

APPENDIX A: SAR TEST RESULTS FOR P_{LIMIT} CALCULATIONS

For some bands/modes, a lower P_{Limit} was selected as a more conservative evaluation.
Data highlighted in blue was tested and provided by the manufacturer.

Table A-1
DSI = 1 P_{Limit} Calculations –GSM 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.80	251	Right	Cheek	GSM 850	GSM	A	32.20	1:8.3	0.182	30.40	30.40
848.80	251	Right	Tilt	GSM 850	GSM	A	32.20	1:8.3	0.085	33.73	
848.80	251	Left	Cheek	GSM 850	GSM	A	32.20	1:8.3	0.121	32.17	
848.80	251	Left	Tilt	GSM 850	GSM	A	32.20	1:8.3	0.080	33.98	

Table A-2
DSI = 1 P_{Limit} Calculations –GSM 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1880.00	661	Right	Cheek	GSM 1900	GSM	A	29.58	1:8.3	0.067	32.12	30.56
1880.00	661	Right	Tilt	GSM 1900	GSM	A	29.58	1:8.3	0.043	34.04	
1880.00	661	Left	Cheek	GSM 1900	GSM	A	29.58	1:8.3	0.096	30.56	
1880.00	661	Left	Tilt	GSM 1900	GSM	A	29.58	1:8.3	0.051	33.30	

Table A-3
DSI = 1 P_{Limit} Calculations –UMTS 850 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	Right	Cheek	UMTS 850	RMC	A	24.85	1:1	0.276	30.44	30.44
846.60	4233	Right	Tilt	UMTS 850	RMC	A	24.85	1:1	0.124	33.92	
846.60	4233	Left	Cheek	UMTS 850	RMC	A	24.85	1:1	0.172	32.49	
846.60	4233	Left	Tilt	UMTS 850	RMC	A	24.85	1:1	0.114	34.28	

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Table A-4
DSI = 1 P_{Limit} Calculations –UMTS 1750 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1712.40	1312	Right	Cheek	UMTS 1750	RMC	A	23.98	1:1	0.113	33.45	31.48
1712.40	1312	Right	Tilt	UMTS 1750	RMC	A	23.98	1:1	0.069	35.59	
1712.40	1312	Left	Cheek	UMTS 1750	RMC	A	23.98	1:1	0.178	31.48	
1712.40	1312	Left	Tilt	UMTS 1750	RMC	A	23.98	1:1	0.066	35.78	

Table A-5
DSI = 1 P_{Limit} Calculations –UMTS 1900 Head SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Test Position	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
1852.40	9262	Right	Cheek	UMTS 1900	RMC	A	23.95	1:1	0.161	31.88	30.43
1852.40	9262	Right	Tilt	UMTS 1900	RMC	A	23.95	1:1	0.092	34.31	
1852.40	9262	Left	Cheek	UMTS 1900	RMC	A	23.95	1:1	0.225	30.43	
1852.40	9262	Left	Tilt	UMTS 1900	RMC	A	23.95	1:1	0.112	33.46	

Table A-6
DSI = 1 P_{Limit} Calculations – LTE Band 71 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim It	Overall Plim It
MHz	Ch.												(W/kg)		
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.175	31.89	31.89
680.50	133297	Mid	Right	Cheek	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.131	32.09	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.074	35.63	
680.50	133297	Mid	Right	Tilt	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.056	35.75	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.161	32.25	
680.50	133297	Mid	Left	Cheek	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.137	31.89	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.083	35.13	
680.50	133297	Mid	Left	Tilt	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.070	34.80	

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Table A-7
DSI = 1 P_{Limit} Calculations – LTE Band 12 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.206	31.39	31.39
707.50	23095	Mid	Right	Cheek	LTE Band 12	A	10	QPSK	25	12	23.51	1:1	0.162	31.41	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.083	35.32	
707.50	23095	Mid	Right	Tilt	LTE Band 12	A	10	QPSK	25	12	23.51	1:1	0.065	35.38	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.159	32.52	
707.50	23095	Mid	Left	Cheek	LTE Band 12	A	10	QPSK	25	12	23.51	1:1	0.125	32.54	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.082	35.41	
707.50	23095	Mid	Left	Tilt	LTE Band 12	A	10	QPSK	25	12	23.51	1:1	0.064	35.48	

Table A-8
DSI = 1 P_{Limit} Calculations – LTE Band 13 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.273	30.04	30.04
782.00	23230	Mid	Right	Cheek	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.210	30.27	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.147	32.73	
782.00	23230	Mid	Right	Tilt	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.107	33.20	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.218	31.02	
782.00	23230	Mid	Left	Cheek	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.171	31.16	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.141	32.91	
782.00	23230	Mid	Left	Tilt	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.113	32.96	

Table A-9
DSI = 1 P_{Limit} Calculations – LTE Band 14 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.283	29.74	29.74
793.00	23330	Mid	Right	Cheek	LTE Band 14	A	10	QPSK	25	0	23.21	1:1	0.200	30.20	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.151	32.47	
793.00	23330	Mid	Right	Tilt	LTE Band 14	A	10	QPSK	25	0	23.21	1:1	0.111	32.76	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.222	30.80	
793.00	23330	Mid	Left	Cheek	LTE Band 14	A	10	QPSK	25	0	23.21	1:1	0.170	30.91	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.134	32.99	
793.00	23330	Mid	Left	Tilt	LTE Band 14	A	10	QPSK	25	0	23.21	1:1	0.106	32.96	

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Table A-10
DSI = 1 P_{Limit} Calculations – LTE Band 26 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.												(W/kg)		
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.232	31.04	31.04
831.50	26865	Mid	Right	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	18	23.64	1:1	0.169	31.36	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.131	33.52	
831.50	26865	Mid	Right	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	18	23.64	1:1	0.089	34.17	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.163	32.57	
831.50	26865	Mid	Left	Cheek	LTE Band 26 (Cell)	A	15	QPSK	36	18	23.64	1:1	0.108	33.31	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.127	33.65	
831.50	26865	Mid	Left	Tilt	LTE Band 26 (Cell)	A	15	QPSK	36	18	23.64	1:1	0.086	34.30	

Table A-11
DSI = 1 P_{Limit} Calculations – LTE Band 5 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.												(W/kg)		
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.216	31.31	31.31
836.50	20525	Mid	Right	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.49	1:1	0.155	31.59	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.105	34.44	
836.50	20525	Mid	Right	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.49	1:1	0.076	34.68	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.170	32.35	
836.50	20525	Mid	Left	Cheek	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.49	1:1	0.122	32.63	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.130	33.51	
836.50	20525	Mid	Left	Tilt	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.49	1:1	0.099	33.56	

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Table A-12
DSI = 1 P_{Limit} Calculations – LTE Band 66 Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	0	23.70	1:1	0.162	31.60
1745.00	132322	Mid	Right	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	25	22.68	1:1	0.118	31.96
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	0	23.70	1:1	0.112	33.21
1745.00	132322	Mid	Right	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	25	22.68	1:1	0.095	32.90
1745.00	132322	Mid	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	1	0	23.70	1:1	0.274	29.32
1745.00	132322	Mid	Left	Cheek	LTE Band 66 (AWS)	A	20	QPSK	50	25	22.68	1:1	0.233	29.01
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	1	0	23.70	1:1	0.108	33.37
1745.00	132322	Mid	Left	Tilt	LTE Band 66 (AWS)	A	20	QPSK	50	25	22.68	1:1	0.081	33.60
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	99	16.56	1:1	0.477	19.77
1720.00	132072	Low	Right	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	16.49	1:1	0.481	19.67
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	16.56	1:1	0.468	19.86
1720.00	132072	Low	Right	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	16.49	1:1	0.484	19.64
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	1	99	16.56	1:1	0.318	21.54
1720.00	132072	Low	Left	Cheek	LTE Band 66 (AWS)	F	20	QPSK	50	50	16.49	1:1	0.324	21.38
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	1	99	16.56	1:1	0.397	20.57
1720.00	132072	Low	Left	Tilt	LTE Band 66 (AWS)	F	20	QPSK	50	50	16.49	1:1	0.404	20.43

Table A-13
DSI = 1 P_{Limit} Calculations – LTE Band 25 Head SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	50	23.92	1:1	0.149	32.19
1860.00	26140	Low	Right	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.96	1:1	0.123	32.06
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	50	23.92	1:1	0.095	34.14
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.96	1:1	0.076	34.15
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	1	50	23.92	1:1	0.228	30.34
1860.00	26140	Low	Left	Cheek	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.96	1:1	0.205	29.84
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	1	50	23.92	1:1	0.121	33.09
1860.00	26140	Low	Left	Tilt	LTE Band 25 (PCS)	A	20	QPSK	50	25	22.96	1:1	0.095	33.18
1882.50	26365	Mid	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.00	1:1	0.563	19.49
1882.50	26365	Mid	Right	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	0	16.88	1:1	0.566	19.35
1882.50	26365	Mid	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.00	1:1	0.571	19.43
1860.00	26140	Low	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.87	1:1	0.543	19.52
1882.50	26365	Mid	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	0	16.88	1:1	0.574	19.29
1905.00	26590	High	Right	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	50	16.62	1:1	0.504	19.60
1882.50	26365	Mid	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.00	1:1	0.339	21.70
1882.50	26365	Mid	Left	Cheek	LTE Band 25 (PCS)	F	20	QPSK	50	0	16.88	1:1	0.341	21.55
1882.50	26365	Mid	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	1	0	17.00	1:1	0.391	21.08
1882.50	26365	Mid	Left	Tilt	LTE Band 25 (PCS)	F	20	QPSK	50	0	16.88	1:1	0.392	20.95

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Table A-14
DSI = 1 P_{Limit} Calculations – LTE Band 30 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim It	Overall Plim It
MHz	Ch.												(W/kg)		
2310.00	27710	Mid	Right	Cheek	LTE Band 30	A	10	QPSK	1	25	21.98	1:1	0.051	34.90	34.78
2310.00	27710	Mid	Right	Cheek	LTE Band 30	A	10	QPSK	25	25	20.91	1:1	0.041	34.78	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	A	10	QPSK	1	25	21.98	1:1	0.048	35.17	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	A	10	QPSK	25	25	20.91	1:1	0.038	35.11	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	A	10	QPSK	1	25	21.98	1:1	0.046	35.35	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	A	10	QPSK	25	25	20.91	1:1	0.039	35.00	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	A	10	QPSK	1	25	21.98	1:1	0.045	35.45	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	A	10	QPSK	25	25	20.91	1:1	0.033	35.72	
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	1	0	15.06	1:1	0.380	19.26	18.76
2310.00	27710	Mid	Right	Cheek	LTE Band 30	F	10	QPSK	25	0	15.01	1:1	0.366	19.38	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	1	0	15.06	1:1	0.427	18.76	
2310.00	27710	Mid	Right	Tilt	LTE Band 30	F	10	QPSK	25	0	15.01	1:1	0.402	18.97	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	1	0	15.06	1:1	0.211	21.82	
2310.00	27710	Mid	Left	Cheek	LTE Band 30	F	10	QPSK	25	0	15.01	1:1	0.208	21.83	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	1	0	15.06	1:1	0.284	20.53	
2310.00	27710	Mid	Left	Tilt	LTE Band 30	F	10	QPSK	25	0	15.01	1:1	0.287	20.43	

