Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max				
Grip #6									Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max	Max

Table F-15
Top Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]												
Distance [mm]	31	30	29	28	27	26	25	24	23	22	21	20
Grip #1		Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #2	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red	
Grip #3		Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-16
Top Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]													
Distance [mm]	26	27	28	29	30	31	32	33	34	35	36	37	38
Grip #1	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max		
Grip #2	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max		
Grip #3			Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

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Table F-17
Bottom Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]											
Distance [mm]	33	32	31	30	29	28	27	26	25	24	23
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #5	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #6	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-18
Bottom Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]												
Distance [mm]	26	27	28	29	30	31	32	33	34	35	36	37
Grip #4	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max	
Grip #5		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #6		Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	

Table F-19
Left Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]											
Distance [mm]	21	20	19	18	17	16	15	14	13	12	11
Grip #1	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #6	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

Table F-20
Left Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]												
Distance [mm]	17	18	19	20	21	22	23	24	25	26	27	28
Grip #1	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #6	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

Table F-21
Right Edge, Moving Toward Phantom

KDB 616217 Section 6.2 Measured Power Moving Toward Phantom [dBm]											
Distance [mm]	21	20	19	18	17	16	15	14	13	12	11
Grip #3	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red
Grip #4	Max	Max	Max	Max	Max	Red	Red	Red	Red	Red	Red

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Table F-22
Right Edge, Moving Away From Phantom

KDB 616217 Section 6.2 Measured Power Moving Away From Phantom [dBm]												
Distance [mm]	17	18	19	20	21	22	23	24	25	26	27	28
Grip #3	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max
Grip #4	Red	Red	Red	Red	Red	Red	Max	Max	Max	Max	Max	Max

Table F-23
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Top Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #1	25	25	25	25	25	25	25	25	25	25	25
Grip #2	26	26	26	26	26	26	26	26	26	26	26
Grip #3	26	26	26	26	26	26	26	26	26	26	26

Table F-24
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Bottom Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #4	28	28	28	28	28	28	28	28	28	28	28
Grip #5	28	28	28	28	28	28	28	28	28	28	28
Grip #6	28	28	28	28	28	28	28	28	28	28	28

Table F-25
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Left Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #1	16	16	16	16	16	16	16	16	16	16	16
Grip #6	16	16	16	16	16	16	16	16	16	16	16

Table F-26
Triggering States by Tilt Angle for each Sensor per KDB 616217 Section 6.4 – Right Edge

KDB 616217 Section 6.4 Measured Tilt Angle											
Tilt Angle	-45	-35	-25	-15	-5	0	5	15	25	35	45
Grip #3	16	16	16	16	16	16	16	16	16	16	16
Grip #4	16	16	16	16	16	16	16	16	16	16	16

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APPENDIX G: SAR SYSTEM VALIDATION

Per FCC KDB Publication 865664 D02v01r02, SAR system validation status should be documented to confirm measurement accuracy. The SAR systems (including SAR probes, system components and software versions) used for this device were validated against its performance specifications prior to the SAR measurements. Reference dipoles were used with the required tissue- equivalent media for system validation, according to the procedures outlined in FCC KDB Publication 865664 D01v01r04 and IEEE 1528-2013. Since SAR probe calibrations are frequency dependent, each probe calibration point was validated at a frequency within the valid frequency range of the probe calibration point, using the system that normally operates with the probe for routine SAR measurements and according to the required tissue-equivalent media.

A tabulated summary of the system validation status including the validation date(s), measurement frequencies, SAR probes and tissue dielectric parameters has been included.

Table G-1
SAR System Validation Summary

SAR System	Freq. (MHz)	Date	Probe SN	DAE	Probe Cal Point	Cond. (σ)	Perm. (εr)	CW VALIDATION			MOD. VALIDATION		
								SENSITIVITY	PROBE LINEARITY	PROBE ISOTROPY	MOD. TYPE	DUTY FACTOR	PAR
J	750	04/25/2024	7670	1449	750 Head	0.877	42.882	PASS	PASS	PASS	N/A	N/A	N/A
Q	750	05/31/2024	7539	1639	750 Head	0.865	41.575	PASS	PASS	PASS	N/A	N/A	N/A
O	750	06/26/2024	3914	728	750 Head	0.862	41.319	PASS	PASS	PASS	N/A	N/A	N/A
J	835	03/01/2024	7670	1449	835 Head	0.885	43.534	PASS	PASS	PASS	GMSK	PASS	N/A
Q	835	05/30/2024	7539	1639	835 Head	0.888	41.271	PASS	PASS	PASS	GMSK	PASS	N/A
O	835	06/24/2024	3914	728	835 Head	0.890	40.626	PASS	PASS	PASS	GMSK	PASS	N/A
J	1750	03/01/2024	7670	1449	1750 Head	1.355	41.717	PASS	PASS	PASS	N/A	N/A	N/A
S	1750	04/24/2024	7527	1272	1750 Head	1.311	40.024	PASS	PASS	PASS	N/A	N/A	N/A
P	1750	05/15/2024	7718	665	1750 Head	1.323	39.515	PASS	PASS	PASS	N/A	N/A	N/A
J	1900	03/01/2024	7670	1449	1900 Head	1.451	41.498	PASS	PASS	PASS	GMSK	PASS	N/A
S	1900	04/19/2024	7527	1272	1900 Head	1.396	39.756	PASS	PASS	PASS	GMSK	PASS	N/A
P	1900	05/15/2024	7718	665	1900 Head	1.414	39.331	PASS	PASS	PASS	GMSK	PASS	N/A
J	2300	03/06/2024	7670	1449	2300 Head	1.734	39.020	PASS	PASS	PASS	N/A	N/A	N/A
G	2300	04/23/2024	7713	1530	2300 Head	1.649	39.308	PASS	PASS	PASS	N/A	N/A	N/A
O	2300	06/05/2024	3914	728	2300 Head	1.713	38.049	PASS	PASS	PASS	N/A	N/A	N/A
G	2450	03/15/2024	7713	1530	2450 Head	1.873	39.569	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
K4	2450	03/25/2024	7565	1466	2450 Head	1.871	39.952	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
H	2450	04/03/2024	7488	1415	2450 Head	1.804	40.365	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
O	2450	06/05/2024	3914	728	2450 Head	1.827	37.860	PASS	PASS	PASS	OFDM/TDD	PASS	PASS
K3	2600	10/12/2023	7558	1364	2600 Head	1.971	40.757	PASS	PASS	PASS	TDD	PASS	N/A
J	2600	03/08/2024	7670	1449	2600 Head	1.927	38.113	PASS	PASS	PASS	TDD	PASS	N/A
H	2600	04/05/2024	7488	1415	2600 Head	1.935	40.141	PASS	PASS	PASS	TDD	PASS	N/A
G	2600	04/23/2024	7713	1530	2600 Head	1.891	38.822	PASS	PASS	PASS	TDD	PASS	N/A
O	2600	06/05/2024	3914	728	2600 Head	1.937	37.677	PASS	PASS	PASS	TDD	PASS	N/A
K3	3500	12/04/2023	7558	1364	3500 Head	2.789	38.147	PASS	PASS	PASS	TDD	PASS	N/A
K4	3500	02/01/2024	7565	1466	3500 Head	2.779	37.929	PASS	PASS	PASS	TDD	PASS	N/A
H	3500	04/18/2024	7488	1415	3500 Head	2.772	38.571	PASS	PASS	PASS	TDD	PASS	N/A
L	3500	06/12/2024	7660	1678	3500 Head	2.818	39.229	PASS	PASS	PASS	TDD	PASS	N/A
K3	3700	12/04/2023	7558	1364	3700 Head	2.975	37.806	PASS	PASS	PASS	TDD	PASS	N/A
K4	3700	02/02/2024	7565	1466	3700 Head	3.019	38.076	PASS	PASS	PASS	TDD	PASS	N/A
H	3700	04/18/2024	7488	1415	3700 Head	2.962	38.310	PASS	PASS	PASS	TDD	PASS	N/A
L	3700	06/12/2024	7660	1678	3700 Head	3.012	38.863	PASS	PASS	PASS	TDD	PASS	N/A
H	3900	04/18/2024	7488	1415	3900 Head	3.171	37.884	PASS	PASS	PASS	TDD	PASS	N/A
L	3900	06/12/2024	7660	1678	3900 Head	3.220	38.526	PASS	PASS	PASS	TDD	PASS	N/A
G	5250	01/31/2024	7713	1530	5250 Head	4.510	36.500	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5250	02/19/2024	7547	1322	5250 Head	4.606	35.108	PASS	PASS	PASS	OFDM	N/A	PASS
G	5600	01/31/2024	7713	1530	5600 Head	4.960	35.700	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5600	02/19/2024	7547	1322	5600 Head	5.006	34.452	PASS	PASS	PASS	OFDM	N/A	PASS
G	5750	01/31/2024	7713	1530	5750 Head	5.070	35.500	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5750	02/19/2024	7547	1322	5750 Head	5.182	34.162	PASS	PASS	PASS	OFDM	N/A	PASS
G	5850	01/31/2024	7713	1530	5850 Head	5.180	35.300	PASS	PASS	PASS	OFDM	N/A	PASS
K2	5850	02/19/2024	7547	1322	5750 Head	5.291	34.027	PASS	PASS	PASS	OFDM	N/A	PASS
R	6500	02/12/2024	7410	1638	6500 Head	6.212	34.041	PASS	PASS	PASS	OFDM	N/A	PASS
C	6500	06/20/2024	7659	1407	6500 Head	6.128	34.321	PASS	PASS	PASS	OFDM	N/A	PASS

NOTE: The probes have been calibrated for both CW and modulated signals. Modulations in the table above represent test configurations for which the measurement system has been validated per FCC KDB Publication 865664 D01v01r04 for scenarios when CW probe calibrations are used with other signal types. SAR systems were validated for modulated signals with a periodic duty cycle, such as GMSK, or with a high peak to average ratio (>5 dB), such as OFDM according to FCC KDB Publication 865664 D01v01r04.

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APPENDIX H: LTE AND NR LOWER BANDWIDTH RF CONDUCTED POWERS

Note: Some bands do not support three non-overlapping channels. Per KDB Publication 941225 D05v02, when a device supports overlapping channel assignment in a channel bandwidth configuration, the middle channel of the group of overlapping channels should be selected for testing.

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H.1 LTE Lower Bandwidth RF Conducted Powers

H.1.1 LTE Band 71 Antenna M1

Table H-1
LTE Band 71 Antenna M1 Measured P_{limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz) Conducted Power [dBm]		
QPSK	1	0	23.45	0	0
	1	36	23.44		0
	1	74	23.48		0
	36	0	22.56	0-1	0.5
	36	18	22.45		0.5
	36	37	22.52		0.5
16QAM	75	0	22.60	0-1	0.5
	1	0	22.75		0.5
	1	36	22.89		0.5
	1	74	22.89	0-2	0.5
	36	0	21.55		1.5
	36	18	21.46		1.5
64QAM	36	37	21.53	0-2	1.5
	75	0	21.55		1.5
	1	0	21.60		1.5
	1	36	21.64	0-2	1.5
	1	74	21.66		1.5
	36	0	20.90	0-3	2.5
256QAM	36	18	20.71		2.5
	36	37	20.80		2.5
	75	0	20.85	0-3	2.5
	1	0	18.82		4.5
	1	36	18.74	0-5	4.5
	1	74	18.79		4.5
256QAM	36	0	18.82		4.5
	36	18	18.70		4.5
	36	37	18.75		4.5
	75	0	18.80		4.5

Table H-2
LTE Band 71 Antenna M1 Measured P_{limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz) Conducted Power [dBm]	133297 (680.5 MHz) Conducted Power [dBm]	133422 (693.0 MHz) Conducted Power [dBm]		
QPSK	1	0	22.95	23.00	23.08	0	0
	1	25	22.91	22.94	23.27		0
	1	49	22.93	22.99	23.40		0
	25	0	22.37	22.55	22.64	0-1	0.5
	25	12	22.43	22.45	22.70		0.5
	25	25	22.50	22.53	22.80		0.5
16QAM	50	0	22.46	22.57	22.72	0-1	0.5
	1	0	22.72	22.82	22.91		0.5
	1	25	22.70	22.74	23.02		0.5
	1	49	22.66	22.86	23.17	0-2	0.5
	25	0	21.32	21.51	21.63		1.5
	25	12	21.38	21.41	21.68		1.5
64QAM	25	25	21.47	21.48	21.77	0-2	1.5
	50	0	21.38	21.50	21.70		1.5
	1	0	21.68	21.62	21.78	0-2	1.5
	1	25	21.55	21.62	21.85		1.5
	1	49	21.56	21.70	21.99		1.5
	25	0	20.63	20.81	20.89	0-3	2.5
256QAM	25	12	20.65	20.70	20.96		2.5
	25	25	20.76	20.72	21.04		2.5
	50	0	20.69	20.76	21.01	0-5	2.5
	1	0	18.75	18.81	18.90		4.5
	1	25	18.74	18.71	19.01		4.5
	1	49	18.76	18.83	19.13		4.5
256QAM	25	0	18.58	18.79	18.87	0-5	4.5
	25	12	18.64	18.63	18.93		4.5
	25	25	18.73	18.68	18.96		4.5
	50	0	18.64	18.74	18.96		4.5

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Table H-3
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.03	23.02	23.26	0	0
	1	12	23.00	23.02	23.39		0
	1	24	22.96	22.98	23.44		0
	12	0	22.43	22.43	22.77	0-1	0.5
	12	6	22.40	22.48	22.82		0.5
	12	13	22.48	22.43	22.90		0.5
	25	0	22.47	22.54	22.90		0.5
16QAM	1	0	22.70	22.85	23.11	0-1	0.5
	1	12	22.81	22.82	23.16		0.5
	1	24	22.72	22.86	23.24		0.5
	12	0	21.48	21.51	21.87	0-2	1.5
	12	6	21.46	21.54	21.85		1.5
	12	13	21.51	21.49	21.93		1.5
	25	0	21.45	21.46	21.82		1.5
64QAM	1	0	21.65	21.64	21.87	0-2	1.5
	1	12	21.62	21.70	22.00		1.5
	1	24	21.63	21.60	22.08		1.5
	12	0	20.75	20.80	21.08	0-3	2.5
	12	6	20.74	20.75	21.11		2.5
	12	13	20.77	20.71	21.15		2.5
	25	0	20.73	20.69	21.09		2.5
256QAM	1	0	18.76	18.79	19.07	0-5	4.5
	1	12	18.71	18.79	19.13		4.5
	1	24	18.76	18.74	19.22		4.5
	12	0	18.64	18.71	19.02		4.5
	12	6	18.64	18.66	19.04		4.5
	12	13	18.66	18.62	19.06		4.5
	25	0	18.70	18.69	19.03		4.5

Table H-4
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133297 (680.5 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	15.26	0	0
	1	36	15.27		0
	1	74	15.20		0
	36	0	15.28	0-1	0
	36	18	15.23		0
	36	37	15.29		0
	75	0	15.36		0
16QAM	1	0	15.60	0-1	0
	1	36	15.59		0
	1	74	15.46		0
	36	0	15.28	0-2	0
	36	18	15.25		0
	36	37	15.32		0
	75	0	15.33		0
64QAM	1	0	15.40	0-2	0
	1	36	15.42		0
	1	74	15.37		0
	36	0	15.37	0-3	0
	36	18	15.25		0
	36	37	15.37		0
	75	0	15.31		0
256QAM	1	0	15.36	0-5	0
	1	36	15.38		0
	1	74	15.30		0
	36	0	15.33		0
	36	18	15.27		0
	36	37	15.34		0
	75	0	15.30		0

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Table H-5
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 71 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133172 (668.0 MHz)	133297 (680.5 MHz)	133422 (693.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.36	15.28	15.29	0	0
	1	25	15.29	15.37	15.53		0
	1	49	15.30	15.36	15.63		0
	25	0	15.22	15.37	15.48	0-1	0
	25	12	15.33	15.34	15.48		0
	25	25	15.36	15.41	15.61		0
	50	0	15.31	15.38	15.57		0
16QAM	1	0	15.68	15.57	15.63	0-1	0
	1	25	15.58	15.63	15.80		0
	1	49	15.52	15.68	15.82		0
	25	0	15.25	15.38	15.48	0-2	0
	25	12	15.28	15.34	15.51		0
	25	25	15.35	15.41	15.64		0
	50	0	15.30	15.38	15.55		0
64QAM	1	0	15.47	15.52	15.53	0-2	0
	1	25	15.50	15.47	15.62		0
	1	49	15.45	15.49	15.80		0
	25	0	15.24	15.37	15.47	0-3	0
	25	12	15.29	15.38	15.52		0
	25	25	15.32	15.39	15.59		0
	50	0	15.33	15.40	15.56		0
256QAM	1	0	15.45	15.39	15.47	0-5	0
	1	25	15.45	15.45	15.60		0
	1	49	15.40	15.43	15.72		0
	25	0	15.22	15.39	15.48		0
	25	12	15.30	15.33	15.51		0
	25	25	15.39	15.38	15.61		0
	50	0	15.31	15.38	15.56		0

Table H-6
LTE Band 71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 71 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			133147 (665.5 MHz)	133297 (680.5 MHz)	133447 (695.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	15.29	15.33	15.47	0	0
	1	12	15.28	15.33	15.52		0
	1	24	15.28	15.35	15.66		0
	12	0	15.31	15.27	15.52	0-1	0
	12	6	15.31	15.36	15.54		0
	12	13	15.30	15.29	15.56		0
	25	0	15.30	15.32	15.57		0
16QAM	1	0	15.55	15.60	15.77	0-1	0
	1	12	15.56	15.65	15.81		0
	1	24	15.66	15.65	15.82		0
	12	0	15.33	15.36	15.61	0-2	0
	12	6	15.39	15.41	15.66		0
	12	13	15.37	15.39	15.67		0
	25	0	15.32	15.37	15.58		0
64QAM	1	0	15.48	15.50	15.71	0-2	0
	1	12	15.45	15.50	15.79		0
	1	24	15.42	15.49	15.79		0
	12	0	15.34	15.39	15.56	0-3	0
	12	6	15.34	15.39	15.61		0
	12	13	15.35	15.35	15.64		0
	25	0	15.33	15.33	15.56		0
256QAM	1	0	15.43	15.48	15.64	0-5	0
	1	12	15.39	15.42	15.67		0
	1	24	15.37	15.41	15.77		0
	12	0	15.29	15.35	15.53		0
	12	6	15.29	15.35	15.54		0
	12	13	15.32	15.30	15.62		0
	25	0	15.32	15.35	15.53		0

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H.1.2 LTE Band 12 Antenna M1

Table H-7
LTE Band 12 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.35	23.52	23.66	0	0
	1	12	23.42	23.60	23.62		0
	1	24	23.51	23.60	23.62		0
	12	0	22.82	23.09	23.05	0-1	1
	12	6	22.88	23.04	23.08		1
	12	13	22.94	22.96	23.01		1
	25	0	22.89	23.04	23.05		1
16QAM	1	0	23.17	23.30	23.43	0-1	1
	1	12	23.25	23.44	23.42		1
	1	24	23.24	23.43	23.32		1
	12	0	21.88	22.12	22.10	0-2	2
	12	6	21.91	22.09	22.14		2
	12	13	21.94	22.03	22.08		2
	25	0	21.85	22.02	22.07		2
64QAM	1	0	22.00	22.27	22.26	0-2	2
	1	12	22.15	22.31	22.23		2
	1	24	22.21	22.26	22.26		2
	12	0	21.15	21.35	21.32	0-3	3
	12	6	21.22	21.30	21.34		3
	12	13	21.30	21.25	21.26		3
	25	0	21.16	21.25	21.28		3
256QAM	1	0	19.23	19.34	19.37	0-5	5
	1	12	19.18	19.40	19.33		5
	1	24	19.30	19.05	19.36		5
	12	0	18.99	19.25	19.22		5
	12	6	19.14	19.23	19.30		5
	12	13	19.20	19.20	19.23		5
	25	0	19.11	19.23	19.25		5

Table H-8
LTE Band 12 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.30	23.54	23.60	0	0
	1	7	23.39	23.57	23.64		0
	1	14	23.40	23.54	23.56		0
	8	0	22.86	22.98	23.07	0-1	1
	8	4	22.84	23.00	23.04		1
	8	7	22.86	23.05	23.04		1
	15	0	22.85	23.04	23.07		1
16QAM	1	0	23.13	23.30	23.40	0-1	1
	1	7	23.19	23.46	23.51		1
	1	14	23.16	23.39	23.37		1
	8	0	21.94	22.12	22.17	0-2	2
	8	4	21.93	22.09	22.09		2
	8	7	21.97	22.18	22.19		2
	15	0	21.86	22.04	22.08		2
64QAM	1	0	21.95	22.17	22.22	0-2	2
	1	7	22.09	22.22	22.20		2
	1	14	22.03	22.21	22.15		2
	8	0	21.19	21.30	21.31	0-3	3
	8	4	21.15	21.26	21.33		3
	8	7	21.21	21.26	21.32		3
	15	0	21.15	21.31	21.31		3
256QAM	1	0	19.13	19.28	19.33	0-5	5
	1	7	19.26	19.36	19.33		5
	1	14	19.22	19.30	19.34		5
	8	0	19.12	19.23	19.24		5
	8	4	19.11	19.22	19.26		5
	8	7	19.13	19.23	19.26		5
	15	0	19.12	19.23	19.25		5

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Table H-9
LTE Band 12 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.31	23.44	23.48	0	0
	1	2	23.34	23.52	23.58		0
	1	5	23.33	23.51	23.54		0
	3	0	23.31	23.47	23.59		0
	3	2	23.35	23.52	23.57		0
	3	3	23.35	23.51	23.57		0
	6	0	22.78	22.99	23.07		0
16QAM	1	0	23.18	23.26	23.33	0-1	1
	1	2	23.10	23.29	23.31		1
	1	5	23.12	23.29	23.35		1
	3	0	22.92	23.08	23.17		1
	3	2	22.96	23.13	23.19		1
	3	3	22.95	23.09	23.15		1
	6	0	21.86	22.04	22.08		2
64QAM	1	0	21.96	22.10	22.20	0-2	2
	1	2	22.02	22.25	22.24		2
	1	5	21.96	22.16	22.17		2
	3	0	21.89	22.02	22.07		2
	3	2	21.93	22.12	22.12		2
	3	3	21.85	22.04	22.13		2
	6	0	21.13	21.26	21.30		3
256QAM	1	0	19.14	19.35	19.37	0-5	5
	1	2	19.23	19.39	19.38		5
	1	5	19.11	19.36	19.34		5
	3	0	19.14	19.33	19.36		5
	3	2	19.14	19.30	19.38		5
	3	3	19.16	19.29	19.32		5
	6	0	19.04	19.20	19.25		5

Table H-10
LTE Band 12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 12 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23035 (701.5 MHz)	23095 (707.5 MHz)	23155 (713.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.26	16.28	16.25	0	0
	1	12	16.31	16.29	16.29		0
	1	24	16.30	16.27	16.32		0
	12	0	16.27	16.28	16.23	0-1	0
	12	6	16.23	16.24	16.29		0
	12	13	16.23	16.20	16.29		0
	25	0	16.28	16.27	16.33		0
16QAM	1	0	16.48	16.45	16.48	0-1	0
	1	12	16.48	16.47	16.45		0
	1	24	16.47	16.48	16.46		0
	12	0	16.39	16.22	16.31	0-2	0
	12	6	16.31	16.31	16.37		0
	12	13	16.26	16.25	16.36		0
	25	0	16.26	16.29	16.31		0
64QAM	1	0	16.44	16.44	16.45	0-2	0
	1	12	16.35	16.48	16.45		0
	1	24	16.44	16.41	16.45		0
	12	0	16.34	16.30	16.31	0-3	0
	12	6	16.30	16.26	16.35		0
	12	13	16.27	16.27	16.32		0
	25	0	16.27	16.21	16.27		0
256QAM	1	0	16.34	16.33	16.33	0-5	0
	1	12	16.40	16.40	16.38		0
	1	24	16.33	16.33	16.38		0
	12	0	16.30	16.30	16.28		0
	12	6	16.23	16.23	16.32		0
	12	13	16.25	16.18	16.28		0
	25	0	16.28	16.26	16.28		0

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Table H-11
LTE Band 12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 12 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23025 (700.5 MHz)	23095 (707.5 MHz)	23165 (714.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.20	16.19	16.30	0	0
	1	7	16.13	16.31	16.30		0
	1	14	16.13	16.28	16.28		0
	8	0	16.16	16.29	16.33	0-1	0
	8	4	16.12	16.25	16.30		0
	8	7	16.16	16.25	16.33		0
	15	0	16.16	16.29	16.36		0
16QAM	1	0	16.37	16.41	16.42	0-1	0
	1	7	16.43	16.36	16.45		0
	1	14	16.41	16.44	16.48		0
	8	0	16.23	16.42	16.44	0-2	0
	8	4	16.23	16.38	16.38		0
	8	7	16.27	16.40	16.45		0
	15	0	16.14	16.32	16.37		0
64QAM	1	0	16.31	16.35	16.37	0-2	0
	1	7	16.33	16.47	16.40		0
	1	14	16.38	16.42	16.48		0
	8	0	16.17	16.29	16.33	0-3	0
	8	4	16.16	16.31	16.35		0
	8	7	16.20	16.31	16.40		0
	15	0	16.17	16.32	16.39		0
256QAM	1	0	16.23	16.35	16.39	0-5	0
	1	7	16.23	16.42	16.48		0
	1	14	16.32	16.36	16.47		0
	8	0	16.17	16.35	16.36		0
	8	4	16.14	16.27	16.35		0
	8	7	16.17	16.34	16.35		0
	15	0	16.15	16.32	16.35		0

Table H-12
LTE Band 12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 12 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23017 (699.7 MHz)	23095 (707.5 MHz)	23173 (715.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.09	16.23	16.22	0	0
	1	2	16.08	16.30	16.32		0
	1	5	16.11	16.26	16.29		0
	3	0	16.08	16.23	16.32		0
	3	2	16.13	16.23	16.33		0
	3	3	16.12	16.25	16.32		0
	6	0	16.09	16.28	16.33		0
16QAM	1	0	16.47	16.48	16.48	0-1	0
	1	2	16.47	16.48	16.47		0
	1	5	16.32	16.44	16.48		0
	3	0	16.24	16.40	16.44		0
	3	2	16.18	16.33	16.45		0
	3	3	16.21	16.41	16.44		0
	6	0	16.13	16.29	16.39		0
64QAM	1	0	16.23	16.38	16.38	0-2	0
	1	2	16.28	16.45	16.48		0
	1	5	16.26	16.46	16.41		0
	3	0	16.17	16.34	16.39		0
	3	2	16.16	16.32	16.42		0
	3	3	16.21	16.33	16.40		0
	6	0	16.10	16.16	16.29		0
256QAM	1	0	16.15	16.39	16.40	0-3	0
	1	2	16.21	16.40	16.48		0
	1	5	16.19	16.39	16.46		0
	3	0	16.17	16.38	16.44		0
	3	2	16.21	16.41	16.48		0
	3	3	16.22	16.38	16.44		0
	6	0	16.11	16.22	16.34		0

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H.1.3 LTE Band 13 Antenna M1

Table H-13
LTE Band 13 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.34	0	0
	1	12	23.33		0
	1	24	23.18		0
	12	0	22.74	0-1	1
	12	6	22.74		1
	12	13	22.64		1
16QAM	25	0	22.72		1
	1	0	23.13	0-1	1
	1	12	23.12		1
	1	24	23.02		1
	12	0	21.77	0-2	2
	12	6	21.80		2
64QAM	12	13	21.71		2
	25	0	21.70		2
	1	0	21.98	0-2	2
	1	12	21.91		2
	1	24	21.85		2
	12	0	20.73	0-3	3
256QAM	12	6	20.71		3
	12	13	20.62		3
	25	0	20.65		3
	1	0	19.08	0-5	5
	1	12	19.08		5
	1	24	18.93		5
	12	0	18.97		5
	12	6	18.93		5
	12	13	18.88		5
	25	0	18.94		5

Table H-14
LTE Band 13 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 13 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23230 (782.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	14.05	0	0
	1	12	13.94		0
	1	24	13.82		0
	12	0	13.96	0-1	0
	12	6	13.94		0
	12	13	13.83		0
16QAM	25	0	13.94		0
	1	0	14.40	0-1	0
	1	12	14.24		0
	1	24	14.20		0
	12	0	14.01	0-2	0
	12	6	14.00		0
64QAM	12	13	13.97		0
	25	0	13.91		0
	1	0	14.20	0-2	0
	1	12	14.14		0
	1	24	14.00		0
	12	0	14.01	0-3	0
256QAM	12	6	13.97		0
	12	13	13.87		0
	25	0	13.90		0
	1	0	14.15	0-5	0
	1	12	13.99		0
	1	24	13.93		0
	12	0	13.95		0
	12	6	13.93		0
	12	13	13.87		0
	25	0	14.00		0

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H.1.4 LTE Band 14 Antenna M1

Table H-15
LTE Band 14 Antenna M1 Measured P_{Limit} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz) Conducted Power [dBm]		
QPSK	1	0	23.14	0	0
	1	12	23.08		0
	1	24	23.04		0
	12	0	22.58	0-1	0.5
	12	6	22.58		0.5
	12	13	22.49		0.5
16QAM	25	0	22.59		0.5
	1	0	22.90	0-1	0.5
	1	12	22.85		0.5
	1	24	22.87		0.5
	12	0	21.62	0-2	1.5
	12	6	21.62		1.5
64QAM	25	13	21.56		1.5
	25	0	21.55		1.5
	1	0	21.81	0-2	1.5
	1	12	21.83		1.5
	1	24	21.75		1.5
	12	0	20.54	0-3	2.5
256QAM	12	6	20.56		2.5
	12	13	20.48		2.5
	25	0	20.50		2.5
	1	0	18.88	0-5	4.5
	1	12	18.94		4.5
	1	24	18.85		4.5
	12	0	18.72		4.5
	12	6	18.78		4.5
	12	13	18.75		4.5
	25	0	18.79		4.5

Table H-16
LTE Band 14 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 14 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			23330 (793.0 MHz) Conducted Power [dBm]		
QPSK	1	0	13.80	0	0
	1	12	13.87		0
	1	24	13.82		0
	12	0	13.77	0-1	0
	12	6	13.79		0
	12	13	13.78		0
16QAM	25	0	13.80		0
	1	0	14.12	0-1	0
	1	12	14.17		0
	1	24	14.12		0
	12	0	13.89	0-2	0
	12	6	13.87		0
64QAM	25	13	13.89		0
	25	0	13.81		0
	1	0	13.98	0-2	0
	1	12	14.03		0
	1	24	14.00		0
	12	0	13.81	0-3	0
256QAM	12	6	13.83		0
	12	13	13.87		0
	25	0	13.83		0
	1	0	13.86	0-5	0
	1	12	13.98		0
	1	24	13.88		0
	12	0	13.77		0
	12	6	13.79		0
	12	13	13.80		0
	25	0	13.83		0

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H.1.5 LTE Band 26 Antenna M1

Table H-17
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.07	23.51	23.31	0	0
	1	25	22.95	23.62	23.34		0
	1	49	22.90	23.74	23.34		0
	25	0	22.50	22.61	22.87	0-1	1
	25	12	22.44	22.58	22.81		1
	25	25	22.44	22.70	22.78		1
	50	0	22.49	22.68	22.86		1
16QAM	1	0	22.87	22.82	23.11	0-1	1
	1	25	22.85	22.88	23.08		1
	1	49	22.73	23.15	23.10		1
	25	0	21.47	21.60	21.83	0-2	2
	25	12	21.41	21.57	21.83		2
	25	25	21.44	21.67	21.76		2
	50	0	21.44	21.60	21.78		2
64QAM	1	0	21.78	21.72	21.96	0-2	2
	1	25	21.54	21.79	21.95		2
	1	49	21.59	21.92	22.01		2
	25	0	20.42	20.58	20.81	0-3	3
	25	12	20.36	20.54	20.76		3
	25	25	20.34	20.63	20.72		3
	50	0	20.41	20.63	20.77		3
256QAM	1	0	18.81	18.78	19.02	0-5	5
	1	25	18.73	18.91	19.13		5
	1	49	18.69	18.97	19.06		5
	25	0	18.63	18.78	19.05		5
	25	12	18.63	18.78	19.01		5
	25	25	18.63	18.83	18.93		5
	50	0	18.66	18.77	19.00		5

Table H-18
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.09	23.35	23.39	0	0
	1	12	23.02	23.42	23.39		0
	1	24	23.02	23.70	23.37		0
	12	0	22.48	22.61	22.86	0-1	1
	12	6	22.46	22.59	22.84		1
	12	13	22.48	22.70	22.82		1
25	0	22.52	22.69	22.88	1		
16QAM	1	0	22.87	22.93	23.22	0-1	1
	1	12	22.87	22.98	23.10		1
	1	24	22.81	23.07	23.18		1
	12	0	21.58	21.70	21.91	0-2	2
	12	6	21.56	21.66	21.88		2
	12	13	21.53	21.65	21.86		2
25	0	21.48	21.64	21.84	2		
64QAM	1	0	21.76	21.76	22.02	0-2	2
	1	12	21.72	21.81	22.05		2
	1	24	21.67	21.88	22.05		2
	12	0	20.52	20.62	20.88	0-3	3
	12	6	20.48	20.62	20.82		3
	12	13	20.44	20.59	20.80		3
25	0	20.47	20.61	20.79	3		
256QAM	1	0	18.84	18.86	19.12	0-5	5
	1	12	18.86	18.93	19.14		5
	1	24	18.74	18.88	19.08		5
	12	0	18.73	18.77	19.02		5
	12	6	18.72	18.81	19.05		5
	12	13	18.66	18.78	18.99		5
25	0	18.69	18.82	19.04	5		

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Table H-19
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.99	23.34	23.32	0	0
	1	7	23.00	23.42	23.34		0
	1	14	22.89	23.70	23.32		0
	8	0	22.54	22.60	22.84	0-1	1
	8	4	22.44	22.59	22.81		1
	8	7	22.49	22.71	22.84		1
16QAM	15	0	22.52	22.62	22.86	0-1	1
	1	0	22.87	22.89	23.21		1
	1	7	22.76	23.01	23.15		1
	1	14	22.74	23.01	23.23	0-2	1
	8	0	21.64	21.68	21.90		2
	8	4	21.50	21.69	21.90		2
64QAM	8	7	21.58	21.73	21.92	0-2	2
	15	0	21.50	21.61	21.83		2
	1	0	21.76	21.75	21.93	0-2	2
	1	7	21.66	21.83	21.94		2
	1	14	21.62	21.82	21.88		2
	8	0	20.54	20.60	20.81	0-3	3
8	4	20.45	20.57	20.79	3		
8	7	20.48	20.60	20.80	3		
256QAM	15	0	20.50	20.59	20.83	0-5	3
	1	0	18.84	18.89	19.07		5
	1	7	18.79	18.90	19.10		5
	1	14	18.80	18.93	19.01		5
	8	0	18.76	18.82	19.02		5
	8	4	18.73	18.78	18.98		5
8	7	18.73	18.84	18.98	5		
15	0	18.76	18.83	19.00	5		

Table H-20
LTE Band 26 Antenna M1 Measured P_{max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.04	23.34	23.33	0	0
	1	2	23.06	23.42	23.32		0
	1	5	23.02	23.70	23.31		0
	3	0	23.05	23.06	23.31		0
	3	2	23.06	23.01	23.32		0
	3	3	23.04	23.11	23.31		0
	6	0	22.49	22.58	22.85	0-1	1
16QAM	1	0	22.88	22.82	23.22	0-1	1
	1	2	22.91	22.98	23.19		1
	1	5	22.83	22.90	23.13		1
	3	0	22.71	22.68	22.98		1
	3	2	22.67	22.73	22.95		1
	3	3	22.62	22.74	22.94		1
	6	0	21.56	21.66	21.87	0-2	2
64QAM	1	0	21.73	21.73	21.94	0-2	2
	1	2	21.74	21.77	22.03		2
	1	5	21.68	21.73	21.96		2
	3	0	21.55	21.62	21.86		2
	3	2	21.55	21.62	21.88		2
	3	3	21.57	21.68	21.89		2
	6	0	20.49	20.55	20.81	0-3	3
256QAM	1	0	18.82	18.82	19.05	0-5	5
	1	2	18.84	18.87	19.12		5
	1	5	18.78	18.87	19.06		5
	3	0	18.83	18.80	19.07		5
	3	2	18.80	18.86	19.07		5
	3	3	18.79	18.83	19.02		5
	6	0	18.68	18.71	18.94	5	

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Table H-21
LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 26 (Cell) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26740 (819.0 MHz)	26865 (831.5 MHz)	26990 (844.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.87	13.69	13.90	0	0
	1	25	13.76	13.79	14.00		0
	1	49	13.70	13.88	13.95		0
	25	0	13.78	13.92	14.06	0-1	0
	25	12	13.77	13.91	14.04		0
	25	25	13.78	13.86	13.93		0
	50	0	13.79	13.89	14.04		0
16QAM	1	0	14.00	14.04	14.07	0-1	0
	1	25	14.03	14.15	14.15		0
	1	49	13.99	14.10	14.14		0
	25	0	13.81	13.86	14.09	0-2	0
	25	12	13.71	13.87	14.06		0
	25	25	13.74	13.87	13.96		0
	50	0	13.74	13.91	14.01		0
64QAM	1	0	14.05	13.94	14.06	0-2	0
	1	25	13.92	14.02	14.09		0
	1	49	13.88	14.09	14.04		0
	25	0	13.80	13.85	14.05	0-3	0
	25	12	13.74	13.91	14.05		0
	25	25	13.73	13.82	13.97		0
	50	0	13.79	13.91	14.02		0
256QAM	1	0	14.00	13.87	14.07	0-5	0
	1	25	13.90	13.92	14.12		0
	1	49	13.77	13.98	14.04		0
	25	0	13.78	13.85	14.08		0
	25	12	13.72	13.92	14.05		0
	25	25	13.78	13.84	13.94		0
	50	0	13.81	13.90	14.02		0