Table A-15
DSI = 1 P_{Limit} Calculations – LTE Band 7 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.												(W/kg)		
2510.00	20850	Low	Right	Cheek	LTE Band 7	B	20	QPSK	1	0	22.87	1:1	0.047	36.15	32.66
2510.00	20850	Low	Right	Cheek	LTE Band 7	B	20	QPSK	50	25	21.90	1:1	0.037	36.22	
2510.00	20850	Low	Right	Tilt	LTE Band 7	B	20	QPSK	1	0	22.87	1:1	0.045	36.34	
2510.00	20850	Low	Right	Tilt	LTE Band 7	B	20	QPSK	50	25	21.90	1:1	0.029	37.28	
2510.00	20850	Low	Left	Cheek	LTE Band 7	B	20	QPSK	1	0	22.87	1:1	0.105	32.66	
2510.00	20850	Low	Left	Cheek	LTE Band 7	B	20	QPSK	50	25	21.90	1:1	0.074	33.21	
2510.00	20850	Low	Left	Tilt	LTE Band 7	B	20	QPSK	1	0	22.87	1:1	0.070	34.42	
2510.00	20850	Low	Left	Tilt	LTE Band 7	B	20	QPSK	50	25	21.90	1:1	0.046	35.27	
2535.00	21100	Mid	Right	Cheek	LTE Band 7	F	20	QPSK	1	50	13.85	1:1	0.477	17.06	16.36
2510.00	20850	Low	Right	Cheek	LTE Band 7	F	20	QPSK	50	25	13.87	1:1	0.433	17.51	
2535.00	21100	Mid	Right	Cheek	LTE Band 7	F	20	QPSK	50	50	13.88	1:1	0.493	16.95	
2560.00	21350	High	Right	Cheek	LTE Band 7	F	20	QPSK	50	50	13.80	1:1	0.554	16.36	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	F	20	QPSK	1	50	13.85	1:1	0.449	17.33	
2535.00	21100	Mid	Right	Tilt	LTE Band 7	F	20	QPSK	50	50	13.88	1:1	0.457	17.28	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	F	20	QPSK	1	50	13.85	1:1	0.244	19.98	
2535.00	21100	Mid	Left	Cheek	LTE Band 7	F	20	QPSK	50	50	13.88	1:1	0.257	19.78	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	F	20	QPSK	1	50	13.85	1:1	0.316	18.85	
2535.00	21100	Mid	Left	Tilt	LTE Band 7	F	20	QPSK	50	50	13.88	1:1	0.325	18.76	

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Table A-16
DSI = 1 P_{Limit} Calculations – LTE Band 41 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
MHz	Ch.												(W/kg)		
2506.00	39750	Low	Right	Cheek	LTE Band 41	B	20	QPSK	1	50	24.04	1:1.58	0.040	36.04	33.54
2506.00	39750	Low	Right	Cheek	LTE Band 41	B	20	QPSK	50	25	23.20	1:1.58	0.037	35.53	
2506.00	39750	Low	Right	Tilt	LTE Band 41	B	20	QPSK	1	50	24.04	1:1.58	0.031	37.14	
2506.00	39750	Low	Right	Tilt	LTE Band 41	B	20	QPSK	50	25	23.20	1:1.58	0.029	36.59	
2506.00	39750	Low	Left	Cheek	LTE Band 41	B	20	QPSK	1	50	24.04	1:1.58	0.071	33.54	
2506.00	39750	Low	Left	Cheek	LTE Band 41	B	20	QPSK	1	99	23.85	1:1.58	0.056	34.38	
2506.00	39750	Low	Left	Cheek	LTE Band 41	B	20	QPSK	50	25	23.20	1:1.58	0.055	33.81	
2506.00	39750	Low	Left	Tilt	LTE Band 41	B	20	QPSK	1	50	24.04	1:1.58	0.059	34.35	
2506.00	39750	Low	Left	Tilt	LTE Band 41	B	20	QPSK	50	25	23.20	1:1.58	0.049	34.31	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.50	1:1.58	0.485	17.66	16.76
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.71	1:1.58	0.582	17.08	
2593.00	40620	Mid	Right	Cheek	LTE Band 41	F	20	QPSK	1	0	16.69	1:1.58	0.617	16.80	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.52	1:1.58	0.492	17.62	
2680.00	41490	High	Right	Cheek	LTE Band 41	F	20	QPSK	1	99	16.63	1:1.58	0.479	17.84	
2506.00	39750	Low	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	16.62	1:1.58	0.487	17.76	
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	16.73	1:1.58	0.621	16.82	
2593.00	40620	Mid	Right	Cheek	LTE Band 41	F	20	QPSK	50	0	16.68	1:1.58	0.616	16.80	
2636.50	41055	Mid-High	Right	Cheek	LTE Band 41	F	20	QPSK	50	50	16.61	1:1.58	0.516	17.50	
2680.00	41490	High	Right	Cheek	LTE Band 41	F	20	QPSK	50	0	16.71	1:1.58	0.482	17.90	
2549.50	40185	Low-Mid	Right	Cheek	LTE Band 41	F	20	QPSK	100	0	16.68	1:1.58	0.604	16.89	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.50	1:1.58	0.449	17.99	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.71	1:1.58	0.579	17.10	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	F	20	QPSK	1	0	16.69	1:1.58	0.623	16.76	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.52	1:1.58	0.497	17.57	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	1	99	16.63	1:1.58	0.483	17.81	
2506.00	39750	Low	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	16.62	1:1.58	0.468	17.93	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	16.73	1:1.58	0.603	16.94	
2593.00	40620	Mid	Right	Tilt	LTE Band 41	F	20	QPSK	50	0	16.68	1:1.58	0.615	16.81	
2636.50	41055	Mid-High	Right	Tilt	LTE Band 41	F	20	QPSK	50	50	16.61	1:1.58	0.521	17.46	
2680.00	41490	High	Right	Tilt	LTE Band 41	F	20	QPSK	50	0	16.71	1:1.58	0.490	17.82	
2549.50	40185	Low-Mid	Right	Tilt	LTE Band 41	F	20	QPSK	100	0	16.68	1:1.58	0.588	17.00	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	F	20	QPSK	1	99	16.71	1:1.58	0.317	19.72	
2549.50	40185	Low-Mid	Left	Cheek	LTE Band 41	F	20	QPSK	50	50	16.73	1:1.58	0.320	19.69	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	F	20	QPSK	1	99	16.71	1:1.58	0.298	19.98	
2549.50	40185	Low-Mid	Left	Tilt	LTE Band 41	F	20	QPSK	50	50	16.73	1:1.58	0.278	20.31	

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Table A-17
DSI = 1 P_{Limit} Calculations – LTE Band 48 Head SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Test Position	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	1	0	18.23	1:1.58	0.406	20.16	20.06
3690.00	56640	High	Right	Cheek	LTE Band 48	F	20	QPSK	50	0	18.28	1:1.58	0.400	20.28	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	1	0	18.23	1:1.58	0.416	20.06	
3690.00	56640	High	Right	Tilt	LTE Band 48	F	20	QPSK	50	0	18.28	1:1.58	0.418	20.08	
3690.00	56640	High	Left	Cheek	LTE Band 48	F	20	QPSK	1	0	18.23	1:1.58	0.158	24.26	
3690.00	56640	High	Left	Cheek	LTE Band 48	F	20	QPSK	50	0	18.28	1:1.58	0.156	24.36	
3690.00	56640	High	Left	Tilt	LTE Band 48	F	20	QPSK	1	0	18.23	1:1.58	0.175	23.82	
3690.00	56640	High	Left	Tilt	LTE Band 48	F	20	QPSK	50	0	18.28	1:1.58	0.173	23.92	

Table A-18
DSI = 1 P_{Limit} Calculations – NR Band n71 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
														MHz		
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.151	32.89	32.58
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.161	32.58	
680.50	136100	Mid	Right	Cheek	NR Band n71	A	20	CP-OFDM	QPSK	1	1	23.19	1:1	0.106	32.94	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.074	35.99	
680.50	136100	Mid	Right	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.088	35.21	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.147	33.01	
680.50	136100	Mid	Left	Cheek	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.158	32.66	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.071	36.17	
680.50	136100	Mid	Left	Tilt	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.080	35.62	

Table A-19
DSI = 1 P_{Limit} Calculations – NR Band n12 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
														MHz		
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.169	32.65	31.95
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.196	31.95	
707.50	141500	Mid	Right	Cheek	NR Band n12	A	15	CP-OFDM	QPSK	1	1	23.43	1:1	0.128	32.36	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.111	34.48	
707.50	141500	Mid	Right	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.095	35.09	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.115	34.32	
707.50	141500	Mid	Left	Cheek	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.156	32.94	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.080	35.90	
707.50	141500	Mid	Left	Tilt	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.094	35.14	

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Table A-20
DSI = 1 P_{Limit} Calculations – NR Band n26 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.													(W/kg)		
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.182	32.37	32.37
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.168	32.62	
831.50	166300	Mid	Right	Cheek	NR Band n26	A	20	CP-OFDM	QPSK	1	1	23.21	1:1	0.104	33.04	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.109	34.60	
831.50	166300	Mid	Right	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.102	34.78	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.150	33.21	
831.50	166300	Mid	Left	Cheek	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.137	33.50	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.095	35.19	
831.50	166300	Mid	Left	Tilt	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.076	36.06	

Table A-21
DSI = 1 P_{Limit} Calculations – NR Band n66 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.99	1:1	0.142	32.47	29.96
1745.00	349000	Mid	Right	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.99	1:1	0.126	32.99	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.99	1:1	0.106	33.74	
1745.00	349000	Mid	Right	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.99	1:1	0.099	34.03	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.99	1:1	0.249	30.03	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.99	1:1	0.225	30.47	
1745.00	349000	Mid	Left	Cheek	NR Band n66	A	40	CP-OFDM	QPSK	1	1	22.24	1:1	0.169	29.96	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	23.99	1:1	0.049	37.09	
1745.00	349000	Mid	Left	Tilt	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	23.99	1:1	0.051	36.91	
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	16.90	1:1	0.573	19.32	18.96
1745.00	349000	Mid	Right	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	17.10	1:1	0.592	19.38	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	16.90	1:1	0.590	19.19	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	17.10	1:1	0.610	19.25	
1745.00	349000	Mid	Right	Tilt	NR Band n66	F	40	CP-OFDM	QPSK	1	1	16.90	1:1	0.623	18.96	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	16.90	1:1	0.367	21.25	
1745.00	349000	Mid	Left	Cheek	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	17.10	1:1	0.368	21.44	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	16.90	1:1	0.476	20.12	
1745.00	349000	Mid	Left	Tilt	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	17.10	1:1	0.496	20.15	

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Table A-22
DSI = 1 P_{Limit} Calculations – NR Band n25 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.													(W/kg)		
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.64	1:1	0.118	32.92	29.74
1882.50	376500	Mid	Right	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.61	1:1	0.122	32.75	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.64	1:1	0.087	34.25	
1882.50	376500	Mid	Right	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.61	1:1	0.078	34.69	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.64	1:1	0.239	29.86	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.61	1:1	0.244	29.74	
1882.50	376500	Mid	Left	Cheek	NR Band n25	A	40	CP-OFDM	QPSK	1	1	22.18	1:1	0.165	30.01	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	23.64	1:1	0.112	33.15	
1882.50	376500	Mid	Left	Tilt	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	54	23.61	1:1	0.084	34.37	18.17
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	16.00	1:1	0.566	18.47	
1882.50	376500	Mid	Right	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	15.91	1:1	0.567	18.37	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	16.00	1:1	0.585	18.33	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	15.91	1:1	0.585	18.24	
1882.50	376500	Mid	Right	Tilt	NR Band n25	F	40	CP-OFDM	QPSK	1	1	15.84	1:1	0.585	18.17	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	16.00	1:1	0.332	20.79	
1882.50	376500	Mid	Left	Cheek	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	15.91	1:1	0.333	20.69	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	16.00	1:1	0.427	19.70	
1882.50	376500	Mid	Left	Tilt	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	0	15.91	1:1	0.429	19.59	

Table A-23
DSI = 1 P_{Limit} Calculations – NR Band n30 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
														MHz		
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	22.14	1:1	0.050	35.15	34.52
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	21.67	1:1	0.048	34.86	
2310.00	462000	Mid	Right	Cheek	NR Band n30	A	10	CP-OFDM	QPSK	1	1	20.43	1:1	0.039	34.52	
2310.00	462000	Mid	Right	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	22.14	1:1	0.023	38.52	
2310.00	462000	Mid	Right	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	21.67	1:1	0.025	37.69	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	22.14	1:1	0.036	36.58	
2310.00	462000	Mid	Left	Cheek	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	21.67	1:1	0.035	36.23	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	50	22.14	1:1	0.032	37.09	
2310.00	462000	Mid	Left	Tilt	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	21.67	1:1	0.032	36.62	17.65
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.00	1:1	0.482	18.17	
2310.00	462000	Mid	Right	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	14.94	1:1	0.480	18.13	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.00	1:1	0.533	17.73	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	14.94	1:1	0.529	17.71	
2310.00	462000	Mid	Right	Tilt	NR Band n30	F	10	CP-OFDM	QPSK	1	1	14.97	1:1	0.539	17.65	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.00	1:1	0.276	20.59	
2310.00	462000	Mid	Left	Cheek	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	14.94	1:1	0.278	20.50	
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	15.00	1:1	0.404	18.94	18.94
2310.00	462000	Mid	Left	Tilt	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	14	14.94	1:1	0.398	18.94	

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Table A-24
DSI = 1 P_{Limit} Calculations – NR Band n41 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
														(W/kg)		
MHz	Ch.															
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.017	37.12	31.77
2592.99	518598	Mid	Right	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.020	36.33	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.022	36.00	
2592.99	518598	Mid	Right	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.023	35.72	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.036	33.86	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.044	32.91	
2592.99	518598	Mid	Left	Cheek	NR Band n41	B	100	CP-OFDM	QPSK	1	1	19.09	1:1	0.054	31.77	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.028	34.95	
2592.99	518598	Mid	Left	Tilt	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.029	34.72	
2592.99	518598	Mid	Right	Cheek	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.465	18.94	17.46
2592.99	518598	Mid	Right	Tilt	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.653	17.46	
2592.99	518598	Mid	Left	Cheek	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.181	23.03	
2592.99	518598	Mid	Left	Tilt	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.267	21.35	
2592.99	518598	Mid	Right	Cheek	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.228	23.18	18.93
2592.99	518598	Mid	Right	Tilt	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.185	24.09	
2592.99	518598	Mid	Left	Cheek	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.607	18.93	
2592.99	518598	Mid	Left	Tilt	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.453	20.20	
2592.99	518598	Mid	Right	Cheek	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.000	57.47	57.47
2592.99	518598	Mid	Right	Tilt	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.000	57.47	
2592.99	518598	Mid	Left	Cheek	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.000	57.47	
2592.99	518598	Mid	Left	Tilt	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.000	57.47	

Table A-25
DSI = 1 P_{Limit} Calculations – NR Band n48 Head SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plimit
														(W/kg)		
3679.98	645332	High	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	16.59	1:1	0.493	19.66	19.25
3679.98	645332	High	Right	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	16.36	1:1	0.497	19.40	
3679.98	645332	High	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	16.59	1:1	0.491	19.68	
3679.98	645332	High	Right	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	16.36	1:1	0.498	19.39	
3679.98	645332	High	Right	Tilt	NR Band n48	F	40	CP-OFDM	QPSK	1	1	16.35	1:1	0.513	19.25	
3679.98	645332	High	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	16.59	1:1	0.220	23.17	
3679.98	645332	High	Left	Cheek	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	16.36	1:1	0.214	23.06	
3679.98	645332	High	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	16.59	1:1	0.249	22.63	
3679.98	645332	High	Left	Tilt	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	16.36	1:1	0.261	22.19	

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Table A-26
DSI = 1 P_{Limit} Calculations – NR Band n77 Head SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Test Position	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	15.12	1:1	0.329	19.95
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	15.00	1:1	0.343	19.65
3930.00	662000	High	Right	Cheek	NR Band n77	F	100	CP-OFDM	QPSK	1	1	15.18	1:1	0.319	20.14
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	14.77	1:1	0.377	19.01
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	15.12	1:1	0.311	20.19
3930.00	662000	High	Right	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	15.00	1:1	0.315	20.02
3930.00	662000	High	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	15.12	1:1	0.146	23.48
3930.00	662000	High	Left	Cheek	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	15.00	1:1	0.157	23.04
3930.00	662000	High	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	15.12	1:1	0.152	23.30
3930.00	662000	High	Left	Tilt	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	15.00	1:1	0.159	22.99
3750.00	650000	Low	Right	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.93	1:1	0.007	35.48
3750.00	650000	Low	Right	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.93	1:1	0.016	31.89
3750.00	650000	Low	Left	Cheek	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.93	1:1	0.032	28.88
3500.01	633334	Mid	Left	Cheek	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	13.70	1:1	0.013	32.56
3750.00	650000	Low	Left	Tilt	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	13.93	1:1	0.005	36.94
3750.00	650000	Low	Right	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	16.39	1:1	0.383	20.56
3930.00	662000	High	Right	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	17.03	1:1	0.435	20.65
3500.01	633334	Mid	Right	Cheek	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.00	1:1	0.525	18.80
3930.00	662000	High	Right	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	17.03	1:1	0.014	35.57
3930.00	662000	High	Left	Cheek	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	17.03	1:1	0.294	22.35
3930.00	662000	High	Left	Tilt	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	17.03	1:1	0.000	57.03
3930.00	662000	High	Right	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	12.07	1:1	0.005	35.08
3930.00	662000	High	Right	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	12.07	1:1	0.016	30.03
3500.01	633334	Mid	Right	Tilt	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	11.95	1:1	0.000	51.95
3930.00	662000	High	Left	Cheek	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	12.07	1:1	0.002	39.06
3930.00	662000	High	Left	Tilt	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	12.07	1:1	0.000	52.07

Table A-27
DSI = 0 P_{Limit} Calculations – GSM Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
848.80	251	back	10 mm	GSM 850	GSM	A	32.20	1:8.3	0.304	28.17	28.17
1880.00	661	back	10 mm	GSM 1900	GSM	A	29.58	1:8.3	0.125	29.41	29.41

Table A-28
DSI = 0 P_{Limit} Calculations – UMTS Body-Worn SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	back	10 mm	UMTS 850	RMC	A	24.85	1:1	0.459	28.23	28.23
1752.60	1513	back	10 mm	UMTS 1750	RMC	A	19.85	1:1	0.478	23.06	23.06
1852.40	9262	back	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.176	26.86	26.86

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Table A-29
DSI = 0 P_{Limit} Calculations – 4G Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
													(W/kg)		
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.359	28.77	28.62
680.50	133297	Mid	back	10 mm	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.291	28.62	
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.466	27.85	27.85
707.50	23095	Mid	back	10 mm	LTE Band 12	A	10	QPSK	25	12	23.51	1:1	0.354	28.02	
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.517	27.27	27.27
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.396	27.51	
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.497	27.30	27.30
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	25	0	23.21	1:1	0.387	27.33	
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.570	27.13	27.13
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	18	23.64	1:1	0.412	27.49	
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.537	27.35	27.35
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	23.49	1:1	0.411	27.35	
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.83	1:1	0.536	22.54	22.54
1745.00	132322	Mid	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	0.513	23.02	
1770.00	132572	High	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	19.99	1:1	0.447	23.49	
1745.00	132322	Mid	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.502	23.15	
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.225	26.45	26.27
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.96	1:1	0.234	26.27	
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.328	24.17	23.79
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	0.351	23.79	
1882.50	26365	Mid	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.33	1:1	0.158	27.34	27.34
1882.50	26365	Mid	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.154	27.50	
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.327	22.34	22.34
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	0.313	22.52	
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.217	26.63	26.58
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	25	0	19.92	1:1	0.216	26.58	
2510.00	20850	Low	back	10 mm	LTE Band 7	B	20	QPSK	1	50	18.83	1:1	0.348	23.41	23.41
2510.00	20850	Low	back	10 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	0.350	23.43	
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.151	26.44	26.38
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	50	25	18.20	1:1	0.152	26.38	
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	1	0	21.18	1:1.58	0.379	23.41	23.29
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	0.392	23.29	
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	50	21.18	1:1.58	0.387	23.32	
2680.00	41490	High	back	10 mm	LTE Band 41	F	20	QPSK	1	0	21.13	1:1.58	0.132	27.94	27.94
2680.00	41490	High	back	10 mm	LTE Band 41	F	20	QPSK	1	50	21.28	1:1.58	0.132	28.09	
2680.00	41490	High	back	10 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.134	28.14	
3560.00	55340	Low	back	10 mm	LTE Band 48	F	20	QPSK	1	50	20.23	1:1.58	0.164	26.10	26.06
3560.00	55340	Low	back	10 mm	LTE Band 48	F	20	QPSK	1	99	20.09	1:1.58	0.160	26.06	
3560.00	55340	Low	back	10 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.165	26.11	