Table H-22
LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 26 (Cell) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26715 (816.5 MHz)	26865 (831.5 MHz)	27015 (846.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.91	13.77	13.91	0	0
	1	12	13.80	13.80	14.01		0
	1	24	13.76	13.85	13.98		0
	12	0	13.80	13.84	14.03	0-1	0
	12	6	13.79	13.89	14.03		0
	12	13	13.75	13.78	13.94		0
	25	0	13.82	13.83	14.00		0
16QAM	1	0	14.10	14.11	14.15	0-1	0
	1	12	14.01	14.06	14.13		0
	1	24	14.06	14.13	14.15		0
	12	0	13.91	13.99	14.05	0-2	0
	12	6	13.91	13.90	14.11		0
	12	13	13.81	13.85	14.06		0
	25	0	13.78	13.84	14.00		0
64QAM	1	0	14.05	14.05	14.11	0-2	0
	1	12	14.01	13.97	14.14		0
	1	24	13.94	14.00	14.15		0
	12	0	13.86	13.97	14.05	0-3	0
	12	6	13.87	13.89	14.08		0
	12	13	13.82	13.82	14.01		0
	25	0	13.76	13.81	13.97		0
256QAM	1	0	13.90	13.89	14.14	0-5	0
	1	12	13.88	13.91	14.10		0
	1	24	13.88	13.98	14.06		0
	12	0	13.84	13.89	14.04		0
	12	6	13.85	13.85	14.03		0
	12	13	13.80	13.79	13.95		0
	25	0	13.78	13.84	13.99		0

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Table H-23

LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 26 (Cell) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26705 (815.5 MHz)	26865 (831.5 MHz)	27025 (847.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.71	13.72	13.86	0	0
	1	7	13.79	13.76	13.96		0
	1	14	13.76	13.73	13.92		0
	8	0	13.85	13.87	14.04	0-1	0
	8	4	13.80	13.82	13.98		0
	8	7	13.78	13.76	13.96		0
	15	0	13.81	13.85	13.98		0
16QAM	1	0	14.07	14.07	14.14	0-1	0
	1	7	14.07	14.14	14.14		0
	1	14	14.01	14.04	14.13		0
	8	0	13.98	13.93	14.12	0-2	0
	8	4	13.89	13.96	14.05		0
	8	7	13.91	13.92	14.13		0
	15	0	13.83	13.89	14.06		0
64QAM	1	0	13.99	13.95	14.07	0-2	0
	1	7	13.98	13.97	14.11		0
	1	14	13.97	13.98	14.14		0
	8	0	13.90	13.87	14.07	0-3	0
	8	4	13.80	13.85	13.99		0
	8	7	13.82	13.82	14.00		0
	15	0	13.83	13.90	14.05		0
256QAM	1	0	13.92	13.84	14.03	0-5	0
	1	7	13.95	13.93	14.07		0
	1	14	13.89	13.89	14.05		0
	8	0	13.87	13.88	14.03		0
	8	4	13.79	13.83	14.01		0
	8	7	13.80	13.78	14.01		0
	15	0	13.83	13.89	14.04		0

Table H-24

LTE Band 26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 26 (Cell) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26697 (814.7 MHz)	26865 (831.5 MHz)	27033 (848.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	13.70	13.71	13.85	0	0
	1	2	13.72	13.77	13.94		0
	1	5	13.76	13.75	13.92		0
	3	0	13.83	13.81	13.96		0
	3	2	13.83	13.82	13.99	0	
	3	3	13.83	13.78	13.94	0	
	6	0	13.86	13.80	13.98	0-1	0
16QAM	1	0	14.14	14.15	14.11	0-1	0
	1	2	14.14	14.14	14.15		0
	1	5	14.05	14.05	14.15		0
	3	0	13.96	13.90	14.14		0
	3	2	13.93	13.91	14.12	0	
	3	3	13.90	13.85	14.07	0	
	6	0	13.87	13.87	14.00	0-2	0
64QAM	1	0	14.03	13.99	14.05	0-2	0
	1	2	14.01	13.97	14.15		0
	1	5	13.96	13.93	14.14		0
	3	0	13.87	13.84	14.07		0
	3	2	13.90	13.89	14.04	0	
	3	3	13.88	13.82	14.04	0	
	6	0	13.84	13.85	13.99	0-3	0
256QAM	1	0	13.88	13.92	14.07	0-5	0
	1	2	13.95	13.89	14.07		0
	1	5	13.88	13.90	14.04		0
	3	0	13.93	13.90	14.06		0
	3	2	13.88	13.94	14.04		0
	3	3	13.89	13.90	14.04		0
	6	0	13.79	13.80	13.98		0

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H.1.6 LTE Band 66 Antenna M1

Table H-25

LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.82	23.62	23.57	0	0
	1	36	23.82	23.81	23.70		0
	1	74	23.83	23.80	23.64		0
	36	0	22.74	22.68	22.52	0-1	1
	36	18	22.82	22.74	22.62		1
	36	37	22.79	22.73	22.64		1
	75	0	22.80	22.75	22.64		1
16QAM	1	0	23.06	23.05	22.80	0-1	1
	1	36	23.04	23.13	22.99		1
	1	74	23.05	23.12	22.89		1
	36	0	21.74	21.71	21.52	0-2	2
	36	18	21.77	21.73	21.60		2
	36	37	21.81	21.59	21.64		2
	75	0	21.75	21.69	21.61		2
64QAM	1	0	22.00	21.74	21.79	0-2	2
	1	36	22.04	21.96	21.82		2
	1	74	21.86	21.86	21.79		2
	36	0	21.11	21.09	20.86	0-3	3
	36	18	21.11	21.09	20.89		3
	36	37	21.08	21.08	20.95		3
	75	0	21.08	20.99	20.91		3
256QAM	1	0	19.20	19.08	18.84	0-5	5
	1	36	19.12	19.15	18.98		5
	1	74	19.14	19.10	19.06		5
	36	0	19.09	19.06	18.79		5
	36	18	19.08	19.08	18.88		5
	36	37	19.02	19.04	18.89		5
	75	0	19.04	18.97	18.89		5

Table H-26

LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.85	23.74	23.63	0	0
	1	12	23.93	23.78	23.89		0
	1	24	23.89	23.82	23.68		0
	12	0	22.92	22.80	22.68	0-1	1
	12	6	22.83	22.82	22.74		1
	12	13	22.83	22.71	22.55		1
	25	0	22.93	22.83	22.69		1
16QAM	1	0	23.09	23.16	23.07	0-1	1
	1	12	23.14	23.02	23.00		1
	1	24	23.31	23.00	22.90		1
	12	0	21.90	21.84	21.69	0-2	2
	12	6	21.91	21.87	21.74		2
	12	13	21.81	21.77	21.68		2
	25	0	21.85	21.72	21.62		2
64QAM	1	0	21.99	21.90	21.74	0-2	2
	1	12	21.92	22.01	21.80		2
	1	24	21.96	21.95	21.79		2
	12	0	21.20	21.15	21.00	0-3	3
	12	6	21.20	21.15	21.02		3
	12	13	21.17	21.09	20.98		3
	25	0	21.19	21.09	20.94		3
256QAM	1	0	19.24	19.29	19.00	0-5	5
	1	12	19.38	19.16	19.06		5
	1	24	19.27	19.18	19.16		5
	12	0	19.12	19.06	18.85		5
	12	6	19.09	19.07	18.87		5
	12	13	19.11	19.03	18.88		5
	25	0	19.12	19.02	18.85		5

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Table H-27

LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.82	23.72	23.57	0	0
	1	7	23.85		23.64		0
	1	14	23.87	23.78	23.63		0
	8	0	22.88	22.85	22.70	0-1	1
	8	4	22.85	22.78	22.63		1
	8	7	22.90	22.81	22.64		1
	15	0	22.86	22.80	22.57		1
16QAM	1	0	23.17	23.17	23.04	0-1	1
	1	7	23.37	23.19	22.90		1
	1	14	23.14	23.13	22.86		1
	8	0	22.01	21.86	21.71	0-2	2
	8	4	21.96	21.85	21.71		2
	8	7	21.96	21.90	21.71		2
	15	0	21.89	21.70	21.64		2
64QAM	1	0	22.02	21.80	21.79	0-2	2
	1	7	21.98	21.98	21.77		2
	1	14	21.96	21.89	21.72		2
	8	0	21.27	21.13	21.06	0-3	3
	8	4	21.24	21.13	20.99		3
	8	7	21.22	21.12	20.99		3
	15	0	21.22	21.15	21.11		3
256QAM	1	0	19.22	19.18	19.05	0-5	5
	1	7	19.24	19.26	19.00		5
	1	14	19.24	19.21	18.99		5
	8	0	19.18	19.10	18.97		5
	8	4	19.15	19.04	18.92		5
	8	7	19.20	19.05	18.92		5
	15	0	19.22	19.07	18.98		5

Table H-28

LTE Band 66 (AWS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.89	23.82	23.63	0	0
	1	2	23.92	23.85	23.71		0
	1	5	23.96	23.80	23.64		0
	3	0	23.89	23.74	23.74		0
	3	2	23.94	23.85	23.68		0
	3	3	23.88	23.73	23.75		0
	6	0	22.90	22.85	22.71	0-1	1
16QAM	1	0	23.09	23.11	22.98	0-1	1
	1	2	23.23	23.21	23.07		1
	1	5	23.20	23.09	22.89		1
	3	0	23.05	22.89	22.79		1
	3	2	23.05	22.89	22.80		1
	3	3	22.95	22.80	22.77		1
	6	0	22.04	21.89	21.72	0-2	2
64QAM	1	0	21.98	22.00	21.84	0-2	2
	1	2	22.07	22.10	21.96		2
	1	5	22.04	21.95	21.79		2
	3	0	21.90	21.85	21.77		2
	3	2	21.90	21.79	21.77		2
	3	3	22.00	21.80	21.70		2
	6	0	21.20	21.12	20.98	0-3	3
256QAM	1	0	19.15	19.32	19.07	0-5	5
	1	2	19.29	19.28	19.07		5
	1	5	19.19	19.22	19.12		5
	3	0	19.23	19.19	19.06		5
	3	2	19.18	19.09	19.08		5
	3	3	19.20	19.19	19.06		5
	6	0	19.15	19.08	18.97	5	

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Table H-29

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.13	14.36	14.52	0	0
	1	36	14.21	14.38	14.58		0
	1	74	14.23	14.43	14.70		0
	36	0	14.06	14.30	14.46	0-1	0
	36	18	14.12	14.28	14.63		0
	36	37	14.19	14.37	14.65		0
	75	0	14.22	14.38	14.59		0
16QAM	1	0	14.38	14.54	14.85	0-1	0
	1	36	14.46	14.69	14.80		0
	1	74	14.43	14.72	14.78		0
	36	0	14.08	14.36	14.54	0-2	0
	36	18	14.12	14.31	14.62		0
	36	37	14.19	14.42	14.63		0
	75	0	14.17	14.40	14.54		0
64QAM	1	0	14.33	14.49	14.76	0-2	0
	1	36	14.40	14.50	14.77		0
	1	74	14.36	14.71	14.80		0
	36	0	14.12	14.34	14.56	0-3	0
	36	18	14.18	14.36	14.58		0
	36	37	14.19	14.43	14.64		0
	75	0	14.15	14.34	14.58		0
256QAM	1	0	14.19	14.32	14.66	0-5	0
	1	36	14.28	14.47	14.70		0
	1	74	14.22	14.62	14.80		0
	36	0	14.11	14.36	14.47		0
	36	18	14.14	14.35	14.55		0
	36	37	14.11	14.40	14.66		0
	75	0	14.19	14.41	14.58		0

Table H-30

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.13	14.39	14.59	0	0
	1	12	14.14	14.27	14.65		0
	1	24	14.21	14.33	14.63		0
	12	0	14.14	14.37	14.65	0-1	0
	12	6	14.14	14.40	14.60		0
	12	13	14.08	14.33	14.59		0
	25	0	14.19	14.44	14.65		0
16QAM	1	0	14.40	14.60	14.80	0-1	0
	1	12	14.42	14.74	14.75		0
	1	24	14.39	14.59	14.71		0
	12	0	14.20	14.38	14.74	0-2	0
	12	6	14.20	14.41	14.65		0
	12	13	14.22	14.39	14.65		0
	25	0	14.16	14.37	14.63		0
64QAM	1	0	14.34	14.54	14.78	0-2	0
	1	12	14.38	14.61	14.84		0
	1	24	14.36	14.60	14.82		0
	12	0	14.16	14.38	14.71	0-3	0
	12	6	14.19	14.42	14.70		0
	12	13	14.13	14.30	14.66		0
	25	0	14.11	14.35	14.66		0
256QAM	1	0	14.12	14.51	14.66	0-5	0
	1	12	14.27	14.45	14.79		0
	1	24	14.25	14.41	14.80		0
	12	0	14.16	14.33	14.60		0
	12	6	14.13	14.39	14.64		0
	12	13	14.09	14.36	14.59		0
	25	0	14.10	14.35	14.63		0

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Table H-31

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.43	14.41	14.27	0	0
	1	7	14.43	14.41	14.25		0
	1	14	14.46	14.43	14.25		0
	8	0	14.52	14.43	14.31	0-1	0
	8	4	14.47	14.44	14.31		0
	8	7	14.46	14.38	14.25		0
	15	0	14.49	14.38	14.36		0
16QAM	1	0	14.76	14.62	14.46	0-1	0
	1	7	14.75	14.67	14.60		0
	1	14	14.79	14.82	14.55		0
	8	0	14.63	14.54	14.37	0-2	0
	8	4	14.58	14.53	14.41		0
	8	7	14.60	14.53	14.38		0
	15	0	14.49	14.44	14.34		0
64QAM	1	0	14.67	14.61	14.43	0-2	0
	1	7	14.65	14.67	14.52		0
	1	14	14.68	14.65	14.48		0
	8	0	14.54	14.53	14.33	0-3	0
	8	4	14.49	14.39	14.31		0
	8	7	14.55	14.45	14.36		0
	15	0	14.54	14.48	14.30		0
256QAM	1	0	14.59	14.53	14.39	0-5	0
	1	7	14.57	14.49	14.40		0
	1	14	14.57	14.50	14.37		0
	8	0	14.56	14.46	14.29		0
	8	4	14.47	14.47	14.31		0
	8	7	14.53	14.40	14.39		0
	15	0	14.51	14.39	14.37		0

Table H-32

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	14.35	14.43	14.25	0	0
	1	2	14.39	14.47	14.22		0
	1	5	14.30	14.44	14.29		0
	3	0	14.31	14.40	14.31		0
	3	2	14.33	14.40	14.31		0
	3	3	14.32	14.45	14.31		0
	6	0	14.32	14.42	14.30	0-1	0
16QAM	1	0	14.74	14.67	14.56	0-1	0
	1	2	14.67	14.70	14.64		0
	1	5	14.56	14.80	14.58		0
	3	0	14.40	14.53	14.43		0
	3	2	14.45	14.49	14.47		0
	3	3	14.38	14.46	14.40		0
	6	0	14.40	14.47	14.40	0-2	0
64QAM	1	0	14.53	14.60	14.42	0-2	0
	1	2	14.56	14.65	14.45		0
	1	5	14.49	14.59	14.50		0
	3	0	14.37	14.46	14.42		0
	3	2	14.40	14.52	14.37		0
	3	3	14.44	14.51	14.43		0
	6	0	14.32	14.41	14.34	0-3	0
256QAM	1	0	14.49	14.53	14.41	0-5	0
	1	2	14.53	14.53	14.45		0
	1	5	14.48	14.61	14.47		0
	3	0	14.42	14.53	14.36		0
	3	2	14.46	14.53	14.42		0
	3	3	14.46	14.53	14.38		0
	6	0	14.35	14.45	14.30	0	

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Table H-33

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.38	22.31	22.09	0	0
	1	36	22.40	22.38	22.13		0
	1	74	22.36	22.29	22.13		0
	36	0	22.33	22.30	22.07	0-1	0
	36	18	22.40	22.33	22.12		0
	36	37	22.40	22.30	22.12		0
	75	0	22.36	22.36	22.16		0
16QAM	1	0	22.56	22.55	22.26	0-1	0
	1	36	22.55	22.54	22.46		0
	1	74	22.53	22.51	22.47		0
	36	0	21.91	21.84	21.58	0-2	0.5
	36	18	21.90	21.77	21.63		0.5
	36	37	21.87	21.80	21.64		0.5
	75	0	21.86	21.78	21.62		0.5
64QAM	1	0	22.03	21.95	21.72	0-2	0.5
	1	36	22.02	22.04	21.79		0.5
	1	74	22.10	22.08	21.89		0.5
	36	0	21.25	21.26	21.00	0-3	1.5
	36	18	21.30	21.23	21.09		1.5
	36	37	21.29	21.25	21.02		1.5
	75	0	21.31	21.26	20.98		1.5
256QAM	1	0	19.28	19.30	19.10	0-5	3.5
	1	36	19.33	19.37	19.15		3.5
	1	74	19.39	19.32	19.08		3.5
	36	0	19.19	19.20	19.00	0-5	3.5
	36	18	19.24	19.19	18.99		3.5
	36	37	19.25	19.14	18.99		3.5
	75	0	19.28	19.24	18.98		3.5

Table H-34

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	22.44	22.34	22.18	0	0	
	1	25	22.40	22.38	22.17		0	
	1	49	22.44	22.37	22.19		0	
	25	0	22.44	22.35	22.17	0-1	0	
	25	12	22.44	22.38	22.17		0	
	25	25	22.40	22.28	22.14		0	
16QAM	50	0	22.38	22.36	22.16	0-1	0	
	1	0	22.56	22.56	22.37		0	
	1	25	22.54	22.52	22.47		0	
	1	49	22.51	22.49	22.50	0-2	0	
	25	0	21.88	21.90	21.60		0.5	
	25	12	21.89	21.85	21.62		0.5	
64QAM	25	25	21.82	21.86	21.59	0-2	0.5	
	50	0	21.89	21.80	21.55		0.5	
	1	0	22.05	22.11	21.88		0-2	0.5
	1	25	22.12	22.09	21.83	0.5		
	1	49	22.14	22.11	21.80	0.5		
	25	0	21.29	21.32	21.03	0-3	1.5	
25	12	21.31	21.32	21.03	1.5			
25	25	21.33	21.14	21.01	1.5			
256QAM	50	0	21.36	21.28	20.99	0-3	1.5	
	1	0	19.36	19.32	19.00		0-5	3.5
	1	25	19.42	19.46	19.09			3.5
	1	49	19.38	19.36	19.17	3.5		
	25	0	19.22	19.21	18.99	3.5		
	25	12	19.23	19.27	19.04	3.5		
256QAM	25	25	19.22	19.20	19.01	0-5	3.5	
	50	0	19.22	19.23	19.01		3.5	

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Table H-35

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.46	22.34	22.17	0	0
	1	12	22.43	22.41	22.27		0
	1	24	22.48	22.37	22.25		0
	12	0	22.46	22.35	22.16	0-1	0
	12	6	22.44	22.38	22.14		0
	12	13	22.40	22.29	22.09		0
	25	0	22.41	22.36	22.12		0
16QAM	1	0	22.55	22.56	22.44	0-1	0
	1	12	22.50	22.51	22.47		0
	1	24	22.51	22.48	22.41		0
	12	0	21.99	21.92	21.71	0-2	0.5
	12	6	21.98	21.91	21.66		0.5
	12	13	21.96	21.89	21.67		0.5
	25	0	21.92	21.86	21.62		0.5
64QAM	1	0	22.17	22.09	21.79	0-2	0.5
	1	12	22.19	22.19	21.94		0.5
	1	24	22.10	22.11	21.80		0.5
	12	0	21.31	21.29	21.11	0-3	1.5
	12	6	21.35	21.34	21.10		1.5
	12	13	21.26	21.26	21.03		1.5
	25	0	21.30	21.28	21.04		1.5
256QAM	1	0	19.40	19.37	19.08	0-5	3.5
	1	12	19.40	19.43	19.22		3.5
	1	24	19.42	19.36	19.20		3.5
	12	0	19.29	19.24	19.02		3.5
	12	6	19.28	19.27	19.05		3.5
	12	13	19.20	19.13	18.96		3.5
	25	0	19.28	19.22	19.03		3.5

Table H-36

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	22.39	22.34	22.09	0	0	
	1	7	22.43	22.29	22.11		0	
	1	14	22.40	22.37	22.13		0	
	8	0	22.39	22.35	22.13	0-1	0	
	8	4	22.46	22.32	22.08		0	
	8	7	22.39	22.31	22.09		0	
16QAM	15	0	22.43	22.35	22.18	0-1	0	
	1	0	22.55	22.51	22.35		0	
	1	7	22.54	22.45	22.38		0	
	1	14	22.52	22.47	22.39	0-2	0	
	8	0	22.02	22.00	21.68		0.5	
	8	4	21.96	21.90	21.66		0.5	
64QAM	8	7	22.03	22.00	21.74	0-2	0.5	
	15	0	21.94	21.87	21.61		0.5	
	1	0	22.10	21.95	21.83	0-2	0.5	
	1	7	21.97	22.09	21.89		0.5	
	1	14	22.08	21.98	21.77		0.5	
	8	0	21.32	21.31	21.09	0-3	1.5	
8	4	21.26	21.29	21.06	1.5			
8	7	21.29	21.27	21.13	1.5			
256QAM	15	0	21.32	21.30	21.09	0-3	1.5	
	1	0	19.38	19.33	19.10		0-5	3.5
	1	7	19.39	19.35	19.09			3.5
	1	14	19.33	19.33	19.13	3.5		
	8	0	19.28	19.31	19.11	3.5		
	8	4	19.22	19.23	19.03	3.5		
8	7	19.22	19.21	19.01	3.5			
15	0	19.30	19.25	19.08	3.5			

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Table H-37

LTE Band 66 (AWS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.41	22.32	22.11	0	0
	1	2	22.48	22.41	22.09		0
	1	5	22.43	22.37	22.16		0
	3	0	22.41	22.35	22.17		0
	3	2	22.46	22.37	22.15		0
	3	3	22.44	22.27	22.13		0
	6	0	22.43	22.36	22.14		0
16QAM	1	0	22.56	22.53	22.46	0-1	0
	1	2	22.54	22.52	22.47	0-1	0
	1	5	22.50	22.48	22.50		0
	3	0	22.58	22.49	22.35		0
	3	2	22.63	22.52	22.17		0
	3	3	22.45	22.42	22.29		0
	6	0	21.93	22.02	21.68	0-2	0.5
64QAM	1	0	22.09	22.05	21.72	0-2	0.5
	1	2	22.16	21.98	21.76		0.5
	1	5	22.10	22.07	21.71		0.5
	3	0	21.90	21.91	21.70		0.5
	3	2	21.96	21.87	21.69		0.5
	3	3	21.92	21.91	21.67		0.5
	6	0	21.23	21.27	21.10		0-3
256QAM	1	0	19.39	19.36	19.11	0-5	3.5
	1	2	19.38	19.34	19.17		3.5
	1	5	19.32	19.24	19.08		3.5
	3	0	19.31	19.30	19.15		3.5
	3	2	19.40	19.31	19.11		3.5
	3	3	19.29	19.28	19.13		3.5
	6	0	19.26	19.28	18.96		3.5

H.1.1.7 LTE Band 66 Antenna S2

Table H-38

LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.01	24.05	24.19	0	0
	1	36	24.07	24.27	24.26		0
	1	74	24.06	24.37	24.17		0
	36	0	22.91	23.14	23.27	0-1	1
	36	18	23.00	23.16	23.25		1
	36	37	23.11	23.15	23.26		1
	75	0	23.05	23.22	23.25		1
16QAM	1	0	23.35	23.28	23.61	0-1	1
	1	36	23.23	23.40	23.50		1
	1	74	23.51	23.50	23.46		1
	36	0	22.44	22.69	22.67	0-2	2
	36	18	22.52	22.64	22.77		2
	36	37	22.58	22.70	22.74		2
	75	0	22.48	22.68	22.75		2
64QAM	1	0	22.59	22.79	22.94	0-2	2
	1	36	22.74	22.93	22.88		2
	1	74	22.77	22.90	22.91		2
	36	0	21.45	21.67	21.73	0-3	3
	36	18	21.52	21.72	21.79		3
	36	37	21.61	21.69	21.69		3
	75	0	21.48	21.69	21.67		3
256QAM	1	0	19.40	19.63	19.69	0-5	5
	1	36	19.47	19.81	19.84		5
	1	74	19.62	19.75	19.78		5
	36	0	19.35	19.63	19.64		5
	36	18	19.36	19.63	19.70		5
	36	37	19.54	19.66	19.65		5
	75	0	19.39	19.66	19.66		5

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Table H-39

LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.99	24.19	24.31	0	0
	1	25	23.94	24.28	24.32		0
	1	49	24.10	24.19	24.24		0
	25	0	22.96	23.15	23.34	0-1	1
	25	12	22.98	23.14	23.27		1
	25	25	23.11	23.19	23.26		1
	50	0	23.03	23.15	23.26		1
16QAM	1	0	23.38	23.57	23.52	0-1	1
	1	25	23.30	23.39	23.58		1
	1	49	23.40	23.48	23.63		1
	25	0	22.49	22.72	22.76	0-2	2
	25	12	22.50	22.67	22.74		2
	25	25	22.59	22.65	22.68		2
	50	0	22.47	22.61	22.71		2
64QAM	1	0	22.64	22.78	22.87	0-2	2
	1	25	22.72	22.94	22.89		2
	1	49	22.67	22.87	22.92		2
	25	0	21.45	21.67	21.76	0-3	3
	25	12	21.49	21.68	21.75		3
	25	25	21.54	21.66	21.69		3
	50	0	21.44	21.68	21.75		3
256QAM	1	0	19.43	19.66	19.79	0-5	5
	1	25	19.49	19.79	19.84		5
	1	49	19.51	19.77	19.79		5
	25	0	19.43	19.63	19.78		5
	25	12	19.43	19.61	19.72		5
	25	25	19.46	19.57	19.67		5
	50	0	19.40	19.60	19.67		5

Table H-40

LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.12	24.24	24.30	0	0
	1	12	24.09	24.26	24.40		0
	1	24	24.05	24.21	24.27		0
	12	0	23.01	23.20	23.24	0-1	1
	12	6	23.01	23.17	23.22		1
	12	13	23.04	23.11	23.22		1
	25	0	23.03	23.22	23.27		1
16QAM	1	0	23.29	23.48	23.53	0-1	1
	1	12	23.41	23.45	23.52		1
	1	24	23.40	23.49	23.62		1
	12	0	22.54	22.74	22.78	0-2	2
	12	6	22.54	22.74	22.76		2
	12	13	22.58	22.74	22.74		2
	25	0	22.52	22.71	22.74		2
64QAM	1	0	22.57	22.80	22.90	0-2	2
	1	12	22.67	22.86	22.85		2
	1	24	22.64	22.89	22.90		2
	12	0	21.53	21.71	21.79	0-3	3
	12	6	21.47	21.75	21.75		3
	12	13	21.50	21.66	21.73		3
	25	0	21.48	21.70	21.72		3
256QAM	1	0	19.54	19.76	19.78	0-5	5
	1	12	19.48	19.77	19.86		5
	1	24	19.58	19.76	19.82		5
	12	0	19.38	19.61	19.67		5
	12	6	19.39	19.65	19.68		5
	12	13	19.40	19.63	19.64		5
	25	0	19.46	19.70	19.65		5

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Table H-41

LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.05	24.12	24.11	0	0
	1	7	24.04	24.20	24.17		0
	1	14	24.00	24.22	24.13		0
	8	0	22.97	23.15	23.25	0-1	1
	8	4	23.00	23.07	23.16		1
	8	7	22.95	23.10	23.20		1
	15	0	22.98	23.20	23.25		1
16QAM	1	0	23.24	23.43	23.50	0-1	1
	1	7	23.29	23.52	23.59		1
	1	14	23.32	23.54	23.52		1
	8	0	22.56	22.81	22.88	0-2	2
	8	4	22.57	22.82	22.73		2
	8	7	22.56	22.84	22.82		2
	15	0	22.48	22.75	22.73		2
64QAM	1	0	22.65	22.90	22.84	0-2	2
	1	7	22.64	22.84	22.85		2
	1	14	22.68	22.73	22.76		2
	8	0	21.50	21.73	21.72	0-3	3
	8	4	21.47	21.65	21.76		3
	8	7	21.46	21.70	21.71		3
	15	0	21.50	21.73	21.77		3
256QAM	1	0	19.43	19.71	19.81	0-5	5
	1	7	19.52	19.76	19.74		5
	1	14	19.51	19.75	19.76		5
	8	0	19.44	19.69	19.66		5
	8	4	19.45	19.65	19.66		5
	8	7	19.41	19.64	19.65		5
	15	0	19.45	19.64	19.69		5

Table H-42

LTE Band 66 (AWS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	24.06	24.16	24.17	0	0
	1	2	23.97	24.18	24.33		0
	1	5	23.95	24.17	24.15		0
	3	0	24.04	24.18	24.21		0
	3	2	24.09	24.24	24.26		0
	3	3	24.06	24.16	24.27		0
	6	0	23.06	23.17	23.21	0-1	1
16QAM	1	0	23.26	23.44	23.50	0-1	1
	1	2	23.28	23.64	23.57		1
	1	5	23.32	23.48	23.58		1
	3	0	23.17	23.27	23.38		1
	3	2	23.11	23.37	23.39		1
	3	3	23.15	23.34	23.29		1
	6	0	22.50	22.77	22.74	0-2	2
64QAM	1	0	22.66	22.88	22.88	0-2	2
	1	2	22.64	22.83	22.88		2
	1	5	22.68	22.89	22.83		2
	3	0	22.53	22.69	22.68		2
	3	2	22.59	22.71	22.75		2
	3	3	22.56	22.72	22.72		2
	6	0	21.48	21.72	21.72	0-3	3
256QAM	1	0	19.56	19.82	19.70	0-5	5
	1	2	19.47	19.86	19.75		5
	1	5	19.56	19.70	19.75		5
	3	0	19.48	19.79	19.73		5
	3	2	19.56	19.74	19.76		5
	3	3	19.49	19.75	19.68		5
	6	0	19.40	19.64	19.63	5	

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Table H-43

LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 66 (AWS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132047 (1717.5 MHz)	132322 (1745.0 MHz)	132597 (1772.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.25	12.37	12.39	0	0
	1	36	12.32	12.60	12.63		0
	1	74	12.44	12.59	12.61		0
	36	0	12.23	12.54	12.50	0-1	0
	36	18	12.33	12.46	12.55		0
	36	37	12.41	12.53	12.56		0
	75	0	12.40	12.57	12.59		0
16QAM	1	0	12.51	12.73	12.82	0-1	0
	1	36	12.54	12.80	12.87		0
	1	74	12.60	12.79	12.96		0
	36	0	12.31	12.55	12.57	0-2	0
	36	18	12.31	12.57	12.62		0
	36	37	12.44	12.52	12.54		0
	75	0	12.36	12.59	12.58		0
64QAM	1	0	12.45	12.67	12.69	0-2	0
	1	36	12.50	12.76	12.86		0
	1	74	12.60	12.74	12.80		0
	36	0	12.28	12.58	12.58	0-3	0
	36	18	12.39	12.49	12.61		0
	36	37	12.47	12.48	12.57		0
	75	0	12.33	12.56	12.58		0
256QAM	1	0	12.39	12.53	12.59	0-5	0
	1	36	12.45	12.68	12.77		0
	1	74	12.61	12.68	12.66		0
	36	0	12.28	12.55	12.56		0
	36	18	12.36	12.49	12.59		0
	36	37	12.42	12.54	12.59		0
	75	0	12.38	12.55	12.59		0

Table H-44

LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 66 (AWS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			132022 (1715.0 MHz)	132322 (1745.0 MHz)	132622 (1775.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.29	12.45	12.49	0	0
	1	25	12.33	12.55	12.60		0
	1	49	12.34	12.54	12.59		0
	25	0	12.30	12.56	12.67	0-1	0
	25	12	12.32	12.54	12.64		0
	25	25	12.35	12.49	12.55		0
	50	0	12.37	12.56	12.64		0
16QAM	1	0	12.65	12.75	12.66	0-1	0
	1	25	12.75	12.84	12.85		0
	1	49	12.64	12.88	12.86		0
	25	0	12.29	12.59	12.64	0-2	0
	25	12	12.33	12.56	12.61		0
	25	25	12.44	12.53	12.59		0
	50	0	12.30	12.54	12.58		0
64QAM	1	0	12.49	12.75	12.79	0-2	0
	1	25	12.48	12.81	12.76		0
	1	49	12.48	12.67	12.79		0
	25	0	12.30	12.49	12.59	0-3	0
	25	12	12.35	12.56	12.60		0
	25	25	12.42	12.47	12.53		0
	50	0	12.35	12.54	12.60		0
256QAM	1	0	12.29	12.64	12.65	0-5	0
	1	25	12.45	12.68	12.72		0
	1	49	12.50	12.70	12.75		0
	25	0	12.33	12.57	12.67		0
	25	12	12.36	12.56	12.63		0
	25	25	12.36	12.52	12.57		0
	50	0	12.33	12.54	12.58		0

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Table H-45

LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 66 (AWS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131997 (1712.5 MHz)	132322 (1745.0 MHz)	132647 (1777.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.29	12.52	12.62	0	0
	1	12	12.36	12.59	12.71		0
	1	24	12.39	12.63	12.62		0
	12	0	12.35	12.58	12.57	0-1	0
	12	6	12.27	12.56	12.56		0
	12	13	12.28	12.53	12.55		0
	25	0	12.36	12.56	12.57		0
16QAM	1	0	12.63	12.69	12.91	0-1	0
	1	12	12.75	13.02	12.92		0
	1	24	12.71	12.89	12.96		0
	12	0	12.41	12.58	12.66	0-2	0
	12	6	12.41	12.60	12.67		0
	12	13	12.35	12.57	12.59		0
	25	0	12.37	12.59	12.61		0
64QAM	1	0	12.46	12.68	12.84	0-2	0
	1	12	12.50	12.79	12.77		0
	1	24	12.52	12.79	12.78		0
	12	0	12.40	12.58	12.60	0-3	0
	12	6	12.38	12.60	12.65		0
	12	13	12.41	12.57	12.63		0
	25	0	12.34	12.57	12.52		0
256QAM	1	0	12.44	12.52	12.73	0-5	0
	1	12	12.51	12.71	12.76		0
	1	24	12.48	12.71	12.71		0
	12	0	12.32	12.57	12.66		0
	12	6	12.33	12.58	12.61		0
	12	13	12.36	12.54	12.59		0
	25	0	12.40	12.59	12.56		0

Table H-46

LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 66 (AWS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131987 (1711.5 MHz)	132322 (1745.0 MHz)	132657 (1778.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.27	12.56	12.56	0	0
	1	7	12.22	12.56	12.53		0
	1	14	12.30	12.56	12.53		0
	8	0	12.28	12.59	12.57	0-1	0
	8	4	12.29	12.53	12.57		0
	8	7	12.31	12.56	12.61		0
	15	0	12.27	12.59	12.57		0
16QAM	1	0	12.62	12.89	12.88	0-1	0
	1	7	12.57	12.70	12.83		0
	1	14	12.63	12.79	12.88		0
	8	0	12.42	12.58	12.71	0-2	0
	8	4	12.44	12.69	12.61		0
	8	7	12.39	12.66	12.65		0
	15	0	12.31	12.56	12.55		0
64QAM	1	0	12.48	12.75	12.67	0-2	0
	1	7	12.52	12.64	12.78		0
	1	14	12.45	12.67	12.73		0
	8	0	12.40	12.60	12.63	0-3	0
	8	4	12.40	12.61	12.56		0
	8	7	12.42	12.64	12.58		0
	15	0	12.39	12.60	12.62		0
256QAM	1	0	12.42	12.69	12.78	0-5	0
	1	7	12.39	12.69	12.60		0
	1	14	12.46	12.56	12.66		0
	8	0	12.36	12.66	12.64		0
	8	4	12.35	12.60	12.62		0
	8	7	12.35	12.58	12.64		0
	15	0	12.38	12.61	12.65		0

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Table H-47

LTE Band 66 (AWS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 66 (AWS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			131979 (1710.7 MHz)	132322 (1745.0 MHz)	132665 (1779.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.26	12.37	12.42	0	0
	1	2	12.38	12.38	12.45		0
	1	5	12.36	12.40	12.41		0
	3	0	12.39	12.38	12.42		0
	3	2	12.39	12.40	12.43		0
	3	3	12.34	12.32	12.41		0
	6	0	12.31	12.39	12.40	0-1	0
16QAM	1	0	12.65	12.69	12.79	0-1	0
	1	2	12.54	12.69	12.80		0
	1	5	12.59	12.64	12.85		0
	3	0	12.51	12.46	12.53		0
	3	2	12.53	12.50	12.44		0
	3	3	12.43	12.51	12.48		0
	6	0	12.11	12.38	12.42	0-2	0
64QAM	1	0	12.22	12.55	12.56	0-2	0
	1	2	12.25	12.56	12.57		0
	1	5	12.24	12.58	12.55		0
	3	0	12.15	12.38	12.42		0
	3	2	12.14	12.44	12.46		0
	3	3	12.21	12.46	12.39		0
	6	0	12.16	12.37	12.41	0-3	0
256QAM	1	0	12.18	12.55	12.53	0-5	0
	1	2	12.18	12.52	12.53		0
	1	5	12.20	12.44	12.55		0
	3	0	12.16	12.43	12.47		0
	3	2	12.25	12.45	12.47		0
	3	3	12.23	12.42	12.51		0
	6	0	12.08	12.37	12.41	0	