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Table A-30
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY		Side	Spacing	Mode	Antenna Config	Serial Number	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	136100	Mid	back	10 mm	NR Band n71	A	26192	20	DFT-S-OFDM	QPSK	1	1	1:1	24.68	0.384	28.84
680.50	136100	Mid	back	10 mm	NR Band n71	A	26192	20	DFT-S-OFDM	QPSK	50	28	1:1	24.65	0.374	28.92
680.50	136100	Mid	back	10 mm	NR Band n71	A	26192	20	CP-OFDM	QPSK	1	1	1:1	23.19	0.269	28.89
707.50	141500	Mid	back	10 mm	NR Band n12	A	26192	15	DFT-S-OFDM	QPSK	1	77	1:1	24.93	0.380	29.13
707.50	141500	Mid	back	10 mm	NR Band n12	A	26192	15	DFT-S-OFDM	QPSK	36	22	1:1	24.87	0.443	28.41
707.50	141500	Mid	back	10 mm	NR Band n12	A	26192	15	CP-OFDM	QPSK	1	1	1:1	23.43	0.282	28.93
831.50	166300	Mid	back	10 mm	NR Band n26	A	26374	20	DFT-S-OFDM	QPSK	1	104	1:1	24.97	0.418	28.76
831.50	166300	Mid	back	10 mm	NR Band n26	A	26374	20	DFT-S-OFDM	QPSK	50	28	1:1	24.87	0.403	28.82
831.50	166300	Mid	back	10 mm	NR Band n26	A	26374	20	CP-OFDM	QPSK	1	1	1:1	23.21	0.209	30.01
1745.00	349000	Mid	back	10 mm	NR Band n66	A	25772	40	DFT-S-OFDM	QPSK	1	108	1:1	20.91	0.662	22.70
1745.00	349000	Mid	back	10 mm	NR Band n66	A	25772	40	DFT-S-OFDM	QPSK	108	54	1:1	20.81	0.655	22.65
1745.00	349000	Mid	back	10 mm	NR Band n66	A	25772	40	CP-OFDM	QPSK	1	1	1:1	20.60	0.536	23.31
1745.00	349000	Mid	back	10 mm	NR Band n66	F	26549	40	DFT-S-OFDM	QPSK	1	108	1:1	20.03	0.242	26.19
1745.00	349000	Mid	back	10 mm	NR Band n66	F	26549	40	DFT-S-OFDM	QPSK	108	54	1:1	20.03	0.245	26.14
1745.00	349000	Mid	back	10 mm	NR Band n66	F	26549	40	CP-OFDM	QPSK	1	1	1:1	20.05	0.295	25.35
1882.50	376500	Mid	back	10 mm	NR Band n25	A	25772	40	DFT-S-OFDM	QPSK	1	1	1:1	18.97	0.199	25.98
1882.50	376500	Mid	back	10 mm	NR Band n25	A	25772	40	DFT-S-OFDM	QPSK	108	0	1:1	18.98	0.204	25.88
1882.50	376500	Mid	back	10 mm	NR Band n25	A	25772	40	CP-OFDM	QPSK	1	1	1:1	18.98	0.192	26.15
1882.50	376500	Mid	back	10 mm	NR Band n25	F	26549	40	DFT-S-OFDM	QPSK	1	108	1:1	19.48	0.227	25.92
1882.50	376500	Mid	back	10 mm	NR Band n25	F	26549	40	DFT-S-OFDM	QPSK	108	108	1:1	19.31	0.219	25.91
1882.50	376500	Mid	back	10 mm	NR Band n25	F	26549	40	CP-OFDM	QPSK	1	1	1:1	19.13	0.243	25.27
2310.00	462000	Mid	back	10 mm	NR Band n30	A	26549	10	DFT-S-OFDM	QPSK	1	1	1:1	17.31	0.227	23.75
2310.00	462000	Mid	back	10 mm	NR Band n30	A	26549	10	DFT-S-OFDM	QPSK	25	14	1:1	17.27	0.232	23.62
2310.00	462000	Mid	back	10 mm	NR Band n30	A	26549	10	CP-OFDM	QPSK	1	1	1:1	17.38	0.225	23.86
2310.00	462000	Mid	back	10 mm	NR Band n30	F	26549	10	DFT-S-OFDM	QPSK	1	26	1:1	20.80	0.338	25.51
2310.00	462000	Mid	back	10 mm	NR Band n30	F	26549	10	DFT-S-OFDM	QPSK	25	27	1:1	20.71	0.335	25.46
2310.00	462000	Mid	back	10 mm	NR Band n30	F	26549	10	CP-OFDM	QPSK	1	1	1:1	20.80	0.352	25.34

Table A-31
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.385	23.57	22.77
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.387	23.46	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	19.09	1:1	0.429	22.77	
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.098	25.70	25.70
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.057	29.20	29.20
2592.99	518598	Mid	back	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.104	27.30	27.30
3679.98	645332	High	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.141	27.13	26.87
3679.98	645332	High	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	18.39	1:1	0.142	26.87	
3679.98	645332	High	back	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.37	1:1	0.140	26.91	

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Table A-32
DSI = 0 P_{Limit} Calculations – 5G Body-Worn SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.56	1:1	0.136	27.23
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.52	1:1	0.130	27.38
3930.00	662000	High	back	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.34	1:1	0.126	27.34
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.23	1:1	0.167	26.00
3750.00	650000	Low	back	10 mm	NR Band n77	C	100	CW/SRS	N/A	NA	NA	14.94	1:1	0.056	27.46
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	NA	NA	14.73	1:1	0.034	29.42
3930.00	662000	High	back	10 mm	NR Band n77	I	100	CW/SRS	N/A	NA	NA	18.08	1:1	0.055	30.68
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	NA	NA	16.62	1:1	0.093	26.94
3930.00	662000	High	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	NA	NA	13.08	1:1	0.189	20.32
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	NA	NA	13.00	1:1	0.254	18.95

Table A-33
DSI = 2 P_{Limit} Calculations – GPRS Hotspot SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
824.20	128	back	10 mm	GSM 850	GPRS	A	3	28.81	1:2.76	0.391	28.46	28.04
836.60	190	back	10 mm	GSM 850	GPRS	A	3	28.83	1:2.76	0.411	28.26	
848.80	251	back	10 mm	GSM 850	GPRS	A	3	29.37	1:2.76	0.490	28.04	
848.80	251	front	10 mm	GSM 850	GPRS	A	3	29.37	1:2.76	0.434	28.57	
848.80	251	bottom	10 mm	GSM 850	GPRS	A	3	29.37	1:2.76	0.288	30.35	
848.80	251	right	10 mm	GSM 850	GPRS	A	3	29.37	1:2.76	0.356	29.43	
848.80	251	left	10 mm	GSM 850	GPRS	A	3	29.37	1:2.76	0.096	35.12	
1909.80	810	back	10 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.144	29.04	25.91
1909.80	810	front	10 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.142	29.10	
1909.80	810	bottom	10 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.296	25.91	
1909.80	810	right	10 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.040	34.60	
1909.80	810	left	10 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.074	31.93	

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Table A-34
DSI = 2 P_{Limit} Calculations –UMTS Hotspot SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	back	10 mm	UMTS 850	RMC	A	24.85	1:1	0.459	28.23	28.23
846.60	4233	front	10 mm	UMTS 850	RMC	A	24.85	1:1	0.387	28.97	
846.60	4233	bottom	10 mm	UMTS 850	RMC	A	24.85	1:1	0.250	30.87	
846.60	4233	right	10 mm	UMTS 850	RMC	A	24.85	1:1	0.294	30.17	
846.60	4233	left	10 mm	UMTS 850	RMC	A	24.85	1:1	0.089	35.34	
1752.60	1513	back	10 mm	UMTS 1750	RMC	A	19.85	1:1	0.478	23.06	20.56
1752.60	1513	front	10 mm	UMTS 1750	RMC	A	19.85	1:1	0.404	23.79	
1712.40	1312	bottom	10 mm	UMTS 1750	RMC	A	19.79	1:1	0.685	21.43	
1732.40	1412	bottom	10 mm	UMTS 1750	RMC	A	19.84	1:1	0.766	21.00	
1752.60	1513	bottom	10 mm	UMTS 1750	RMC	A	19.85	1:1	0.850	20.56	
1752.60	1513	right	10 mm	UMTS 1750	RMC	A	19.85	1:1	0.070	31.40	
1752.60	1513	left	10 mm	UMTS 1750	RMC	A	19.85	1:1	0.133	28.61	
1852.40	9262	back	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.176	26.86	23.01
1852.40	9262	front	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.185	26.65	
1852.40	9262	bottom	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.428	23.01	
1852.40	9262	right	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.063	31.33	
1852.40	9262	left	10 mm	UMTS 1900	RMC	A	19.32	1:1	0.120	28.53	

Table A-35
DSI = 2 P_{Limit} Calculations – LTE Band 71 Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
680.50	133297	Mid	back	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.359	28.77	28.50
680.50	133297	Mid	back	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.291	28.62	
680.50	133297	Mid	front	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.273	29.96	
680.50	133297	Mid	front	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.231	29.62	
680.50	133297	Mid	bottom	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.091	34.75	
680.50	133297	Mid	bottom	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.066	35.07	
680.50	133297	Mid	right	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.313	29.36	
680.50	133297	Mid	right	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.233	29.59	
680.50	133297	Mid	left	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.355	28.82	
680.50	133297	Mid	left	LTE Band 71	A	20	QPSK	50	25	23.26	1:1	0.299	28.50	

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Table A-36
DSI = 2 P_{Limit} Calculations – LTE Band 12 Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY			Side	Spacing	Mode	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
707.50	23095	Mid	back	10 mm	LTE Band 12	10	QPSK	1	25	24.53	1:1	0.466	27.85	27.85
707.50	23095	Mid	back	10 mm	LTE Band 12	10	QPSK	25	12	23.51	1:1	0.354	28.02	
707.50	23095	Mid	front	10 mm	LTE Band 12	10	QPSK	1	25	24.53	1:1	0.363	28.93	
707.50	23095	Mid	front	10 mm	LTE Band 12	10	QPSK	25	12	23.51	1:1	0.274	29.13	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	10	QPSK	1	25	24.53	1:1	0.175	32.10	
707.50	23095	Mid	bottom	10 mm	LTE Band 12	10	QPSK	25	12	23.51	1:1	0.131	32.34	
707.50	23095	Mid	right	10 mm	LTE Band 12	10	QPSK	1	25	24.53	1:1	0.285	29.98	
707.50	23095	Mid	right	10 mm	LTE Band 12	10	QPSK	25	12	23.51	1:1	0.217	30.15	
707.50	23095	Mid	left	10 mm	LTE Band 12	10	QPSK	1	25	24.53	1:1	0.284	30.00	
707.50	23095	Mid	left	10 mm	LTE Band 12	10	QPSK	25	12	23.51	1:1	0.218	30.13	

Table A-37
DSI = 2 P_{Limit} Calculations – LTE Band 13 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.517	27.27	27.27
782.00	23230	Mid	back	10 mm	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.396	27.51	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.402	28.36	
782.00	23230	Mid	front	10 mm	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.308	28.60	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.199	31.41	
782.00	23230	Mid	bottom	10 mm	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.152	31.67	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.370	28.72	
782.00	23230	Mid	right	10 mm	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.298	28.75	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.194	31.52	
782.00	23230	Mid	left	10 mm	LTE Band 13	A	10	QPSK	25	0	23.49	1:1	0.150	31.73	

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Table A-38
DSI = 2 P_{Limit} Calculations – LTE Band 14 Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	1	25	1:1	0.497	27.30	27.30
793.00	23330	Mid	back	10 mm	LTE Band 14	A	10	QPSK	25	0	1:1	0.387	27.33	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	1	25	1:1	0.308	29.37	
793.00	23330	Mid	front	10 mm	LTE Band 14	A	10	QPSK	25	0	1:1	0.248	29.27	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	1	25	1:1	0.175	31.83	
793.00	23330	Mid	bottom	10 mm	LTE Band 14	A	10	QPSK	25	0	1:1	0.137	31.84	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	1	25	1:1	0.372	28.55	
793.00	23330	Mid	right	10 mm	LTE Band 14	A	10	QPSK	25	0	1:1	0.287	28.63	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	10	QPSK	1	25	1:1	0.193	31.40	
793.00	23330	Mid	left	10 mm	LTE Band 14	A	10	QPSK	25	0	1:1	0.154	31.33	

Table A-39
DSI = 2 P_{Limit} Calculations – LTE Band 26 Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	1:1	0.570	27.13	27.13
831.50	26865	Mid	back	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	18	1:1	0.412	27.49	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	1:1	0.448	28.18	
831.50	26865	Mid	front	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	18	1:1	0.326	28.51	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	1:1	0.279	30.23	
831.50	26865	Mid	bottom	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	18	1:1	0.212	30.38	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	1:1	0.161	32.62	
831.50	26865	Mid	right	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	18	1:1	0.135	32.34	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	1:1	0.089	35.20	
831.50	26865	Mid	left	10 mm	LTE Band 26 (Cell)	A	15	QPSK	36	18	1:1	0.067	35.39	

Table A-40
DSI = 2 P_{Limit} Calculations – LTE Band 5 Hotspot SAR

MEASUREMENT RESULTS														
FREQUENCY		Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.											(W/kg)		
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	1:1	0.537	27.35	27.35
836.50	20525	Mid	back	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	1:1	0.411	27.35	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	1:1	0.425	28.37	
836.50	20525	Mid	front	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	1:1	0.332	28.28	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	1:1	0.301	29.86	
836.50	20525	Mid	bottom	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	1:1	0.236	29.76	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	1:1	0.205	31.53	
836.50	20525	Mid	right	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	1:1	0.162	31.39	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	1:1	0.091	35.08	
836.50	20525	Mid	left	10 mm	LTE Band 5 (Cell)	A	10	QPSK	25	25	1:1	0.066	35.28	

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Table A-41
DSI = 2 P_{Limit} Calculations – LTE Band 66 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit	
													(W/kg)			
1745.00	132322	Mid	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	0.513	23.02	20.37	
1745.00	132322	Mid	back	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.502	23.15		
1745.00	132322	Mid	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	0.438	23.71		
1745.00	132322	Mid	front	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.431	23.82		
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.83	1:1	0.883	20.37		
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	0.917	20.50		
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	19.99	1:1	0.860	20.65		
1720.00	132072	Low	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	25	19.94	1:1	0.871	20.54		
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.949	20.39		
1770.00	132572	High	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.00	1:1	0.905	20.43		
1745.00	132322	Mid	bottom	10 mm	LTE Band 66 (AWS)	A	20	QPSK	100	0	20.10	1:1	0.908	20.52		
1745.00	132322	Mid	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	0.068	31.79		
1745.00	132322	Mid	right	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.072	31.59		
1745.00	132322	Mid	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	0.222	26.66		
1745.00	132322	Mid	left	10 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.225	26.64		
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.225	26.45	22.29	
1720.00	132072	Low	back	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.96	1:1	0.234	26.27		
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.253	25.94		
1720.00	132072	Low	front	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.96	1:1	0.264	25.74		
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.565	22.45		
1720.00	132072	Low	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.96	1:1	0.585	22.29		
1745.00	132322	Mid	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.93	1:1	0.536	22.64		
1770.00	132572	High	top	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.63	1:1	0.463	22.97		
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.122	29.11		
1720.00	132072	Low	left	10 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.96	1:1	0.128	28.89		

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Table A-42
DSI = 2 P_{Limit} Calculations – LTE Band 25 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.328	24.17	20.56
1860.00	26140	Low	back	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	0.351	23.79	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.294	24.65	
1860.00	26140	Low	front	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	0.318	24.22	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.539	22.01	
1860.00	26140	Low	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	0.561	21.75	
1882.50	26365	Mid	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	50	19.03	1:1	0.641	20.96	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	0	18.95	1:1	0.671	20.68	
1905.00	26590	High	bottom	10 mm	LTE Band 25 (PCS)	A	20	QPSK	100	0	19.02	1:1	0.702	20.56	
1860.00	26140	Low	right	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.078	30.41	
1860.00	26140	Low	right	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	0.073	30.61	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.115	28.72	
1860.00	26140	Low	left	10 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	0.122	28.38	
1882.50	26365	Mid	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.33	1:1	0.158	27.34	22.48
1882.50	26365	Mid	back	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.154	27.50	
1882.50	26365	Mid	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.33	1:1	0.160	27.29	
1882.50	26365	Mid	front	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.169	27.10	
1860.00	26140	Low	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.11	1:1	0.460	22.48	
1882.50	26365	Mid	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.33	1:1	0.462	22.68	
1905.00	26590	High	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.14	1:1	0.416	22.95	
1882.50	26365	Mid	top	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.457	22.78	
1882.50	26365	Mid	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.33	1:1	0.051	32.25	
1882.50	26365	Mid	left	10 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.049	32.48	

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Table A-43
DSI = 2 P_{Limit} Calculations – LTE Band 30 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.327	22.34	19.44
2310.00	27710	Mid	back	10 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	0.313	22.52	
2310.00	27710	Mid	front	10 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.314	22.52	
2310.00	27710	Mid	front	10 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	0.304	22.65	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.639	19.44	
2310.00	27710	Mid	bottom	10 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	0.622	19.54	
2310.00	27710	Mid	right	10 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.030	32.72	
2310.00	27710	Mid	right	10 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	0.029	32.86	
2310.00	27710	Mid	left	10 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.008	38.46	
2310.00	27710	Mid	left	10 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	0.007	39.03	
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.217	26.63	23.89
2310.00	27710	Mid	back	10 mm	LTE Band 30	F	10	QPSK	25	0	19.92	1:1	0.216	26.58	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.197	27.05	
2310.00	27710	Mid	front	10 mm	LTE Band 30	F	10	QPSK	25	0	19.92	1:1	0.197	26.98	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.404	23.93	
2310.00	27710	Mid	top	10 mm	LTE Band 30	F	10	QPSK	25	0	19.92	1:1	0.401	23.89	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.028	35.52	
2310.00	27710	Mid	left	10 mm	LTE Band 30	F	10	QPSK	25	0	19.92	1:1	0.028	35.45	

Table A-44
DSI = 2 P_{Limit} Calculations – LTE Band 7 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2510.00	20850	Low	back	10 mm	LTE Band 7	B	20	QPSK	1	50	18.83	1:1	0.348	23.41	22.43
2510.00	20850	Low	back	10 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	0.350	23.43	
2510.00	20850	Low	front	10 mm	LTE Band 7	B	20	QPSK	1	50	18.83	1:1	0.277	24.41	
2510.00	20850	Low	front	10 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	0.276	24.46	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	20	QPSK	1	50	18.83	1:1	0.437	22.43	
2510.00	20850	Low	bottom	10 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	0.438	22.46	
2510.00	20850	Low	left	10 mm	LTE Band 7	B	20	QPSK	1	50	18.83	1:1	0.167	26.60	
2510.00	20850	Low	left	10 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	0.168	26.62	
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.151	26.44	22.30
2510.00	20850	Low	back	10 mm	LTE Band 7	F	20	QPSK	50	25	18.20	1:1	0.152	26.38	
2510.00	20850	Low	front	10 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.158	26.24	
2510.00	20850	Low	front	10 mm	LTE Band 7	F	20	QPSK	50	25	18.20	1:1	0.158	26.21	
2510.00	20850	Low	top	10 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.382	22.41	
2510.00	20850	Low	top	10 mm	LTE Band 7	F	20	QPSK	50	25	18.20	1:1	0.389	22.30	
2510.00	20850	Low	left	10 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.039	32.32	
2510.00	20850	Low	left	10 mm	LTE Band 7	F	20	QPSK	50	25	18.20	1:1	0.038	32.40	

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Table A-45
DSI = 2 P_{Limit} Calculations – LTE Band 41 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
													MHz		
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	1	0	21.18	1:1.58	0.379	23.41	20.35
2593.00	40620	Mid	back	10 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	0.392	23.29	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	1	0	21.18	1:1.58	0.348	23.78	
2593.00	40620	Mid	front	10 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	0.346	23.84	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	21.02	1:1.58	0.441	22.59	
2549.50	40185	Low-Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	21.01	1:1.58	0.387	23.15	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	1	0	21.18	1:1.58	0.684	20.85	
2636.50	41055	Mid-High	bottom	10 mm	LTE Band 41	B	20	QPSK	1	50	21.07	1:1.58	0.624	21.13	
2680.00	41490	High	bottom	10 mm	LTE Band 41	B	20	QPSK	1	0	21.03	1:1.58	0.741	20.35	
2506.00	39750	Low	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	21.18	1:1.58	0.452	22.64	
2549.50	40185	Low-Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	21.09	1:1.58	0.394	23.15	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	0.699	20.78	
2636.50	41055	Mid-High	bottom	10 mm	LTE Band 41	B	20	QPSK	50	50	21.16	1:1.58	0.632	21.17	
2680.00	41490	High	bottom	10 mm	LTE Band 41	B	20	QPSK	50	50	21.09	1:1.58	0.690	20.72	
2593.00	40620	Mid	bottom	10 mm	LTE Band 41	B	20	QPSK	100	0	21.13	1:1.58	0.686	20.78	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	20	QPSK	1	0	21.18	1:1.58	0.168	26.94	
2593.00	40620	Mid	left	10 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	0.165	27.05	
2680.00	41490	High	back	10 mm	LTE Band 41	F	20	QPSK	1	50	21.28	1:1.58	0.132	28.09	23.28
2680.00	41490	High	back	10 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.134	28.14	
2680.00	41490	High	front	10 mm	LTE Band 41	F	20	QPSK	1	50	21.28	1:1.58	0.149	27.56	
2680.00	41490	High	front	10 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.147	27.73	
2680.00	41490	High	top	10 mm	LTE Band 41	F	20	QPSK	1	0	21.13	1:1.58	0.386	23.28	
2680.00	41490	High	top	10 mm	LTE Band 41	F	20	QPSK	1	50	21.28	1:1.58	0.390	23.39	
2680.00	41490	High	top	10 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.386	23.54	
2680.00	41490	High	left	10 mm	LTE Band 41	F	20	QPSK	1	50	21.28	1:1.58	0.030	34.52	
2680.00	41490	High	left	10 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.029	34.78	

Table A-46
DSI = 2 P_{Limit} Calculations – LTE Band 48 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3560.00	55340	Low	back	10 mm	LTE Band 48	F	20	QPSK	1	50	20.23	1:1.58	0.164	26.10	25.82
3560.00	55340	Low	back	10 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.165	26.11	
3560.00	55340	Low	front	10 mm	LTE Band 48	F	20	QPSK	1	50	20.23	1:1.58	0.044	31.81	
3560.00	55340	Low	front	10 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.035	32.85	
3560.00	55340	Low	top	10 mm	LTE Band 48	F	20	QPSK	1	50	20.23	1:1.58	0.175	25.82	
3560.00	55340	Low	top	10 mm	LTE Band 48	F	20	QPSK	1	99	20.09	1:1.58	0.165	25.93	
3560.00	55340	Low	top	10 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.163	26.16	
3560.00	55340	Low	left	10 mm	LTE Band 48	F	20	QPSK	1	50	20.23	1:1.58	0.014	36.78	
3560.00	55340	Low	left	10 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.016	36.24	