H.1.8 LTE Band 25 Antenna M1

Table H-48

LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.39	23.41	23.43	0	0
	1	36	23.47	23.47	23.41		0
	1	74	23.49	23.44	23.36		0
	36	0	22.90	22.91	22.98	0-1	1
	36	18	22.98	22.92	22.92		1
	36	37	22.96	22.95	22.83		1
	75	0	22.95	22.96	22.95		1
16QAM	1	0	23.22	23.25	23.20	0-1	1
	1	36	23.27	23.31	23.16		1
	1	74	23.27	23.27	23.13		1
	36	0	21.90	21.92	21.94	0-2	2
	36	18	21.97	21.96	21.92		2
	36	37	21.92	21.95	21.85		2
	75	0	21.94	21.95	21.89		2
64QAM	1	0	22.09	22.10	22.12	0-2	2
	1	36	22.13	22.10	22.06		2
	1	74	22.15	22.07	22.04		2
	36	0	20.87	20.91	20.93	0-3	3
	36	18	20.91	20.90	20.91		3
	36	37	20.91	20.95	20.86		3
	75	0	20.90	20.90	20.87		3
256QAM	1	0	19.23	19.26	19.23	0-5	5
	1	36	19.26	19.27	19.27		5
	1	74	19.30	19.22	19.25		5
	36	0	19.13	19.19	19.20		5
	36	18	19.18	19.16	19.19		5
	36	37	19.16	19.21	19.15		5
	75	0	19.18	19.18	19.17		5

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Table H-49
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.45	23.43	23.41	0	0
	1	25	23.52	23.51	23.34		0
	1	49	23.43	23.45	23.43		0
	25	0	22.97	22.96	22.96	0-1	1
	25	12	22.98	22.97	22.94		1
	25	25	23.00	23.01	22.86		1
	50	0	23.00	23.00	22.98		1
16QAM	1	0	23.21	23.31	23.23	0-1	1
	1	25	23.36	23.35	23.27		1
	1	49	23.24	23.31	23.18		1
	25	0	21.92	21.97	21.95	0-2	2
	25	12	21.94	21.98	21.89		2
	25	25	21.97	21.98	21.81		2
	50	0	21.95	21.96	21.92		2
64QAM	1	0	22.16	22.07	22.09	0-2	2
	1	25	22.17	22.16	22.06		2
	1	49	22.16	22.16	21.96		2
	25	0	20.88	20.89	20.92	0-3	3
	25	12	20.89	20.93	20.89		3
	25	25	20.93	20.92	20.80		3
	50	0	20.91	20.93	20.90		3
256QAM	1	0	19.28	19.29	19.25	0-5	5
	1	25	19.32	19.34	19.30		5
	1	49	19.28	19.28	19.23		5
	25	0	19.15	19.15	19.23		5
	25	12	19.24	19.23	19.20		5
	25	25	19.21	19.19	19.13		5
	50	0	19.19	19.20	19.17		5

Table H-50
LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.44	23.49	23.33	0	0
	1	12	23.45	23.52	23.45		0
	1	24	23.42	23.51	23.37		0
	12	0	22.98	22.99	22.95	0-1	1
	12	6	22.96	22.96	22.92		1
	12	13	22.90	22.88	22.78		1
	25	0	22.97	23.01	22.93		1
16QAM	1	0	23.26	23.29	23.19	0-1	1
	1	12	23.25	23.36	23.21		1
	1	24	23.22	23.15	23.06		1
	12	0	22.02	22.03	21.99	0-2	2
	12	6	21.97	22.00	21.91		2
	12	13	21.93	21.95	21.87		2
	25	0	21.96	21.96	21.88		2
64QAM	1	0	22.07	22.10	22.03	0-2	2
	1	12	22.11	22.18	22.02		2
	1	24	22.12	22.16	22.01		2
	12	0	20.93	20.96	20.92	0-3	3
	12	6	20.91	20.92	20.91		3
	12	13	20.82	20.88	20.85		3
	25	0	20.89	20.89	20.85		3
256QAM	1	0	19.25	19.36	19.32	0-5	5
	1	12	19.29	19.31	19.30		5
	1	24	19.29	19.30	19.24		5
	12	0	19.19	19.21	19.24		5
	12	6	19.15	19.20	19.20		5
	12	13	19.10	19.13	19.10		5
	25	0	19.16	19.19	19.19		5

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Table H-51

LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.40	23.43	23.32	0	0
	1	7	23.46	23.46	23.35		0
	1	14	23.40	23.42	23.37		0
	8	0	22.96	22.99	22.90	0-1	1
	8	4	22.90	22.93	22.87		1
	8	7	22.90	22.96	22.84		1
	15	0	22.96	22.96	22.89		1
16QAM	1	0	23.23	23.31	23.11	0-1	1
	1	7	23.21	23.38	23.19		1
	1	14	23.17	23.32	23.06		1
	8	0	22.07	22.05	21.99	0-2	2
	8	4	22.00	21.99	21.98		2
	8	7	22.03	22.05	21.97		2
	15	0	21.95	21.97	21.92		2
64QAM	1	0	22.08	22.12	22.03	0-2	2
	1	7	22.12	22.14	22.04		2
	1	14	22.12	22.09	21.99		2
	8	0	20.95	20.98	20.92	0-3	3
	8	4	20.88	20.95	20.87		3
	8	7	20.90	20.94	20.90		3
	15	0	20.95	20.98	20.89		3
256QAM	1	0	19.30	19.34	19.31	0-5	5
	1	7	19.20	19.27	19.27		5
	1	14	19.24	19.26	19.21		5
	8	0	19.14	19.18	19.20		5
	8	4	19.14	19.14	19.15		5
	8	7	19.16	19.17	19.17		5
	15	0	19.17	19.20	19.20		5

Table H-52

LTE Band 25 (PCS) Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.40	23.45	23.32	0	0
	1	2	23.39	23.54	23.33		0
	1	5	23.40	23.46	23.38		0
	3	0	23.43	23.43	23.35		0
	3	2	23.40	23.43	23.30		0
	3	3	23.44	23.45	23.35		0
	6	0	22.93	22.96	22.88	0-1	1
16QAM	1	0	23.23	23.32	23.16	0-1	1
	1	2	23.22	23.27	23.24		1
	1	5	23.13	23.34	23.14		1
	3	0	23.09	23.09	23.00		1
	3	2	23.03	23.04	23.02		1
	3	3	23.01	23.08	22.95		1
	6	0	21.94	21.98	21.93	0-2	2
64QAM	1	0	22.08	22.16	21.95	0-2	2
	1	2	22.09	22.14	21.94		2
	1	5	22.06	22.10	21.96		2
	3	0	21.94	21.98	21.82		2
	3	2	21.95	21.99	21.93		2
	3	3	21.91	22.02	21.92		2
	6	0	20.87	20.93	20.84	0-3	3
256QAM	1	0	19.23	19.30	19.21	0-5	5
	1	2	19.25	19.26	19.30		5
	1	5	19.27	19.30	19.23		5
	3	0	19.21	19.23	19.19		5
	3	2	19.22	19.29	19.20		5
	3	3	19.29	19.32	19.17		5
	6	0	19.12	19.18	19.15	5	

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Table H-53

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.09	12.10	12.08	0	0
	1	36	12.16	12.17	12.15		0
	1	74	12.21	12.13	12.15		0
	36	0	12.12	12.12	12.12	0-1	0
	36	18	12.17	12.14	12.11		0
	36	37	12.19	12.10	12.10		0
	75	0	12.18	12.12	12.18		0
16QAM	1	0	12.38	12.49	12.39	0-1	0
	1	36	12.32	12.40	12.32		0
	1	74	12.54	12.41	12.28		0
	36	0	12.15	12.19	12.15	0-2	0
	36	18	12.10	12.13	12.15		0
	36	37	12.20	12.12	12.12		0
	75	0	12.18	12.15	12.12		0
64QAM	1	0	12.28	12.28	12.24	0-2	0
	1	36	12.27	12.36	12.34		0
	1	74	12.44	12.30	12.24		0
	36	0	12.18	12.22	12.15	0-3	0
	36	18	12.16	12.21	12.15		0
	36	37	12.23	12.19	12.14		0
	75	0	12.18	12.16	12.19		0
256QAM	1	0	12.21	12.22	12.23	0-5	0
	1	36	12.27	12.25	12.25		0
	1	74	12.33	12.23	12.25		0
	36	0	12.17	12.17	12.20		0
	36	18	12.21	12.18	12.13		0
	36	37	12.23	12.18	12.15		0
	75	0	12.18	12.14	12.12		0

Table H-54

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.17	12.11	12.08	0	0
	1	25	12.19	12.23	12.14		0
	1	49	12.23	12.17	12.11		0
	25	0	12.10	12.16	12.14	0-1	0
	25	12	12.15	12.15	12.10		0
	25	25	12.15	12.17	12.05		0
	50	0	12.19	12.16	12.15		0
16QAM	1	0	12.38	12.47	12.29	0-1	0
	1	25	12.48	12.41	12.44		0
	1	49	12.60	12.50	12.50		0
	25	0	12.10	12.12	12.16	0-2	0
	25	12	12.16	12.20	12.11		0
	25	25	12.12	12.17	12.07		0
	50	0	12.15	12.17	12.12		0
64QAM	1	0	12.34	12.32	12.23	0-2	0
	1	25	12.35	12.38	12.37		0
	1	49	12.45	12.34	12.27		0
	25	0	12.11	12.15	12.13	0-3	0
	25	12	12.14	12.13	12.10		0
	25	25	12.12	12.17	12.05		0
	50	0	12.20	12.17	12.14		0
256QAM	1	0	12.27	12.25	12.18	0-5	0
	1	25	12.16	12.32	12.17		0
	1	49	12.38	12.27	12.23		0
	25	0	12.11	12.13	12.17		0
	25	12	12.15	12.15	12.11		0
	25	25	12.19	12.15	12.07		0
	50	0	12.13	12.13	12.08		0

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Table H-55

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.14	12.16	12.05	0	0
	1	12	12.05	12.20	12.03		0
	1	24	12.13	12.20	12.06		0
	12	0	12.09	12.15	12.08	0-1	0
	12	6	12.08	12.13	12.04		0
	12	13	12.06	12.08	12.05		0
	25	0	12.11	12.10	12.08		0
16QAM	1	0	12.46	12.43	12.26	0-1	0
	1	12	12.41	12.49	12.36		0
	1	24	12.37	12.51	12.43		0
	12	0	12.17	12.19	12.13	0-2	0
	12	6	12.16	12.18	12.16		0
	12	13	12.12	12.08	12.13		0
	25	0	12.10	12.12	12.05		0
64QAM	1	0	12.30	12.36	12.25	0-2	0
	1	12	12.33	12.38	12.26		0
	1	24	12.32	12.36	12.26		0
	12	0	12.12	12.19	12.11	0-3	0
	12	6	12.15	12.17	12.04		0
	12	13	12.13	12.09	12.03		0
	25	0	12.12	12.13	12.04		0
256QAM	1	0	12.15	12.27	12.15	0-5	0
	1	12	12.17	12.26	12.14		0
	1	24	12.34	12.28	12.08		0
	12	0	12.16	12.10	12.10		0
	12	6	12.13	12.13	12.05		0
	12	13	12.10	12.01	12.01		0
	25	0	12.15	12.13	12.03		0

Table H-56

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.04	12.04	11.96	0	0
	1	7	12.01	12.02	12.10		0
	1	14	12.03	12.02	11.93		0
	8	0	12.09	12.13	12.05	0-1	0
	8	4	12.03	12.02	12.02		0
	8	7	12.05	12.06	11.94		0
	15	0	12.01	12.07	12.02		0
16QAM	1	0	12.28	12.49	12.24	0-1	0
	1	7	12.27	12.39	12.30		0
	1	14	12.29	12.36	12.29		0
	8	0	12.13	12.16	12.15	0-2	0
	8	4	12.15	12.17	12.10		0
	8	7	12.18	12.17	12.14		0
	15	0	12.06	12.08	12.08		0
64QAM	1	0	12.19	12.23	12.14	0-2	0
	1	7	12.27	12.28	12.11		0
	1	14	12.21	12.29	12.18		0
	8	0	12.09	12.10	12.09	0-3	0
	8	4	12.06	12.12	12.02		0
	8	7	12.08	12.07	12.00		0
	15	0	12.13	12.07	12.03		0
256QAM	1	0	12.12	12.13	12.13	0-5	0
	1	7	12.20	12.17	12.06		0
	1	14	12.15	12.16	12.13		0
	8	0	12.16	12.09	12.08		0
	8	4	12.11	12.05	12.01		0
	8	7	12.12	12.07	12.03		0
	15	0	12.07	12.08	12.08		0

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LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.06	12.08	12.04	0	0
	1	2	12.12	12.16	12.03		0
	1	5	12.09	12.12	12.02		0
	3	0	12.08	12.07	12.04		0
	3	2	12.09	12.13	12.05		0
	3	3	12.06	12.07	12.00		0
	6	0	12.10	12.09	12.06		0-1
16QAM	1	0	12.34	12.46	12.27	0-1	0
	1	2	12.60	12.44	12.30		0
	1	5	12.37	12.37	12.43		0
	3	0	12.29	12.21	12.23		0
	3	2	12.19	12.16	12.10		0
	3	3	12.12	12.22	12.15		0
	6	0	12.15	12.07	12.07		0-2
64QAM	1	0	12.33	12.29	12.17	0-2	0
	1	2	12.23	12.29	12.28		0
	1	5	12.26	12.27	12.20		0
	3	0	12.15	12.21	12.10		0
	3	2	12.16	12.14	12.13		0
	3	3	12.18	12.15	12.13		0
	6	0	12.04	12.11	12.05		0-3
256QAM	1	0	12.25	12.21	12.10	0-5	0
	1	2	12.25	12.22	12.20		0
	1	5	12.20	12.19	12.08		0
	3	0	12.16	12.18	12.12		0
	3	2	12.18	12.15	12.18		0
	3	3	12.20	12.19	12.13		0
	6	0	12.08	12.06	12.03		0

Table H-58

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	16.97	17.12	17.04	0	0
	1	36	16.99	17.27	17.19		0
	1	74	17.04	17.27	17.28		0
	36	0	17.16	17.26	17.21	0-1	0
	36	18	16.93	17.23	17.20		0
	36	37	16.91	17.23	17.21		0
	75	0	17.31	17.26	17.28		0
16QAM	1	0	17.55	17.56	17.50	0-1	0
	1	36	17.55	17.49	17.53		0
	1	74	17.29	17.54	17.60		0
	36	0	16.96	17.30	17.23	0-2	0
	36	18	16.97	17.26	17.20		0
	36	37	16.99	17.24	17.22		0
	75	0	16.95	17.26	17.23		0
64QAM	1	0	17.14	17.46	17.42	0-2	0
	1	36	17.16	17.47	17.41		0
	1	74	17.24	17.43	17.42		0
	36	0	17.11	17.25	17.23	0-3	0
	36	18	17.13	17.24	17.22		0
	36	37	17.15	17.26	17.20		0
	75	0	17.12	17.26	17.27		0
256QAM	1	0	17.14	17.33	17.36	0-5	0
	1	36	17.13	17.41	17.32		0
	1	74	17.12	17.41	17.44		0
	36	0	16.99	17.29	17.31		0
	36	18	17.14	17.27	17.26		0
	36	37	17.16	17.26	17.24		0
	75	0	17.12	17.27	17.27		0

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Table H-59

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.29	17.30	17.21	0	0
	1	25	17.32	17.36	17.25		0
	1	49	17.36	17.33	17.33		0
	25	0	17.30	17.34	17.34	0-1	0
	25	12	17.33	17.38	17.30		0
	25	25	17.30	17.34	17.29		0
	50	0	17.32	17.30	17.29	0	
16QAM	1	0	17.58	17.58	17.60	0-1	0
	1	25	17.60	17.55	17.50		0
	1	49	17.66	17.56	17.70		0
	25	0	17.29	17.31	17.34	0-2	0
	25	12	17.31	17.33	17.30		0
	25	25	17.29	17.32	17.29		0
	50	0	17.34	17.29	17.30	0	
64QAM	1	0	17.52	17.54	17.44	0-2	0
	1	25	17.49	17.56	17.45		0
	1	49	17.51	17.50	17.44		0
	25	0	17.31	17.30	17.37	0-3	0
	25	12	17.28	17.34	17.31		0
	25	25	17.30	17.33	17.33		0
	50	0	17.32	17.31	17.31	0	
256QAM	1	0	17.45	17.45	17.37	0-5	0
	1	25	17.44	17.48	17.38		0
	1	49	17.44	17.48	17.45		0
	25	0	17.31	17.31	17.38		0
	25	12	17.33	17.34	17.35		0
	25	25	17.30	17.36	17.33		0
	50	0	17.28	17.32	17.32		0

Table H-60

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	17.03	17.18	17.06	0	0	
	1	12	17.05	17.21	17.05		0	
	1	24	17.06	17.14	17.12		0	
	12	0	17.00	17.09	17.07	0-1	0	
	12	6	17.02	17.13	17.08		0	
	12	13	17.00	17.05	16.99		0	
16QAM	25	0	17.04	17.13	17.10	0-1	0	
	1	0	17.35	17.46	17.31		0-2	0
	1	12	17.39	17.47	17.36			0
	1	24	17.39	17.51	17.46	0-2		0
	12	0	17.07	17.19	17.11		0	
	12	6	17.14	17.20	17.18		0	
64QAM	12	13	17.06	17.12	17.14	0-2	0	
	25	0	17.07	17.14	17.13		0-3	0
	1	0	17.24	17.35	17.26			0
	1	12	17.20	17.41	17.30	0-3		0
	1	24	17.27	17.33	17.30		0-3	0
	12	0	17.12	17.15	17.16			0
256QAM	12	6	17.12	17.17	17.16	0-3		0
	12	13	17.10	17.14	17.12		0-5	0
	25	0	17.05	17.15	17.11			0
	1	0	17.21	17.33	17.21	0-5		0
	1	12	17.18	17.33	17.27		0	
	1	24	17.16	17.26	17.24		0	
12	0	17.08	17.15	17.14	0			
12	6	17.11	17.16	17.18	0			
12	13	16.99	17.12	17.07	0			
25	0	17.08	17.15	17.12	0			

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LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.20	17.19	17.14	0	0
	1	7	17.18	17.23	17.16		0
	1	14	17.21	17.18	17.15		0
	8	0	17.21	17.19	17.24	0-1	0
	8	4	17.13	17.15	17.14		0
	8	7	17.12	17.15	17.19		0
	15	0	17.15	17.21	17.19		0
16QAM	1	0	17.41	17.48	17.45	0-1	0
	1	7	17.47	17.55	17.52		0
	1	14	17.43	17.39	17.44		0
	8	0	17.27	17.33	17.29	0-2	0
	8	4	17.22	17.32	17.31		0
	8	7	17.24	17.28	17.32		0
	15	0	17.14	17.22	17.22		0
64QAM	1	0	17.29	17.29	17.31	0-2	0
	1	7	17.34	17.44	17.36		0
	1	14	17.26	17.34	17.37		0
	8	0	17.17	17.28	17.26	0-3	0
	8	4	17.15	17.19	17.22		0
	8	7	17.14	17.20	17.23		0
	15	0	17.19	17.24	17.23		0
256QAM	1	0	17.27	17.25	17.27	0-5	0
	1	7	17.25	17.37	17.24		0
	1	14	17.24	17.23	17.23		0
	8	0	17.20	17.22	17.23		0
	8	4	17.16	17.16	17.26		0
	8	7	17.18	17.23	17.20		0
	15	0	17.18	17.21	17.30		0

Table H-62

LTE Band 25 (PCS) Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	17.09	17.11	17.05	0	0
	1	2	17.10	17.15	17.07		0
	1	5	17.05	17.15	17.08		0
	3	0	17.08	17.10	17.08		0
	3	2	17.06	17.11	17.13		0
	3	3	17.06	17.10	17.08		0
	6	0	17.13	17.09	17.10	0-1	0
16QAM	1	0	17.41	17.40	17.44	0-1	0
	1	2	17.43	17.37	17.56		0
	1	5	17.40	17.42	17.36		0
	3	0	17.16	17.20	17.23		0
	3	2	17.16	17.25	17.22		0
	3	3	17.19	17.18	17.20		0
	6	0	17.13	17.18	17.15	0-2	0
64QAM	1	0	17.27	17.35	17.31	0-2	0
	1	2	17.22	17.35	17.28		0
	1	5	17.26	17.28	17.26		0
	3	0	17.16	17.17	17.18		0
	3	2	17.17	17.15	17.17		0
	3	3	17.19	17.22	17.14		0
	6	0	17.13	17.14	17.17	0-3	0
256QAM	1	0	17.17	17.28	17.23	0-5	0
	1	2	17.28	17.23	17.25		0
	1	5	17.23	17.23	17.19		0
	3	0	17.20	17.19	17.14		0
	3	2	17.14	17.22	17.15		0
	3	3	17.18	17.18	17.21		0
	6	0	17.05	17.10	17.12	0	

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H.1.9 LTE Band 25 Antenna S2

Table H-63

LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.79	22.73	22.91	0	0
	1	36	22.93	22.91	23.04		0
	1	74	22.88	22.95	23.00		0
	36	0	22.19	22.10	22.32	0-1	1
	36	18	22.23	22.11	22.29		1
	36	37	22.21	22.17	22.25		1
	75	0	22.25	22.12	22.32		1
16QAM	1	0	22.51	22.36	22.47	0-1	1
	1	36	22.60	22.42	22.60		1
	1	74	22.65	22.59	22.63		1
	36	0	21.24	21.15	21.33	0-2	2
	36	18	21.29	21.15	21.36		2
	36	37	21.24	21.16	21.26		2
	75	0	21.18	21.14	21.30		2
64QAM	1	0	21.42	21.23	21.39	0-2	2
	1	36	21.43	21.36	21.50		2
	1	74	21.45	21.36	21.50		2
	36	0	20.20	20.11	20.33	0-3	3
	36	18	20.23	20.14	20.35		3
	36	37	20.23	20.14	20.25		3
	75	0	20.13	20.13	20.26		3
256QAM	1	0	18.11	18.10	18.22	0-5	5
	1	36	18.28	18.09	18.46		5
	1	74	18.28	18.30	18.39		5
	36	0	18.15	18.02	18.19		5
	36	18	18.19	18.10	18.29		5
	36	37	18.15	18.06	18.24		5
	75	0	18.13	18.05	18.25		5

Table H-64

LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.83	22.78	23.09	0	0
	1	25	22.94	22.87	22.97		0
	1	49	22.87	22.94	22.98		0
	25	0	22.24	22.17	22.45	0-1	1
	25	12	22.25	22.17	22.35		1
	25	25	22.25	22.14	22.23		1
	50	0	22.21	22.12	22.39		1
16QAM	1	0	22.59	22.45	22.70	0-1	1
	1	25	22.60	22.52	22.59		1
	1	49	22.52	22.56	22.62		1
	25	0	21.21	21.17	21.47	0-2	2
	25	12	21.27	21.14	21.36		2
	25	25	21.21	21.14	21.28		2
	50	0	21.19	21.10	21.37		2
64QAM	1	0	21.40	21.28	21.48	0-2	2
	1	25	21.38	21.35	21.47		2
	1	49	21.47	21.37	21.46		2
	25	0	20.17	20.05	20.42	0-3	3
	25	12	20.22	20.18	20.32		3
	25	25	20.14	20.17	20.20		3
	50	0	20.17	20.16	20.38		3
256QAM	1	0	18.27	18.10	18.33	0-5	5
	1	25	18.21	18.23	18.25		5
	1	49	18.16	18.25	18.33		5
	25	0	18.15	18.03	18.38		5
	25	12	18.16	18.13	18.31		5
	25	25	18.11	18.14	18.19		5
	50	0	18.13	18.07	18.35		5

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LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)			
			Conducted Power [dBm]					
QPSK	1	0	22.80	22.76	22.97	0	0	
	1	12	22.88	22.91	23.08		0	
	1	24	22.96	22.90	23.09		0	
	12	0	22.23	22.18	22.33	0-1	1	
	12	6	22.22	22.15	22.30		1	
	12	13	22.27	22.09	22.28		1	
16QAM	25	0	22.25	22.19	22.37	0-1	1	
	1	0	22.62	22.50	22.59		0-2	1
	1	12	22.69	22.58	22.57			1
	1	24	22.45	22.57	22.65	0-2		1
	12	0	21.23	21.20	21.41		2	
	12	6	21.32	21.26	21.36		2	
64QAM	12	13	21.25	21.19	21.33	0-2	2	
	25	0	21.20	21.19	21.35		0-3	2
	1	0	21.41	21.33	21.45			2
	1	12	21.40	21.34	21.48	0-3		2
	1	24	21.46	21.35	21.51		0-3	2
	12	0	20.19	20.16	20.34			3
256QAM	12	6	20.25	20.15	20.35	0-3		3
	12	13	20.27	20.17	20.30		0-3	3
	25	0	20.21	20.09	20.33			3
	1	0	18.25	18.13	18.39	0-5		5
	1	12	18.34	18.27	18.24		5	
	1	24	18.27	18.21	18.31		5	
12	0	18.12	18.10	18.27	5			
12	6	18.14	18.06	18.22	5			
12	13	18.17	18.04	18.18	5			
	25	0	18.16	18.05	18.23		5	

Table H-66

LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 3 MHz Bandwidth

LTE Band 25 (PCS) 3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.83	22.75	22.85	0	0
	1	7	23.02	22.72	23.06		0
	1	14	22.83	22.73	22.89		0
	8	0	22.23	22.16	22.23	0-1	1
	8	4	22.19	22.12	22.24		1
	8	7	22.14	22.10	22.17		1
	15	0	22.25	22.12	22.28		1
16QAM	1	0	22.48	22.32	22.57	0-1	1
	1	7	22.50	22.46	22.62		1
	1	14	22.49	22.51	22.52		1
	8	0	21.30	21.26	21.34	0-2	2
	8	4	21.33	21.17	21.34		2
	8	7	21.31	21.20	21.39		2
	15	0	21.22	21.17	21.28		2
64QAM	1	0	21.34	21.14	21.32	0-2	2
	1	7	21.32	21.30	21.49		2
	1	14	21.29	21.24	21.36		2
	8	0	20.21	20.20	20.30	0-3	3
	8	4	20.18	20.09	20.26		3
	8	7	20.16	20.12	20.28		3
	15	0	20.23	20.15	20.29		3
256QAM	1	0	18.20	18.20	18.31	0-5	5
	1	7	18.06	18.13	18.32		5
	1	14	18.22	18.14	18.27		5
	8	0	18.10	18.12	18.18		5
	8	4	18.13	18.12	18.18		5
	8	7	18.15	18.13	18.18		5
	15	0	18.13	18.09	18.18		5

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LTE Band 25 (PCS) Antenna S2 Measured P_{Max} for ECI = 0 (Free) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.80	22.74	22.68	0	0
	1	2	22.73	22.78	22.81		0
	1	5	22.69	22.70	22.69		0
	3	0	22.76	22.80	22.70		0
	3	2	22.79	22.75	22.76		0
	3	3	22.73	22.72	22.70		0
	6	0	22.26	22.30	22.30	0-1	1
16QAM	1	0	22.61	22.60	22.60	0-1	1
	1	2	22.63	22.69	22.56		1
	1	5	22.37	22.54	22.62		1
	3	0	22.41	22.30	22.41		1
	3	2	22.43	22.42	22.38		1
	3	3	22.37	22.41	22.34		1
	6	0	21.27	21.27	21.36	0-2	2
64QAM	1	0	21.39	21.42	21.43	0-2	2
	1	2	21.48	21.37	21.46		2
	1	5	21.45	21.43	21.45		2
	3	0	21.33	21.34	21.31		2
	3	2	21.28	21.32	21.31		2
	3	3	21.32	21.31	21.35		2
	6	0	20.28	20.25	20.29	0-3	3
256QAM	1	0	18.39	18.22	18.32	0-5	5
	1	2	18.27	18.38	18.35		5
	1	5	18.29	18.32	18.35		5
	3	0	18.29	18.31	18.36		5
	3	2	18.27	18.31	18.32		5
	3	3	18.31	18.35	18.34		5
	6	0	18.26	18.21	18.25	5	

Table H-68

LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 25 (PCS) 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26115 (1857.5 MHz)	26365 (1882.5 MHz)	26615 (1907.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.60	12.49	12.63	0	0
	1	36	12.66	12.56	12.77		0
	1	74	12.62	12.65	12.65		0
	36	0	12.63	12.49	12.67	0-1	0
	36	18	12.62	12.53	12.79		0
	36	37	12.54	12.57	12.68		0
	75	0	12.62	12.55	12.66		0
16QAM	1	0	12.81	12.81	12.83	0-1	0
	1	36	12.88	12.87	12.99		0
	1	74	12.99	13.07	13.00		0
	36	0	12.60	12.48	12.68	0-2	0
	36	18	12.60	12.60	12.78		0
	36	37	12.58	12.58	12.68		0
	75	0	12.65	12.56	12.64		0
64QAM	1	0	12.75	12.63	12.87	0-2	0
	1	36	12.76	12.75	12.98		0
	1	74	12.83	12.83	12.90		0
	36	0	12.62	12.56	12.68	0-3	0
	36	18	12.65	12.56	12.77		0
	36	37	12.63	12.54	12.68		0
	75	0	12.59	12.50	12.70		0
256QAM	1	0	12.71	12.59	12.67	0-5	0
	1	36	12.72	12.69	13.02		0
	1	74	12.75	12.74	12.87		0
	36	0	12.68	12.55	12.71		0
	36	18	12.67	12.55	12.77		0
	36	37	12.60	12.60	12.74		0
	75	0	12.65	12.56	12.72		0

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Table H-69

LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 25 (PCS) 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26090 (1855.0 MHz)	26365 (1882.5 MHz)	26640 (1910.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.64	12.50	12.78	0	0
	1	25	12.60	12.48	12.69		0
	1	49	12.63	12.66	12.62		0
	25	0	12.60	12.60	12.85	0-1	0
	25	12	12.65	12.59	12.77		0
	25	25	12.54	12.53	12.62		0
16QAM	50	0	12.57	12.57	12.79	0	
	1	0	12.88	12.84	12.98	0-1	0
	1	25	12.94	12.75	13.18		0
	1	49	12.92	12.86	13.00		0
	25	0	12.59	12.56	12.90	0-2	0
	25	12	12.66	12.57	12.78		0
64QAM	25	25	12.53	12.58	12.61		0
	50	0	12.57	12.50	12.85	0	
	1	0	12.78	12.68	12.95	0-2	0
	1	25	12.75	12.77	12.84		0
	1	49	12.86	12.87	12.84		0
	25	0	12.57	12.53	12.87	0-3	0
25	12	12.62	12.61	12.73	0		
25	25	12.58	12.51	12.62	0		
256QAM	50	0	12.59	12.50	12.77	0	
	1	0	12.76	12.76	12.85	0-5	0
	1	25	12.71	12.70	12.85		0
	1	49	12.70	12.76	12.84		0
	25	0	12.56	12.54	12.88	0	
	25	12	12.66	12.59	12.81	0	
	25	25	12.54	12.59	12.70	0	
	50	0	12.59	12.52	12.77	0	

Table H-70

LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 25 (PCS) 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26065 (1852.5 MHz)	26365 (1882.5 MHz)	26665 (1912.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.62	12.50	12.70	0	0
	1	12	12.71	12.54	12.58		0
	1	24	12.67	12.60	12.64		0
	12	0	12.56	12.55	12.71	0-1	0
	12	6	12.65	12.54	12.68		0
	12	13	12.63	12.46	12.66		0
	25	0	12.63	12.57	12.70		0
16QAM	1	0	12.86	12.85	13.00	0-1	0
	1	12	12.80	13.00	12.82		0
	1	24	12.93	12.79	13.03		0
	12	0	12.64	12.64	12.80	0-2	0
	12	6	12.69	12.60	12.72		0
	12	13	12.66	12.57	12.68		0
	25	0	12.61	12.57	12.67		0
64QAM	1	0	12.82	12.76	12.91	0-2	0
	1	12	12.74	12.76	12.90		0
	1	24	12.85	12.73	12.77		0
	12	0	12.63	12.54	12.80	0-3	0
	12	6	12.67	12.55	12.73		0
	12	13	12.66	12.62	12.69		0
	25	0	12.60	12.54	12.69		0
256QAM	1	0	12.70	12.67	12.79	0-5	0
	1	12	12.78	12.52	12.72		0
	1	24	12.71	12.69	12.67		0
	12	0	12.56	12.56	12.66		0
	12	6	12.66	12.57	12.71		0
	12	13	12.63	12.59	12.65		0
	25	0	12.65	12.60	12.75		0

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Table H-71

LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 3 MHz Bandwidth

LTE Band 25 (PCS)							
3 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26055 (1851.5 MHz)	26365 (1882.5 MHz)	26675 (1913.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.54	12.52	12.64	0	0
	1	7	12.61	12.58	12.63		0
	1	14	12.56	12.55	12.54		0
	8	0	12.57	12.51	12.69	0-1	0
	8	4	12.62	12.55	12.67		0
	8	7	12.65	12.57	12.65		0
	15	0	12.65	12.54	12.66		0
16QAM	1	0	13.00	12.84	12.86	0-1	0
	1	7	13.00	12.93	12.94		0
	1	14	12.99	12.93	12.81		0
	8	0	12.66	12.68	12.80	0-2	0
	8	4	12.71	12.69	12.76		0
	8	7	12.76	12.66	12.74		0
	15	0	12.68	12.56	12.71		0
64QAM	1	0	12.79	12.65	12.86	0-2	0
	1	7	12.82	12.68	12.74		0
	1	14	12.79	12.73	12.79		0
	8	0	12.57	12.60	12.79	0-3	0
	8	4	12.61	12.55	12.63		0
	8	7	12.66	12.59	12.68		0
	15	0	12.72	12.55	12.68		0
256QAM	1	0	12.71	12.69	12.75	0-5	0
	1	7	12.74	12.64	12.64		0
	1	14	12.68	12.66	12.69		0
	8	0	12.64	12.57	12.75		0
	8	4	12.65	12.58	12.71		0
	8	7	12.68	12.59	12.65		0
	15	0	12.68	12.56	12.76		0

Table H-72

LTE Band 25 (PCS) Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 1.4 MHz Bandwidth

LTE Band 25 (PCS) 1.4 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			26047 (1850.7 MHz)	26365 (1882.5 MHz)	26683 (1914.3 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	12.60	12.53	12.60	0	0
	1	2	12.63	12.53	12.61		0
	1	5	12.62	12.57	12.66		0
	3	0	12.58	12.54	12.65		0
	3	2	12.55	12.51	12.67		0
	3	3	12.61	12.46	12.59		0
	6	0	12.56	12.51	12.65	0-1	0
16QAM	1	0	12.87	12.77	12.84	0-1	0
	1	2	12.94	12.86	12.97		0
	1	5	12.97	12.77	13.07		0
	3	0	12.62	12.68	12.68		0
	3	2	12.58	12.67	12.72		0
	3	3	12.67	12.63	12.62		0
	6	0	12.61	12.60	12.71	0-2	0
64QAM	1	0	12.66	12.69	12.76	0-2	0
	1	2	12.77	12.76	12.74		0
	1	5	12.73	12.73	12.75		0
	3	0	12.62	12.56	12.67		0
	3	2	12.64	12.51	12.66		0
	3	3	12.71	12.55	12.72		0
	6	0	12.61	12.56	12.68	0-3	0
256QAM	1	0	12.69	12.64	12.64	0-5	0
	1	2	12.77	12.80	12.75		0
	1	5	12.70	12.69	12.72		0
	3	0	12.64	12.60	12.77		0
	3	2	12.60	12.58	12.70		0
	3	3	12.65	12.62	12.71		0
	6	0	12.53	12.47	12.58	0	

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H.1.10 LTE Band 30 Antenna M1

Table H-73
LTE Band 30 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	22.32	0	0
	1	12	22.35		0
	1	24	22.29		0
	12	0	21.67	0-1	1
	12	6	21.69		1
	12	13	21.68		1
16QAM	25	0	21.73	0-1	1
	1	0	22.04		1
	1	12	22.05		1
	1	24	21.95	0-2	1
	12	0	20.69		2
	12	6	20.75		2
64QAM	12	13	20.74	0-2	2
	25	0	20.70		2
	1	0	20.74	0-2	2
	1	12	21.03		2
	1	24	20.84		2
	12	0	20.14	0-3	3
256QAM	12	6	20.17		3
	12	13	20.12		3
	25	0	20.11	0-5	3
	1	0	18.26		5
	1	12	18.26		5
	1	24	18.13		5
	12	0	18.07		5
	12	6	18.11		5
	12	13	18.06		5
	25	0	18.05		5