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Table A-47
DSI = 2 P_{Limit} Calculations – NR Band n71 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.384	28.84	28.84
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.374	28.92	
680.50	136100	Mid	back	10 mm	NR Band n71	A	20	CP-OFDM	QPSK	1	1	23.19	1:1	0.269	28.89	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.308	29.79	
680.50	136100	Mid	front	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.294	29.97	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.080	35.65	
680.50	136100	Mid	bottom	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.088	35.21	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.283	30.16	
680.50	136100	Mid	right	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.300	29.88	
680.50	136100	Mid	left	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.372	28.98	
680.50	136100	Mid	left	10 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	50	28	24.65	1:1	0.380	28.85	

Table A-48
DSI = 2 P_{Limit} Calculations – NR Band n12 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.380	29.13	28.41
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.443	28.41	
707.50	141500	Mid	back	10 mm	NR Band n12	A	15	CP-OFDM	QPSK	1	1	23.43	1:1	0.282	28.93	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.320	29.88	
707.50	141500	Mid	front	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.365	29.25	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.155	33.03	
707.50	141500	Mid	bottom	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.173	32.49	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.212	31.67	
707.50	141500	Mid	right	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.287	30.29	
707.50	141500	Mid	left	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.275	30.54	
707.50	141500	Mid	left	10 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	36	22	24.87	1:1	0.292	30.22	

Table A-49
DSI = 2 P_{Limit} Calculations – NR Band n26 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plim it	Overall Plim it
MHz	Ch.													(W/kg)		
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.418	28.76	28.76
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.403	28.82	
831.50	166300	Mid	back	10 mm	NR Band n26	A	20	CP-OFDM	QPSK	1	1	23.21	1:1	0.209	30.01	
831.50	166300	Mid	front	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.351	29.52	
831.50	166300	Mid	front	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.336	29.61	
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.239	31.19	
831.50	166300	Mid	bottom	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.202	31.82	
831.50	166300	Mid	right	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.137	33.60	
831.50	166300	Mid	right	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.148	33.17	
831.50	166300	Mid	left	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.077	36.11	
831.50	166300	Mid	left	10 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	50	28	24.87	1:1	0.077	36.01	

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Table A-50
DSI = 2 P_{Limit} Calculations – NR Band n66 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	1:1	0.662	22.70	20.11
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	1:1	0.655	22.65	
1745.00	349000	Mid	back	10 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	1:1	0.536	23.31	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	1:1	0.608	23.07	
1745.00	349000	Mid	front	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	1:1	0.597	23.05	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	1:1	1.080	20.58	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	1:1	1.110	20.36	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	216	0	1:1	1.120	20.28	
1745.00	349000	Mid	bottom	10 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	1:1	1.120	20.11	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	1:1	0.066	32.72	
1745.00	349000	Mid	right	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	1:1	0.068	32.49	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	1:1	0.236	27.18	
1745.00	349000	Mid	left	10 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	1:1	0.239	27.03	
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.242	26.19	21.91
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	1:1	0.245	26.14	
1745.00	349000	Mid	back	10 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	1:1	0.295	25.35	
1745.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.294	25.35	
1745.00	349000	Mid	front	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	1:1	0.293	25.36	
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.593	22.30	
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	1:1	0.585	22.36	
1745.00	349000	Mid	top	10 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	1:1	0.651	21.91	
1745.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.103	29.90	
1745.00	349000	Mid	left	10 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	1:1	0.106	29.78	

Table A-51
DSI = 2 P_{Limit} Calculations – NR Band n25 Hotspot SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	1:1	0.199	25.98	22.55
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	0.204	25.88	
1882.50	376500	Mid	back	10 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	1:1	0.192	26.15	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	1:1	0.227	25.41	
1882.50	376500	Mid	front	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	0.200	25.97	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	1:1	0.399	22.96	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	0.440	22.55	
1882.50	376500	Mid	bottom	10 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	1:1	0.401	22.95	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	1:1	0.069	30.58	
1882.50	376500	Mid	right	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	0.075	30.23	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	1:1	0.125	28.00	
1882.50	376500	Mid	left	10 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	0.122	28.12	
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.227	25.92	20.79
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	108	1:1	0.219	25.91	
1882.50	376500	Mid	back	10 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	1:1	0.243	25.27	
1882.50	376500	Mid	front	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.273	25.12	
1882.50	376500	Mid	front	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	108	1:1	0.256	25.23	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.645	21.38	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	108	1:1	0.601	21.52	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	1:1	0.638	21.23	
1882.50	376500	Mid	top	10 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	1:1	0.682	20.79	
1882.50	376500	Mid	left	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	0.091	29.89	
1882.50	376500	Mid	left	10 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	108	1:1	0.089	29.82	

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Table A-52
DSI = 2 P_{Limit} Calculations – NR Band n30 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
														(W/kg)		
MHz	Ch.															
2310.00	462000	Mid	back	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	1	17.31	1:1	0.227	23.75	19.52
2310.00	462000	Mid	back	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	17.27	1:1	0.232	23.62	
2310.00	462000	Mid	front	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	1	17.31	1:1	0.209	24.11	
2310.00	462000	Mid	front	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	17.27	1:1	0.208	24.09	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	1	17.31	1:1	0.576	19.71	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	17.27	1:1	0.584	19.61	
2310.00	462000	Mid	bottom	10 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	17.38	1:1	0.611	19.52	
2310.00	462000	Mid	right	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	1	17.31	1:1	0.032	32.26	
2310.00	462000	Mid	right	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	17.27	1:1	0.029	32.65	
2310.00	462000	Mid	left	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	1	17.31	1:1	0.003	42.54	
2310.00	462000	Mid	left	10 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	17.27	1:1	0.015	35.51	
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	20.80	1:1	0.338	25.51	23.14
2310.00	462000	Mid	back	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	27	20.71	1:1	0.335	25.46	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	20.80	1:1	0.274	26.42	
2310.00	462000	Mid	front	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	27	20.71	1:1	0.276	26.30	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	20.80	1:1	0.571	23.23	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	27	20.71	1:1	0.571	23.14	
2310.00	462000	Mid	top	10 mm	NR Band n30	F	10	CP-OFDM	QPSK	1	1	20.80	1:1	0.571	23.23	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	20.80	1:1	0.067	32.54	
2310.00	462000	Mid	left	10 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	25	27	20.71	1:1	0.066	32.52	

Table A-53
DSI = 2 P_{Limit} Calculations – NR Band n41 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.385	23.57	21.91
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.387	23.46	
2592.99	518598	Mid	back	10 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	19.09	1:1	0.429	22.77	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.259	25.29	
2592.99	518598	Mid	front	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.260	25.19	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.504	22.40	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.497	22.38	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	19.09	1:1	0.522	21.91	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.215	26.10	
2592.99	518598	Mid	left	10 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.211	26.10	
2592.99	518598	Mid	back	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.098	25.70	22.80
2592.99	518598	Mid	front	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.105	25.40	
2592.99	518598	Mid	top	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.191	22.80	
2592.99	518598	Mid	left	10 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.013	34.47	26.51
2592.99	518598	Mid	back	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.057	29.20	
2592.99	518598	Mid	front	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.106	26.51	
2592.99	518598	Mid	top	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.062	28.84	
2592.99	518598	Mid	right	10 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.065	28.63	
2592.99	518598	Mid	back	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.104	27.30	27.30
2592.99	518598	Mid	front	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.032	32.42	
2592.99	518598	Mid	bottom	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.072	28.90	
2592.99	518598	Mid	right	10 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.002	44.46	

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Table A-54
DSI = 2 P_{Limit} Calculations – NR Band n48 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3679.98	645332	High	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.141	27.13	25.82
3679.98	645332	High	back	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	18.39	1:1	0.142	26.87	
3679.98	645332	High	back	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.37	1:1	0.140	26.91	
3679.98	645332	High	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.080	29.59	
3679.98	645332	High	front	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	18.39	1:1	0.078	29.47	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.159	26.61	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	18.39	1:1	0.162	26.30	
3679.98	645332	High	top	10 mm	NR Band n48	F	40	CP-OFDM	QPSK	1	1	18.37	1:1	0.180	25.82	
3679.98	645332	High	left	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.020	35.61	
3679.98	645332	High	left	10 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	50	56	18.39	1:1	0.016	36.35	

Table A-55
DSI = 2 P_{Limit} Calculations – NR Band n77 Hotspot SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (1g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.56	1:1	0.136	27.23	26.00
3930.00	662000	High	back	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.52	1:1	0.130	27.38	
3930.00	662000	High	back	10 mm	NR Band n77	F	100	CP-OFDM	QPSK	1	1	18.34	1:1	0.126	27.34	
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.23	1:1	0.167	26.00	
3930.00	662000	High	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.56	1:1	0.113	28.03	
3930.00	662000	High	front	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.52	1:1	0.118	27.80	
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.56	1:1	0.098	28.65	
3930.00	662000	High	top	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.52	1:1	0.098	28.61	
3930.00	662000	High	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	1	1	18.56	1:1	0.010	38.56	
3930.00	662000	High	left	10 mm	NR Band n77	F	100	DFT-S-OFDM	QPSK	135	0	18.52	1:1	0.005	41.53	
3750.00	650000	Low	back	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.056	27.46	23.77
3750.00	650000	Low	front	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.093	25.26	
3750.00	650000	Low	bottom	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.046	28.31	
3750.00	650000	Low	left	10 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	0.131	23.77	
3500.01	633334	Mid	left	10 mm	NR Band n77 DoD	C	100	CW/SRS	N/A	N/A	N/A	14.73	1:1	0.056	27.25	
3930.00	662000	High	back	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.055	30.68	27.64
3930.00	662000	High	front	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.056	30.60	
3500.01	633334	Mid	front	10 mm	NR Band n77 DoD	I	100	CW/SRS	N/A	N/A	N/A	16.62	1:1	0.079	27.64	
3930.00	662000	High	top	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.002	45.07	
3930.00	662000	High	left	10 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	0.013	36.94	
3930.00	662000	High	back	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	0.189	20.32	18.95
3500.01	633334	Mid	back	10 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.00	1:1	0.254	18.95	
3930.00	662000	High	front	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	0.000	53.08	
3930.00	662000	High	bottom	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	0.023	29.46	
3930.00	662000	High	right	10 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	0.018	30.53	

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Table A-56
DSI = 0 P_{Limit} Calculations – GPRS Phablet SAR

MEASUREMENT RESULTS												
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	# of Time Slots	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.									(W/kg)		
836.60	190	back	0 mm	GSM 850	GPRS	A	3	28.83	1:2.76	0.953	28.59	28.44
836.60	190	front	0 mm	GSM 850	GPRS	A	3	28.83	1:2.76	0.986	28.44	
836.60	190	bottom	0 mm	GSM 850	GPRS	A	3	28.83	1:2.76	0.547	31.00	
836.60	190	right	0 mm	GSM 850	GPRS	A	3	28.83	1:2.76	0.402	32.34	
836.60	190	left	0 mm	GSM 850	GPRS	A	3	28.83	1:2.76	0.586	30.70	
1909.80	810	back	0 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.576	26.99	23.33
1909.80	810	front	0 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.773	25.72	
1909.80	810	bottom	0 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	1.340	23.33	
1909.80	810	right	0 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.076	35.77	
1909.80	810	left	0 mm	GSM 1900	GPRS	A	4	23.80	1:2.076	0.513	27.50	

Table A-57
DSI = 0 P_{Limit} Calculations – UMTS Phablet SAR

MEASUREMENT RESULTS											
FREQUENCY		Side	Spacing	Mode	Service	Antenna Config.	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.								(W/kg)		
846.60	4233	back	0 mm	UMTS 850	RMC	A	24.85	1:1	1.400	27.37	26.98
846.60	4233	front	0 mm	UMTS 850	RMC	A	24.85	1:1	1.530	26.98	
846.60	4233	bottom	0 mm	UMTS 850	RMC	A	24.85	1:1	0.694	30.42	
846.60	4233	right	0 mm	UMTS 850	RMC	A	24.85	1:1	0.318	33.81	
846.60	4233	left	0 mm	UMTS 850	RMC	A	24.85	1:1	0.319	33.79	
1752.60	1513	back	0 mm	UMTS 1750	RMC	A	19.85	1:1	1.150	23.22	22.72
1752.60	1513	front	0 mm	UMTS 1750	RMC	A	19.85	1:1	0.953	24.04	
1752.60	1513	bottom	0 mm	UMTS 1750	RMC	A	19.85	1:1	1.290	22.72	
1752.60	1513	right	0 mm	UMTS 1750	RMC	A	19.85	1:1	0.118	33.11	
1752.60	1513	left	0 mm	UMTS 1750	RMC	A	19.85	1:1	0.260	29.68	
1852.40	9262	back	0 mm	UMTS 1900	RMC	A	19.32	1:1	0.904	23.74	22.30
1852.40	9262	front	0 mm	UMTS 1900	RMC	A	19.32	1:1	1.130	22.77	
1852.40	9262	bottom	0 mm	UMTS 1900	RMC	A	19.32	1:1	1.260	22.30	
1852.40	9262	right	0 mm	UMTS 1900	RMC	A	19.32	1:1	0.162	31.20	
1852.40	9262	left	0 mm	UMTS 1900	RMC	A	19.32	1:1	0.575	25.70	

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Table A-58
DSI = 0 P_{Limit} Calculations – LTE Band 71 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
													MHz		
680.50	133297	Mid	back	0 mm	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.875	28.88	28.88
680.50	133297	Mid	front	0 mm	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.808	29.23	
680.50	133297	Mid	bottom	0 mm	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.515	31.18	
680.50	133297	Mid	right	0 mm	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.191	35.49	
680.50	133297	Mid	left	0 mm	LTE Band 71	A	20	QPSK	1	99	24.32	1:1	0.617	30.40	

Table A-59
DSI = 0 P_{Limit} Calculations – LTE Band 12 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
													MHz		
707.50	23095	Mid	back	0 mm	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	1.280	27.44	27.44
707.50	23095	Mid	front	0 mm	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	1.160	27.86	
707.50	23095	Mid	bottom	0 mm	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.709	30.00	
707.50	23095	Mid	right	0 mm	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.264	34.29	
707.50	23095	Mid	left	0 mm	LTE Band 12	A	10	QPSK	1	25	24.53	1:1	0.386	32.64	

Table A-60
DSI = 0 P_{Limit} Calculations – LTE Band 13 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
													MHz		
782.00	23230	Mid	back	0 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	1.460	26.74	26.74
782.00	23230	Mid	front	0 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	1.220	27.52	
782.00	23230	Mid	bottom	0 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.760	29.57	
782.00	23230	Mid	right	0 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.303	33.56	
782.00	23230	Mid	left	0 mm	LTE Band 13	A	10	QPSK	1	25	24.40	1:1	0.498	31.41	

Table A-61
DSI = 0 P_{Limit} Calculations – LTE Band 14 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
793.00	23330	Mid	back	0 mm	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	1.490	26.51	26.51
793.00	23330	Mid	front	0 mm	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	1.230	27.34	
793.00	23330	Mid	bottom	0 mm	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.871	28.84	
793.00	23330	Mid	right	0 mm	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.351	32.79	
793.00	23330	Mid	left	0 mm	LTE Band 14	A	10	QPSK	1	25	24.26	1:1	0.785	29.29	

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Table A-62
DSI = 0 P_{Limit} Calculations – LTE Band 26 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
													MHz		
831.50	26865	Mid	back	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	1.500	26.91	26.60
831.50	26865	Mid	front	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	1.610	26.60	
831.50	26865	Mid	bottom	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.855	29.35	
831.50	26865	Mid	right	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.333	33.44	
831.50	26865	Mid	left	0 mm	LTE Band 26 (Cell)	A	15	QPSK	1	74	24.69	1:1	0.462	32.02	

Table A-63
DSI = 0 P_{Limit} Calculations – LTE Band 5 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
													MHz		
836.50	20525	Mid	back	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	1.450	27.02	26.27
836.50	20525	Mid	front	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	1.720	26.27	
836.50	20525	Mid	bottom	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.841	29.38	
836.50	20525	Mid	right	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.364	33.02	
836.50	20525	Mid	left	0 mm	LTE Band 5 (Cell)	A	10	QPSK	1	49	24.65	1:1	0.479	31.83	

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Table A-64
DSI = 0 P_{Limit} Calculations – LTE Band 66 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plim it	Overall Plim it
MHz	Ch.												(W/kg)		
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	1.450	22.49	22.17
1745.00	132322	Mid	back	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	1.420	22.62	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	1.510	22.31	
1745.00	132322	Mid	front	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	1.490	22.41	
1720.00	132072	Low	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	99	19.83	1:1	1.460	22.17	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	0	20.12	1:1	1.560	22.17	
1770.00	132572	High	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	1	50	19.99	1:1	1.460	22.33	
1745.00	132322	Mid	bottom	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	1.500	22.38	
1745.00	132322	Mid	right	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.145	32.53	
1745.00	132322	Mid	left	0 mm	LTE Band 66 (AWS)	A	20	QPSK	50	0	20.16	1:1	0.471	27.41	
1720.00	132072	Low	back	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.669	25.70	21.41
1720.00	132072	Low	front	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.984	24.02	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	1.660	21.75	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	19.84	1:1	1.670	21.59	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	0	19.63	1:1	1.580	21.62	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.96	1:1	1.710	21.61	
1745.00	132322	Mid	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	25	19.93	1:1	1.670	21.68	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	0	19.54	1:1	1.510	21.73	
1770.00	132572	High	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	50	50	19.63	1:1	1.660	21.41	
1720.00	132072	Low	top	0 mm	LTE Band 66 (AWS)	F	20	QPSK	100	0	19.91	1:1	1.710	21.56	
1720.00	132072	Low	left	0 mm	LTE Band 66 (AWS)	F	20	QPSK	1	99	19.97	1:1	0.273	29.59	

Table A-65
DSI = 0 P_{Limit} Calculations – LTE Band 25 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
1860.00	26140	Low	back	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	1.010	23.27	22.61
1860.00	26140	Low	front	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	1.050	23.10	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	1.120	22.82	
1860.00	26140	Low	bottom	0 mm	LTE Band 25 (PCS)	A	20	QPSK	50	25	19.24	1:1	1.150	22.61	
1860.00	26140	Low	right	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.148	31.61	
1860.00	26140	Low	left	0 mm	LTE Band 25 (PCS)	A	20	QPSK	1	0	19.33	1:1	0.501	26.31	
1882.50	26365	Mid	back	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.434	26.98	21.85
1882.50	26365	Mid	front	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.698	24.92	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	1	50	19.33	1:1	1.390	21.88	
1860.00	26140	Low	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	50	19.33	1:1	1.400	21.85	
1882.50	26365	Mid	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	1.400	21.90	
1905.00	26590	High	top	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.08	1:1	1.310	21.89	
1882.50	26365	Mid	left	0 mm	LTE Band 25 (PCS)	F	20	QPSK	50	25	19.38	1:1	0.110	32.95	

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Table A-66
DSI = 0 P_{Limit} Calculations – LTE Band 30 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2310.00	27710	Mid	back	0 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.585	23.80	20.90
2310.00	27710	Mid	front	0 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.513	24.37	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	1.140	20.90	
2310.00	27710	Mid	bottom	0 mm	LTE Band 30	A	10	QPSK	25	0	17.48	1:1	1.130	20.93	
2310.00	27710	Mid	right	0 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.105	31.26	
2310.00	27710	Mid	left	0 mm	LTE Band 30	A	10	QPSK	1	0	17.49	1:1	0.035	36.03	
2310.00	27710	Mid	back	0 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.679	25.65	20.73
2310.00	27710	Mid	front	0 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	1.360	22.63	
2310.00	27710	Mid	top	0 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	2.110	20.73	
2310.00	27710	Mid	left	0 mm	LTE Band 30	F	10	QPSK	1	0	19.99	1:1	0.127	32.93	

Table A-67
DSI = 0 P_{Limit} Calculations – LTE Band 7 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2510.00	20850	Low	back	0 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	1.620	20.75	20.29
2510.00	20850	Low	front	0 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	1.220	21.99	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	18.83	1:1	1.770	20.33	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	18.68	1:1	1.660	20.46	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	1	50	18.62	1:1	1.700	20.29	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	1.750	20.42	
2535.00	21100	Mid	bottom	0 mm	LTE Band 7	B	20	QPSK	50	25	18.77	1:1	1.660	20.55	
2560.00	21350	High	bottom	0 mm	LTE Band 7	B	20	QPSK	50	25	18.69	1:1	1.720	20.31	
2510.00	20850	Low	bottom	0 mm	LTE Band 7	B	20	QPSK	100	0	18.81	1:1	1.740	20.38	
2510.00	20850	Low	left	0 mm	LTE Band 7	B	20	QPSK	50	25	18.87	1:1	0.332	27.64	
2510.00	20850	Low	back	0 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.731	23.57	19.54
2510.00	20850	Low	front	0 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.783	23.27	
2510.00	20850	Low	top	0 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	1.850	19.54	
2510.00	20850	Low	left	0 mm	LTE Band 7	F	20	QPSK	1	50	18.23	1:1	0.102	32.12	

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Table A-68
DSI = 0 P_{Limit} Calculations – LTE Band 41 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
2593.00	40620	Mid	back	0 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	1.130	22.67	20.67
2593.00	40620	Mid	front	0 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	1.290	22.10	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	21.02	1:1.58	1.490	21.28	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	21.01	1:1.58	1.390	21.58	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	21.18	1:1.58	1.580	21.19	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	21.05	1:1.58	1.730	20.67	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	50	21.07	1:1.58	1.730	20.69	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	1	0	21.03	1:1.58	1.710	20.70	
2506.00	39750	Low	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	21.18	1:1.58	1.510	21.39	
2549.50	40185	Low-Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	21.09	1:1.58	1.420	21.56	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	1.610	21.14	
2636.50	41055	Mid-High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	50	21.16	1:1.58	1.730	20.78	
2680.00	41490	High	bottom	0 mm	LTE Band 41	B	20	QPSK	50	50	21.09	1:1.58	1.700	20.78	
2593.00	40620	Mid	bottom	0 mm	LTE Band 41	B	20	QPSK	100	0	21.13	1:1.58	1.610	21.06	
2593.00	40620	Mid	left	0 mm	LTE Band 41	B	20	QPSK	50	25	21.21	1:1.58	0.352	27.74	
2680.00	41490	High	back	0 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.824	24.23	21.29
2680.00	41490	High	front	0 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.830	24.19	
2680.00	41490	High	top	0 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	1.620	21.29	
2680.00	41490	High	left	0 mm	LTE Band 41	F	20	QPSK	50	0	21.39	1:1.58	0.089	33.89	