Table H-74
LTE Band 30 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz) Conducted Power [dBm]		
QPSK	1	0	11.80	0	0
	1	12	11.83		0
	1	24	11.77		0
	12	0	11.74	0-1	0
	12	6	11.78		0
	12	13	11.78		0
16QAM	25	0	11.85	0-1	0
	1	0	12.10		0
	1	12	11.92		0
	1	24	12.10	0-2	0
	12	0	11.79		0
	12	6	11.86		0
64QAM	12	13	11.86	0-2	0
	25	0	11.76		0
	1	0	11.79	0-2	0
	1	12	11.82		0
	1	24	11.92		0
	12	0	11.83	0-3	0
256QAM	12	6	11.83		0
	12	13	11.83		0
	25	0	11.79	0-5	0
	1	0	11.89		0
	1	12	11.93		0
	1	24	11.84		0
	12	0	11.77		0
	12	6	11.80		0
	12	13	11.86		0
	25	0	11.83		0

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Table H-75
LTE Band 30 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	19.87	0	0
	1	12	19.95		0
	1	24	19.84		0
	12	0	19.81	0-1	0
	12	6	19.83		0
	12	13	19.82		0
	25	0	19.86		0
	25	0	19.86		0
16QAM	1	0	20.07	0-1	0
	1	12	20.11		0
	1	24	20.08		0
	12	0	19.92	0-2	0
	12	6	19.90		0
	12	13	19.87		0
	25	0	19.88		0
	25	0	19.88		0
64QAM	1	0	20.05	0-2	0
	1	12	20.11		0
	1	24	20.06		0
	12	0	19.89	0-3	0
	12	6	19.87		0
	12	13	19.90		0
	25	0	19.87		0
	25	0	19.87		0
256QAM	1	0	17.92	0-5	2
	1	12	17.98		2
	1	24	17.90		2
	12	0	17.83		2
	12	6	17.85		2
	12	13	17.83		2
	25	0	17.85		2
	25	0	17.85		2

H.1.11 LTE Band 30 Antenna S2

Table H-76
LTE Band 30 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	23.24	0	0
	1	12	23.20		0
	1	24	23.43		0
	12	0	22.30	0-1	1
	12	6	22.31		1
	12	13	22.30		1
	25	0	22.33		1
	25	0	22.33		1
16QAM	1	0	22.54	0-1	1
	1	12	22.62		1
	1	24	22.74		1
	12	0	21.33	0-2	2
	12	6	21.39		2
	12	13	21.33		2
	25	0	21.31		2
	25	0	21.31		2
64QAM	1	0	21.27	0-2	2
	1	12	21.48		2
	1	24	21.52		2
	12	0	20.28	0-3	3
	12	6	20.28		3
	12	13	20.33		3
	25	0	20.26		3
	25	0	20.26		3
256QAM	1	0	18.23	0-5	5
	1	12	18.45		5
	1	24	18.41		5
	12	0	18.14		5
	12	6	18.22		5
	12	13	18.20		5
	25	0	18.16		5
	25	0	18.16		5

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Table H-77
LTE Band 30 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) – 5 MHz Bandwidth

LTE Band 30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Mid Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			27710 (2310.0 MHz)		
			Conducted Power [dBm]		
QPSK	1	0	11.75	0	0
	1	12	11.81		0
	1	24	11.89		0
	12	0	11.72	0-1	0
	12	6	11.84		0
	12	13	11.83		0
	25	0	11.82		0
16QAM	1	0	12.06	0-1	0
	1	12	12.01		0
	1	24	12.18		0
	12	0	11.77	0-2	0
	12	6	11.87		0
	12	13	11.86		0
	25	0	11.80		0
64QAM	1	0	12.00	0-2	0
	1	12	12.04		0
	1	24	11.99		0
	12	0	11.79	0-3	0
	12	6	11.84		0
	12	13	11.84		0
	25	0	11.81		0
256QAM	1	0	11.81	0-5	0
	1	12	12.00		0
	1	24	12.05		0
	12	0	11.71		0
	12	6	11.80		0
	12	13	11.84		0
	25	0	11.78		0

H.1.12 LTE Band 7 Antenna M1

Table H-78
LTE Band 7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 7							
15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.32	23.43	23.51	0	0
	1	36	23.33	23.54	23.39		0
	1	74	23.36	23.62	23.38		0
	36	0	22.82	22.96	22.88	0-1	1
	36	18	22.87	22.98	22.87		1
	36	37	22.85	23.06	22.87		1
	75	0	22.87	23.04	22.94		1
16QAM	1	0	23.27	23.26	23.31	0-1	1
	1	36	23.12	23.40	23.20		1
	1	74	23.19	23.36	23.08		1
	36	0	21.86	21.95	21.86	0-2	2
	36	18	21.82	21.97	21.89		2
	36	37	21.85	22.05	21.85		2
	75	0	21.82	21.99	21.85		2
64QAM	1	0	22.02	22.12	22.15	0-2	2
	1	36	21.99	22.24	22.09		2
	1	74	22.07	22.23	21.95		2
	36	0	20.81	20.96	20.89	0-3	3
	36	18	20.84	20.99	20.88		3
	36	37	20.86	21.01	20.87		3
	75	0	20.82	20.99	20.87		3
256QAM	1	0	19.16	19.33	19.35	0-5	5
	1	36	19.24	19.34	19.27		5
	1	74	19.29	19.33	19.19		5
	36	0	19.10	19.19	19.21		5
	36	18	19.15	19.26	19.16		5
	36	37	19.13	19.24	19.19		5
	75	0	19.10	19.22	19.18		5

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Table H-79
LTE Band 7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.29	23.47	23.50	0	0
	1	25	23.35	23.63	23.34		0
	1	49	23.33	23.61	23.36		0
	25	0	22.88	23.05	22.90	0-1	1
	25	12	22.89	23.10	22.91		1
	25	25	22.91	23.08	22.87		1
	50	0	22.89	23.05	22.87		1
16QAM	1	0	23.20	23.29	23.31	0-1	1
	1	25	23.10	23.39	23.28		1
	1	49	23.20	23.37	23.16		1
	25	0	21.90	22.02	21.84	0-2	2
	25	12	21.88	22.06	21.89		2
	25	25	21.91	22.08	21.88		2
	50	0	21.88	22.04	21.88		2
64QAM	1	0	21.93	22.09	22.10	0-2	2
	1	25	22.04	22.22	22.11		2
	1	49	22.03	22.22	21.95		2
	25	0	20.81	20.92	20.84	0-3	3
	25	12	20.82	21.00	20.88		3
	25	25	20.84	21.04	20.86		3
	50	0	20.92	21.05	20.82		3
256QAM	1	0	19.23	19.39	19.31	0-5	5
	1	25	19.25	19.37	19.23		5
	1	49	19.19	19.40	19.19		5
	25	0	19.11	19.27	19.18		5
	25	12	19.11	19.28	19.16		5
	25	25	19.17	19.28	19.16		5
	50	0	19.15	19.27	19.18		5

Table H-80
LTE Band 7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	23.37	23.56	23.38	0	0
	1	12	23.39	23.58	23.38		0
	1	24	23.37	23.58	23.31		0
	12	0	22.86	23.07	22.80	0-1	1
	12	6	22.88	22.99	22.86		1
	12	13	22.85	23.00	22.78		1
	25	0	22.90	23.05	22.87		1
16QAM	1	0	23.15	23.45	23.13	0-1	1
	1	12	23.30	23.38	23.09		1
	1	24	23.07	23.37	23.07		1
	12	0	21.89	22.05	21.89	0-2	2
	12	6	21.91	22.09	21.89		2
	12	13	21.86	22.04	21.85		2
	25	0	21.85	22.03	21.81		2
64QAM	1	0	22.07	22.18	21.98	0-2	2
	1	12	22.10	22.26	21.99		2
	1	24	22.01	22.17	22.03		2
	12	0	20.82	21.04	20.81	0-3	3
	12	6	20.85	21.04	20.82		3
	12	13	20.80	21.01	20.82		3
	25	0	20.82	21.01	20.78		3
256QAM	1	0	19.22	19.29	19.21	0-5	5
	1	12	19.18	19.28	19.16		5
	1	24	19.21	19.38	19.21		5
	12	0	19.10	19.28	19.08		5
	12	6	19.11	19.27	19.11		5
	12	13	19.06	19.24	19.10		5
	25	0	19.08	19.25	19.10		5

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Table H-81
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.91	11.01	10.93	0	0
	1	36	10.92	11.03	10.88		0
	1	74	10.97	11.01	10.83		0
	36	0	10.90	10.92	10.89	0-1	0
	36	18	10.95	10.95	10.84		0
	36	37	10.96	10.98	10.82		0
	75	0	10.94	10.96	10.90		0
16QAM	1	0	11.25	11.32	11.18	0-1	0
	1	36	11.15	11.30	11.15		0
	1	74	11.25	11.28	11.22		0
	36	0	10.87	10.98	10.91	0-2	0
	36	18	10.95	10.96	10.92		0
	36	37	10.96	11.04	10.89		0
	75	0	10.94	10.95	10.90		0
64QAM	1	0	10.95	11.20	11.07	0-2	0
	1	36	11.11	11.21	11.06		0
	1	74	11.15	11.24	11.00		0
	36	0	10.94	11.00	10.92	0-3	0
	36	18	10.94	11.04	10.93		0
	36	37	10.98	11.03	10.90		0
	75	0	10.94	10.96	10.87		0
256QAM	1	0	10.92	11.07	11.09	0-5	0
	1	36	11.10	11.18	10.93		0
	1	74	10.93	11.12	10.95		0
	36	0	10.92	10.96	10.89		0
	36	18	10.97	10.97	10.88		0
	36	37	10.97	11.00	10.88		0
	75	0	10.94	11.00	10.87		0

Table H-82
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.90	10.98	10.87	0	0
	1	25	10.92	11.03	10.84		0
	1	49	10.97	11.05	10.83		0
	25	0	10.94	10.95	10.88	0-1	0
	25	12	10.95	10.97	10.91		0
	25	25	10.95	11.01	10.86		0
	50	0	10.91	10.95	10.92		0
16QAM	1	0	11.22	11.33	11.21	0-1	0
	1	25	11.13	11.23	11.15		0
	1	49	11.24	11.28	11.21		0
	25	0	10.95	10.95	10.87	0-2	0
	25	12	10.96	11.04	10.91		0
	25	25	10.96	11.02	10.92		0
	50	0	10.90	10.95	10.88		0
64QAM	1	0	11.09	11.21	11.07	0-2	0
	1	25	11.14	11.31	11.06		0
	1	49	11.17	11.25	11.06		0
	25	0	10.91	10.94	10.90	0-3	0
	25	12	10.95	10.99	10.89		0
	25	25	10.92	11.03	10.88		0
	50	0	10.92	11.02	10.89		0
256QAM	1	0	11.01	11.06	11.00	0-5	0
	1	25	11.00	11.06	10.93		0
	1	49	11.08	11.09	10.98		0
	25	0	10.93	11.02	10.91		0
	25	12	10.95	11.04	10.86		0
	25	25	10.94	10.95	10.91		0
	50	0	10.95	11.02	10.88		0

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Table H-83
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.98	11.04	10.84	0	0
	1	12	10.91	11.02	10.82		0
	1	24	10.89	11.06	10.87		0
	12	0	10.86	10.96	10.83	0-1	0
	12	6	10.92	10.98	10.85		0
	12	13	10.91	10.95	10.86		0
	25	0	10.92	11.00	10.87		0
16QAM	1	0	11.24	11.33	11.12	0-1	0
	1	12	11.26	11.24	11.14		0
	1	24	11.31	11.44	11.16		0
	12	0	10.91	11.04	10.91	0-2	0
	12	6	10.96	11.08	10.96		0
	12	13	10.97	11.05	10.87		0
	25	0	10.94	10.94	10.92		0
64QAM	1	0	11.13	11.26	11.04	0-2	0
	1	12	11.12	11.21	11.06		0
	1	24	11.18	11.24	11.11		0
	12	0	10.96	11.05	10.84	0-3	0
	12	6	10.94	11.03	10.90		0
	12	13	10.95	11.02	10.89		0
	25	0	10.88	10.99	10.92		0
256QAM	1	0	10.95	11.21	11.02	0-5	0
	1	12	10.95	11.10	10.95		0
	1	24	11.11	11.11	10.96		0
	12	0	10.91	11.01	10.85		0
	12	6	10.96	11.02	10.89		0
	12	13	10.92	10.96	10.86		0
	25	0	10.93	11.00	10.91		0

Table H-84
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.35	19.50	19.40	0	0
	1	36	19.37	19.53	19.39		0
	1	74	19.40	19.49	19.33		0
	36	0	19.33	19.43	19.32	0-1	0
	36	18	19.33	19.46	19.34		0
	36	37	19.39	19.43	19.36		0
	75	0	19.40	19.51	19.33		0
16QAM	1	0	19.71	19.80	19.76	0-1	0
	1	36	19.73	19.88	19.68		0
	1	74	19.86	19.86	19.71		0
	36	0	19.35	19.49	19.36	0-2	0
	36	18	19.31	19.45	19.37		0
	36	37	19.37	19.52	19.41		0
	75	0	19.37	19.49	19.33		0
64QAM	1	0	19.48	19.64	19.59	0-2	0
	1	36	19.57	19.74	19.58		0
	1	74	19.62	19.72	19.51		0
	36	0	19.33	19.46	19.35	0-3	0
	36	18	19.38	19.51	19.32		0
	36	37	19.43	19.49	19.39		0
	75	0	19.41	19.48	19.35		0
256QAM	1	0	18.81	18.87	18.95	0-5	1
	1	36	18.83	18.97	18.75		1
	1	74	18.89	18.91	18.79		1
	36	0	18.75	18.76	18.70		1
	36	18	18.81	18.83	18.70		1
	36	37	18.71	18.82	18.68		1
	75	0	18.74	18.80	18.70		1

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Table H-85
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.39	19.54	19.43	0	0
	1	25	19.32	19.56	19.29		0
	1	49	19.43	19.55	19.39		0
	25	0	19.39	19.52	19.34	0-1	0
	25	12	19.33	19.54	19.39		0
	25	25	19.40	19.52	19.37		0
	50	0	19.41	19.56	19.33		0
16QAM	1	0	19.70	19.93	19.70	0-1	0
	1	25	19.61	19.99	19.56		0
	1	49	19.64	19.84	19.72		0
	25	0	19.35	19.54	19.32	0-2	0
	25	12	19.42	19.58	19.39		0
	25	25	19.44	19.54	19.41		0
	50	0	19.30	19.44	19.33		0
64QAM	1	0	19.57	19.69	19.60	0-2	0
	1	25	19.50	19.75	19.39		0
	1	49	19.61	19.72	19.57		0
	25	0	19.29	19.46	19.33	0-3	0
	25	12	19.34	19.59	19.39		0
	25	25	19.40	19.44	19.38		0
	50	0	19.36	19.53	19.37		0
256QAM	1	0	18.85	18.99	18.82	0-5	1
	1	25	18.85	18.91	18.84		1
	1	49	18.91	18.96	18.77		1
	25	0	18.78	18.82	18.65		1
	25	12	18.75	18.80	18.69		1
	25	25	18.81	18.83	18.72		1
	50	0	18.74	18.86	18.71		1

Table H-86
LTE Band 7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	19.61	19.57	19.59	0	0
	1	12	19.66	19.50	19.40		0
	1	24	19.58	19.70	19.57		0
	12	0	19.49	19.52	19.52	0-1	0
	12	6	19.50	19.55	19.53		0
	12	13	19.47	19.49	19.51		0
	25	0	19.53	19.55	19.50		0
16QAM	1	0	19.87	19.93	19.87	0-1	0
	1	12	19.89	19.85	20.02		0
	1	24	20.00	19.80	19.98		0
	12	0	19.57	19.56	19.60	0-2	0
	12	6	19.55	19.55	19.58		0
	12	13	19.57	19.54	19.56		0
	25	0	19.55	19.50	19.57		0
64QAM	1	0	19.80	19.81	19.80	0-2	0
	1	12	19.65	19.63	19.90		0
	1	24	19.83	19.83	19.76		0
	12	0	19.52	19.57	19.57	0-3	0
	12	6	19.62	19.55	19.55		0
	12	13	19.56	19.53	19.56		0
	25	0	19.47	19.53	19.53		0
256QAM	1	0	18.94	18.93	18.96	0-5	1
	1	12	18.92	18.94	19.01		1
	1	24	18.91	18.99	18.92		1
	12	0	18.81	18.82	18.76		1
	12	6	18.85	18.83	18.83		1
	12	13	18.75	18.74	18.80		1
	25	0	18.80	18.78	18.79		1

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H.1.13 LTE Band 7 Antenna S2

Table H-87
LTE Band 7 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.81	22.64	22.74	0	0
	1	36	22.76	22.70	22.86		0
	1	74	22.75	22.84	23.16		0
	36	0	21.78	21.79	21.90	0-1	1
	36	18	21.78	21.81	21.95		1
	36	37	21.78	21.77	22.03		1
	75	0	21.85	21.84	21.97		1
16QAM	1	0	22.26	22.09	22.09	0-1	1
	1	36	22.04	22.20	22.26		1
	1	74	21.99	22.20	22.49		1
	36	0	20.85	20.87	20.90	0-2	2
	36	18	20.79	20.78	20.94		2
	36	37	20.72	20.80	21.01		2
	75	0	20.79	20.81	20.97		2
64QAM	1	0	20.99	20.75	21.02	0-2	2
	1	36	21.00	20.94	21.16		2
	1	74	20.97	21.00	21.32		2
	36	0	19.84	19.84	19.89	0-3	3
	36	18	19.79	19.80	19.93		3
	36	37	19.78	19.78	20.00		3
	75	0	19.84	19.74	19.91		3
256QAM	1	0	17.93	17.72	17.90	0-5	5
	1	36	17.89	17.76	17.86		5
	1	74	17.77	17.85	18.13		5
	36	0	17.75	17.72	17.84		5
	36	18	17.74	17.69	17.86		5
	36	37	17.69	17.67	17.93		5
	75	0	17.79	17.69	17.88		5

Table H-88
LTE Band 7 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 7 10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.82	22.74	22.90	0	0
	1	25	22.88	22.74	23.03		0
	1	49	22.88	22.78	23.13		0
	25	0	21.91	21.91	22.07	0-1	1
	25	12	21.86	21.81	22.07		1
	25	25	21.86	21.82	22.12		1
	50	0	21.90	21.82	22.11		1
16QAM	1	0	22.22	22.01	22.30	0-1	1
	1	25	22.08	22.05	22.40		1
	1	49	22.04	22.19	22.39		1
	25	0	20.84	20.90	21.05	0-2	2
	25	12	20.84	20.76	21.00		2
	25	25	20.77	20.80	21.13		2
	50	0	20.83	20.83	21.12		2
64QAM	1	0	21.03	20.94	21.04	0-2	2
	1	25	20.99	20.98	21.22		2
	1	49	21.00	20.97	21.32		2
	25	0	19.80	19.79	20.02	0-3	3
	25	12	19.81	19.71	20.00		3
	25	25	19.74	19.71	20.06		3
	50	0	19.81	19.80	20.06		3
256QAM	1	0	17.89	17.82	17.97	0-5	5
	1	25	17.80	17.84	18.12		5
	1	49	17.82	17.88	18.23		5
	25	0	17.79	17.80	17.97		5
	25	12	17.74	17.74	17.99		5
	25	25	17.72	17.66	18.02		5
	50	0	17.74	17.73	18.04		5

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Table H-89
LTE Band 7 Antenna S2 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 7							
5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	22.97	22.80	23.03	0	0
	1	12	22.79	22.83	23.19		0
	1	24	22.79	22.86	23.27		0
	12	0	21.83	21.82	22.10	0-1	1
	12	6	21.86	21.78	22.11		1
	12	13	21.81	21.76	22.13		1
16QAM	25	0	21.90	21.87	22.16	0-1	1
	1	0	22.17	22.25	22.35		1
	1	12	22.18	21.96	22.45		1
	1	24	22.23	21.95	22.44	0-2	1
	12	0	20.98	20.89	21.15		2
	12	6	20.93	20.86	21.20		2
64QAM	12	13	20.85	20.81	21.22	0-2	2
	25	0	20.82	20.83	21.17		2
	1	0	21.09	21.03	21.24	0-2	2
	1	12	21.00	20.96	21.30		2
	1	24	21.04	20.97	21.31		2
	12	0	19.89	19.78	20.13	0-3	3
12	6	19.89	19.78	20.16	3		
12	13	19.84	19.75	20.21	3		
256QAM	25	0	19.78	19.76	20.06	0-5	3
	1	0	17.94	17.90	18.13		5
	1	12	17.96	17.79	18.10		5
	1	24	17.84	17.90	18.27		5
	12	0	17.80	17.70	18.01	5	
	12	6	17.81	17.69	17.98	5	
12	13	17.73	17.67	18.12	5		
25	0	17.69	17.74	18.07	5		

Table H-90
LTE Band 7 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 7 15 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20825 (2507.5 MHz)	21100 (2535.0 MHz)	21375 (2562.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.13	9.85	9.91	0	0
	1	36	9.96	9.83	10.01		0
	1	74	9.88	9.83	10.20		0
	36	0	10.05	9.86	10.03	0-1	0
	36	18	9.99	9.83	10.00		0
	36	37	9.99	9.83	10.08		0
16QAM	75	0	10.10	9.81	10.13	0-1	0
	1	0	10.42	10.11	10.28		0
	1	36	10.37	10.23	10.20		0
	1	74	10.27	10.29	10.52	0-2	0
	36	0	10.05	9.89	10.00		0
	36	18	10.02	9.77	9.99		0
64QAM	36	37	10.02	9.81	10.12	0-2	0
	75	0	10.05	9.79	10.04		0
	1	0	10.39	9.97	10.10	0-2	0
	1	36	10.20	10.06	10.24		0
	1	74	10.08	9.99	10.38		0
	36	0	10.16	9.86	10.03	0-3	0
36	18	10.08	9.84	10.02	0		
36	37	10.06	9.83	10.13	0		
256QAM	75	0	10.07	9.85	10.02	0-5	0
	1	0	10.19	9.95	9.99		0
	1	36	10.12	9.83	10.15		0
	1	74	10.04	9.92	10.16		0
	36	0	10.10	9.85	9.99		0
	36	18	10.04	9.84	10.02		0
	36	37	10.03	9.82	10.10	0	
	75	0	10.07	9.76	10.07	0	

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Table H-91
LTE Band 7 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 7							
10 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20800 (2505.0 MHz)	21100 (2535.0 MHz)	21400 (2565.0 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.18	9.80	9.95	0	0
	1	25	10.09	9.81	10.07		0
	1	49	10.00	9.80	10.23		0
	25	0	10.10	9.85	10.09	0-1	0
	25	12	10.05	9.85	10.07		0
	25	25	9.93	9.75	10.20		0
	50	0	10.10	9.85	10.17		0
16QAM	1	0	10.46	10.21	10.40	0-1	0
	1	25	10.35	10.21	10.40		0
	1	49	10.20	10.13	10.51		0
	25	0	10.13	9.88	10.10	0-2	0
	25	12	10.11	9.84	10.10		0
	25	25	9.98	9.79	10.17		0
	50	0	10.06	9.88	10.07		0
64QAM	1	0	10.22	10.05	10.17	0-2	0
	1	25	10.13	9.99	10.23		0
	1	49	10.20	10.07	10.42		0
	25	0	10.13	9.86	10.10	0-3	0
	25	12	10.08	9.83	10.11		0
	25	25	9.92	9.78	10.12		0
	50	0	10.09	9.85	10.14		0
256QAM	1	0	10.32	9.95	10.05	0-5	0
	1	25	10.11	9.91	10.24		0
	1	49	10.06	9.94	10.31		0
	25	0	10.12	9.85	10.09		0
	25	12	10.10	9.80	10.13		0
	25	25	9.94	9.79	10.10		0
	50	0	10.07	9.82	10.13		0

Table H-92
LTE Band 7 Antenna S2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 7 5 MHz Bandwidth							
Modulation	RB Size	RB Offset	Low Channel	Mid Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			20775 (2502.5 MHz)	21100 (2535.0 MHz)	21425 (2567.5 MHz)		
			Conducted Power [dBm]				
QPSK	1	0	10.15	9.75	10.08	0	0
	1	12	10.10	9.78	10.12		0
	1	24	10.02	9.76	10.20		0
	12	0	10.09	9.74	10.15	0-1	0
	12	6	10.02	9.72	10.13		0
	12	13	10.00	9.76	10.16		0
	25	0	10.06	9.81	10.15		0
16QAM	1	0	10.39	10.11	10.33	0-1	0
	1	12	10.45	10.26	10.51		0
	1	24	10.45	10.02	10.54		0
	12	0	10.16	9.84	10.16	0-2	0
	12	6	10.10	9.80	10.22		0
	12	13	10.10	9.83	10.23		0
	25	0	10.05	9.78	10.15		0
64QAM	1	0	10.36	10.03	10.20	0-2	0
	1	12	10.31	9.88	10.28		0
	1	24	10.07	9.93	10.30		0
	12	0	10.14	9.81	10.18	0-3	0
	12	6	10.01	9.82	10.13		0
	12	13	10.08	9.78	10.18		0
	25	0	10.04	9.72	10.17		0
256QAM	1	0	10.26	9.86	10.06	0-5	0
	1	12	10.11	9.92	10.26		0
	1	24	10.11	9.94	10.33		0
	12	0	10.07	9.76	10.15		0
	12	6	10.05	9.75	10.12		0
	12	13	9.99	9.74	10.16		0
	25	0	10.01	9.78	10.12		0

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H.1.14 LTE Band 41 Antenna M1

Table H-93

LTE Band 41 PC3 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth										
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]	
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)			
			Conducted Power [dBm]							
QPSK	1	0	23.96	24.02	23.69	23.76	23.79	0	0	
	1	36	23.95	23.96	23.70	23.71	23.76		0	
	1	74	23.98	23.92	23.68	23.71	23.80		0	
	36	0	22.95	22.97	22.67	22.76	22.79	0-1	1	
	36	18	22.94	22.99	22.67	22.77	22.78		1	
	36	37	23.01	22.98	22.68	22.76	22.81		1	
16QAM	75	0	23.00	23.02	22.72	22.80	22.89	0-1	1	
	1	0	22.93	23.02	22.67	22.72	22.80		1	
	1	36	22.93	22.95	22.66	22.70	22.80		1	
	1	74	22.94	22.89	22.66	22.67	22.79	0-2	1	
	36	0	21.86	21.97	21.62	21.69	21.79		2	
	36	18	21.89	21.97	21.61	21.67	21.73		2	
64QAM	36	37	21.94	21.93	21.61	21.65	21.76	0-2	2	
	75	0	21.96	21.98	21.72	21.71	21.85		2	
	1	0	21.55	21.68	21.36	21.38	21.44		0-2	2
	1	36	21.57	21.64	21.34	21.37	21.45	2		
	1	74	21.61	21.54	21.28	21.29	21.44	2		
	36	0	20.93	20.96	20.63	20.69	20.79	0-3	3	
36	18	20.90	20.95	20.67	20.73	20.78	3			
36	37	20.94	20.91	20.65	20.69	20.79	3			
256QAM	75	0	20.96	20.97	20.68	20.75	20.83	0-3	3	
	1	0	19.04	19.08	18.80	18.78	18.91		0-5	5
	1	36	19.07	18.99	18.83	18.72	18.88			5
	1	74	19.06	18.94	18.70	18.75	18.94	5		
	36	0	19.23	19.25	19.06	19.00	19.14	5		
	36	18	19.26	19.25	18.96	18.94	19.17	5		
256QAM	36	37	19.28	19.20	18.99	18.98	19.16	0-5	5	
	75	0	19.23	19.26	18.99	18.95	19.15		5	

Table H-94

LTE Band 41 PC3 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.88	23.98	23.64	23.73	23.76	0	0
	1	25	23.94	23.96	23.66	23.74	23.81		0
	1	49	23.90	23.88	23.61	23.66	23.76		0
	25	0	22.93	23.03	22.69	22.80	22.88	0-1	1
	25	12	22.97	23.00	22.66	22.76	22.82		1
	25	25	22.95	22.98	22.68	22.76	22.83		1
16QAM	50	0	22.98	22.99	22.69	22.75	22.81	0-1	1
	1	0	22.90	22.96	22.61	22.67	22.74		1
	1	25	22.87	22.96	22.66	22.70	22.81		1
	1	49	22.87	22.85	22.59	22.63	22.76	0-2	1
	25	0	21.93	22.04	21.68	21.79	21.86		2
	25	12	21.95	22.00	21.66	21.73	21.84		2
64QAM	25	25	21.95	21.96	21.65	21.74	21.80	0-2	2
	50	0	21.92	21.97	21.66	21.71	21.81		2
	1	0	21.50	21.62	21.27	21.34	21.38		0-2
	1	25	21.55	21.60	21.28	21.35	21.43	2	
	1	49	21.45	21.51	21.23	21.29	21.40	2	
	25	0	20.87	20.92	20.59	20.70	20.80	0-3	3
256QAM	25	12	20.87	20.93	20.56	20.68	20.74		3
	25	25	20.92	20.91	20.62	20.69	20.78		3
	50	0	20.93	20.97	20.66	20.78	20.86	3	
	1	0	19.02	19.07	18.77	18.72	18.89	0-5	5
	1	25	19.01	19.00	18.73	18.77	18.91		5
	1	49	18.98	19.01	18.69	18.73	18.85		5
25	0	19.20	19.28	19.02	18.98	19.21	5		
25	12	19.24	19.25	18.94	18.94	19.15	5		
256QAM	25	25	19.27	19.22	19.01	18.93	19.15	5	
	50	0	19.32	19.28	19.06	19.04	19.18	5	

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Table H-95
LTE Band 41 PC3 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	23.34	23.92	23.59	23.67	23.79	0	0
	1	12	23.75	23.89	23.60	23.69	23.78		0
	1	24	23.71	23.82	23.55	23.66	23.75		0
	12	0	22.69	22.86	22.54	22.67	22.77	0-1	1
	12	6	22.71	22.85	22.54	22.68	22.75		1
	12	13	22.72	22.86	22.55	22.64	22.71		1
	25	0	22.76	22.94	22.61	22.71	22.78		1
16QAM	1	0	22.70	22.87	22.54	22.61	22.73	0-1	1
	1	12	22.71	22.88	22.61	22.62	22.75		1
	1	24	22.72	22.85	22.53	22.62	22.74		1
	12	0	21.63	21.80	21.48	21.60	21.69	0-2	2
	12	6	21.62	21.78	21.46	21.55	21.65		2
	12	13	21.62	21.74	21.47	21.56	21.63		2
	25	0	21.73	21.91	21.59	21.70	21.76		2
64QAM	1	0	21.32	21.51	21.19	21.26	21.38	0-2	2
	1	12	21.40	21.51	21.20	21.29	21.42		2
	1	24	21.32	21.45	21.16	21.24	21.34		2
	12	0	20.63	20.75	20.43	20.54	20.67	0-3	3
	12	6	20.66	20.76	20.43	20.57	20.68		3
	12	13	20.62	20.73	20.44	20.54	20.63		3
	25	0	20.70	20.86	20.51	20.61	20.70		3
256QAM	1	0	18.83	18.95	18.65	18.67	18.89	0-5	5
	1	12	18.86	18.92	18.67	18.69	18.87		5
	1	24	18.83	18.94	18.67	18.69	18.89		5
	12	0	19.06	19.25	18.97	18.98	19.15		5
	12	6	19.13	19.24	18.93	18.97	19.13		5
	12	13	19.10	19.16	18.92	18.97	19.16		5
	25	0	19.06	19.17	18.83	18.97	19.10		5

Table H-96
LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	12.62	12.75	12.38	12.53	12.68	0	0
	1	36	12.64	12.64	12.40	12.57	12.70		0
	1	74	12.72	12.65	12.33	12.59	12.72		0
	36	0	12.61	12.72	12.39	12.53	12.64	0-1	0
	36	18	12.63	12.64	12.34	12.57	12.61		0
	36	37	12.63	12.64	12.34	12.56	12.70		0
	75	0	12.62	12.72	12.33	12.58	12.65		0
16QAM	1	0	12.59	12.75	12.38	12.51	12.66	0-1	0
	1	36	12.62	12.71	12.35	12.55	12.68		0
	1	74	12.64	12.64	12.34	12.55	12.69		0
	36	0	12.52	12.70	12.34	12.43	12.62	0-2	0
	36	18	12.56	12.63	12.27	12.46	12.61		0
	36	37	12.66	12.62	12.32	12.51	12.66		0
	75	0	12.64	12.70	12.36	12.59	12.67		0
64QAM	1	0	12.32	12.46	12.13	12.23	12.40	0-2	0
	1	36	12.36	12.42	12.07	12.28	12.44		0
	1	74	12.37	12.33	12.05	12.29	12.44		0
	36	0	12.66	12.71	12.33	12.57	12.65	0-3	0
	36	18	12.58	12.66	12.31	12.52	12.71		0
	36	37	12.65	12.74	12.40	12.55	12.71		0
	75	0	12.67	12.73	12.38	12.60	12.76		0
256QAM	1	0	12.56	12.68	12.32	12.44	12.60	0-5	0
	1	36	12.59	12.67	12.26	12.46	12.61		0
	1	74	12.59	12.59	12.29	12.47	12.64		0
	36	0	12.61	12.73	12.40	12.56	12.69		0
	36	18	12.66	12.73	12.39	12.61	12.70		0
	36	37	12.68	12.71	12.40	12.62	12.72		0
	75	0	12.65	12.76	12.35	12.63	12.71		0

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Table H-97

LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	12.67	12.72	12.40	12.52	12.67	0	0
	1	25	12.70	12.71	12.40	12.60	12.68		0
	1	49	12.68	12.67	12.35	12.59	12.65		0
	25	0	12.60	12.78	12.40	12.54	12.76	0-1	0
	25	12	12.65	12.74	12.40	12.62	12.71		0
	25	25	12.71	12.68	12.35	12.59	12.63		0
	50	0	12.67	12.74	12.40	12.62	12.72		0
16QAM	1	0	12.61	12.77	12.37	12.50	12.66	0-1	0
	1	25	12.67	12.74	12.43	12.58	12.73		0
	1	49	12.63	12.68	12.33	12.58	12.66		0
	25	0	12.64	12.80	12.45	12.63	12.74	0-2	0
	25	12	12.70	12.74	12.39	12.60	12.75		0
	25	25	12.73	12.70	12.40	12.60	12.68		0
	50	0	12.69	12.76	12.40	12.61	12.73		0
64QAM	1	0	12.34	12.50	12.11	12.23	12.44	0-2	0
	1	25	12.42	12.47	12.15	12.28	12.45		0
	1	49	12.40	12.36	12.05	12.32	12.41		0
	25	0	12.62	12.76	12.34	12.58	12.75	0-3	0
	25	12	12.64	12.71	12.33	12.56	12.68		0
	25	25	12.67	12.73	12.33	12.59	12.69		0
	50	0	12.66	12.78	12.42	12.65	12.77		0
256QAM	1	0	12.57	12.72	12.35	12.43	12.60	0-5	0
	1	25	12.60	12.69	12.29	12.53	12.64		0
	1	49	12.62	12.62	12.27	12.52	12.63		0
	25	0	12.62	12.78	12.40	12.56	12.80		0
	25	12	12.68	12.75	12.40	12.61	12.76		0
	25	25	12.72	12.79	12.45	12.67	12.77		0
	50	0	12.72	12.79	12.43	12.67	12.78		0

Table H-98

LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	12.57	12.69	12.37	12.57	12.69	0	0
	1	12	12.55	12.68	12.37	12.55	12.67		0
	1	24	12.58	12.66	12.34	12.56	12.65		0
	12	0	12.52	12.70	12.27	12.56	12.60	0-1	0
	12	6	12.55	12.68	12.30	12.51	12.64		0
	12	13	12.55	12.64	12.35	12.50	12.66		0
	25	0	12.59	12.72	12.36	12.56	12.67		0
16QAM	1	0	12.60	12.70	12.36	12.51	12.68	0-1	0
	1	12	12.59	12.66	12.33	12.54	12.65		0
	1	24	12.58	12.67	12.33	12.54	12.67		0
	12	0	12.50	12.67	12.31	12.51	12.64	0-2	0
	12	6	12.51	12.58	12.29	12.50	12.57		0
	12	13	12.52	12.61	12.31	12.43	12.59		0
	25	0	12.59	12.75	12.35	12.56	12.67		0
64QAM	1	0	12.35	12.42	12.08	12.24	12.41	0-2	0
	1	12	12.35	12.45	12.06	12.28	12.40		0
	1	24	12.35	12.42	12.09	12.25	12.40		0
	12	0	12.52	12.62	12.29	12.53	12.64	0-3	0
	12	6	12.53	12.63	12.29	12.53	12.61		0
	12	13	12.53	12.63	12.34	12.45	12.64		0
	25	0	12.61	12.67	12.38	12.53	12.66		0
256QAM	1	0	12.60	12.65	12.29	12.49	12.64	0-5	0
	1	12	12.57	12.63	12.24	12.48	12.63		0
	1	24	12.58	12.64	12.26	12.45	12.62		0
	12	0	12.66	12.81	12.42	12.60	12.80		0
	12	6	12.72	12.81	12.45	12.67	12.78		0
	12	13	12.67	12.78	12.46	12.65	12.72		0
	25	0	12.68	12.72	12.42	12.61	12.75	0	

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Table H-99

LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

LTE Band 41 15 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	21.58	21.65	21.50	21.56	21.63	0	0
	1	36	21.61	21.65	21.37	21.56	21.65		0
	1	74	21.62	21.61	21.33	21.59	21.65		0
	36	0	21.54	21.62	21.31	21.50	21.66	0-1	0
	36	18	21.60	21.64	21.34	21.57	21.62		0
	36	37	21.60	21.66	21.34	21.56	21.63		0
	75	0	21.61	21.69	21.36	21.57	21.62		0
16QAM	1	0	21.60	21.68	21.40	21.52	21.67	0-1	0
	1	36	21.63	21.64	21.35	21.53	21.62		0
	1	74	21.59	21.63	21.36	21.56	21.68		0
	36	0	21.08	21.20	20.88	21.02	21.14	0-2	0
	36	18	21.17	21.21	20.84	21.06	21.11		0
	36	37	21.20	21.19	20.89	21.07	21.15		0
	75	0	21.15	21.26	20.89	21.12	21.21		0
64QAM	1	0	20.83	21.08	20.62	20.73	20.83	0-2	0
	1	36	20.79	21.02	20.59	20.76	20.85		0
	1	74	20.87	20.96	20.58	20.78	20.83		0
	36	0	20.25	20.36	20.17	20.21	20.41	0-3	0.4
	36	18	20.29	20.32	20.13	20.19	20.33		0.4
	36	37	20.29	20.40	20.12	20.22	20.35		0.4
	75	0	20.29	20.32	20.17	20.22	20.40		0.4
256QAM	1	0	18.33	18.55	18.11	18.21	18.44	0-5	2.4
	1	36	18.37	18.43	18.18	18.26	18.38		2.4
	1	74	18.43	18.39	18.16	18.26	18.40		2.4
	36	0	18.53	18.77	18.30	18.45	18.65		2.4
	36	18	18.55	18.71	18.27	18.48	18.58		2.4
	36	37	18.62	18.66	18.23	18.51	18.56		2.4
	75	0	18.58	18.72	18.27	18.50	18.61		2.4

Table H-100

LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

LTE Band 41 10 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	21.61	21.70	21.41	21.58	21.67	0	0
	1	25	21.65	21.76	21.45	21.67	21.68		0
	1	49	21.61	21.62	21.35	21.63	21.67		0
	25	0	21.62	21.73	21.47	21.66	21.71	0-1	0
	25	12	21.70	21.76	21.41	21.66	21.72		0
	25	25	21.73	21.77	21.45	21.67	21.70		0
16QAM	50	0	21.70	21.75	21.48	21.66	21.70	0-1	0
	1	0	21.64	21.77	21.45	21.58	21.69		0
	1	25	21.70	21.78	21.49	21.65	21.70		0
	1	49	21.66	21.66	21.38	21.61	21.68	0-2	0
	25	0	21.22	21.36	21.04	21.22	21.30		0
	25	12	21.26	21.37	21.01	21.22	21.30		0
64QAM	25	25	21.31	21.31	21.02	21.21	21.25	0-2	0
	50	0	21.29	21.28	21.02	21.17	21.28		0
	1	0	20.86	21.00	20.72	20.81	20.90		0-2
	1	25	20.93	21.00	20.73	20.86	20.95	0	
	1	49	20.90	20.88	20.62	20.83	20.88	0	
	25	0	20.33	20.45	20.13	20.34	20.42	0-3	0.4
25	12	20.39	20.47	20.11	20.33	20.40	0.4		
25	25	20.41	20.40	20.13	20.32	20.39	0.4		
256QAM	50	0	20.44	20.50	20.21	20.38	20.50	0-5	0.4
	1	0	18.37	18.53	18.15	18.32	18.39		2.4
	1	25	18.43	18.54	18.16	18.36	18.45		2.4
	1	49	18.44	18.46	18.17	18.34	18.35	2.4	
	25	0	18.63	18.76	18.34	18.53	18.69	2.4	
	25	12	18.63	18.70	18.37	18.61	18.69	2.4	
	25	25	18.66	18.71	18.33	18.55	18.63		2.4
	50	0	18.66	18.79	18.39	18.63	18.71		2.4

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Table H-101

LTE Band 41 PC3 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

LTE Band 41 5 MHz Bandwidth									
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			39750 (2506.0 MHz)	40185 (2549.5 MHz)	40620 (2593.0 MHz)	41055 (2636.5 MHz)	41490 (2680.0 MHz)		
			Conducted Power [dBm]						
QPSK	1	0	22.03	22.10	21.86	21.96	22.11	0	0
	1	12	22.01	22.10	21.85	22.01	22.12		0
	1	24	22.04	22.04	21.80	21.94	22.10		0
	12	0	21.96	22.08	21.76	21.93	22.08	0-1	0
	12	6	22.00	22.03	21.77	21.94	22.07		0
	12	13	21.98	22.04	21.75	21.90	22.06		0
	25	0	22.01	22.11	21.82	21.97	22.09		0
16QAM	1	0	22.00	22.06	21.79	21.91	22.07	0-1	0
	1	12	22.00	22.04	21.79	21.95	22.09		0
	1	24	22.04	22.02	21.78	21.94	22.07		0
	12	0	21.58	21.65	21.34	21.51	21.65	0-2	0
	12	6	21.57	21.60	21.33	21.48	21.60		0
	12	13	21.59	21.59	21.34	21.46	21.57		0
	25	0	21.70	21.73	21.42	21.61	21.76		0
64QAM	1	0	21.28	21.36	21.09	21.23	21.35	0-2	0
	1	12	21.33	21.35	21.07	21.24	21.33		0
	1	24	21.32	21.34	21.08	21.24	21.34		0
	12	0	20.75	20.81	20.51	20.70	20.84	0-3	0.4
	12	6	20.76	20.76	20.49	20.69	20.83		0.4
	12	13	20.72	20.75	20.55	20.66	20.79		0.4
	25	0	20.84	20.85	20.57	20.72	20.85		0.4
256QAM	1	0	18.84	18.93	18.59	18.70	18.85	0-5	2.4
	1	12	18.84	18.92	18.55	18.75	18.87		2.4
	1	24	18.84	18.91	18.57	18.74	18.83		2.4
	12	0	19.07	19.20	18.85	19.07	19.20		2.4
	12	6	19.11	19.19	18.84	19.04	19.18		2.4
	12	13	19.09	19.18	18.84	18.96	19.13		2.4
	25	0	19.04	19.13	18.78	18.99	19.13		2.4

H.1.15 LTE Band 48 Antenna S4

Table H-102

LTE Band 48 Antenna S4 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	22.74	23.03	23.23	22.83	0	0
	1	36	22.85	23.06	23.20	22.82		0
	1	74	22.88	23.15	23.21	22.78		0
	36	0	21.75	22.00	22.20	21.80	0-1	1
	36	18	21.74	21.98	22.16	21.80		1
	36	37	21.82	22.04	22.15	21.82		1
	75	0	21.75	22.09	22.18	21.84		1
16QAM	1	0	21.73	22.02	22.27	21.85	0-1	1
	1	36	21.80	22.06	22.20	21.81		1
	1	74	21.85	22.13	22.19	21.78		1
	36	0	20.75	21.01	21.15	20.76	0-2	2
	36	18	20.73	20.99	21.19	20.69		2
	36	37	20.79	21.04	21.12	20.72		2
	75	0	20.75	21.01	21.22	20.78		2
64QAM	1	0	20.45	20.73	20.97	20.56	0-2	2
	1	36	20.49	20.81	20.87	20.50		2
	1	74	20.57	20.85	20.83	20.46		2
	36	0	19.73	20.06	20.19	19.77	0-3	3
	36	18	19.79	20.04	20.16	19.77		3
	36	37	19.79	20.08	20.16	19.78		3
	75	0	19.78	20.08	20.20	19.82		3
256QAM	1	0	17.54	17.89	18.05	17.71	0-5	5
	1	36	17.64	17.94	18.02	17.65		5
	1	74	17.68	17.95	17.97	17.62		5
	36	0	17.80	18.05	18.25	17.76		5
	36	18	17.75	18.02	18.19	17.77		5
	36	37	17.80	18.08	18.18	17.79		5
	75	0	17.73	18.06	18.21	17.80		5

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Table H-103
LTE Band 48 Antenna S4 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	22.70	23.00	23.23	22.77	0	0
	1	25	22.79	23.07	23.19	22.78		0
	1	49	22.82	23.07	23.13	22.74		0
	25	0	21.78	22.02	22.23	21.80	0-1	1
	25	12	21.82	22.08	22.25	21.83		1
	25	25	21.84	22.08	22.16	21.79		1
	50	0	21.81	22.05	22.25	21.81		1
16QAM	1	0	21.71	21.99	22.23	21.80	0-1	1
	1	25	21.80	22.05	22.19	21.79		1
	1	49	21.80	22.07	22.15	21.75		1
	25	0	20.75	21.04	21.24	20.80	0-2	2
	25	12	20.82	21.06	21.22	20.83		2
	25	25	20.85	21.10	21.21	20.77		2
	50	0	20.78	21.06	21.20	20.78		2
64QAM	1	0	20.45	20.75	20.94	20.50	0-2	2
	1	25	20.50	20.76	20.91	20.52		2
	1	49	20.52	20.78	20.88	20.43		2
	25	0	19.71	19.95	20.13	19.73	0-3	3
	25	12	19.77	19.99	20.15	19.76		3
	25	25	19.80	20.07	20.20	19.75		3
	50	0	19.80	20.06	20.28	19.84		3
256QAM	1	0	17.58	17.86	18.05	17.64	0-5	5
	1	25	17.65	17.90	18.05	17.63		5
	1	49	17.70	17.95	17.99	17.57		5
	25	0	17.75	18.01	18.20	17.76		5
	25	12	17.79	18.04	18.22	17.77		5
	25	25	17.81	18.11	18.17	17.78		5
	50	0	17.83	18.09	18.25	17.81		5

Table H-104
LTE Band 48 Antenna S4 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	22.79	22.75	23.24	22.75	0	0
	1	12	22.88	23.14	23.22	22.77		0
	1	24	22.83	23.15	23.18	22.75		0
	12	0	21.71	22.05	22.14	21.69	0-1	1
	12	6	21.78	22.06	22.22	21.69		1
	12	13	21.82	22.05	22.21	21.77		1
	25	0	21.81	22.10	22.22	21.72		1
16QAM	1	0	21.75	22.08	22.21	21.75	0-1	1
	1	12	21.83	22.09	22.20	21.79		1
	1	24	21.81	22.10	22.18	21.75		1
	12	0	20.65	20.98	21.10	20.68	0-2	2
	12	6	20.72	21.02	21.17	20.70		2
	12	13	20.77	21.00	21.13	20.66		2
	25	0	20.84	21.12	21.21	20.76		2
64QAM	1	0	20.43	20.80	20.90	20.50	0-2	2
	1	12	20.49	20.78	20.94	20.51		2
	1	24	20.51	20.83	20.86	20.45		2
	12	0	19.71	20.00	20.13	19.64	0-3	3
	12	6	19.73	20.04	20.15	19.69		3
	12	13	19.73	20.05	20.14	19.71		3
	25	0	19.76	20.07	20.16	19.72		3
256QAM	1	0	17.61	17.89	18.04	17.62	0-5	5
	1	12	17.66	17.94	18.08	17.63		5
	1	24	17.65	17.95	18.03	17.60		5
	12	0	17.82	18.10	18.24	17.79		5
	12	6	17.83	18.12	18.25	17.79		5
	12	13	17.84	18.11	18.24	17.81		5
	25	0	17.77	18.05	18.14	17.71		5

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Table H-105
LTE Band 48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

LTE Band 48 15 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55315 (3557.5 MHz)	55765 (3602.5 MHz)	56215 (3647.5 MHz)	56665 (3692.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	12.04	12.18	12.36	11.94	0	0
	1	36	12.06	12.28	12.43	11.98		0
	1	74	12.09	12.35	12.41	11.96		0
	36	0	12.04	12.23	12.36	11.99	0-1	0
	36	18	11.98	12.24	12.34	11.98		0
	36	37	12.06	12.29	12.38	11.99		0
	75	0	12.07	12.24	12.43	11.96		0
16QAM	1	0	12.09	12.25	12.39	11.98	0-1	0
	1	36	12.07	12.32	12.39	12.02		0
	1	74	12.15	12.39	12.36	12.00		0
	36	0	12.07	12.21	12.35	11.88	0-2	0
	36	18	12.03	12.18	12.32	11.87		0
	36	37	12.04	12.27	12.29	11.99		0
	75	0	12.02	12.24	12.39	12.01		0
64QAM	1	0	11.79	12.10	12.10	11.68	0-2	0
	1	36	11.70	12.11	12.06	11.70		0
	1	74	11.86	12.16	12.07	11.71		0
	36	0	12.16	12.18	12.37	12.02	0-3	0
	36	18	11.99	12.29	12.42	12.00		0
	36	37	12.09	12.34	12.35	12.03		0
	75	0	12.10	12.26	12.42	12.04		0
256QAM	1	0	11.92	12.10	12.27	11.86	0-5	0
	1	36	11.90	12.14	12.29	11.88		0
	1	74	11.96	12.22	12.30	11.89		0
	36	0	12.16	12.25	12.45	12.02		0
	36	18	12.04	12.31	12.46	12.03		0
	36	37	12.15	12.34	12.38	12.05		0
	75	0	12.06	12.33	12.40	12.06		0

Table H-106
LTE Band 48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

LTE Band 48 10 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55290 (3555.0 MHz)	55757 (3601.7 MHz)	56223 (3648.3 MHz)	56690 (3695.0 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	12.03	12.25	12.38	12.04	0	0
	1	25	12.03	12.24	12.39	11.98		0
	1	49	12.08	12.30	12.35	11.98		0
	25	0	12.07	12.23	12.43	12.00	0-1	0
	25	12	12.08	12.27	12.42	12.01		0
	25	25	12.10	12.26	12.36	11.98		0
	50	0	12.09	12.28	12.41	12.03		0
16QAM	1	0	12.02	12.24	12.42	12.01	0-1	0
	1	25	12.00	12.29	12.38	12.02		0
	1	49	12.13	12.39	12.39	12.06		0
	25	0	12.05	12.28	12.43	12.03	0-2	0
	25	12	12.06	12.26	12.43	11.99		0
	25	25	12.08	12.28	12.40	11.96		0
	50	0	12.08	12.29	12.44	12.04		0
64QAM	1	0	11.76	12.01	12.13	11.70	0-2	0
	1	25	11.75	12.08	12.09	11.73		0
	1	49	11.83	12.13	12.07	11.77		0
	25	0	12.00	12.23	12.34	11.96	0-3	0
	25	12	12.04	12.28	12.41	11.92		0
	25	25	12.03	12.23	12.35	11.97		0
	50	0	12.10	12.32	12.48	12.09		0
256QAM	1	0	11.91	12.07	12.34	11.92	0-5	0
	1	25	11.94	12.15	12.29	11.92		0
	1	49	11.99	12.20	12.26	11.92		0
	25	0	12.09	12.25	12.48	12.07		0
	25	12	12.10	12.31	12.44	12.05		0
	25	25	12.10	12.28	12.39	12.03		0
	50	0	12.14	12.34	12.47	12.12		0

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Table H-107
LTE Band 48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

LTE Band 48 5 MHz Bandwidth								
Modulation	RB Size	RB Offset	Low Channel	Low-Mid Channel	Mid-High Channel	High Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			55265 (3552.5 MHz)	55748 (3600.8 MHz)	56232 (3649.2 MHz)	56715 (3697.5 MHz)		
			Conducted Power [dBm]					
QPSK	1	0	12.07	12.23	12.44	11.96	0	0
	1	12	12.07	12.30	12.40	11.94		0
	1	24	12.09	12.31	12.43	12.00		0
	12	0	12.00	12.19	12.34	11.87		0
	12	6	12.05	12.22	12.40	11.92	0-1	0
	12	13	12.00	12.21	12.32	11.95		0
	25	0	12.04	12.23	12.40	11.98		0
	1	0	12.05	12.23	12.38	11.98		0
16QAM	1	12	12.10	12.32	12.36	11.90	0-1	0
	1	24	12.06	12.39	12.37	11.99		0
	12	0	11.97	12.20	12.30	11.88		0
	12	6	11.94	12.28	12.29	11.87		0
	12	13	11.95	12.17	12.28	11.90	0-2	0
	25	0	12.09	12.26	12.41	11.98		0
	1	0	11.74	12.08	12.10	11.69		0
	1	12	11.74	12.05	12.08	11.68		0
64QAM	1	24	11.76	12.12	12.13	11.67	0-2	0
	12	0	11.96	12.21	12.34	11.90		0
	12	6	11.98	12.21	12.31	11.89		0
	12	13	11.97	12.18	12.33	11.92		0
	25	0	12.04	12.23	12.39	11.96	0-3	0
	1	0	11.94	12.13	12.27	11.87		0
	1	12	11.92	12.10	12.24	11.85		0
	1	24	11.95	12.26	12.26	11.87		0
256QAM	12	0	12.10	12.34	12.48	12.02	0-5	0
	12	6	12.13	12.35	12.47	12.05		0
	12	13	12.14	12.34	12.45	12.05		0
	25	0	12.09	12.29	12.44	11.98		0

H.2 NR Lower Bandwidth RF Conducted Powers

H.2.1 NR Band n71 Antenna M1

Table H-108
NR Band n71 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.95	0	0.0
	1	40	23.99		0.0
	1	77	23.60		0.0
	36	0	23.55	0-1	1.0
	36	22	23.84	0	0.0
	36	43	23.33	0-1	1.0
	75	0	23.50		1.0
DFT-s-OFDM 16QAM	1	1	23.22	0-1	1.0
CP-OFDM QPSK	1	1	22.68	0-1.5	1.5

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Table H-109
NR Band n71 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.89	23.92	23.52	0	0.0
	1	26	24.09	24.09	23.51		0.0
	1	50	23.98	23.73	23.29		0.0
	25	0	23.23	23.44	22.99	0-1	1.0
	25	14	23.89	23.81	23.36	0	0.0
	25	27	23.51	23.38	22.84	0-1	1.0
	50	0	23.34	23.43	22.92		1.0
DFT-s-OFDM 16QAM	1	1	23.33	23.21	23.08	0-1	1.0
CP-OFDM QPSK	1	1	22.54	22.93	22.36	0-1.5	1.5

Table H-110
NR Band n71 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.91	24.01	23.47	0	0.0
	1	13	23.90	23.96	23.36		0.0
	1	23	23.90	23.64	23.35		0.0
	12	0	23.26	23.32	22.85	0-1	1.0
	12	7	23.79	23.77	23.36	0	0.0
	12	13	23.35	23.27	22.80	0-1	1.0
	25	0	23.36	23.30	22.87		1.0
DFT-s-OFDM 16QAM	1	1	23.12	23.20	23.04	0-1	1.0
CP-OFDM QPSK	1	1	22.57	22.65	22.31	0-1.5	1.5

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Table H-111
NR Band n71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n71 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			136100 (680.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.66	0	0.0
	1	40	15.70		0.0
	1	77	15.42		0.0
	36	0	16.01	0-1	0.0
	36	22	15.78	0	0.0
	36	43	15.79	0-1	0.0
	75	0	15.98		0.0
DFT-s-OFDM 16QAM	1	1	15.77	0-1	0.0
CP-OFDM QPSK	1	1	16.04	0-1.5	0.0

Table H-112
NR Band n71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n71 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133600 (668 MHz)	136100 (680.5 MHz)	138600 (693 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.53	15.58	15.30	0	0.0
	1	26	15.72	15.67	15.19		0.0
	1	50	15.70	15.45	15.06		0.0
	25	0	15.73	16.01	15.40	0-1	0.0
	25	14	15.78	15.81	15.26	0	0.0
	25	27	15.95	15.79	15.24	0-1	0.0
	50	0	15.79	15.87	15.35		0.0
DFT-s-OFDM 16QAM	1	1	15.63	15.76	15.37	0-1	0.0
CP-OFDM QPSK	1	1	15.93	16.09	15.67	0-1.5	0.0

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Table H-113
NR Band n71 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n71 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	133100 (665.5 MHz)	136100 (680.5 MHz)	139100 (695.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.54	15.69	15.18	0	0.0
	1	13	15.59	15.71	15.15		0.0
	1	23	15.67	15.58	15.02		0.0
	12	0	15.70	15.75	15.25	0-1	0.0
	12	7	15.71	15.75	15.21	0	0.0
	12	13	15.78	15.68	15.26	0-1	0.0
	25	0	15.80	15.77	15.30		0.0
DFT-s-OFDM 16QAM	1	1	15.62	15.76	15.24	0-1	0.0
CP-OFDM QPSK	1	1	16.02	16.20	15.64	0-1.5	0.0

H.2.2 NR Band n12 Antenna M1

Table H-114
NR Band n12 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.44	0	0.0
	1	26	23.58		0.0
	1	50	23.41		0.0
	25	0	22.91	0-1	1.0
	25	14	23.44	0	0.0
	25	27	22.76	0-1	1.0
	50	0	22.89		1.0
DFT-s-OFDM 16QAM	1	1	23.12	0-1	1.0
CP-OFDM QPSK	1	1	22.34	0-1.5	1.5

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Table H-115
NR Band n12 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) – 5 MHz Bandwidth

NR Band n12 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.25	23.47	23.35	0	0.0
	1	13	23.31	23.44	23.36		0.0
	1	23	23.40	23.40	23.31		0.0
	12	0	22.73	22.98	22.78	0-1	1.0
	12	7	23.35	23.40	23.32	0	0.0
	12	13	22.89	22.78	22.72	0-1	1.0
	25	0	22.79	22.89	22.74		1.0
DFT-s-OFDM 16QAM	1	1	22.94	23.00	23.07	0-1	1.0
CP-OFDM QPSK	1	1	22.22	22.25	22.32	0-1.5	1.5

Table H-116
NR Band n12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n12 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			141500 (707.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	15.92	0	0.0
	1	26	15.93		0.0
	1	50	15.86		0.0
	25	0	16.03	0-1	0.0
	25	14	15.99	0	0.0
	25	27	15.81	0-1	0.0
	50	0	15.95		0.0
DFT-s-OFDM 16QAM	1	1	15.99	0-1	0.0
CP-OFDM QPSK	1	1	16.21	0-1.5	0.0

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Table H-117
NR Band n12 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth
NR Band n12
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	140300 (701.5 MHz)	141500 (707.5 MHz)	142700 (713.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	15.79	15.88	15.79	0	0.0
	1	13	15.84	15.91	15.81		0.0
	1	23	15.89	15.83	15.80		0.0
	12	0	15.80	15.98	15.83	0-1	0.0
	12	7	15.89	15.97	15.91	0	0.0
	12	13	15.97	15.88	15.85	0-1	0.0
	25	0	15.88	15.97	15.86		0.0
DFT-s-OFDM 16QAM	1	1	15.81	15.97	15.82	0-1	0.0
CP-OFDM QPSK	1	1	16.04	16.25	16.05	0-1.5	0.0

H.2.3 NR Band n26 Antenna M1

Table H-118
NR Band n26 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	22.83	23.00	0	0.0
	1	40	22.73	23.24		0.0
	1	77	22.81	23.13		0.0
	36	0	22.22	22.42	0-1	1.0
	36	22	22.75	23.16	0	0.0
	36	43	22.19	22.48	0-1	1.0
	75	0	22.17	22.43		1.0
DFT-s-OFDM 16QAM	1	1	22.48	22.33	0-1	1.0
CP-OFDM QPSK	1	1	21.70	21.84	0-1.5	1.5

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Table H-119
NR Band n26 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.86	22.74	23.12	0	0.0
	1	26	22.91	23.05	23.27		0.0
	1	50	22.72	23.01	23.09		0.0
	25	0	22.18	22.32	22.45	0-1	1.0
	25	14	22.73	22.89	23.17	0	0.0
	25	27	22.24	22.47	22.32	0-1	1.0
	50	0	22.26	22.42	22.34		1.0
DFT-s-OFDM 16QAM	1	1	22.47	22.28	22.50	0-1	1.0
CP-OFDM QPSK	1	1	21.69	21.56	21.81	0-1.5	1.5

Table H-120
NR Band n26 Antenna M1 Measured P_{Max} for ECI = 0 (Free), ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.88	22.74	23.22	0	0.0
	1	13	22.82	22.87	23.18		0.0
	1	23	22.78	22.93	23.15		0.0
	12	0	22.31	22.30	22.49	0-1	1.0
	12	7	22.84	22.83	23.19	0	0.0
	12	13	22.27	22.31	22.44	0-1	1.0
	25	0	22.29	22.34	22.32		1.0
DFT-s-OFDM 16QAM	1	1	22.46	22.31	22.49	0-1	1.0
CP-OFDM QPSK	1	1	21.74	21.61	21.93	0-1.5	1.5

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Table H-121
NR Band n26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n26 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	164300 (821.5 MHz)	168300 (841.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.67	13.80	0	0.0
	1	40	13.51	13.86		0.0
	1	77	13.66	13.86		0.0
	36	0	13.70	13.98	0-1	0.0
	36	22	13.63	14.11	0	0.0
	36	43	13.62	13.91	0-1	0.0
	75	0	13.68	14.06		0.0
DFT-s-OFDM 16QAM	1	1	13.77	13.82	0-1	0.0
CP-OFDM QPSK	1	1	13.99	14.12	0-1.5	0.0

Table H-122
NR Band n26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n26 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163800 (819 MHz)	166300 (831.5 MHz)	168800 (844 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.72	13.54	13.85	0	0.0
	1	26	13.68	13.77	13.83		0.0
	1	50	13.59	13.85	13.81		0.0
	25	0	13.70	13.84	13.95	0-1	0.0
	25	14	13.65	13.90	13.96	0	0.0
	25	27	13.69	14.00	13.95	0-1	0.0
	50	0	13.69	13.91	14.00		0.0
DFT-s-OFDM 16QAM	1	1	13.73	13.62	13.93	0-1	0.0
CP-OFDM QPSK	1	1	14.00	13.86	14.18	0-1.5	0.0

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Table H-123
NR Band n26 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n26 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	163300 (816.5 MHz)	166300 (831.5 MHz)	169300 (846.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	13.73	13.69	13.88	0	0.0
	1	13	13.71	13.78	13.83		0.0
	1	23	13.66	13.72	13.88		0.0
	12	0	13.74	13.78	13.99	0-1	0.0
	12	7	13.75	13.81	13.97	0	0.0
	12	13	13.74	13.83	14.03	0-1	0.0
	25	0	13.77	13.83	14.01		0.0
DFT-s-OFDM 16QAM	1	1	13.76	13.78	13.99	0-1	0.0
CP-OFDM QPSK	1	1	14.04	14.04	14.20	0-1.5	0.0

H.2.4 NR Band n70 Antenna M1

Table H-124
NR Band n70 Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.99	0	0.0
	1	26	23.05		0.0
	1	50	23.02		0.0
	25	0	22.66	0-1	0.0
	25	14	23.01	0	0.0
	25	27	22.59	0-1	0.0
	50	0	22.63		0.0
DFT-s-OFDM 16QAM	1	1	22.38	0-1	0.0
CP-OFDM QPSK	1	1	22.07	0-1.5	0.0

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Table H-125
NR Band n70 Antenna M1 Measured P_{Max} for ECI = 0 (Free) – 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	23.01	22.98	0	0.0
	1	13	23.01	22.97		0.0
	1	23	23.06	23.01		0.0
	12	0	22.53	22.54	0-1	0.0
	12	7	23.07	23.10	0	0.0
	12	13	22.52	22.53	0-1	0.0
	25	0	22.49	22.54		0.0
DFT-s-OFDM 16QAM	1	1	22.76	22.88	0-1	0.0
CP-OFDM QPSK	1	1	22.10	22.14	0-1.5	0.0

Table H-126
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	13.10	0	0.0
	1	26	13.21		0.0
	1	50	13.10		0.0
	25	0	13.18	0-1	0.0
	25	14	13.20	0	0.0
	25	27	13.22	0-1	0.0
	50	0	13.18		0.0
DFT-s-OFDM 16QAM	1	1	12.96	0-1	0.0
CP-OFDM QPSK	1	1	13.22	0-1.5	0.0

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Table H-127
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	13.22	13.21	0	0.0
	1	13	13.20	13.25		0.0
	1	23	13.26	13.17		0.0
	12	0	13.30	13.27	0-1	0.0
	12	7	13.36	13.29	0	0.0
	12	13	13.28	13.24	0-1	0.0
	25	0	13.28	13.25		0.0
DFT-s-OFDM 16QAM	1	1	13.29	13.41	0-1	0.0
CP-OFDM QPSK	1	1	13.26	13.26	0-1.5	0.0

Table H-128
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n70 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			340500 (1702.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	21.75	0	0.0
	1	26	21.90		0.0
	1	50	21.78		0.0
	25	0	21.87	0-1	0.0
	25	14	21.91	0	0.0
	25	27	21.80	0-1	0.0
	50	0	21.83		0.0
DFT-s-OFDM 16QAM	1	1	21.66	0-1	0.0
CP-OFDM QPSK	1	1	21.21	0-1.5	0.0

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Table H-129
NR Band n70 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n70 5 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	339500 (1697.5 MHz)	341500 (1707.5 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	21.82	21.82	0	0.0
	1	13	21.79	21.80		0.0
	1	23	21.82	21.84		0.0
	12	0	21.89	21.88	0-1	0.0
	12	7	21.95	21.92	0	0.0
	12	13	21.89	21.85	0-1	0.0
	25	0	21.86	21.90		0.0
DFT-s-OFDM 16QAM	1	1	22.22	22.23	0-1	0.0
CP-OFDM QPSK	1	1	21.86	21.90	0-1.5	0.0

H.2.5 NR Band n66 Antenna M1

Table H-130
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 35 MHz Bandwidth

NR Band n66 35 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.74	0	0.0
	1	94	23.71		0.0
	1	186	23.42		0.0
	90	0	22.84	0-1	0.5
	90	49	23.89	0	0.0
	90	98	22.65	0-1	0.5
	180	0	22.74		0.5
DFT-s-OFDM 16QAM	1	1	22.82	0-1	0.5
CP-OFDM QPSK	1	1	22.32	0-1.5	1.0

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Table H-131
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.63	0	0.0
	1	80	23.68		0.0
	1	158	23.38		0.0
	80	0	23.15	0-1	0.5
	80	40	23.69	0	0.0
	80	80	22.98	0-1	0.5
	160	0	23.06		0.5
DFT-s-OFDM 16QAM	1	1	23.06	0-1	0.5
CP-OFDM QPSK	1	1	22.64	0-1.5	1.0

Table H-132
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.80	0	0.0
	1	67	23.76		0.0
	1	131	23.58		0.0
	64	0	22.72	0-1	0.5
	64	35	23.73	0	0.0
	64	69	22.51	0-1	0.5
	128	0	22.63		0.5
DFT-s-OFDM 16QAM	1	1	22.96	0-1	0.5
CP-OFDM QPSK	1	1	22.41	0-1.5	1.0

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Table H-133
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.76	23.63	23.25	0	0.0
	1	53	23.77	23.70	23.32		0.0
	1	104	23.57	23.39	23.25		0.0
	50	0	23.31	23.16	22.80	0-1	0.5
	50	28	23.81	23.63	23.28	0	0.0
	50	56	23.25	22.98	22.82	0-1	0.5
	100	0	23.31	23.11	22.80		0.5
DFT-s-OFDM 16QAM	1	1	23.24	23.11	22.72	0-1	0.5
CP-OFDM QPSK	1	1	22.80	22.69	22.33	0-1.5	1.0

Table H-134
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.80	23.59	23.16	0	0.0
	1	40	23.79	23.61	23.19		0.0
	1	77	23.70	23.41	23.18		0.0
	36	0	23.34	23.19	22.71	0-1	0.5
	36	22	23.85	23.69	23.32	0	0.0
	36	43	23.29	23.04	22.74	0-1	0.5
	75	0	23.30	23.13	22.79		0.5
DFT-s-OFDM 16QAM	1	1	23.24	23.30	22.95	0-1	0.5
CP-OFDM QPSK	1	1	22.78	22.62	22.25	0-1.5	1.0

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Table H-135
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.80	23.53	23.31	0	0.0
	1	26	23.84	23.61	23.39		0.0
	1	50	23.76	23.48	23.32		0.0
	25	0	23.34	23.12	22.80	0-1	0.5
	25	14	23.87	23.60	23.35	0	0.0
	25	27	23.29	22.98	22.77	0-1	0.5
	50	0	23.34	23.08	22.82		0.5
DFT-s-OFDM 16QAM	1	1	23.29	23.25	22.98	0-1	0.5
CP-OFDM QPSK	1	1	22.85	22.60	22.32	0-1.5	1.0

Table H-136
NR Band n66 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.70	23.61	23.31	0	0.0
	1	13	23.65	23.59	23.29		0.0
	1	23	23.63	23.48	23.29		0.0
	12	0	23.25	23.11	22.80	0-1	0.5
	12	7	23.76	23.60	23.38	0	0.0
	12	13	23.25	23.02	22.76	0-1	0.5
	25	0	23.24	23.09	22.76		0.5
DFT-s-OFDM 16QAM	1	1	23.42	23.34	23.07	0-1	0.5
CP-OFDM QPSK	1	1	22.69	22.58	22.29	0-1.5	1.0

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Table H-137
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 35 MHz Bandwidth

NR Band n66 35 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.46	0	0.0
	1	94	14.49		0.0
	1	186	14.26		0.0
	90	0	14.46	0-1	0.0
	90	49	14.48	0	0.0
	90	98	14.41	0-1	0.0
	180	0	14.44		0.0
DFT-s-OFDM 16QAM	1	1	14.42	0-1	0.0
CP-OFDM QPSK	1	1	14.47	0-1.5	0.0

Table H-138
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.21	0	0.0
	1	80	14.31		0.0
	1	158	14.11		0.0
	80	0	14.34	0-1	0.0
	80	40	14.35	0	0.0
	80	80	14.18	0-1	0.0
	160	0	14.30		0.0
DFT-s-OFDM 16QAM	1	1	14.46	0-1	0.0
CP-OFDM QPSK	1	1	14.29	0-1.5	0.0

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Table H-139
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	14.42	0	0.0
	1	67	14.41		0.0
	1	131	14.35		0.0
	64	0	14.38	0-1	0.0
	64	35	14.43	0	0.0
	64	69	14.20	0-1	0.0
	128	0	14.41		0.0
DFT-s-OFDM 16QAM	1	1	14.46	0-1	0.0
CP-OFDM QPSK	1	1	14.42	0-1.5	0.0

Table H-140
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.47	14.25	14.02	0	0.0
	1	53	14.42	14.32	14.02		0.0
	1	104	14.22	14.12	14.03		0.0
	50	0	14.38	14.30	13.98	0-1	0.0
	50	28	14.44	14.28	13.99	0	0.0
	50	56	14.35	14.15	13.99	0-1	0.0
	100	0	14.44	14.21	14.03		0.0
DFT-s-OFDM 16QAM	1	1	14.35	14.45	13.87	0-1	0.0
CP-OFDM QPSK	1	1	14.42	14.22	13.93	0-1.5	0.0

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Table H-141
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.46	14.29	13.95	0	0.0
	1	40	14.46	14.20	13.99		0.0
	1	77	14.27	14.09	13.96		0.0
	36	0	14.46	14.27	13.95	0-1	0.0
	36	22	14.43	14.28	13.96	0	0.0
	36	43	14.37	14.09	13.97	0-1	0.0
	75	0	14.46	14.27	13.95		0.0
DFT-s-OFDM 16QAM	1	1	14.31	14.41	14.09	0-1	0.0
CP-OFDM QPSK	1	1	14.45	14.15	13.93	0-1.5	0.0

Table H-142
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n66 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.49	14.27	13.97	0	0.0
	1	26	14.49	14.35	14.13		0.0
	1	50	14.32	14.11	14.12		0.0
	25	0	14.43	14.30	13.94	0-1	0.0
	25	14	14.49	14.24	14.04	0	0.0
	25	27	14.38	14.16	13.93	0-1	0.0
	50	0	14.46	14.22	14.03		0.0
DFT-s-OFDM 16QAM	1	1	14.34	14.09	14.17	0-1	0.0
CP-OFDM QPSK	1	1	14.47	14.20	13.98	0-1.5	0.0

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Table H-143
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n66 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	14.38	14.19	14.00	0	0.0
	1	13	14.33	14.23	14.07		0.0
	1	23	14.26	14.16	14.03		0.0
	12	0	14.42	14.21	14.02	0-1	0.0
	12	7	14.43	14.24	14.00	0	0.0
	12	13	14.30	14.12	13.99	0-1	0.0
	25	0	14.37	14.14	13.93		0.0
DFT-s-OFDM 16QAM	1	1	14.48	14.37	14.20	0-1	0.0
CP-OFDM QPSK	1	1	14.37	14.16	14.00	0-1.5	0.0

Table H-144
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 35 MHz Bandwidth

NR Band n66 35 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.31	0	0.0
	1	94	22.39		0.0
	1	186	22.01		0.0
	90	0	22.30	0-1	0.0
	90	49	22.34	0	0.0
	90	98	22.12	0-1	0.0
	180	0	22.17		0.0
DFT-s-OFDM 16QAM	1	1	22.37	0-1	0.0
CP-OFDM QPSK	1	1	22.35	0-1.5	0.0

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Table H-145
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n66 30 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.17	0	0.0
	1	80	22.26		0.0
	1	158	21.89		0.0
	80	0	22.25	0-1	0.0
	80	40	22.22	0	0.0
	80	80	22.02	0-1	0.0
	160	0	22.12		0.0
DFT-s-OFDM 16QAM	1	1	22.32	0-1	0.0
CP-OFDM QPSK	1	1	22.23	0-1.5	0.0

Table H-146
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n66 25 MHz Bandwidth					
			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	349000 (1745 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.38	0	0.0
	1	67	22.25		0.0
	1	131	22.12		0.0
	64	0	22.25	0-1	0.0
	64	35	22.23	0	0.0
	64	69	21.99	0-1	0.0
	128	0	22.06		0.0
DFT-s-OFDM 16QAM	1	1	22.35	0-1	0.0
CP-OFDM QPSK	1	1	22.39	0-1.5	0.0