Table A-69
DSI = 0 P_{Limit} Calculations – LTE Band 48 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY			Side	Spacing	Mode	Antenna Config.	Bandwidth [MHz]	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.												(W/kg)		
3560.00	55340	Low	back	0 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.658	24.08	22.10
3560.00	55340	Low	front	0 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.466	25.58	
3560.00	55340	Low	top	0 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	1.040	22.10	
3560.00	55340	Low	left	0 mm	LTE Band 48	F	20	QPSK	50	25	20.27	1:1.58	0.093	32.58	

Table A-70
DSI = 0 P_{Limit} Calculations – NR Band n71 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
														MHz		
680.50	136100	Mid	back	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.886	29.19	29.13
680.50	136100	Mid	front	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.898	29.13	
680.50	136100	Mid	bottom	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.758	29.86	
680.50	136100	Mid	right	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.188	35.92	
680.50	136100	Mid	left	0 mm	NR Band n71	A	20	DFT-S-OFDM	QPSK	1	1	24.68	1:1	0.616	30.76	

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Table A-71
DSI = 0 P_{Limit} Calculations – NR Band n12 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
														MHz		
707.50	141500	Mid	back	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	1.040	28.74	28.74
707.50	141500	Mid	front	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.813	29.81	
707.50	141500	Mid	bottom	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.606	31.09	
707.50	141500	Mid	right	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.155	37.01	
707.50	141500	Mid	left	0 mm	NR Band n12	A	15	DFT-S-OFDM	QPSK	1	77	24.93	1:1	0.306	34.05	

Table A-72
DSI = 0 P_{Limit} Calculations – NR Band n26 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
														MHz		
831.50	166300	Mid	back	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	1.520	27.13	27.13
831.50	166300	Mid	front	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.902	29.40	
831.50	166300	Mid	bottom	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	1.390	27.52	
831.50	166300	Mid	right	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.312	34.01	
831.50	166300	Mid	left	0 mm	NR Band n26	A	20	DFT-S-OFDM	QPSK	1	104	24.97	1:1	0.546	31.58	

Table A-73
DSI = 0 P_{Limit} Calculations – NR Band n66 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plim it	Overall Plimit
														MHz		
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.91	1:1	1.550	22.99	22.38
1745.00	349000	Mid	back	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	20.81	1:1	1.560	22.86	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.91	1:1	1.620	22.79	
1745.00	349000	Mid	front	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	20.81	1:1	1.610	22.72	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.91	1:1	1.680	22.64	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	108	54	20.81	1:1	1.670	22.56	
1745.00	349000	Mid	bottom	0 mm	NR Band n66	A	40	CP-OFDM	QPSK	1	1	20.60	1:1	1.660	22.38	
1745.00	349000	Mid	right	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.91	1:1	0.116	34.25	
1745.00	349000	Mid	left	0 mm	NR Band n66	A	40	DFT-S-OFDM	QPSK	1	108	20.91	1:1	0.410	28.76	
1745.00	349000	Mid	back	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.03	1:1	0.937	24.29	21.70
1745.00	349000	Mid	front	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.03	1:1	1.000	24.01	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	1	108	20.03	1:1	1.650	21.84	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.03	1:1	1.650	21.84	
1745.00	349000	Mid	top	0 mm	NR Band n66	F	40	CP-OFDM	QPSK	1	1	20.05	1:1	1.710	21.70	
1745.00	349000	Mid	left	0 mm	NR Band n66	F	40	DFT-S-OFDM	QPSK	108	54	20.03	1:1	0.311	29.08	

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Table A-74
DSI = 0 P_{Limit} Calculations – NR Band n25 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
1882.50	376500	Mid	back	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	18.98	1.090	22.59
1882.50	376500	Mid	front	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	18.98	0.983	23.03
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	1	1	1:1	18.97	1.340	21.68
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	18.98	1.340	21.69
1882.50	376500	Mid	bottom	0 mm	NR Band n25	A	40	CP-OFDM	QPSK	1	1	1:1	18.98	1.350	21.66
1882.50	376500	Mid	right	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	18.98	0.135	31.66
1882.50	376500	Mid	left	0 mm	NR Band n25	A	40	DFT-S-OFDM	QPSK	108	0	1:1	18.98	0.590	25.25
1882.50	376500	Mid	back	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	19.48	0.460	26.83
1882.50	376500	Mid	front	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	19.48	0.925	23.80
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	19.48	2.140	20.16
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	108	108	1:1	19.31	1.940	20.41
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	216	0	1:1	19.28	2.020	20.21
1882.50	376500	Mid	top	0 mm	NR Band n25	F	40	CP-OFDM	QPSK	1	1	1:1	19.13	2.160	19.77
1882.50	376500	Mid	left	0 mm	NR Band n25	F	40	DFT-S-OFDM	QPSK	1	108	1:1	19.48	0.164	31.31

Table A-75
DSI = 0 P_{Limit} Calculations – NR Band n30 Phablet SAR

MEASUREMENT RESULTS															
FREQUENCY		Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.												(W/kg)		
2310.00	462000	Mid	back	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	1:1	17.38	0.566	23.83
2310.00	462000	Mid	front	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	1:1	17.38	0.454	24.79
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	1	1	1:1	17.31	0.482	24.46
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	DFT-S-OFDM	QPSK	25	14	1:1	17.27	0.482	24.42
2310.00	462000	Mid	bottom	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	1:1	17.38	0.485	24.50
2310.00	462000	Mid	right	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	1:1	17.38	0.083	32.17
2310.00	462000	Mid	left	0 mm	NR Band n30	A	10	CP-OFDM	QPSK	1	1	1:1	17.38	0.036	35.80
2310.00	462000	Mid	back	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	1:1	20.80	0.788	25.81
2310.00	462000	Mid	front	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	1:1	20.80	1.540	22.90
2310.00	462000	Mid	top	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	1:1	20.80	1.960	21.86
2310.00	462000	Mid	left	0 mm	NR Band n30	F	10	DFT-S-OFDM	QPSK	1	26	1:1	20.80	0.165	32.61

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Table A-76
DSI = 0 P_{Limit} Calculations – NR Band n41 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	Plimit	Overall Plimit
MHz	Ch.													(W/kg)		
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	1.160	22.76	22.62
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	1.150	22.71	
2592.99	518598	Mid	back	0 mm	NR Band n41	B	100	CP-OFDM	QPSK	1	1	19.09	1:1	1.110	22.62	
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.738	24.72	
2592.99	518598	Mid	front	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.719	24.75	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.966	23.55	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.898	23.79	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	1	137	19.42	1:1	0.305	28.56	
2592.99	518598	Mid	left	0 mm	NR Band n41	B	100	DFT-S-OFDM	QPSK	135	0	19.34	1:1	0.325	28.20	19.30
2592.99	518598	Mid	back	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.516	22.46	
2592.99	518598	Mid	front	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.597	21.83	
2592.99	518598	Mid	top	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	1.070	19.30	
2592.99	518598	Mid	left	0 mm	NR Band n41	F	100	CW/SRS	N/A	N/A	N/A	15.61	1:1	0.063	31.60	23.94
2592.99	518598	Mid	back	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.246	26.83	
2592.99	518598	Mid	front	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.479	23.94	
2592.99	518598	Mid	top	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.232	27.09	
2592.99	518598	Mid	right	0 mm	NR Band n41	E	100	CW/SRS	N/A	N/A	N/A	16.76	1:1	0.355	25.24	26.03
2592.99	518598	Mid	back	0 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.348	26.03	
2592.99	518598	Mid	front	0 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.150	29.69	
2592.99	518598	Mid	bottom	0 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.160	29.41	
2592.99	518598	Mid	right	0 mm	NR Band n41	D	100	CW/SRS	N/A	N/A	N/A	17.47	1:1	0.019	38.66	

Table A-77
DSI = 0 P_{Limit} Calculations – NR Band n48 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	SAR (10g)	P _{limit}	Overall P _{limit}
MHz	Ch.													(W/kg)		
3679.98	645332	High	back	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.717	24.04	22.27
3679.98	645332	High	front	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.398	26.60	
3679.98	645332	High	top	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	1.080	22.27	
3679.98	645332	High	left	0 mm	NR Band n48	F	40	DFT-S-OFDM	QPSK	1	104	18.62	1:1	0.049	35.70	

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Table A-78
DSI = 0 P_{Limit} Calculations – NR Band n77 Phablet SAR

MEASUREMENT RESULTS																
FREQUENCY			Side	Spacing	Mode	Antenna Config	Bandwidth [MHz]	Waveform	Modulation	RB Size	RB Offset	Conducted Power [dBm]	Duty Cycle	Scaling Factor	Plimit	Overall Plimit
MHz	Ch.															
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.23	1:1	1.194	22.69	21.68
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	135	0	18.22	1:1	1.197	22.07	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	270	0	18.12	1:1	1.225	22.21	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	F	100	CP-OFDM	QPSK	1	1	18.22	1:1	1.197	21.91	
3500.01	633334	Mid	front	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.23	1:1	1.194	25.28	
3500.01	633334	Mid	top	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.23	1:1	1.194	21.68	
3500.01	633334	Mid	left	0 mm	NR Band n77 DoD	F	100	DFT-S-OFDM	QPSK	1	271	18.23	1:1	1.194	32.92	
3750.00	650000	Low	back	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	1.138	22.42	19.17
3750.00	650000	Low	front	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	1.138	21.48	
3750.00	650000	Low	bottom	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	1.138	28.16	
3750.00	650000	Low	left	0 mm	NR Band n77	C	100	CW/SRS	N/A	N/A	N/A	14.94	1:1	1.138	19.17	
3930.00	662000	High	back	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.102	27.71	23.19
3930.00	662000	High	front	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.102	23.19	
3930.00	662000	High	left	0 mm	NR Band n77	I	100	CW/SRS	N/A	N/A	N/A	18.08	1:1	1.102	30.92	
3750.00	650000	Low	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	12.73	1:1	1.340	16.07	15.52
3930.00	662000	High	back	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	1.236	17.78	
3500.01	633334	Mid	back	0 mm	NR Band n77 DoD	D	100	CW/SRS	N/A	N/A	N/A	13.00	1:1	1.259	15.52	
3930.00	662000	High	front	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	1.236	32.44	
3930.00	662000	High	bottom	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	1.236	29.90	
3930.00	662000	High	right	0 mm	NR Band n77	D	100	CW/SRS	N/A	N/A	N/A	13.08	1:1	1.236	32.91	

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