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Table H-147

NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 20 MHz Bandwidth

NR Band n66 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	344000 (1720 MHz)	349000 (1745 MHz)	354000 (1770 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.28	22.16	21.81	0	0.0
	1	53	22.29	22.22	21.83		0.0
	1	104	22.14	21.95	21.77		0.0
	50	0	22.34	22.22	21.80	0-1	0.0
	50	28	22.33	22.17	21.85	0	0.0
	50	56	22.28	22.08	21.80	0-1	0.0
	100	0	22.35	22.17	21.91		0.0
DFT-s-OFDM 16QAM	1	1	22.44	22.31	22.18	0-1	0.0
CP-OFDM QPSK	1	1	22.41	22.22	21.88	0-1.5	0.0

Table H-148

NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n66 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343500 (1717.5 MHz)	349000 (1745 MHz)	354500 (1772.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.33	22.09	21.75	0	0.0
	1	40	22.32	22.10	21.74		0.0
	1	77	22.22	21.99	21.80		0.0
	36	0	22.40	22.23	21.82	0-1	0.0
	36	22	22.39	22.19	21.85	0	0.0
	36	43	22.35	22.13	21.80	0-1	0.0
	75	0	22.34	22.17	21.82		0.0
DFT-s-OFDM 16QAM	1	1	22.48	22.33	22.11	0-1	0.0
CP-OFDM QPSK	1	1	22.40	22.24	21.80	0-1.5	0.0

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Table H-149
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth
NR Band n66
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	343000 (1715 MHz)	349000 (1745 MHz)	355000 (1775 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.33	22.13	21.82	0	0.0
	1	26	22.36	22.11	21.88		0.0
	1	50	22.22	22.03	21.84		0.0
	25	0	22.41	22.19	21.86	0-1	0.0
	25	14	22.35	22.15	21.94	0	0.0
	25	27	22.28	22.05	21.82	0-1	0.0
	50	0	22.38	22.15	21.87		0.0
DFT-s-OFDM 16QAM	1	1	22.42	22.29	22.20	0-1	0.0
CP-OFDM QPSK	1	1	22.40	22.18	21.91	0-1.5	0.0

Table H-150
NR Band n66 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth
NR Band n66
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	342500 (1712.5 MHz)	349000 (1745 MHz)	355500 (1777.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	22.21	22.05	21.76	0	0.0
	1	13	22.19	22.03	21.77		0.0
	1	23	22.18	22.00	21.81		0.0
	12	0	22.28	22.14	21.81	0-1	0.0
	12	7	22.32	22.10	21.84	0	0.0
	12	13	22.27	22.02	21.77	0-1	0.0
	25	0	22.30	22.10	21.79		0.0
DFT-s-OFDM 16QAM	1	1	22.28	22.28	22.06	0-1	0.0
CP-OFDM QPSK	1	1	22.24	22.13	21.85	0-1.5	0.0

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H.2.6 NR Band n25 Antenna M1

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NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 35 MHz Bandwidth

NR Band n25 35 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.80	0	0.0
	1	94	23.93		0.0
	1	186	23.75		0.0
	90	0	23.01	0-1	0.0
	90	49	23.94	0	0.0
	90	98	22.98	0-1	0.0
	180	0	22.97		0.0
DFT-s-OFDM 16QAM	1	1	22.98	0-1	0.0
CP-OFDM QPSK	1	1	22.57	0-1.5	0.5

Table H-152

NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.70	0	0.0
	1	80	23.79		0.0
	1	158	23.70		0.0
	80	0	23.28	0-1	0.0
	80	40	23.85	0	0.0
	80	80	23.29	0-1	0.0
	160	0	23.23		0.0
DFT-s-OFDM 16QAM	1	1	22.94	0-1	0.0
CP-OFDM QPSK	1	1	22.75	0-1.5	0.5

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Table H-153
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.72	0	0.0
	1	67	23.69		0.0
	1	131	23.64		0.0
	64	0	23.15	0-1	0.0
	64	35	23.75	0	0.0
	64	69	23.15	0-1	0.0
	128	0	23.18		0.0
DFT-s-OFDM 16QAM	1	1	23.17	0-1	0.0
CP-OFDM QPSK	1	1	22.79	0-1.5	0.5

Table H-154
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.80	23.73	23.79	0	0.0
	1	53	23.85	23.81	23.92		0.0
	1	104	23.79	23.71	23.84		0.0
	50	0	23.33	23.24	23.46	0-1	0.0
	50	28	23.85	23.83	23.93	0	0.0
	50	56	23.35	23.22	23.31	0-1	0.0
	100	0	23.41	23.33	23.44		0.0
DFT-s-OFDM 16QAM	1	1	23.17	23.16	23.30	0-1	0.0
CP-OFDM QPSK	1	1	22.73	22.70	22.81	0-1.5	0.5

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Table H-155
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.81	23.75	23.79	0	0.0
	1	40	23.83	23.78	23.83		0.0
	1	77	23.80	23.71	23.81		0.0
	36	0	23.37	23.32	23.40	0-1	0.0
	36	22	23.90	23.82	23.91	0	0.0
	36	43	23.37	23.24	23.38	0-1	0.0
	75	0	23.40	23.28	23.42		0.0
DFT-s-OFDM 16QAM	1	1	23.25	23.19	23.16	0-1	0.0
CP-OFDM QPSK	1	1	22.79	22.68	22.72	0-1.5	0.5

Table H-156
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.83	23.72	23.74	0	0.0
	1	26	23.88	23.79	23.82		0.0
	1	50	23.77	23.76	23.84		0.0
	25	0	23.33	23.21	23.32	0-1	0.0
	25	14	23.89	23.79	23.84	0	0.0
	25	27	23.33	23.22	23.24	0-1	0.0
	50	0	23.36	23.26	23.32		0.0
DFT-s-OFDM 16QAM	1	1	23.28	23.21	23.07	0-1	0.0
CP-OFDM QPSK	1	1	22.81	22.69	22.70	0-1.5	0.5

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Table H-157
NR Band n25 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n25 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.77	23.74	23.78	0	0.0
	1	13	23.66	23.73	23.81		0.0
	1	23	23.73	23.65	23.75		0.0
	12	0	23.28	23.31	23.34	0-1	0.0
	12	7	23.83	23.80	23.83	0	0.0
	12	13	23.24	23.23	23.24	0-1	0.0
	25	0	23.29	23.22	23.31		0.0
DFT-s-OFDM 16QAM	1	1	23.17	23.17	23.06	0-1	0.0
CP-OFDM QPSK	1	1	22.91	22.68	22.66	0-1.5	0.5

Table H-158
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 35 MHz Bandwidth

NR Band n25 35 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.83	0	0.0
	1	94	11.90		0.0
	1	186	11.76		0.0
	90	0	11.88	0-1	0.0
	90	49	11.92	0	0.0
	90	98	11.78	0-1	0.0
	180	0	11.88		0.0
DFT-s-OFDM 16QAM	1	1	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.93	0-1.5	0.0

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Table H-159
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.62	0	0.0
	1	80	11.67		0.0
	1	158	11.59		0.0
	80	0	11.73	0-1	0.0
	80	40	11.67	0	0.0
	80	80	11.62	0-1	0.0
	160	0	11.67		0.0
DFT-s-OFDM 16QAM	1	1	11.82	0-1	0.0
CP-OFDM QPSK	1	1	11.67	0-1.5	0.0

Table H-160
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	11.63	0	0.0
	1	67	11.56		0.0
	1	131	11.60		0.0
	64	0	11.63	0-1	0.0
	64	35	11.60	0	0.0
	64	69	11.55	0-1	0.0
	128	0	11.61		0.0
DFT-s-OFDM 16QAM	1	1	11.88	0-1	0.0
CP-OFDM QPSK	1	1	11.75	0-1.5	0.0

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Table H-161

NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.88	11.65	11.90	0	0.0
	1	53	11.86	11.82	11.91		0.0
	1	104	11.82	11.68	11.92		0.0
	50	0	11.88	11.89	11.94	0-1	0.0
	50	28	11.91	11.90	11.98	0	0.0
	50	56	11.97	11.84	11.93	0-1	0.0
	100	0	11.95	11.87	11.93		0.0
DFT-s-OFDM 16QAM	1	1	11.91	11.87	11.97	0-1	0.0
CP-OFDM QPSK	1	1	11.87	11.88	11.89	0-1.5	0.0

Table H-162

NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.80	11.80	11.83	0	0.0
	1	40	11.82	11.81	11.85		0.0
	1	77	11.84	11.72	11.89		0.0
	36	0	11.89	11.86	11.95	0-1	0.0
	36	22	11.97	11.93	11.99	0	0.0
	36	43	11.94	11.85	11.89	0-1	0.0
	75	0	11.96	11.88	11.99		0.0
DFT-s-OFDM 16QAM	1	1	11.93	11.88	11.97	0-1	0.0
CP-OFDM QPSK	1	1	11.92	11.76	11.90	0-1.5	0.0

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Table H-163
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth
NR Band n25
10 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.90	11.78	11.84	0	0.0
	1	26	11.92	11.82	11.82		0.0
	1	50	11.89	11.68	11.80		0.0
	25	0	11.96	11.87	11.92	0-1	0.0
	25	14	11.98	11.86	11.88	0	0.0
	25	27	11.92	11.80	11.80	0-1	0.0
	50	0	11.92	11.88	11.89		0.0
DFT-s-OFDM 16QAM	1	1	11.91	11.88	11.93	0-1	0.0
CP-OFDM QPSK	1	1	11.91	11.80	11.78	0-1.5	0.0

Table H-164
NR Band n25 Antenna M11 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth
NR Band n25
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.76	11.80	11.79	0	0.0
	1	13	11.73	11.79	11.77		0.0
	1	23	11.78	11.62	11.81		0.0
	12	0	11.86	11.82	11.86	0-1	0.0
	12	7	11.87	11.85	11.86	0	0.0
	12	13	11.80	11.79	11.79	0-1	0.0
	25	0	11.79	11.85	11.86		0.0
DFT-s-OFDM 16QAM	1	1	11.95	11.86	11.94	0-1	0.0
CP-OFDM QPSK	1	1	11.84	11.77	11.84	0-1.5	0.0

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Table H-165
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 35 MHz Bandwidth

NR Band n25 35 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.86	0	0.0
	1	94	17.90		0.0
	1	186	17.69		0.0
	90	0	17.91	0-1	0.0
	90	49	17.93	0	0.0
	90	98	17.80	0-1	0.0
	180	0	17.92		0.0
DFT-s-OFDM 16QAM	1	1	17.93	0-1	0.0
CP-OFDM QPSK	1	1	17.95	0-1.5	0.0

Table H-166
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n25 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.63	0	0.0
	1	80	17.73		0.0
	1	158	17.56		0.0
	80	0	17.69	0-1	0.0
	80	40	17.75	0	0.0
	80	80	17.72	0-1	0.0
	160	0	17.71		0.0
DFT-s-OFDM 16QAM	1	1	17.90	0-1	0.0
CP-OFDM QPSK	1	1	17.71	0-1.5	0.0

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Table H-167
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n25 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			376500 (1882.5 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.65	0	0.0
	1	67	17.55		0.0
	1	131	17.55		0.0
	64	0	17.61	0-1	0.0
	64	35	17.70	0	0.0
	64	69	17.60	0-1	0.0
	128	0	17.64		0.0
DFT-s-OFDM 16QAM	1	1	17.88	0-1	0.0
CP-OFDM QPSK	1	1	17.67	0-1.5	0.0

Table H-168
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 20 MHz Bandwidth

NR Band n25 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	372000 (1860 MHz)	376500 (1882.5 MHz)	381000 (1905 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.90	17.85	17.94	0	0.0
	1	53	17.91	17.90	17.97		0.0
	1	104	17.91	17.84	17.92		0.0
	50	0	17.90	17.89	18.04	0-1	0.0
	50	28	17.95	17.96	18.03	0	0.0
	50	56	17.96	17.81	17.88	0-1	0.0
	100	0	17.94	17.85	18.06		0.0
DFT-s-OFDM 16QAM	1	1	18.22	17.90	18.16	0-1	0.0
CP-OFDM QPSK	1	1	17.89	17.91	17.96	0-1.5	0.0

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Table H-169

NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n25 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371500 (1857.5 MHz)	376500 (1882.5 MHz)	381500 (1907.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.96	17.63	17.87	0	0.0
	1	40	17.94	17.94	17.96		0.0
	1	77	17.92	17.84	17.93		0.0
	36	0	18.00	17.90	17.95	0-1	0.0
	36	22	17.98	17.91	17.97	0	0.0
	36	43	17.91	17.82	17.84	0-1	0.0
	75	0	18.01	17.91	17.98		0.0
DFT-s-OFDM 16QAM	1	1	18.08	17.88	18.08	0-1	0.0
CP-OFDM QPSK	1	1	17.88	17.84	17.84	0-1.5	0.0

Table H-170

NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n25 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	371000 (1855 MHz)	376500 (1882.5 MHz)	382000 (1910 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.90	17.65	17.84	0	0.0
	1	26	17.87	17.85	17.90		0.0
	1	50	17.93	17.85	17.92		0.0
	25	0	17.90	17.88	17.99	0-1	0.0
	25	14	17.99	17.96	18.03	0	0.0
	25	27	17.99	17.82	17.93	0-1	0.0
	50	0	17.94	17.91	18.02		0.0
DFT-s-OFDM 16QAM	1	1	18.25	17.90	18.26	0-1	0.0
CP-OFDM QPSK	1	1	17.90	17.87	17.85	0-1.5	0.0

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Table H-171
NR Band n25 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth
NR Band n25
5 MHz Bandwidth

			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	370500 (1852.5 MHz)	376500 (1882.5 MHz)	382500 (1912.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	17.94	17.63	17.84	0	0.0
	1	13	17.90	17.90	17.94		0.0
	1	23	17.86	17.83	17.90		0.0
	12	0	17.97	17.84	17.91	0-1	0.0
	12	7	17.98	17.90	17.97	0	0.0
	12	13	17.94	17.82	17.85	0-1	0.0
	25	0	17.98	17.89	17.94		0.0
DFT-s-OFDM 16QAM	1	1	18.05	17.87	18.05	0-1	0.0
CP-OFDM QPSK	1	1	17.84	17.85	17.83	0-1.5	0.0

H.2.7 NR Band n30 Antenna M1

Table H-172
NR Band n30 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth
NR Band n30
5 MHz Bandwidth

			Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	22.24	0	0.0
	1	13	22.28		0.0
	1	23	22.16		0.0
	12	0	21.73	0-1	1.0
	12	7	22.30	0	0.0
	12	13	21.79	0-1	1.0
	25	0	21.76		1.0
DFT-s-OFDM 16QAM	1	1	21.58	0-1	1.0
CP-OFDM QPSK	1	1	21.24	0-1.5	1.5

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Table H-173
NR Band n30 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	10.03	0	0.0
	1	13	10.07		0.0
	1	23	10.07		0.0
	12	0	10.10	0-1	0.0
	12	7	10.10	0	0.0
	12	13	10.09	0-1	0.0
	25	0	10.13		0.0
DFT-s-OFDM 16QAM	1	1	10.09	0-1	0.0
CP-OFDM QPSK	1	1	10.27	0-1.5	0.0

Table H-174
NR Band n30 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n30 5 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			462000 (2310 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	19.40	0	0.0
	1	13	19.50		0.0
	1	23	19.41		0.0
	12	0	19.44	0-1	0.0
	12	7	19.44	0	0.0
	12	13	19.49	0-1	0.0
	25	0	19.51		0.0
DFT-s-OFDM 16QAM	1	1	19.35	0-1	0.0
CP-OFDM QPSK	1	1	19.48	0-1.5	0.0

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H.2.8 NR Band n7 Antenna M1

Table H-175

NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.28	0	0.0
	1	80	23.29		0.0
	1	158	23.17		0.0
	80	0	22.76	0-1	0.0
	80	40	23.28	0	0.0
	80	80	22.68	0-1	0.0
	160	0	22.78		0.0
DFT-s-OFDM 16QAM	1	1	22.59	0-1	0.0
CP-OFDM QPSK	1	1	22.31	0-1.5	0.5

Table H-176

NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	23.20	0	0.0
	1	67	23.15		0.0
	1	131	23.05		0.0
	64	0	22.58	0-1	0.0
	64	35	23.15	0	0.0
	64	69	22.60	0-1	0.0
	128	0	22.65		0.0
DFT-s-OFDM 16QAM	1	1	22.52	0-1	0.0
CP-OFDM QPSK	1	1	22.22	0-1.5	0.5

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Table H-177
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.59	23.23	23.19	0	0.0
	1	53	23.55	23.18	23.29		0.0
	1	104	23.31	23.16	23.29		0.0
	50	0	23.19	22.70	22.73	0-1	0.0
	50	28	23.56	23.23	23.32	0	0.0
	50	56	23.02	22.65	22.85	0-1	0.0
	100	0	23.12	22.74	22.81		0.0
DFT-s-OFDM 16QAM	1	1	22.96	22.29	22.55	0-1	0.0
CP-OFDM QPSK	1	1	22.52	22.19	22.20	0-1.5	0.5

Table H-178
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.62	23.16	23.24	0	0.0
	1	40	23.47	23.17	23.27		0.0
	1	77	23.31	23.16	23.30		0.0
	36	0	23.15	22.70	22.73	0-1	0.0
	36	22	23.57	23.16	23.32	0	0.0
	36	43	22.98	22.65	22.85	0-1	0.0
	75	0	23.12	22.73	22.86		0.0
DFT-s-OFDM 16QAM	1	1	22.97	22.21	22.55	0-1	0.0
CP-OFDM QPSK	1	1	22.51	22.21	22.23	0-1.5	0.5

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Table H-179
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.59	23.21	23.20	0	0.0
	1	26	23.51	23.21	23.20		0.0
	1	50	23.41	23.18	23.20		0.0
	25	0	22.98	22.66	22.68	0-1	0.0
	25	14	23.58	23.20	23.24	0	0.0
	25	27	22.92	22.62	22.68	0-1	0.0
	50	0	22.94	22.70	22.73		0.0
DFT-s-OFDM 16QAM	1	1	22.87	22.28	22.47	0-1	0.0
CP-OFDM QPSK	1	1	22.47	22.12	22.16	0-1.5	0.5

Table H-180
NR Band n7 Antenna M1 Measured P_{Max} for ECI = 0 (Free) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	23.66	23.09	23.19	0	0.0
	1	13	23.59	23.07	23.18		0.0
	1	23	23.59	23.09	23.23		0.0
	12	0	23.15	22.65	22.69	0-1	0.0
	12	7	23.63	23.17	23.30	0	0.0
	12	13	23.13	22.60	22.75	0-1	0.0
	25	0	23.13	22.60	22.69		0.0
DFT-s-OFDM 16QAM	1	1	22.89	22.41	22.51	0-1	0.0
CP-OFDM QPSK	1	1	22.51	22.08	22.18	0-1.5	0.5

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Table H-181
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.86	0	0.0
	1	80	9.75		0.0
	1	158	9.70		0.0
	80	0	9.79	0-1	0.0
	80	40	9.85	0	0.0
	80	80	9.76	0-1	0.0
	160	0	9.79		0.0
DFT-s-OFDM 16QAM	1	1	10.15	0-1	0.0
CP-OFDM QPSK	1	1	9.95	0-1.5	0.0

Table H-182
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.82	0	0.0
	1	67	9.57		0.0
	1	131	9.74		0.0
	64	0	9.67	0-1	0.0
	64	35	9.70	0	0.0
	64	69	9.58	0-1	0.0
	128	0	9.61		0.0
DFT-s-OFDM 16QAM	1	1	10.15	0-1	0.0
CP-OFDM QPSK	1	1	9.91	0-1.5	0.0

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Table H-183
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.31	9.91	9.82	0	0.0
	1	53	10.18	9.81	9.90		0.0
	1	104	9.99	9.80	9.93		0.0
	50	0	10.27	9.80	9.92	0-1	0.0
	50	28	10.24	9.86	9.94	0	0.0
	50	56	10.15	9.79	10.02	0-1	0.0
	100	0	10.28	9.85	9.97		0.0
DFT-s-OFDM 16QAM	1	1	10.45	10.13	10.08	0-1	0.0
CP-OFDM QPSK	1	1	10.36	9.98	10.01	0-1.5	0.0

Table H-184
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.28	9.83	9.86	0	0.0
	1	40	10.15	9.77	9.88		0.0
	1	77	9.99	9.74	9.94		0.0
	36	0	10.23	9.90	9.93	0-1	0.0
	36	22	10.26	9.86	9.99	0	0.0
	36	43	10.13	9.84	10.07	0-1	0.0
	75	0	10.24	9.87	10.02		0.0
DFT-s-OFDM 16QAM	1	1	10.49	10.04	10.10	0-1	0.0
CP-OFDM QPSK	1	1	10.43	9.86	9.94	0-1.5	0.0

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Table H-185
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.23	9.80	9.80	0	0.0
	1	26	10.16	9.75	9.86		0.0
	1	50	10.09	9.72	9.86		0.0
	25	0	10.28	9.87	9.93	0-1	0.0
	25	14	10.19	9.77	9.90	0	0.0
	25	27	10.10	9.73	9.94	0-1	0.0
	50	0	10.21	9.83	9.87		0.0
DFT-s-OFDM 16QAM	1	1	10.46	10.01	10.01	0-1	0.0
CP-OFDM QPSK	1	1	10.40	9.76	9.81	0-1.5	0.0

Table H-186
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	10.33	9.76	9.84	0	0.0
	1	13	10.24	9.69	9.84		0.0
	1	23	10.23	9.74	9.90		0.0
	12	0	10.37	9.81	9.87	0-1	0.0
	12	7	10.37	9.78	9.94	0	0.0
	12	13	10.31	9.80	9.88	0-1	0.0
	25	0	10.33	9.71	9.93		0.0
DFT-s-OFDM 16QAM	1	1	10.49	9.98	10.06	0-1	0.0
CP-OFDM QPSK	1	1	10.40	9.88	9.88	0-1.5	0.0

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Table H-187
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 30 MHz Bandwidth

NR Band n7 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.90	0	0.0
	1	80	18.81		0.0
	1	158	18.75		0.0
	80	0	18.84	0-1	0.0
	80	40	18.84	0	0.0
	80	80	18.77	0-1	0.0
	160	0	18.87		0.0
DFT-s-OFDM 16QAM	1	1	19.21	0-1	0.0
CP-OFDM QPSK	1	1	18.96	0-1.5	0.0

Table H-188
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 25 MHz Bandwidth

NR Band n7 25 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			507000 (2535 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	18.86	0	0.0
	1	67	18.72		0.0
	1	131	18.73		0.0
	64	0	18.67	0-1	0.0
	64	35	18.71	0	0.0
	64	69	18.65	0-1	0.0
	128	0	18.70		0.0
DFT-s-OFDM 16QAM	1	1	19.18	0-1	0.0
CP-OFDM QPSK	1	1	18.89	0-1.5	0.0

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Table H-189
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 20 MHz Bandwidth

NR Band n7 20 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502000 (2510 MHz)	507000 (2535 MHz)	512000 (2560 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.38	18.97	18.90	0	0.0
	1	53	19.30	18.93	19.00		0.0
	1	104	19.07	18.89	19.04		0.0
	50	0	19.42	18.97	19.02	0-1	0.0
	50	28	19.33	18.97	19.03	0	0.0
	50	56	19.24	18.96	19.12	0-1	0.0
	100	0	19.38	18.90	19.09		0.0
DFT-s-OFDM 16QAM	1	1	19.71	19.27	19.27	0-1	0.0
CP-OFDM QPSK	1	1	19.36	19.06	18.96	0-1.5	0.0

Table H-190
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 15 MHz Bandwidth

NR Band n7 15 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501500 (2507.5 MHz)	507000 (2535 MHz)	512500 (2562.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.37	18.96	18.95	0	0.0
	1	40	19.24	18.87	18.98		0.0
	1	77	19.16	18.86	19.06		0.0
	36	0	19.35	19.00	19.02	0-1	0.0
	36	22	19.32	18.89	19.07	0	0.0
	36	43	19.25	18.95	19.09	0-1	0.0
	75	0	19.32	18.90	19.05		0.0
DFT-s-OFDM 16QAM	1	1	19.59	19.20	19.31	0-1	0.0
CP-OFDM QPSK	1	1	19.34	19.13	19.04	0-1.5	0.0

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Table H-191
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 10 MHz Bandwidth

NR Band n7 10 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501000 (2505 MHz)	507000 (2535 MHz)	513000 (2565 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.32	18.92	18.90	0	0.0
	1	26	19.26	18.87	18.98		0.0
	1	50	19.16	18.80	18.90		0.0
	25	0	19.31	18.91	18.94	0-1	0.0
	25	14	19.30	18.89	18.97	0	0.0
	25	27	19.20	18.82	18.96	0-1	0.0
	50	0	19.34	18.87	18.99		0.0
DFT-s-OFDM 16QAM	1	1	19.61	19.21	19.19	0-1	0.0
CP-OFDM QPSK	1	1	19.35	18.92	18.99	0-1.5	0.0

Table H-192
NR Band n7 Antenna M1 Measured P_{Limit} for ECI = 2 (Grip Sensor #3 Active) - 5 MHz Bandwidth

NR Band n7 5 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500500 (2502.5 MHz)	507000 (2535 MHz)	513500 (2567.5 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	19.40	18.84	18.88	0	0.0
	1	13	19.30	18.78	18.91		0.0
	1	23	19.26	18.84	18.96		0.0
	12	0	19.47	18.91	19.02	0-1	0.0
	12	7	19.42	18.88	19.01	0	0.0
	12	13	19.39	18.80	18.97	0-1	0.0
	25	0	19.44	18.88	18.98		0.0
DFT-s-OFDM 16QAM	1	1	19.62	19.07	19.11	0-1	0.0
CP-OFDM QPSK	1	1	19.40	18.89	19.12	0-1.5	0.0

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H.2.9 NR Band n41 Antenna M1

Table H-193
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.48	18.37	0	0.0
	1	123	18.86	18.69		0.0
	1	243	18.47	18.71		0.0
	120	0	18.65	18.64	0-1	0.0
	120	63	18.89	18.74	0	0.0
	120	125	18.77	18.75	0-1	0.0
	243	0	18.72	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.44	18.39	0-1	0.0
CP-OFDM QPSK	1	1	18.52	18.39	0-1.5	0.0

Table H-194
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.62	18.58	0	0.0
	1	109	18.87	18.77		0.0
	1	215	18.62	18.70		0.0
	108	0	18.67	18.71	0-1	0.0
	108	55	18.89	18.86	0	0.0
	108	109	18.79	18.75	0-1	0.0
	216	0	18.73	18.71		0.0
DFT-s-OFDM 16QAM	1	1	18.65	18.44	0-1	0.0
CP-OFDM OPSK	1	1	18.72	18.64	0-1.5	0.0

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Table H-195
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.64	18.59	0	0.0
	1	95	18.80	18.80		0.0
	1	187	18.78	18.81		0.0
	90	0	18.76	18.79	0-1	0.0
	90	50	18.97	18.88	0	0.0
	90	99	18.96	18.75	0-1	0.0
	180	0	18.82	18.81		0.0
DFT-s-OFDM 16QAM	1	1	18.55	18.67	0-1	0.0
CP-OFDM QPSK	1	1	18.68	18.65	0-1.5	0.0

Table H-196
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.75	18.67	18.74	0	0.0
	1	81	18.94	18.58	18.77		0.0
	1	160	18.77	18.65	18.74		0.0
	81	0	18.68	18.72	18.95	0-1	0.0
	81	41	18.99	18.73	18.94	0	0.0
	81	81	18.96	18.73	18.71	0-1	0.0
	162	0	18.89	18.78	18.80		0.0
DFT-s-OFDM 16QAM	1	1	18.69	18.80	18.74	0-1	0.0
CP-OFDM OPSK	1	1	18.67	18.73	18.73	0-1.5	0.0

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Table H-197
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	18.71	18.77	18.77	0	0.0
	1	67	18.86	18.61	18.74		0.0
	1	131	18.98	18.59	18.88		0.0
	64	0	18.80	18.67	18.92	0-1	0.0
	64	35	18.96	18.74	18.91	0	0.0
	64	69	18.99	18.79	18.84	0-1	0.0
	128	0	18.86	18.71	18.94		0.0
DFT-s-OFDM 16QAM	1	1	18.85	18.77	18.79	0-1	0.0
CP-OFDM QPSK	1	1	18.74	18.62	18.89	0-1.5	0.0

Table H-198
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	18.77	18.97	18.54	18.75	0	0.0
	1	53	18.88	18.83	18.58	18.77		0.0
	1	104	18.97	18.64	18.80	18.79		0.0
	50	0	18.80	18.98	18.69	18.85	0-1	0.0
	50	28	18.89	18.92	18.80	18.88	0	0.0
	50	56	18.98	18.79	18.83	18.77	0-1	0.0
	100	0	18.84	18.87	18.79	18.90		0.0
DFT-s-OFDM 16QAM	1	1	18.79	18.93	18.65	18.99	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.92	18.57	18.83	0-1.5	0.0

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Table H-199
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.74	18.99	18.67	18.75	18.83	0	0.0
	1	39	18.97	19.00	18.71	18.79	18.81		0.0
	1	76	18.84	18.74	18.63	18.82	18.87		0.0
	36	0	18.85	18.99	18.73	18.83	18.86	0-1	0.0
	36	21	18.95	18.98	18.70	18.89	18.84	0	0.0
	36	42	18.96	18.96	18.76	18.95	18.83	0-1	0.0
	75	0	18.89	18.98	18.70	18.89	18.90		0.0
DFT-s-OFDM 16QAM	1	1	18.70	18.94	18.57	18.71	18.85	0-1	0.0
CP-OFDM QPSK	1	1	18.75	18.95	18.84	18.67	18.93	0-1.5	0.0

Table H-200
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.80	18.82	18.81	18.72	18.71	0	0.0
	1	26	18.92	18.82	18.76	18.90	18.84		0.0
	1	49	18.88	18.85	18.63	18.78	18.88		0.0
	25	0	18.72	18.98	18.78	18.92	18.88	0-1	0.0
	25	13	18.81	18.86	18.81	18.98	18.87	0	0.0
	25	26	18.96	18.85	18.80	18.98	18.91	0-1	0.0
	50	0	18.89	18.97	18.84	18.95	18.88		0.0
DFT-s-OFDM 16QAM	1	1	18.83	18.96	18.69	18.81	18.86	0-1	0.0
CP-OFDM QPSK	1	1	18.79	18.97	18.65	18.72	18.84	0-1.5	0.0

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Table H-201
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.69	18.75	18.52	18.58	18.76	0	0.0
	1	19	18.81	18.70	18.67	18.74	18.81		0.0
	1	36	18.78	18.85	18.64	18.58	18.89		0.0
	18	0	18.60	18.91	18.69	18.77	18.85	0-1	0.0
	18	10	18.73	18.79	18.72	18.78	18.86	0	0.0
	18	20	18.83	18.85	18.71	18.76	18.72	0-1	0.0
	36	0	18.72	18.93	18.73	18.79	18.69		0.0
DFT-s-OFDM 16QAM	1	1	18.63	18.89	18.58	18.63	18.84	0-1	0.0
CP-OFDM QPSK	1	1	18.65	18.75	18.57	18.50	18.83	0-1.5	0.0

Table H-202
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	18.64	18.77	18.56	18.46	18.73	0	0.0
	1	12	18.78	18.66	18.66	18.67	18.82		0.0
	1	22	18.76	18.83	18.69	18.49	18.92		0.0
	12	0	18.62	18.89	18.65	18.69	18.87	0-1	0.0
	12	6	18.71	18.73	18.74	18.68	18.83	0	0.0
	12	12	18.85	18.80	18.70	18.67	18.76	0-1	0.0
	24	0	18.72	18.85	18.74	18.69	18.73		0.0
DFT-s-OFDM 16QAM	1	1	18.60	18.83	18.60	18.60	18.87	0-1	0.0
CP-OFDM QPSK	1	1	18.61	18.76	18.62	18.46	18.84	0-1.5	0.0

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Table H-203
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	508200 (2541 MHz)	528996 (2644.98 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	11.49	11.01	0	0.0
	1	123	11.07	11.63		0.0
	1	243	10.95	11.31		0.0
	120	0	11.22	11.41	0-1	0.0
	120	63	11.20	11.57	0	0.0
	120	125	11.04	11.46	0-1	0.0
	243	0	11.16	11.44		0.0
DFT-s-OFDM 16QAM	1	1	11.28	10.82	0-1	0.0
CP-OFDM QPSK	1	1	11.53	11.07	0-1.5	0.0

Table H-204
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	507204 (2536.02 MHz)	529998 (2649.99 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	11.54	11.18	0	0.0
	1	109	11.14	11.58		0.0
	1	215	10.94	11.37		0.0
	108	0	11.28	11.45	0-1	0.0
	108	55	11.23	11.56	0	0.0
	108	109	11.07	11.41	0-1	0.0
	216	0	11.21	11.47		0.0
DFT-s-OFDM 16QAM	1	1	11.32	10.93	0-1	0.0
CP-OFDM QPSK	1	1	11.54	11.19	0-1.5	0.0

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Table H-205
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	506202 (2531.01 MHz)	531000 (2655 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	11.51	11.29	0	0.0
	1	95	11.21	11.52		0.0
	1	187	11.04	11.29		0.0
	90	0	11.38	11.60	0-1	0.0
	90	50	11.24	11.59	0	0.0
	90	99	11.09	11.45	0-1	0.0
	180	0	11.26	11.55		0.0
DFT-s-OFDM 16QAM	1	1	11.32	11.12	0-1	0.0
CP-OFDM QPSK	1	1	11.56	11.38	0-1.5	0.0

Table H-206
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.43	10.97	11.39	0	0.0
	1	81	11.27	11.04	11.48		0.0
	1	160	10.95	11.24	11.20		0.0
	81	0	11.22	11.01	11.54	0-1	0.0
	81	41	11.30	11.14	11.53	0	0.0
	81	81	11.09	11.24	11.27	0-1	0.0
	162	0	11.16	11.11	11.43		0.0
DFT-s-OFDM 16QAM	1	1	11.17	10.70	11.19	0-1	0.0
CP-OFDM QPSK	1	1	11.50	10.99	11.42	0-1.5	0.0

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Table H-207
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth							
			Channel			MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)		
			Conducted Power [dBm]				
DFT-s-OFDM QPSK	1	1	11.49	10.97	11.51	0	0.0
	1	67	11.34	11.09	11.42		0.0
	1	131	11.02	11.24	11.26		0.0
	64	0	11.32	11.05	11.52	0-1	0.0
	64	35	11.33	11.17	11.48	0	0.0
	64	69	11.22	11.20	11.30	0-1	0.0
	128	0	11.36	11.16	11.44		0.0
DFT-s-OFDM 16QAM	1	1	11.21	10.80	11.30	0-1	0.0
CP-OFDM QPSK	1	1	11.64	11.01	11.57	0-1.5	0.0

Table H-208
NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	11.51	11.00	11.13	11.55	0	0.0
	1	53	11.34	11.04	11.40	11.45		0.0
	1	104	11.14	10.99	11.59	11.28		0.0
	50	0	11.36	11.07	11.26	11.55	0-1	0.0
	50	28	11.39	11.10	11.42	11.47	0	0.0
	50	56	11.29	11.09	11.50	11.30	0-1	0.0
	100	0	11.36	11.10	11.37	11.46		0.0
DFT-s-OFDM 16QAM	1	1	11.27	10.72	10.90	11.36	0-1	0.0
CP-OFDM QPSK	1	1	11.56	11.06	11.14	11.67	0-1.5	0.0

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Table H-209

NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.55	11.11	11.10	11.38	11.41	0	0.0
	1	39	11.49	11.14	11.16	11.61	11.39		0.0
	1	76	11.29	11.10	11.29	11.56	11.34		0.0
	36	0	11.51	11.19	11.11	11.55	11.45	0-1	0.0
	36	21	11.52	11.22	11.17	11.67	11.43	0	0.0
	36	42	11.44	11.20	11.24	11.65	11.36	0-1	0.0
	75	0	11.49	11.18	11.16	11.59	11.43		0.0
DFT-s-OFDM 16QAM	1	1	11.29	10.85	10.82	11.15	11.25	0-1	0.0
CP-OFDM QPSK	1	1	11.65	11.19	11.06	11.40	11.52	0-1.5	0.0

Table H-210

NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.63	11.15	11.12	11.55	11.48	0	0.0
	1	26	11.51	11.09	11.10	11.63	11.36		0.0
	1	49	11.38	11.18	11.15	11.72	11.39		0.0
	25	0	11.51	11.10	11.12	11.65	11.46	0-1	0.0
	25	13	11.57	11.16	11.17	11.72	11.42	0	0.0
	25	26	11.57	11.14	11.27	11.69	11.35	0-1	0.0
	50	0	11.58	11.18	11.18	11.68	11.46		0.0
DFT-s-OFDM 16QAM	1	1	11.32	10.89	10.90	11.30	11.23	0-1	0.0
CP-OFDM QPSK	1	1	11.63	11.18	11.11	11.69	11.51	0-1.5	0.0

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NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.67	11.36	11.53	11.47	11.36	0	0.0
	1	19	11.53	11.21	11.32	11.56	11.27		0.0
	1	36	11.40	11.29	11.36	11.65	11.28		0.0
	18	0	11.53	11.23	11.32	11.59	11.36	0-1	0.0
	18	10	11.56	11.27	11.37	11.67	11.32	0	0.0
	18	20	11.58	11.25	11.46	11.61	11.25	0-1	0.0
	36	0	11.57	11.27	11.38	11.60	11.37		0.0
DFT-s-OFDM 16QAM	1	1	11.36	11.01	11.11	11.24	11.14	0-1	0.0
CP-OFDM QPSK	1	1	11.60	11.30	11.23	11.62	11.40	0-1.5	0.0

Table H-212

NR Band n41 Antenna M1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth									
			Channel					MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)		
			Conducted Power [dBm]						
DFT-s-OFDM QPSK	1	1	11.59	11.46	11.50	11.46	11.48	0	0.0
	1	12	11.48	11.31	11.46	11.58	11.33		0.0
	1	22	11.37	11.39	11.42	11.60	11.35		0.0
	12	0	11.46	11.33	11.43	11.57	11.42	0-1	0.0
	12	6	11.59	11.30	11.48	11.66	11.38	0	0.0
	12	12	11.52	11.31	11.53	11.63	11.35	0-1	0.0
	24	0	11.51	11.36	11.47	11.55	11.44		0.0
DFT-s-OFDM 16QAM	1	1	11.28	11.11	11.19	11.23	11.23	0-1	0.0
CP-OFDM QPSK	1	1	11.52	11.31	11.29	11.55	11.49	0-1.5	0.0

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H.2.10 NR Band n41 SRS Antennas S2, S4, & S1

Table H-213

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	16.40	16.47
SRS #3 Ant S4	17.38	17.41
SRS #4 Ant S1	14.54	14.39

Table H-214

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	16.34	16.21
SRS #3 Ant S4	17.44	17.42
SRS #4 Ant S1	14.30	14.16

Table H-215

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	16.26	16.30
SRS #3 Ant S4	17.58	17.32
SRS #4 Ant S1	14.18	13.88

Table H-216

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
Channel			
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	16.29	15.85	15.69
SRS #3 Ant S4	17.74	17.19	17.39
SRS #4 Ant S1	13.95	13.94	13.28

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NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
Channel			
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	16.40	16.10	15.87
SRS #3 Ant S4	17.81	17.27	17.45
SRS #4 Ant S1	13.82	13.78	13.51

Table H-218

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
Channel				
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	16.34	16.86	16.64	16.20
SRS #3 Ant S4	17.95	17.27	17.22	17.52
SRS #4 Ant S1	13.57	14.91	14.45	13.70

Table H-219

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
Channel					
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.42	16.52	15.74	16.50	15.92
SRS #3 Ant S4	18.05	17.29	17.18	17.26	17.53
SRS #4 Ant S1	13.45	14.90	13.87	14.75	13.91

Table H-220

NR Band n41 Antennas S2, S4, & S1 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
Channel					
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.49	16.49	15.88	16.78	16.59
SRS #3 Ant S4	18.22	17.34	17.22	17.40	17.65
SRS #4 Ant S1	13.40	14.85	14.00	14.68	14.10

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Table H-221

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.64	16.70	15.92	16.68	16.79
SRS #3 Ant S4	18.38	17.58	17.43	17.54	17.71
SRS #4 Ant S1	13.41	14.87	14.02	14.61	14.01

Table H-222

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	16.60	16.65	15.90	16.71	16.51
SRS #3 Ant S4	18.36	17.60	17.36	17.63	17.67
SRS #4 Ant S1	13.30	14.75	13.75	14.52	14.10

Table H-223

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n41 90 MHz Bandwidth		
Channel		
Antenna	508200 (2541 MHz)	528996 (2644.98 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	11.17	11.02
SRS #3 Ant S4	11.18	11.24
SRS #4 Ant S1	11.19	10.95

Table H-224

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n41 80 MHz Bandwidth		
Channel		
Antenna	507204 (2536.02 MHz)	529998 (2649.99 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	11.30	11.02
SRS #3 Ant S4	11.31	11.20
SRS #4 Ant S1	11.38	10.94

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Table H-225

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n41 70 MHz Bandwidth		
Channel		
Antenna	506202 (2531.01 MHz)	531000 (2655 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	11.33	11.02
SRS #3 Ant S4	11.40	11.21
SRS #4 Ant S1	11.36	10.92

Table H-226

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n41 60 MHz Bandwidth			
Channel			
Antenna	505200 (2526 MHz)	518598 (2592.99 MHz)	531996 (2659.98 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	11.42	10.89	10.95
SRS #3 Ant S4	11.43	10.80	11.13
SRS #4 Ant S1	11.33	11.06	10.82

Table H-227

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n41 50 MHz Bandwidth			
Channel			
Antenna	504204 (2521.02 MHz)	518598 (2592.99 MHz)	532998 (2664.99 MHz)
	Conducted Power [dBm]		
SRS #2 Ant S2	11.48	10.88	10.88
SRS #3 Ant S4	11.54	10.76	11.10
SRS #4 Ant S1	11.40	11.02	10.76

Table H-228

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n41 40 MHz Bandwidth				
Channel				
Antenna	503202 (2516.01 MHz)	513468 (2567.34 MHz)	523734 (2618.67 MHz)	534000 (2670 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	11.57	11.17	10.95	10.92
SRS #3 Ant S4	11.64	11.09	10.96	11.14
SRS #4 Ant S1	11.50	11.22	10.99	10.72

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Table H-229

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n41 30 MHz Bandwidth					
Channel					
Antenna	502200 (2511 MHz)	510402 (2552.01 MHz)	518598 (2592.99 MHz)	526800 (2634 MHz)	534996 (2674.98 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	11.59	11.33	10.99	11.13	10.86
SRS #3 Ant S4	11.72	11.16	10.77	11.11	11.09
SRS #4 Ant S1	11.50	11.32	11.04	11.02	10.71

Table H-230

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n41 20 MHz Bandwidth					
Channel					
Antenna	501204 (2506.02 MHz)	509898 (2549.49 MHz)	518598 (2592.99 MHz)	527298 (2636.49 MHz)	535998 (2679.99 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	11.74	11.29	10.90	11.07	10.89
SRS #3 Ant S4	11.89	11.17	10.86	11.17	11.13
SRS #4 Ant S1	11.49	11.30	11.12	11.07	10.68

Table H-231

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n41 15 MHz Bandwidth					
Channel					
Antenna	500700 (2503.5 MHz)	509652 (2548.26 MHz)	518598 (2592.99 MHz)	527550 (2637.75 MHz)	536496 (2682.48 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	10.55	10.68	11.39	11.38	11.40
SRS #3 Ant S4	11.72	11.05	10.97	11.09	11.24
SRS #4 Ant S1	11.07	10.85	11.09	11.06	11.41

Table H-232

NR Band n41 Antennas S2, S4, & S1 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n41 10 MHz Bandwidth					
Channel					
Antenna	500202 (2501.01 MHz)	509400 (2547 MHz)	518598 (2592.99 MHz)	527802 (2639.01 MHz)	537000 (2685 MHz)
	Conducted Power [dBm]				
SRS #2 Ant S2	10.56	10.65	11.20	11.13	11.48
SRS #3 Ant S4	11.71	10.80	10.59	10.78	10.89
SRS #4 Ant S1	11.12	10.79	11.07	11.03	11.44

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H.2.11 NR Band n48 Antenna S4

Table H-233
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.31	17.82	17.77	17.11	0	0.0
	1	39	17.23	17.93	17.40	17.11		0.0
	1	76	17.19	17.83	17.18	17.23		0.0
	36	0	17.36	17.94	17.62	17.21	0-1	0.0
	36	21	17.34	17.88	17.46	17.23	0	0.0
	36	42	17.21	17.96	17.37	17.18	0-1	0.0
	75	0	17.25	17.87	17.48	17.24		0.0
DFT-s-OFDM 16QAM	1	1	17.25	17.92	17.70	17.24	0-1	0.0
CP-OFDM QPSK	1	1	17.27	17.81	17.65	17.19	0-1.5	0.0

Table H-234
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	17.50	17.77	17.65	17.36	0	0.0
	1	26	17.53	17.71	17.32	17.40		0.0
	1	49	17.48	17.51	17.42	17.12		0.0
	25	0	17.61	17.77	17.50	17.46	0-1	0.0
	25	13	17.67	17.77	17.48	17.44	0	0.0
	25	26	17.55	17.76	17.44	17.33	0-1	0.0
	50	0	17.66	17.75	17.52	17.36		0.0
DFT-s-OFDM 16QAM	1	1	17.65	17.77	17.62	17.33	0-1	0.0
CP-OFDM QPSK	1	1	17.75	17.75	17.60	17.38	0-1.5	0.0

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Table H-235
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	17.16	17.53	17.67	17.79	0	0.0
	1	19	17.40	17.63	17.78	17.74		0.0
	1	36	17.43	17.69	17.65	17.61		0.0
	18	0	17.35	17.56	17.76	17.73	0-1	0.0
	18	10	17.39	17.63	17.82	17.72	0	0.0
	18	20	17.45	17.65	17.75	17.70	0-1	0.0
	36	0	17.38	17.54	17.77	17.72		0.0
DFT-s-OFDM 16QAM	1	1	17.02	17.29	17.39	17.49	0-1	0.0
CP-OFDM QPSK	1	1	17.12	17.60	17.67	17.64	0-1.5	0.0

Table H-236
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
Conducted Power [dBm]								
DFT-s-OFDM QPSK	1	1	17.68	17.34	17.36	17.12	0	0.0
	1	12	17.46	17.46	17.39	17.02		0.0
	1	22	17.53	17.55	17.40	17.14		0.0
	12	0	17.69	17.45	17.33	17.11	0-1	0.0
	12	6	17.63	17.48	17.35	17.08	0	0.0
	12	12	17.60	17.49	17.32	17.10	0-1	0.0
	24	0	17.61	17.48	17.33	17.01		0.0
DFT-s-OFDM 16QAM	1	1	17.69	17.43	17.22	16.83	0-1	0.0
CP-OFDM QPSK	1	1	17.64	17.33	17.52	17.21	0-1.5	0.0

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Table H-237
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	9.91	10.53	10.62	10.21	0	0.0
	1	39	9.84	10.57	10.55	10.29		0.0
	1	76	9.89	10.49	10.49	10.39		0.0
	36	0	9.96	10.58	10.66	10.37	0-1	0.0
	36	21	9.94	10.65	10.67	10.33	0	0.0
	36	42	9.93	10.62	10.67	10.38	0-1	0.0
	75	0	9.98	10.59	10.66	10.35		0.0
DFT-s-OFDM 16QAM	1	1	9.61	10.23	10.33	10.12	0-1	0.0
CP-OFDM QPSK	1	1	9.91	10.51	10.63	10.32	0-1.5	0.0

Table H-238
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	10.10	10.30	10.54	10.55	0	0.0
	1	26	10.11	10.46	10.62	10.44		0.0
	1	49	10.21	10.43	10.53	10.34		0.0
	25	0	10.24	10.30	10.60	10.69	0-1	0.0
	25	13	10.23	10.45	10.60	10.64	0	0.0
	25	26	10.23	10.38	10.57	10.55	0-1	0.0
	50	0	10.24	10.38	10.68	10.64		0.0
DFT-s-OFDM 16QAM	1	1	9.88	10.25	10.32	10.36	0-1	0.0
CP-OFDM QPSK	1	1	10.23	10.41	10.51	10.65	0-1.5	0.0

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Table H-239
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	10.01	10.12	10.52	10.53	0	0.0
	1	19	10.16	10.14	10.61	10.54		0.0
	1	36	10.18	10.20	10.60	10.40		0.0
	18	0	10.06	10.08	10.62	10.52	0-1	0.0
	18	10	10.12	10.22	10.68	10.60	0	0.0
	18	20	10.21	10.24	10.58	10.50	0-1	0.0
	36	0	10.14	10.19	10.60	10.58		0.0
DFT-s-OFDM 16QAM	1	1	9.75	9.81	10.28	10.34	0-1	0.0
CP-OFDM QPSK	1	1	10.04	10.03	10.48	10.62	0-1.5	0.0

Table H-240
NR Band n48 Antenna S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth								
			Channel				MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)		
			Conducted Power [dBm]					
DFT-s-OFDM QPSK	1	1	10.29	10.06	10.50	10.17	0	0.0
	1	12	10.22	10.29	10.69	10.35		0.0
	1	22	10.22	10.27	10.69	10.38		0.0
	12	0	10.36	10.23	10.70	10.33	0-1	0.0
	12	6	10.40	10.31	10.73	10.34	0	0.0
	12	12	10.31	10.30	10.68	10.25	0-1	0.0
	24	0	10.34	10.26	10.62	10.29		0.0
DFT-s-OFDM 16QAM	1	1	9.99	9.89	10.31	10.13	0-1	0.0
CP-OFDM QPSK	1	1	10.34	10.26	10.61	10.60	0-1.5	0.0

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H.2.12 NR Band n48 SRS Antennas S2, M2, & S3

Table H-241

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.47	13.46	13.98	13.59
SRS #3 Ant M2	13.30	13.65	14.16	14.30
SRS #4 Ant S3	16.01	16.83	17.02	16.62

Table H-242

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.35	13.27	13.87	13.59
SRS #3 Ant M2	13.31	13.64	14.29	14.33
SRS #4 Ant S3	16.13	16.92	17.18	16.78

Table H-243

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.33	13.29	13.91	13.51
SRS #3 Ant M2	13.24	13.65	14.27	14.35
SRS #4 Ant S3	15.90	16.28	16.81	16.63

Table H-244

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	12.20	13.26	13.89	13.52
SRS #3 Ant M2	13.19	13.62	14.25	14.22
SRS #4 Ant S3	16.22	16.26	16.78	16.53

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Table H-245

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n48 30 MHz Bandwidth				
Channel				
Antenna	637668 (3565.02 MHz)	640334 (3605.01 MHz)	643000 (3645 MHz)	645666 (3684.99 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.98	10.03	10.43	9.93
SRS #3 Ant M2	6.79	7.14	7.60	7.73
SRS #4 Ant S3	9.43	10.33	10.45	10.11

Table H-246

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n48 20 MHz Bandwidth				
Channel				
Antenna	637334 (3560.01 MHz)	640222 (3603.33 MHz)	643112 (3646.68 MHz)	646000 (3690 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.89	9.92	10.31	9.90
SRS #3 Ant M2	6.77	7.11	7.73	7.78
SRS #4 Ant S3	9.70	10.11	10.38	10.43

Table H-247

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n48 15 MHz Bandwidth				
Channel				
Antenna	637168 (3557.52 MHz)	640166 (3602.49 MHz)	643166 (3647.49 MHz)	646166 (3692.49 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.80	9.94	10.37	9.76
SRS #3 Ant M2	6.72	7.12	7.73	7.78
SRS #4 Ant S3	9.45	9.90	10.41	10.26

Table H-248

NR Band n48 Antennas S2, M2, & S3 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n48 10 MHz Bandwidth				
Channel				
Antenna	637000 (3555 MHz)	640112 (3601.68 MHz)	643222 (3648.33 MHz)	646332 (3694.98 MHz)
	Conducted Power [dBm]			
SRS #2 Ant S2	8.75	9.87	10.33	9.80
SRS #3 Ant M2	6.68	7.07	7.74	7.68
SRS #4 Ant S3	9.84	9.78	10.32	9.98

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H.2.13 NR Band n77 Antenna M2

Table H-249
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.20	17.49	0	0.0
	1	123	18.92	17.59		0.0
	1	243	18.57	17.61		0.0
	120	0	18.55	17.53	0-1	0.0
	120	63	18.73	17.67	0	0.0
	120	125	18.61	17.73	0-1	0.0
	243	0	18.62	17.67		0.0
DFT-s-OFDM 16QAM	1	1	18.30	17.54	0-1	0.0
CP-OFDM QPSK	1	1	18.24	17.62	0-1.5	0.0

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Table H-250
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.35	17.60	0	0.0
	1	109	19.00	17.69		0.0
	1	215	18.50	17.81		0.0
	108	0	18.60	17.60	0-1	0.0
	108	55	18.81	17.69	0	0.0
	108	109	18.67	17.73	0-1	0.0
	216	0	18.70	17.68		0.0
DFT-s-OFDM 16QAM	1	1	18.27	17.68	0-1	0.0
CP-OFDM QPSK	1	1	18.37	17.58	0-1.5	0.0

Table H-251
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.47	17.48	0	0.0
	1	95	18.83	17.78		0.0
	1	187	18.58	17.82		0.0
	90	0	18.65	17.62	0-1	0.0
	90	50	18.86	17.67	0	0.0
	90	99	18.75	17.80	0-1	0.0
	180	0	18.80	17.74		0.0
DFT-s-OFDM 16QAM	1	1	18.25	17.48	0-1	0.0
CP-OFDM OPSK	1	1	18.42	17.50	0-1.5	0.0

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Table H-252
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.57	17.45	0	0.0
	1	81	18.98	17.83		0.0
	1	160	18.63	17.82		0.0
	81	0	18.78	17.59	0-1	0.0
	81	41	18.88	17.78	0	0.0
	81	81	18.73	17.49	0-1	0.0
	162	0	18.78	17.58		0.0
DFT-s-OFDM 16QAM	1	1	18.26	17.35	0-1	0.0
CP-OFDM QPSK	1	1	18.55	17.25	0-1.5	0.0

Table H-253
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.55	17.59	0	0.0
	1	67	18.94	17.90		0.0
	1	131	18.84	17.94		0.0
	64	0	18.80	17.72	0-1	0.0
	64	35	18.90	17.86	0	0.0
	64	69	18.83	17.88	0-1	0.0
	128	0	18.90	17.87		0.0
DFT-s-OFDM 16QAM	1	1	18.29	17.63	0-1	0.0
CP-OFDM QPSK	1	1	18.55	17.57	0-1.5	0.0

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Table H-254
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.48	17.72	0	0.0
	1	53	18.88	17.86		0.0
	1	104	18.93	17.96		0.0
	50	0	18.90	17.75	0-1	0.0
	50	28	18.99	17.89	0	0.0
	50	56	18.90	17.90	0-1	0.0
	100	0	18.88	17.85		0.0
DFT-s-OFDM 16QAM	1	1	18.27	17.66	0-1	0.0
CP-OFDM QPSK	1	1	18.52	17.73	0-1.5	0.0

Table H-255
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.67	17.61	0	0.0
	1	39	18.93	17.79		0.0
	1	76	18.95	18.11		0.0
	36	0	18.93	17.83	0-1	0.0
	36	21	18.90	17.94	0	0.0
	36	42	18.92	17.92	0-1	0.0
	75	0	18.94	17.88		0.0
DFT-s-OFDM 16QAM	1	1	18.28	17.51	0-1	0.0
CP-OFDM QPSK	1	1	18.43	17.75	0-1.5	0.0

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Table H-256
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.53	17.86	0	0.0
	1	26	18.78	18.00		0.0
	1	49	18.53	17.93		0.0
	25	0	18.55	17.87	0-1	0.0
	25	13	18.60	17.96	0	0.0
	25	26	18.63	17.93	0-1	0.0
	50	0	18.62	17.89		0.0
DFT-s-OFDM 16QAM	1	1	18.28	17.67	0-1	0.0
CP-OFDM QPSK	1	1	18.41	17.70	0-1.5	0.0

Table H-257
NR Band n77 Antenna M2 Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.40	17.79	0	0.0
	1	19	18.66	17.79		0.0
	1	36	18.37	17.94		0.0
	18	0	18.37	17.88	0-1	0.0
	18	10	18.43	17.80	0	0.0
	18	20	18.46	17.76	0-1	0.0
	36	0	18.42	17.82		0.0
DFT-s-OFDM 16QAM	1	1	18.24	17.77	0-1	0.0
CP-OFDM QPSK	1	1	18.30	17.68	0-1.5	0.0

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Table H-258
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	18.19	17.64	0	0.0
	1	12	18.48	17.57		0.0
	1	22	18.19	17.54		0.0
	12	0	18.32	17.65	0-1	0.0
	12	6	18.35	17.61	0	0.0
	12	12	18.31	17.60	0-1	0.0
	24	0	18.24	17.56		0.0
DFT-s-OFDM 16QAM	1	1	18.08	17.25	0-1	0.0
CP-OFDM QPSK	1	1	18.09	17.54	0-1.5	0.0

Table H-259
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.27	8.44	0	0.0
	1	123	9.87	8.62		0.0
	1	243	9.48	8.69		0.0
	120	0	9.66	8.41	0-1	0.0
	120	63	9.75	8.61	0	0.0
	120	125	9.68	8.67	0-1	0.0
	243	0	9.72	8.58		0.0
DFT-s-OFDM 16QAM	1	1	9.24	8.39	0-1	0.0
CP-OFDM QPSK	1	1	9.42	8.27	0-1.5	0.0

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Table H-260
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.25	8.26	0	0.0
	1	109	9.82	8.54		0.0
	1	215	9.47	8.50		0.0
	108	0	9.63	8.35	0-1	0.0
	108	55	9.82	8.52	0	0.0
	108	109	9.72	8.54	0-1	0.0
	216	0	9.66	8.44		0.0
DFT-s-OFDM 16QAM	1	1	8.87	8.02	0-1	0.0
CP-OFDM QPSK	1	1	9.58	8.25	0-1.5	0.0

Table H-261
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.21	8.19	0	0.0
	1	95	9.83	8.52		0.0
	1	187	9.55	8.56		0.0
	90	0	9.62	8.37	0-1	0.0
	90	50	9.83	8.53	0	0.0
	90	99	9.79	8.55	0-1	0.0
	180	0	9.63	8.44		0.0
DFT-s-OFDM 16QAM	1	1	9.10	8.07	0-1	0.0
CP-OFDM QPSK	1	1	9.37	8.08	0-1.5	0.0

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Table H-262
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.38	8.22	0	0.0
	1	81	9.89	8.64		0.0
	1	160	9.73	8.51		0.0
	81	0	9.65	8.56	0-1	0.0
	81	41	9.91	8.61	0	0.0
	81	81	9.81	8.61	0-1	0.0
	162	0	9.82	8.53		0.0
DFT-s-OFDM 16QAM	1	1	9.27	8.13	0-1	0.0
CP-OFDM QPSK	1	1	9.47	8.38	0-1.5	0.0

Table H-263
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth						
Modulation	RB Size	RB Offset	Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
			650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.50	8.49	0	0.0
	1	67	9.87	8.63		0.0
	1	131	9.68	8.72		0.0
	64	0	9.75	8.47	0-1	0.0
	64	35	9.88	8.66	0	0.0
	64	69	9.83	8.61	0-1	0.0
	128	0	9.78	8.59		0.0
DFT-s-OFDM 16QAM	1	1	9.22	8.07	0-1	0.0
CP-OFDM QPSK	1	1	9.64	8.29	0-1.5	0.0

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Table H-264
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.56	8.49	0	0.0
	1	53	9.92	8.59		0.0
	1	104	9.83	8.60		0.0
	50	0	9.73	8.45	0-1	0.0
	50	28	9.78	8.58	0	0.0
	50	56	9.72	8.57	0-1	0.0
	100	0	9.80	8.54		0.0
DFT-s-OFDM 16QAM	1	1	9.23	8.28	0-1	0.0
CP-OFDM QPSK	1	1	9.47	8.40	0-1.5	0.0

Table H-265
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.38	8.49	0	0.0
	1	39	9.76	8.53		0.0
	1	76	9.93	8.51		0.0
	36	0	9.68	8.48	0-1	0.0
	36	21	9.78	8.62	0	0.0
	36	42	9.79	8.61	0-1	0.0
	75	0	9.74	8.59		0.0
DFT-s-OFDM 16QAM	1	1	8.98	8.03	0-1	0.0
CP-OFDM QPSK	1	1	9.45	8.58	0-1.5	0.0

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Table H-266
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.49	8.69	0	0.0
	1	26	9.80	8.80		0.0
	1	49	9.77	8.72		0.0
	25	0	9.78	8.70	0-1	0.0
	25	13	9.79	8.79	0	0.0
	25	26	9.77	8.73	0-1	0.0
	50	0	9.78	8.75		0.0
DFT-s-OFDM 16QAM	1	1	9.19	8.41	0-1	0.0
CP-OFDM QPSK	1	1	9.62	9.05	0-1.5	0.0

Table H-267
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.42	8.65	0	0.0
	1	19	9.64	8.72		0.0
	1	36	9.59	8.57		0.0
	18	0	9.52	8.69	0-1	0.0
	18	10	9.53	8.71	0	0.0
	18	20	9.49	8.65	0-1	0.0
	36	0	9.54	8.72		0.0
DFT-s-OFDM 16QAM	1	1	9.24	8.37	0-1	0.0
CP-OFDM QPSK	1	1	9.61	8.49	0-1.5	0.0

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Table H-268
NR Band n77 Antenna M2 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth						
			Channel		MPR Allowed per 3GPP [dB]	MPR [dB]
Modulation	RB Size	RB Offset	650000 (3750 MHz)	662000 (3930 MHz)		
			Conducted Power [dBm]			
DFT-s-OFDM QPSK	1	1	9.03	8.69	0	0.0
	1	12	9.48	8.50		0.0
	1	22	9.22	8.59		0.0
	12	0	9.17	8.68	0-1	0.0
	12	6	9.34	8.71	0	0.0
	12	12	9.26	8.65	0-1	0.0
	24	0	9.20	8.58		0.0
DFT-s-OFDM 16QAM	1	1	8.73	8.14	0-1	0.0
CP-OFDM QPSK	1	1	9.15	8.51	0-1.5	0.0

Table H-269
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.43	0	0.0
	1	123	17.72		0.0
	1	243	17.65		0.0
	120	0	17.64	0-1	0.0
	120	63	17.69	0	0.0
	120	125	17.69	0-1	0.0
	243	0	17.67		0.0
DFT-s-OFDM 16QAM	1	1	17.15	0-1	0.0
CP-OFDM QPSK	1	1	17.47	0-1.5	0.0

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Table H-270
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.57	0	0.0
	1	109	17.73		0.0
	1	215	17.66		0.0
	108	0	17.65	0-1	0.0
	108	55	17.72	0	0.0
	108	109	17.69	0-1	0.0
	216	0	17.63		0.0
DFT-s-OFDM 16QAM	1	1	17.19	0-1	0.0
CP-OFDM QPSK	1	1	17.52	0-1.5	0.0

Table H-271
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.52	0	0.0
	1	95	17.69		0.0
	1	187	17.64		0.0
	90	0	17.71	0-1	0.0
	90	50	17.76	0	0.0
	90	99	17.72	0-1	0.0
	180	0	17.69		0.0
DFT-s-OFDM 16QAM	1	1	17.28	0-1	0.0
CP-OFDM QPSK	1	1	17.53	0-1.5	0.0

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Table H-272
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.50	0	0.0
	1	81	17.78		0.0
	1	160	17.60		0.0
	81	0	17.65	0-1	0.0
	81	41	17.75	0	0.0
	81	81	17.66	0-1	0.0
	162	0	17.69		0.0
DFT-s-OFDM 16QAM	1	1	17.25	0-1	0.0
CP-OFDM QPSK	1	1	17.55	0-1.5	0.0

Table H-273
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.58	0	0.0
	1	67	17.72		0.0
	1	131	17.62		0.0
	64	0	17.70	0-1	0.0
	64	35	17.79	0	0.0
	64	69	17.74	0-1	0.0
	128	0	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.46	0-1	0.0
CP-OFDM QPSK	1	1	17.67	0-1.5	0.0

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Table H-274
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.68	0	0.0
	1	53	17.80		0.0
	1	104	17.78		0.0
	50	0	17.73	0-1	0.0
	50	28	17.70	0	0.0
	50	56	17.70	0-1	0.0
	100	0	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.37	0-1	0.0
CP-OFDM QPSK	1	1	17.65	0-1.5	0.0

Table H-275
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.65	0	0.0
	1	39	17.65		0.0
	1	76	17.75		0.0
	36	0	17.75	0-1	0.0
	36	21	17.79	0	0.0
	36	42	17.73	0-1	0.0
	75	0	17.75		0.0
DFT-s-OFDM 16QAM	1	1	17.45	0-1	0.0
CP-OFDM QPSK	1	1	17.65	0-1.5	0.0

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Table H-276
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.86	0	0.0
	1	26	17.83		0.0
	1	49	17.81		0.0
	25	0	17.93	0-1	0.0
	25	13	17.95	0	0.0
	25	26	18.00	0-1	0.0
	50	0	17.90		0.0
DFT-s-OFDM 16QAM	1	1	17.62	0-1	0.0
CP-OFDM QPSK	1	1	17.79	0-1.5	0.0

Table H-277
NR Band n77 Antenna M2 DoD Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.81	0	0.0
	1	19	17.91		0.0
	1	36	17.90		0.0
	18	0	17.93	0-1	0.0
	18	10	17.95	0	0.0
	18	20	17.98	0-1	0.0
	36	0	17.90		0.0
DFT-s-OFDM 16QAM	1	1	17.62	0-1	0.0
CP-OFDM QPSK	1	1	17.79	0-1.5	0.0

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Table H-278
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	17.87	0	0.0
	1	12	17.80		0.0
	1	22	17.86		0.0
	12	0	17.91	0-1	0.0
	12	6	17.96	0	0.0
	12	12	17.91	0-1	0.0
	24	0	17.92		0.0
DFT-s-OFDM 16QAM	1	1	17.61	0-1	0.0
CP-OFDM QPSK	1	1	17.73	0-1.5	0.0

Table H-279
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz) Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.89	0	0.0
	1	123	9.19		0.0
	1	243	9.08		0.0
	120	0	9.05	0-1	0.0
	120	63	9.14	0	0.0
	120	125	9.11	0-1	0.0
	243	0	9.13		0.0
DFT-s-OFDM 16QAM	1	1	8.65	0-1	0.0
CP-OFDM QPSK	1	1	8.92	0-1.5	0.0

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Table H-280
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.96	0	0.0
	1	109	9.14		0.0
	1	215	9.13		0.0
	108	0	9.09	0-1	0.0
	108	55	9.15	0	0.0
	108	109	9.13	0-1	0.0
	216	0	9.15		0.0
DFT-s-OFDM 16QAM	1	1	8.71	0-1	0.0
CP-OFDM QPSK	1	1	9.02	0-1.5	0.0

Table H-281
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.96	0	0.0
	1	95	9.13		0.0
	1	187	9.07		0.0
	90	0	9.10	0-1	0.0
	90	50	9.18	0	0.0
	90	99	9.14	0-1	0.0
	180	0	9.11		0.0
DFT-s-OFDM 16QAM	1	1	8.72	0-1	0.0
CP-OFDM QPSK	1	1	8.95	0-1.5	0.0

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Table H-282
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	8.99	0	0.0
	1	81	9.22		0.0
	1	160	9.08		0.0
	81	0	9.12	0-1	0.0
	81	41	9.23	0	0.0
	81	81	9.15	0-1	0.0
	162	0	9.14		0.0
DFT-s-OFDM 16QAM	1	1	8.76	0-1	0.0
CP-OFDM QPSK	1	1	9.14	0-1.5	0.0

Table H-283
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.02	0	0.0
	1	67	9.21		0.0
	1	131	9.13		0.0
	64	0	9.15	0-1	0.0
	64	35	9.18	0	0.0
	64	69	9.20	0-1	0.0
	128	0	9.21		0.0
DFT-s-OFDM 16QAM	1	1	8.90	0-1	0.0
CP-OFDM QPSK	1	1	9.04	0-1.5	0.0

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Table H-284
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.17	0	0.0
	1	53	9.10		0.0
	1	104	9.23		0.0
	50	0	9.16	0-1	0.0
	50	28	9.21	0	0.0
	50	56	9.20	0-1	0.0
	100	0	9.24		0.0
DFT-s-OFDM 16QAM	1	1	8.93	0-1	0.0
CP-OFDM QPSK	1	1	9.21	0-1.5	0.0

Table H-285
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.08	0	0.0
	1	39	9.20		0.0
	1	76	9.19		0.0
	36	0	9.21	0-1	0.0
	36	21	9.24	0	0.0
	36	42	9.27	0-1	0.0
	75	0	9.23		0.0
DFT-s-OFDM 16QAM	1	1	8.86	0-1	0.0
CP-OFDM QPSK	1	1	9.18	0-1.5	0.0

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Table H-286
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.27	0	0.0
	1	26	9.28		0.0
	1	49	9.29		0.0
	25	0	9.37	0-1	0.0
	25	13	9.40	0	0.0
	25	26	9.40	0-1	0.0
	50	0	9.35		0.0
DFT-s-OFDM 16QAM	1	1	9.07	0-1	0.0
CP-OFDM QPSK	1	1	9.28	0-1.5	0.0

Table H-287
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.29	0	0.0
	1	19	9.28		0.0
	1	36	9.25		0.0
	18	0	9.35	0-1	0.0
	18	10	9.41	0	0.0
	18	20	9.37	0-1	0.0
	36	0	9.35		0.0
DFT-s-OFDM 16QAM	1	1	9.04	0-1	0.0
CP-OFDM QPSK	1	1	9.22	0-1.5	0.0

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Table H-288
NR Band n77 Antenna M2 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth					
Modulation	RB Size	RB Offset	Channel	MPR Allowed per 3GPP [dB]	MPR [dB]
			633334 (3500.01 MHz)		
			Conducted Power [dBm]		
DFT-s-OFDM QPSK	1	1	9.29	0	0.0
	1	12	9.29		0.0
	1	22	9.28		0.0
	12	0	9.42	0-1	0.0
	12	6	9.39	0	0.0
	12	12	9.41	0-1	0.0
	24	0	9.40		0.0
DFT-s-OFDM 16QAM	1	1	9.06	0-1	0.0
CP-OFDM QPSK	1	1	9.25	0-1.5	0.0

H.2.14 NR Band n77 SRS Antennas S2, S3, & S4

Table H-289
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.46	15.44
SRS #3 Ant S4	16.02	15.89
SRS #4 Ant S3	15.84	15.66

Table H-290
NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.52	15.46
SRS #3 Ant S4	16.03	15.92
SRS #4 Ant S3	15.81	15.65

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Table H-291

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.54	15.43
SRS #3 Ant S4	16.04	15.96
SRS #4 Ant S3	15.85	15.64

Table H-292

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.58	15.33
SRS #3 Ant S4	15.95	15.93
SRS #4 Ant S3	15.77	15.74

Table H-293

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.53	15.41
SRS #3 Ant S4	15.83	15.82
SRS #4 Ant S3	15.85	15.80

Table H-294

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.60	15.39
SRS #3 Ant S4	16.02	15.90
SRS #4 Ant S3	15.82	15.82

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Table H-295

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.57	15.47
SRS #3 Ant S4	15.97	15.95
SRS #4 Ant S3	15.73	15.65

Table H-296

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.95	15.33
SRS #3 Ant S4	15.57	16.14
SRS #4 Ant S3	15.27	15.69

Table H-297

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.63	15.35
SRS #3 Ant S4	15.33	15.99
SRS #4 Ant S3	15.09	15.49

Table H-298

NR Band n77 Antennas S2, S3, & S4 Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	14.91	15.32
SRS #3 Ant S4	15.64	16.14
SRS #4 Ant S3	15.12	15.55

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Table H-299

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 90 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.54	7.97
SRS #3 Ant S4	6.89	6.75
SRS #4 Ant S3	6.67	6.74

Table H-300

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 80 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.43	8.01
SRS #3 Ant S4	6.85	6.75
SRS #4 Ant S3	6.73	6.87

Table H-301

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 70 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.51	7.97
SRS #3 Ant S4	6.85	6.80
SRS #4 Ant S3	6.71	6.75

Table H-302

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 60 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.44	7.90
SRS #3 Ant S4	6.84	6.64
SRS #4 Ant S3	6.68	6.61

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Table H-303

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 50 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.56	7.94
SRS #3 Ant S4	6.79	6.62
SRS #4 Ant S3	6.64	6.77

Table H-304

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 40 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.47	7.95
SRS #3 Ant S4	6.82	6.69
SRS #4 Ant S3	6.79	6.78

Table H-305

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 30 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.42	7.85
SRS #3 Ant S4	6.75	6.77
SRS #4 Ant S3	6.69	6.69

Table H-306

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 20 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.05	8.10
SRS #3 Ant S4	6.46	6.77
SRS #4 Ant S3	6.21	6.89

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Table H-307

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 15 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	7.81	8.09
SRS #3 Ant S4	6.31	6.71
SRS #4 Ant S3	5.99	6.71

Table H-308

NR Band n77 Antennas S2, S3, & S4 Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 10 MHz Bandwidth		
Channel		
Antenna	650000 (3750 MHz)	662000 (3930 MHz)
	Conducted Power [dBm]	
SRS #2 Ant S2	8.05	7.84
SRS #3 Ant S4	6.33	6.71
SRS #4 Ant S3	6.26	6.68

Table H-309

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.80
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.48

Table H-310

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.83
SRS #3 Ant S4	15.87
SRS #4 Ant S3	15.46

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Table H-311

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.87
SRS #3 Ant S4	15.84
SRS #4 Ant S3	15.50

Table H-312

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.91
SRS #3 Ant S4	15.88
SRS #4 Ant S3	15.61

Table H-313

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.87
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.65

Table H-314

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.88
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.65

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Table H-315

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.95
SRS #3 Ant S4	15.85
SRS #4 Ant S3	15.63

Table H-316

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.97
SRS #3 Ant S4	15.94
SRS #4 Ant S3	15.51

Table H-317

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.94
SRS #3 Ant S4	16.00
SRS #4 Ant S3	15.51

Table H-318

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{limit} for ECI = 0 (Free) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	15.96
SRS #3 Ant S4	15.93
SRS #4 Ant S3	15.61

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Table H-319
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 90 MHz Bandwidth

NR Band n77 DoD 90 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.38
SRS #3 Ant S4	7.31
SRS #4 Ant S3	7.18

Table H-320
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 80 MHz Bandwidth

NR Band n77 DoD 80 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.38
SRS #3 Ant S4	7.35
SRS #4 Ant S3	7.20

Table H-321
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 70 MHz Bandwidth

NR Band n77 DoD 70 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.36
SRS #3 Ant S4	7.28
SRS #4 Ant S3	7.15

Table H-322
NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 60 MHz Bandwidth

NR Band n77 DoD 60 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.40
SRS #3 Ant S4	7.29
SRS #4 Ant S3	7.12

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Table H-323

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 50 MHz Bandwidth

NR Band n77 DoD 50 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.38
SRS #3 Ant S4	7.33
SRS #4 Ant S3	7.13

Table H-324

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 40 MHz Bandwidth

NR Band n77 DoD 40 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.39
SRS #3 Ant S4	7.35
SRS #4 Ant S3	7.15

Table H-325

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 30 MHz Bandwidth

NR Band n77 DoD 30 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.36
SRS #3 Ant S4	7.38
SRS #4 Ant S3	7.10

Table H-326

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 20 MHz Bandwidth

NR Band n77 DoD 20 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.48
SRS #3 Ant S4	7.42
SRS #4 Ant S3	7.25

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Table H-327

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 15 MHz Bandwidth

NR Band n77 DoD 15 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.53
SRS #3 Ant S4	7.41
SRS #4 Ant S3	7.26

Table H-328

NR Band n77 Antennas S2, S3, & S4 DoD Measured P_{Limit} for ECI = 1 (Grip Sensor Active) - 10 MHz Bandwidth

NR Band n77 DoD 10 MHz Bandwidth	
Channel	
Antenna	633334 (3500.01 MHz)
	Conducted Power [dBm]
SRS #2 Ant S2	7.50
SRS #3 Ant S4	7.39
SRS #4 Ant S3	7.22

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APPENDIX I: LTE DOWNLINK ONLY CARRIER AGGREGATION TEST REDUCTION METHODOLOGY

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number of component carriers (CCs) supported by the product implementation. Per April 2018 TCBC Workshop Notes, the following test reduction methodology was applied to determine the combinations required for conducted power measurements.

LTE DLCA Test Reduction Methodology:

- The supported combinations were arranged by the number of component carriers in columns.
- Any limitations on the PCC or SCC for each combination were identified alongside the combination (e.g. CA_2A-2A-4A-12A, but B12 can only be configured as a SCC).
- Power measurements were performed for "supersets" (LTE CA combinations with multiple components carriers) and any "subsets" (LTE CA combinations with fewer component carriers) that were not completely covered by the supersets.
- Only subsets that have the exact same components as a superset were excluded for measurement.
- When there were certain restrictions on component carriers that existed in the superset that were not applied for the subset, the subset configuration was additionally evaluated.
- Both inter-band and intra-band downlink carrier aggregation scenarios were considered.
- Downlink CA combinations for SISO and 4x4 Downlink MIMO operations were measured independently, per May 2017 TCBC Workshop notes.

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Table I-1 – Example of Exclusion Table for SISO Configurations

Item	EC	Support Configs (Manufacturer/Device)	Exclusion	Compliance Covered by Manufacturer Support
EC-1	A-1	A-1.1	Not applicable	Not applicable
EC-2	A-2	A-2.1	Not applicable	Not applicable
EC-3	A-3	A-3.1	Not applicable	Not applicable
EC-4	A-4	A-4.1	Not applicable	Not applicable
EC-5	A-5	A-5.1	Not applicable	Not applicable
EC-6	A-6	A-6.1	Not applicable	Not applicable
EC-7	A-7	A-7.1	Not applicable	Not applicable
EC-8	A-8	A-8.1	Not applicable	Not applicable
EC-9	A-9	A-9.1	Not applicable	Not applicable
EC-10	A-10	A-10.1	Not applicable	Not applicable
EC-11	A-11	A-11.1	Not applicable	Not applicable
EC-12	A-12	A-12.1	Not applicable	Not applicable
EC-13	A-13	A-13.1	Not applicable	Not applicable
EC-14	A-14	A-14.1	Not applicable	Not applicable
EC-15	A-15	A-15.1	Not applicable	Not applicable
EC-16	A-16	A-16.1	Not applicable	Not applicable
EC-17	A-17	A-17.1	Not applicable	Not applicable
EC-18	A-18	A-18.1	Not applicable	Not applicable
EC-19	A-19	A-19.1	Not applicable	Not applicable
EC-20	A-20	A-20.1	Not applicable	Not applicable
EC-21	A-21	A-21.1	Not applicable	Not applicable
EC-22	A-22	A-22.1	Not applicable	Not applicable
EC-23	A-23	A-23.1	Not applicable	Not applicable
EC-24	A-24	A-24.1	Not applicable	Not applicable
EC-25	A-25	A-25.1	Not applicable	Not applicable
EC-26	A-26	A-26.1	Not applicable	Not applicable
EC-27	A-27	A-27.1	Not applicable	Not applicable
EC-28	A-28	A-28.1	Not applicable	Not applicable
EC-29	A-29	A-29.1	Not applicable	Not applicable
EC-30	A-30	A-30.1	Not applicable	Not applicable
EC-31	A-31	A-31.1	Not applicable	Not applicable
EC-32	A-32	A-32.1	Not applicable	Not applicable
EC-33	A-33	A-33.1	Not applicable	Not applicable
EC-34	A-34	A-34.1	Not applicable	Not applicable
EC-35	A-35	A-35.1	Not applicable	Not applicable
EC-36	A-36	A-36.1	Not applicable	Not applicable
EC-37	A-37	A-37.1	Not applicable	Not applicable
EC-38	A-38	A-38.1	Not applicable	Not applicable
EC-39	A-39	A-39.1	Not applicable	Not applicable
EC-40	A-40	A-40.1	Not applicable	Not applicable
EC-41	A-41	A-41.1	Not applicable	Not applicable
EC-42	A-42	A-42.1	Not applicable	Not applicable
EC-43	A-43	A-43.1	Not applicable	Not applicable
EC-44	A-44	A-44.1	Not applicable	Not applicable
EC-45	A-45	A-45.1	Not applicable	Not applicable
EC-46	A-46	A-46.1	Not applicable	Not applicable
EC-47	A-47	A-47.1	Not applicable	Not applicable
EC-48	A-48	A-48.1	Not applicable	Not applicable
EC-49	A-49	A-49.1	Not applicable	Not applicable
EC-50	A-50	A-50.1	Not applicable	Not applicable
EC-51	A-51	A-51.1	Not applicable	Not applicable
EC-52	A-52	A-52.1	Not applicable	Not applicable
EC-53	A-53	A-53.1	Not applicable	Not applicable
EC-54	A-54	A-54.1	Not applicable	Not applicable
EC-55	A-55	A-55.1	Not applicable	Not applicable
EC-56	A-56	A-56.1	Not applicable	Not applicable
EC-57	A-57	A-57.1	Not applicable	Not applicable
EC-58	A-58	A-58.1	Not applicable	Not applicable
EC-59	A-59	A-59.1	Not applicable	Not applicable
EC-60	A-60	A-60.1	Not applicable	Not applicable
EC-61	A-61	A-61.1	Not applicable	Not applicable
EC-62	A-62	A-62.1	Not applicable	Not applicable
EC-63	A-63	A-63.1	Not applicable	Not applicable
EC-64	A-64	A-64.1	Not applicable	Not applicable
EC-65	A-65	A-65.1	Not applicable	Not applicable
EC-66	A-66	A-66.1	Not applicable	Not applicable
EC-67	A-67	A-67.1	Not applicable	Not applicable
EC-68	A-68	A-68.1	Not applicable	Not applicable
EC-69	A-69	A-69.1	Not applicable	Not applicable
EC-70	A-70	A-70.1	Not applicable	Not applicable
EC-71	A-71	A-71.1	Not applicable	Not applicable
EC-72	A-72	A-72.1	Not applicable	Not applicable
EC-73	A-73	A-73.1	Not applicable	Not applicable
EC-74	A-74	A-74.1	Not applicable	Not applicable
EC-75	A-75	A-75.1	Not applicable	Not applicable
EC-76	A-76	A-76.1	Not applicable	Not applicable
EC-77	A-77	A-77.1	Not applicable	Not applicable
EC-78	A-78	A-78.1	Not applicable	Not applicable
EC-79	A-79	A-79.1	Not applicable	Not applicable
EC-80	A-80	A-80.1	Not applicable	Not applicable
EC-81	A-81	A-81.1	Not applicable	Not applicable
EC-82	A-82	A-82.1	Not applicable	Not applicable
EC-83	A-83	A-83.1	Not applicable	Not applicable
EC-84	A-84	A-84.1	Not applicable	Not applicable
EC-85	A-85	A-85.1	Not applicable	Not applicable
EC-86	A-86	A-86.1	Not applicable	Not applicable
EC-87	A-87	A-87.1	Not applicable	Not applicable
EC-88	A-88	A-88.1	Not applicable	Not applicable
EC-89	A-89	A-89.1	Not applicable	Not applicable
EC-90	A-90	A-90.1	Not applicable	Not applicable
EC-91	A-91	A-91.1	Not applicable	Not applicable
EC-92	A-92	A-92.1	Not applicable	Not applicable
EC-93	A-93	A-93.1	Not applicable	Not applicable
EC-94	A-94	A-94.1	Not applicable	Not applicable
EC-95	A-95	A-95.1	Not applicable	Not applicable
EC-96	A-96	A-96.1	Not applicable	Not applicable
EC-97	A-97	A-97.1	Not applicable	Not applicable
EC-98	A-98	A-98.1	Not applicable	Not applicable
EC-99	A-99	A-99.1	Not applicable	Not applicable
EC-100	A-100	A-100.1	Not applicable	Not applicable

Table I-2 – Example of Exclusion Table for 4x4 Downlink MIMO Configurations



Note: [CC] indicates component carrier with 4x4 DL MIMO antenna configuration

I.1 LTE Downlink Only Carrier Aggregation Test Selection and Setup

SAR test exclusion for LTE downlink Carrier Aggregation is determined by power measurements according to the number component carriers (CCs) supported by the product implementation. For those configurations required by April 2018 TCBC Workshop Notes, conducted power measurements with LTE Carrier Aggregation (CA) (downlink only) active are made in accordance to KDB Publication 941225 D05Av01r02. The RRC connection is only handled by one cell, the primary component carrier (PCC) for downlink and uplink communications. After making a data connection to the PCC, the UE device adds secondary component carrier(s) (SCC) on the downlink only. All uplink communications and acknowledgements remain identical to specifications when downlink carrier aggregation is inactive on the PCC. Additional conducted output powers are measured with the downlink carrier aggregation active for the configuration with highest measured maximum conducted power with downlink carrier aggregation inactive measured among the channel bandwidth, modulation, and RB combinations in each frequency band.

Per FCC KDB Publication 941225 D05Av01r02, no SAR measurements are required for carrier aggregation configurations when the maximum average output power with downlink only carrier aggregation active is not more than 0.25 dB higher than the average output power with downlink only carrier aggregation inactive. All bands required for SAR testing per FCC KDB procedures were considered. Based on the measured maximum powers below, no additional SAR tests were required for DLCA SAR configurations.

General PCC and SCC configuration selection procedure

- PCC uplink channel, channel bandwidth, modulation and RB configurations were selected based on section C)3)b)ii) of KDB 941225 D05 V01r02. All LTE bandwidth conducted powers needed for PCC uplink configuration selection can be found in the RF Conducted Powers Section and LTE/NR Lower Bandwidth RF Conducted Power Appendix. The downlink PCC channel was paired with the selected PCC uplink channel according to normal configurations without carrier aggregation.
- To maximize aggregated bandwidth, highest channel bandwidth available for that CA combination was selected for SCC. For inter-band CA, the SCC downlink channels were selected near the middle of their transmission bands. For contiguous intra-band CA, the downlink channel spacing between the component carriers was set to multiple of 300 kHz less than the nominal channel spacing defined in section 5.4.1A of 3GPP TS 36.521. For non-contiguous intra-band CA, the downlink channel spacing between the component carriers was set to be larger than the nominal channel spacing and provided maximum separation between the component carriers.
- All selected PCC and SCC(s) remained fully within the uplink/downlink transmission band of the respective component carrier.

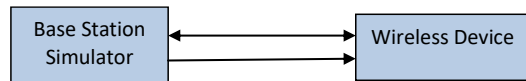


Figure I-1
DL CA Power Measurement Setup

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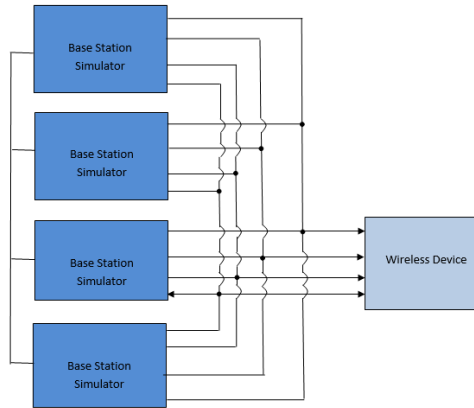


Figure I-2
DL CA with DL 4x4 MIMO Power Measurement Setup

I.2 Downlink Carrier Aggregation RF Conducted Powers

I.2.1 LTE Band 71 as PCC

Table I-3
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC				PCC [UL] Channel	PCC [DL] Freq. [MHz]	SCC 1			SCC 2			SCC 3			SCC 4			LTE Tx Power with DL CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]				
			PCC [UL] Ch.	Mod.	PCC UL RB	PCC UL RB Offset			SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]						
CA 4A-4A-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B4	20	2175	2132.5	LTE B4	20	2350	2150	-	-	-	-	-	-	23.42	23.57		
CA 4B-4B-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B48	20	55950	3625	LTE B48	20	55940	3630	-	-	-	-	-	-	23.49	23.57		
CA 4B-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B48	20	55950	3625	LTE B48	20	55938	3644.8	-	-	-	-	-	-	23.52	23.57		
CA 2A-2A-4A-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	-	-	23.67	23.57		
CA 2A-6A-6A-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	65786	2145	LTE B66	20	65786	2145	-	-	23.57	23.57		
CA 2A-6C-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B66	20	65786	2145	LTE B66	20	65954	2164.9	-	-	23.64	23.57		
CA 2A-7A-7A-6A-71A	LTE B71	20	133297	QPSK	1	0	68761	634.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B66	20	66786	2145	23.33	23.57

I.2.1 LTE Band 12 as PCC

Table I-4
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC				PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC 1			SCC Band	SCC 2			SCC Band	SCC 3			SCC Band	SCC 4			LTE Tx Power with CA Enabled [dBm]	LTE Single Carrier Tx Power [dBm]	
				Mod.	PCC UL RB	PCC UL RB Offset				SCC Band	SCC BW [MHz]	SCC [DL] Channel		SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]		SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band		SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]			
CA 2A-12A (1)	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	-	-	-	-	-	-	-	-	-	-	-	-	23.80	24.05	
CA 4A-12A (1)	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	-	-	-	-	23.91	24.05	
CA 4A-12A (2)	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	-	-	-	-	23.91	24.05	
CA 12A-30A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B25	20	8365	1962.5	-	-	-	-	-	-	-	-	-	-	-	-	24.01	24.05	
CA 12A-48A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B48	20	55950	3625	-	-	-	-	-	-	-	-	-	-	-	-	23.95	24.05	
CA 12A-66A (1)	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	-	-	-	-	23.94	24.05	
CA 12A-66A (2)	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B66	20	66786	2145	-	-	-	-	-	-	-	-	-	-	-	-	23.94	24.05	
CA 7A-12B	LTE B12	5	23155	QPSK	1	0	6155	743.5	LTE B12	10	9083	738.3	LTE B7	20	3100	2655	-	-	-	-	-	-	-	-	-	23.30	23.88
CA 12A-48C	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B48	20	55950	3625	LTE B48	20	55588	3644.8	-	-	-	-	-	-	-	-	-	23.94	24.05
CA 12A-66B	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B66	15	66786	2145	LTE B66	5	66879	2154.3	-	-	-	-	-	-	-	-	-	24.04	24.05
CA 2A-2A-4A-12A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B4	20	2175	2132.5	-	-	-	-	-	24.11	24.05
CA 2A-4A-4A-12A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	24.13	24.05
CA 2A-4A-7A-12A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B7	20	3100	2655	-	-	-	-	-	24.15	24.05
CA 2A-4A-12B	LTE B12	5	23155	QPSK	1	0	6155	743.5	LTE B12	10	9083	738.3	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	-	23.82	23.88
CA 2A-4A-12A-30A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	LTE B30	10	8520	2395	-	-	-	-	-	23.95	24.05
CA 2A-12A-6A-6C	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B66	20	65786	2145	LTE B66	20	65954	2164.9	-	-	-	-	-	24.03	24.05
CA 4A-4A-12B	LTE B12	5	23155	QPSK	1	0	6155	743.5	LTE B12	10	9083	738.3	LTE B4	20	2175	2132.5	LTE B4	10	2350	2150	-	-	-	-	-	23.67	23.66
CA 2A-2A-7A-12A-6A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B66	20	66786	2145	24.00	24.05	
CA 2A-2A-12B-6A	LTE B12	5	23155	QPSK	1	0	6155	743.5	LTE B12	10	9083	738.3	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	23.70	23.66	
CA 2A-2A-12A-30A-6A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B30	10	8520	2395	LTE B66	20	66786	2145	23.96	24.05	
CA 2A-2A-12A-6A-6A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	66786	2145	LTE B66	20	67236	2190	24.04	24.05	
CA 2A-12B-6A-6A	LTE B12	1	23115	QPSK	1	0	6155	743.5	LTE B12	10	1083	738.3	LTE B2	20	900	1960	LTE B66	20	65786	2145	LTE B66	20	67236	2190	23.71	23.66	
CA 2A-12A-30A-6A-6A	LTE B12	10	23095	QPSK	1	25	5095	737.5	LTE B2	20	900	1960	LTE B30	10	8520	2395	LTE B66	20	66786	2145	LTE B66	20	67236	2190	23.94	24.05	

I.2.2 LTE Band 13 as PCC

Table I-5
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC 1				SCC 2				SCC 3				SCC 4				Power	
										SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-4A-13A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B4	20	2175	2132.5	-	-	-	-	-	-	-	-	23.28	23.89
CA_2A-13A-46A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B46	20	5590	3625	-	-	-	-	-	-	-	-	23.28	23.89
CA_4A-4A-13A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B4	20	2175	2132.5	LTE B4	20	2380	2180	-	-	-	-	-	-	-	-	23.65	23.89
CA_13A-48B	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B48	10	5590	3625	LTE B48	10	5609	3634.9	-	-	-	-	-	-	-	-	23.91	23.89
CA_13A-48B-66A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B48	20	5590	3625	LTE B66	20	6678	2145	-	-	-	-	-	-	-	-	23.99	23.89
CA_2A-13A-48C	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	5590	3625	LTE B48	20	5618	3644.8	-	-	-	-	23.21	23.89
CA_2A-13A-66B	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	5590	3625	LTE B66	20	6678	2145	-	-	-	-	23.80	23.89
CA_2A-13A-66C	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B66	20	6678	2145	LTE B66	20	6679	2145.1	-	-	-	-	23.18	23.89
CA_2A-13A-66C	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B66	20	6678	2145	LTE B66	20	6679	2145.1	-	-	-	-	23.61	23.89
CA_13A-48B-66B	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B48	20	5590	3625	LTE B66	15	6678	2145	LTE B66	5	6679	2145.3	-	-	-	-	23.28	23.89
CA_13A-48B-66C	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B48	20	5590	3625	LTE B66	20	6678	2145	LTE B66	20	6679	2145.3	-	-	-	-	23.91	23.89
CA_13A-66A-66B	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B66	20	6678	2145	LTE B66	5	6726	2183.2	LTE B66	15	6726	2183.2	-	-	-	-	23.62	23.89
CA_13A-66A-66C	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B66	20	6678	2145	LTE B66	20	6726	2183.2	LTE B66	20	6726	2183.2	-	-	-	-	23.62	23.89
CA_13A-66C	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B66	20	6678	2145	LTE B66	20	6684	2144.8	LTE B66	20	6688	2145.2	-	-	-	-	23.65	23.89
CA_2A-2A-7A-7A-13A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B7	20	3850	2630	23.50	23.89
CA_2A-2A-7C-13A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	23.49	23.89
CA_2A-2A-13A-66A-66A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	6678	2145	LTE B66	20	6723	2190	23.66	23.89
CA_2A-7A-7A-13A-66A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2850	2630	LTE B66	20	6678	2145	23.46	23.89
CA_2A-7C-13A-66A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B7	20	3100	2655	LTE B7	20	2902	2635.2	LTE B66	20	6678	2145	23.53	23.89
CA_2A-13A-48D	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	5590	3625	LTE B48	20	5618	3644.8	LTE B48	20	5618	3644.8	23.31	23.89
CA_2A-13A-48C-66A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B2	20	900	1960	LTE B48	20	5590	3625	LTE B48	20	5618	3644.8	LTE B66	20	6678	2145	23.32	23.89
CA_13A-48E	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B48	20	5590	3625	LTE B48	20	5618	3644.8	LTE B48	20	5618	3644.8	LTE B48	20	5618	3644.8	24.01	23.89
CA_13A-48D-66A	LTE B13	10	2320	762	QPSK	1	25	5230	751	LTE B48	20	5590	3625	LTE B48	20	5618	3644.8	LTE B48	20	5618	3644.8	LTE B66	20	6678	2145	24.00	23.89

I.2.3 LTE Band 14 as PCC

Table I-6
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC 1				SCC 2				SCC 3				SCC 4				Power	
										SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_2A-2A-10A-20A-66A	LTE B14	10	2330	793	QPSK	1	0	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B20	10	8620	2355	LTE B66	20	6678	2145	23.72	23.90
CA_2A-2A-14A-66A-66A	LTE B14	10	2330	793	QPSK	1	0	5330	763	LTE B2	20	900	1960	LTE B2	20	700	1940	LTE B66	20	6678	2145	LTE B66	20	6723	2190	23.75	23.90
CA_2A-14A-30A-66A-66A	LTE B14	10	2330	793	QPSK	1	0	5330	763	LTE B2	20	900	1960	LTE B20	10	8620	2355	LTE B66	20	6678	2145	LTE B66	20	6723	2190	23.87	23.90

I.2.4 LTE Band 26 as PCC

Table I-7
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC [UL] Ch.	PCC [UL] Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC [DL] Channel	PCC [DL] Freq. [MHz]	SCC 1				SCC 2				SCC 3				SCC 4				Power	
										SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	SCC Band	SCC BW [MHz]	SCC [DL] Channel	SCC [DL] Freq. [MHz]	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA_25A-26A	LTE B26	15	26865	831.5	QPSK	1	74	8865	876.5	LTE B25	20	8365	1962.5	LTE B25	20	8365	1962.5	LTE B25	20	8365	1962.5	LTE B25	20	8365	1962.5	24.20	24.25
CA_26A-41A	LTE B26	15	26865	831.5	QPSK	1	74	8865	876.5	LTE B41	20	40620	2593	LTE B41	20	40620	2593	LTE B41	20	40620	2593	LTE B41	20	40620	2593	24.23	24.25

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[illegible]

I.3.8 LTE Band 25 as PCC

Table I-21
Maximum Output Powers

[illegible]

I.3.9 LTE Band 30 as PCC

Table I-22
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC [DL] [MHz]	Mod.	PCC				SCC 1				SCC 2				SCC 3				SCC 4				Power [dBm]	LTE Single Carrier Tx Power [dBm]	
					PCC UL BW [MHz]	PCC UL Freq. [MHz]	PCC UL [MHz]	PCC DL Freq. [MHz]	DL Config.	SCC Band	SCC BW [MHz]	SCC [DL] Freq. [MHz]	DL Config.	SCC Band	SCC BW [MHz]	SCC [DL] Freq. [MHz]	DL Config.	SCC Band	SCC BW [MHz]	SCC [DL] Freq. [MHz]	DL Config.	SCC Band	SCC BW [MHz]	SCC [DL] Freq. [MHz]			DL Config.
CA [2A] [2A] [2A] (66A)	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE E10	20	900	1960	4x4	LTE E10	20	900	1940	4x4	LTE E10	20	66785	2345	4x4	22.66	22.80
CA [2A-66A] (66A)	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.66	22.80
CA [2A-14A] (66A)	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA [2A-44-5A-30A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	4x4	LTE E10	20	900	1940	4x4	LTE E10	20	66785	2345	4x4	22.73	22.80
CA [2A-5A] (66A)	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.66	22.80
CA [2A-14A-2A] (66A)	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA [2A-14A-5A-30A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	4x4	LTE E10	20	900	1940	4x4	LTE E10	20	66785	2345	4x4	22.73	22.80
CA [2A-5A-30A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.66	22.80
CA [2A-44-5A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA [2A-5A-30A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.66	22.80
CA [2A-14A-2A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA [2A-14A-5A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA [2A-5A-30A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	4x4	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.66	22.80
CA [2A-14A-2A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA [2A-14A-5A]	LTE E10	10	27710	2310	QPSK	1	25	9820	2355	2x2	LTE E10	20	900	1960	2x2	LTE E10	20	900	1940	2x2	LTE E10	20	66785	2345	2x2	22.73	22.80
CA																											

I.3.10 LTE Band 41 as PCC

Table I-23
Maximum Output Powers

Combination	PCC										SCC 1					Power	
	PCC Band	PCC BW [MHz]	PCC (UL) Ch.	PCC (UL) Freq. [MHz]	Mod.	PCC UL# RB	PCC UL RB Offset	PCC (DL) Ch.	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch.	SCC (DL) Freq. [MHz]	DL Ant. Config.	LTE Tx.Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)
CA [41A]-41A (1)	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	41490	2680	4x4	24.00	24.02
CA [41A]-41A	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	41490	2680	4x4	24.03	24.02
CA 41A-[41A]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41490	2680	2x2	24.00	24.02
CA [41A]-[41A] (1)	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41490	2680	4x4	23.97	24.02
CA 41A-[41C]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	41292	2660.2	4x4	23.72	24.02
CA [41C]-41A	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	40356	2566.6	4x4	24.00	24.02
CA [41A]-41C	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41292	2660.2	2x2	23.96	24.02
CA 41C-[41A]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	2x2	LTE B41	20	40356	2566.6	2x2	23.73	24.02
CA [41A]-[41C]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	41292	2660.2	4x4	23.98	24.02
CA [41C]-[41A]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	40356	2566.6	4x4	23.96	24.02
CA [41D]	LTE B41	15	40185	2549.5	QPSK	1	0	40185	2549.5	4x4	LTE B41	20	40356	2566.6	4x4	24.01	24.02

I.3.11 LTE Band 48 as PCC

Table I-24
Maximum Output Powers

Combination	PCC Band	PCC BW [MHz]	PCC (UL) Ch. Freq. [MHz]	Mod.	PCC UL RB	PCC UL RB Offset	PCC (DL) Freq. [MHz]	DL Ant. Config.	SCC 1				SCC 2				SCC 3				SCC 4				Power									
									SCC Band	SCC BW [MHz]	SCC (DL) Ch. Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch. Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch. Freq. [MHz]	DL Ant. Config.	SCC Band	SCC BW [MHz]	SCC (DL) Ch. Freq. [MHz]	DL Ant. Config.	LTE Tx Power with DL CA Enabled (dBm)	LTE Single Carrier Tx Power (dBm)								
CA [48B]	LTE B48	5	55757	3601.7	QPSK	1	0	55757	3601.7	4x4	LTE B48	10	55856	3611.6	4x4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23.15	23.23		
CA 48A-[48D]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	55340	3560	4x4	LTE B48	20	55338	3579.8	4x4	LTE B48	20	55736	3599.6	4x4	-	-	-	-	-	-	23.32	23.24	
CA [48D]-48A	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	56640	3690	2x2	-	-	-	-	-	-	23.16	23.28	
CA [48A]-48D	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	55340	3560	2x2	LTE B48	20	55338	3579.8	2x2	LTE B48	20	55736	3599.6	2x2	-	-	-	-	-	-	23.29	23.24	
CA 48D-[48A]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56115	3637.5	2x2	LTE B48	20	55917	3617.7	2x2	LTE B48	20	56640	3690	4x4	-	-	-	-	-	-	23.08	23.24	
CA [48A]-[48D]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	55340	3560	4x4	LTE B48	20	55338	3579.8	4x4	LTE B48	20	55736	3599.6	4x4	-	-	-	-	-	-	23.22	23.24	
CA [48D]-[48A]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	56640	3690	4x4	-	-	-	-	-	-	23.21	23.24	
CA [48C]-[48C]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55340	3560	4x4	LTE B48	20	55338	3579.8	4x4	-	-	-	-	-	-	23.19	23.24	
CA [48B]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56115	3637.5	4x4	LTE B48	20	55917	3617.7	4x4	LTE B48	20	55736	3599.6	4x4	-	-	-	-	-	-	23.22	23.28	
CA [48A]-48E	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56340	3660	2x2	LTE B48	20	56038	3679.8	2x2	LTE B48	20	56736	3699.6	2x2	LTE B48	20	56934	3615.4	2x2	-	-	23.15	23.24
CA 48E-[48A]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56515	3637.5	2x2	LTE B48	20	56917	3617.7	2x2	LTE B48	20	56638	3689.8	2x2	LTE B48	20	56640	3690	4x4	-	-	23.17	23.24
CA 48C-[48D]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56515	3637.5	2x2	LTE B48	20	56340	3660	4x4	LTE B48	20	56538	3679.8	4x4	LTE B48	20	56736	3699.6	4x4	-	-	23.15	23.24
CA [48D]-48C	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56515	3637.5	4x4	LTE B48	20	56917	3617.7	4x4	LTE B48	20	56640	3690	2x2	LTE B48	20	56442	3670.2	2x2	-	-	23.19	23.24
CA [48C]-48D	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	4x4	LTE B48	20	56515	3637.5	4x4	LTE B48	20	56340	3660	2x2	LTE B48	20	56538	3679.8	2x2	LTE B48	20	56736	3699.6	2x2	-	-	23.16	23.24
CA 48D-[48C]	LTE B48	5	56232	3649.2	QPSK	1	0	56232	3649.2	2x2	LTE B48	20	56515	3637.5	2x2	LTE B48	20	56917	3617.7	2x2	LTE B48	20	56640	3690	4x4	LTE B48	20	56442	3670.2	4x4	-	-	23.17	23.24

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APPENDIX J: IEEE 802.11 RU SAR EXCLUSION

J.1 IEEE 802.11ax RU SAR Exclusion

To make the most efficient use of the additional available subcarriers (data tones), IEEE 802.11ax can utilize Orthogonal Frequency-Division Multiple Access (OFDMA) which divides the existing 802.11 channels into smaller subchannels called Resource Units (RUs). Possible RU sizes are: 26T, 52T, 106T, 242T, 484T, 996T and 996T*2.

Per FCC Guidance, 802.11ax was considered a higher order 802.11 mode when compared to a/b/g/n/ac to apply KDB Publication 248227 D01v02r02 for OFDM mode selection. Therefore, SAR tests were not required for 802.11ax based on the maximum allowed output powers of OFDM modes and the reported SAR values. Per FCC Guidance, maximum conducted powers were performed for each RU size to demonstrate that the output powers would not be higher than the other OFDM 802.11 modes.

Note: Targets for 6GHz are applicable for both SP and LPI.

J.2 IEEE 802.11ax RU Target Powers

J.2.1 Maximum 802.11ax RU WLAN Output Power – 2.4/5 GHz WLAN

Tones		SISO (WIFI ANT0/ WIFI ANT1) /in dBm					MIMO (ALL) /in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum	12	6	6	6	3.5	15	9	9	9	6.5
	Nominal	11	5	5	5	2.5	14	8	8	8	5.5
52T	Maximum	14	6	6	6	6	17	9	9	9	9
	Nominal	13	5	5	5	5	16	8	8	8	8
106T	Maximum	15	6	6	6	6	18	9	9	9	9
	Nominal	14	5	5	5	5	17	8	8	8	8
242T	Maximum	15	11	11	11	11	18	14	14	14	14
	Nominal	14	10	10	10	10	17	13	13	13	13
484T	Maximum			11	11	11			14	14	14
	Nominal			10	10	10			13	13	13
996T	Maximum				11					14	
	Nominal				10	Ch. 50: 8.5				13	Ch. 50: 11.5
996T*2	Maximum					11					14
	Nominal					Ch. 50: 10.0					Ch. 50: 13.0
						10					13
						Ch. 50: 9.0					Ch. 50: 12.0

J.2.2 Reduced 802.11ax RU WLAN Output Power with Grip Sensor Active – 2.4/5 GHz WLAN

Tones		SISO (WIFI ANT0/ WIFI ANT1) /in dBm					MIMO (ALL) /in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum	12	6	6	6	3.5	15	9	9	9	6.5
	Nominal	11	5	5	5	2.5	14	8	8	8	5.5
52T	Maximum	12	6	6	6	6	15	9	9	9	9
	Nominal	11	5	5	5	5	14	8	8	8	8
106T	Maximum	12	6	6	6	6	15	9	9	9	9
	Nominal	11	5	5	5	5	14	8	8	8	8
242T	Maximum	12	8	8	8	8	15	11	11	11	11
	Nominal	11	7	7	7	7	14	10	10	10	10
484T	Maximum			8	8	8			11	11	11
	Nominal			7	7	7			10	10	10
996T	Maximum				8	8				11	11
	Nominal				7	7				10	10
996T*2	Maximum					8					11
	Nominal					7					10

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J.2.3 Reduced 802.11ax RU WLAN Output Power with RSDB Active and/or 5G NR Active – 2.4/5 GHz WLAN

Tones		SISO (WIFI ANT0/ WIFI ANT1) /in dBm					MIMO (ALL) /in dBm				
		2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz	2.4GHz	5GHz/20MHz	5GHz/40MHz	5GHz/80MHz	5GHz/160MHz
26T	Maximum	11	6	6	6	3.5	14	9	9	9	6.5
	Nominal	10	5	5	5	2.5	13	8	8	8	5.5
52T	Maximum	11	6	6	6	6	14	9	9	9	9
	Nominal	10	5	5	5	5	13	8	8	8	8
106T	Maximum	11	6	6	6	6	14	9	9	9	9
	Nominal	10	5	5	5	5	13	8	8	8	8
242T	Maximum	11	6.5	6.5	6.5	6.5	14	9.5	9.5	9.5	9.5
	Nominal	10	5.5	5.5	5.5	5.5	13	8.5	8.5	8.5	8.5
484T	Maximum			6.5	6.5	6.5			9.5	9.5	9.5
	Nominal			5.5	5.5	5.5			8.5	8.5	8.5
996T	Maximum				6.5	6.5				9.5	9.5
	Nominal				5.5	5.5				8.5	8.5
996T *2	Maximum					6.5					9.5
	Nominal					5.5					8.5

J.2.4 Maximum 802.11ax RU WLAN Output Power - 6 GHz WLAN

Mode		IEEE 802.11ax RU (in dBm)							
		SISO / SISO in MIMO							
		26T	52T	106T	242T	484T	996T	996T*2	
6 GHz WIFI (20MHz BW)	Maximum	1.0	4.0	7.0	10.0				
	Nominal	0.0	3.0	6.0	9.0				
6 GHz WIFI (40MHz BW)	Maximum	1.0	4.0	7.0	10.0	10.0			
	Nominal	0.0	3.0	6.0	9.0	9.0			
6 GHz WIFI (80MHz BW)	Maximum	1.0	4.0	7.0	10.0	10.0	10.0		
	Nominal	0.0	3.0	6.0	9.0	9.0	9.0		
6 GHz WIFI (160MHz BW)	Maximum	1.0	4.0	7.0	10.0	10.0	10.0	10.0	
	Nominal	0.0	3.0	6.0	9.0	9.0	9.0	9.0	

J.2.5 Reduced 802.11ax RU WLAN Output Power with Grip Sensor Active - 6 GHz WLAN

Mode		IEEE 802.11ax RU (in dBm)							
		SISO / SISO in MIMO							
		26T	52T	106T	242T	484T	996T	996T*2	
6 GHz WIFI (20MHz BW)	Maximum	1.0	4.0	6.5	6.5				
	Nominal	0.0	3.0	5.5	5.5				
6 GHz WIFI (40MHz BW)	Maximum	1.0	4.0	6.5	6.5	6.5			
	Nominal	0.0	3.0	5.5	5.5	5.5			
6 GHz WIFI (80MHz BW)	Maximum	1.0	4.0	6.5	6.5	6.5	6.5		
	Nominal	0.0	3.0	5.5	5.5	5.5	5.5		
6 GHz WIFI (160MHz BW)	Maximum	1.0	4.0	6.5	6.5	6.5	6.5	6.5	
	Nominal	0.0	3.0	5.5	5.5	5.5	5.5	5.5	

J.2.6 Reduced 802.11ax RU WLAN Output Power with 2.4 GHz WLAN Active and/or 5G NR Active - 6 GHz WLAN

Mode		IEEE 802.11ax RU (in dBm)							
		SISO / SISO in MIMO							
		26T	52T	106T	242T	484T	996T	996T*2	
6 GHz WIFI (20MHz BW)	Maximum	1.0	2.5	2.5	2.5				
	Nominal	0.0	1.5	1.5	1.5				
6 GHz WIFI (40MHz BW)	Maximum	1.0	2.5	2.5	2.5	2.5			
	Nominal	0.0	1.5	1.5	1.5	1.5			
6 GHz WIFI (80MHz BW)	Maximum	1.0	2.5	2.5	2.5	2.5	2.5		
	Nominal	0.0	1.5	1.5	1.5	1.5	1.5		
6 GHz WIFI (160MHz BW)	Maximum	1.0	2.5	2.5	2.5	2.5	2.5	2.5	
	Nominal	0.0	1.5	1.5	1.5	1.5	1.5	1.5	

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