Communication System	UID	Rev	Group	PAR (dB)
5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	10846	AAE	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	10854	AAE	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	10855	AAD	5G NR FR1 TDD	8.36
5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	10856	AAE	5G NR FR1 TDD	8.37
5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	10857	AAD	5G NR FR1 TDD	8.35
5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	10858	AAE	5G NR FR1 TDD	8.36
5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	10859	AAF	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	10860	AAE	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	10861	AAF	5G NR FR1 TDD	8.40
5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	10863	AAF	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	10864	AAE	5G NR FR1 TDD	8.37
5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	10865	AAF	5G NR FR1 TDD	8.41
5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	10866	AAF	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	10868	AAF	5G NR FR1 TDD	5.89
5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	10897	AAE	5G NR FR1 TDD	5.66
5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	10898	AAC	5G NR FR1 TDD	5.67
5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	10899	AAB	5G NR FR1 TDD	5.67
5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	10900	AAC	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	10901	AAB	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	10902	AAC	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	10903	AAD	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	10904	AAC	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	10905	AAD	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	10906	AAD	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	10907	AAE	5G NR FR1 TDD	5.78
5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	10908	AAC	5G NR FR1 TDD	5.93
5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	10909	AAB	5G NR FR1 TDD	5.96
5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	10910	AAC	5G NR FR1 TDD	5.83
5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	10911	AAB	5G NR FR1 TDD	5.93
5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	10912	AAC	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	10913	AAD	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	10914	AAC	5G NR FR1 TDD	5.85
5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	10915	AAD	5G NR FR1 TDD	5.83
5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	10916	AAD	5G NR FR1 TDD	5.88
5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	10917	AAD	5G NR FR1 TDD	5.94
5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	10918	AAE	5G NR FR1 TDD	5.86
5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	10919	AAC	5G NR FR1 TDD	5.86
5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	10920	AAB	5G NR FR1 TDD	5.87
5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	10921	AAC	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	10922	AAB	5G NR FR1 TDD	5.82
5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	10923	AAC	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	10924	AAD	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	10925	AAC	5G NR FR1 TDD	5.95
5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	10926	AAD	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	10927	AAD	5G NR FR1 TDD	5.94
5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	10928	AAD	5G NR FR1 FDD	5.52
5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	10929	AAD	5G NR FR1 FDD	5.52
5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	10930	AAC	5G NR FR1 FDD	5.52
5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	10931	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	10932	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	10933	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	10934	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	10935	AAD	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	10936	AAD	5G NR FR1 FDD	5.90
5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	10937	AAD	5G NR FR1 FDD	5.77
5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	10938	AAC	5G NR FR1 FDD	5.90
5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	10939	AAC	5G NR FR1 FDD	5.82
5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	10940	AAC	5G NR FR1 FDD	5.89
5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	10941	AAC	5G NR FR1 FDD	5.83
5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	10942	AAC	5G NR FR1 FDD	5.85

Communication System	UID	Rev	Group	PAR (dB)
5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	10943	AAD	5G NR FR1 FDD	5.95
5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	10944	AAD	5G NR FR1 FDD	5.81
5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	10945	AAD	5G NR FR1 FDD	5.85
5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	10946	AAC	5G NR FR1 FDD	5.83
5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	10947	AAC	5G NR FR1 FDD	5.87
5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	10948	AAC	5G NR FR1 FDD	5.94
5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	10949	AAC	5G NR FR1 FDD	5.87
5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	10950	AAC	5G NR FR1 FDD	5.95
5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	10951	AAD	5G NR FR1 FDD	5.92
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	10952	AAA	5G NR FR1 FDD	8.25
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	10953	AAA	5G NR FR1 FDD	8.15
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	10954	AAA	5G NR FR1 FDD	8.23
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	10955	AAA	5G NR FR1 FDD	8.42
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	10956	AAA	5G NR FR1 FDD	8.14
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	10957	AAA	5G NR FR1 FDD	8.31
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	10958	AAA	5G NR FR1 FDD	8.61
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	10959	AAA	5G NR FR1 FDD	8.33
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	10960	AAE	5G NR FR1 TDD	9.32
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	10961	AAC	5G NR FR1 TDD	9.36
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	10962	AAB	5G NR FR1 TDD	9.39
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	10963	AAC	5G NR FR1 TDD	9.55
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	10964	AAE	5G NR FR1 TDD	9.29
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	10965	AAC	5G NR FR1 TDD	9.37
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	10966	AAB	5G NR FR1 TDD	9.55
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	10967	AAC	5G NR FR1 TDD	9.42
5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	10968	AAD	5G NR FR1 TDD	9.49
5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	10974	AAD	5G NR FR1 TDD	10.28
ULLA BDR	10978	AAA	ULLA	1.16
ULLA HDR4	10979	AAA	ULLA	8.58
ULLA HDR8	10980	AAA	ULLA	10.32
ULLA HDRp4	10981	AAA	ULLA	3.19
ULLA HDRp8	10982	AAA	ULLA	3.43
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	10983	AAC	5G NR FR1 TDD	9.31
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	10984	AAB	5G NR FR1 TDD	9.42
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	10985	AAC	5G NR FR1 TDD	9.54
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	10986	AAB	5G NR FR1 TDD	9.50
5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	10987	AAC	5G NR FR1 TDD	9.53
5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	10988	AAB	5G NR FR1 TDD	9.38
5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	10989	AAC	5G NR FR1 TDD	9.34
5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	10990	AAB	5G NR FR1 TDD	9.52
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	11003	AAA	5G NR FR1 TDD	10.24
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	11004	AAA	5G NR FR1 TDD	10.73
5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	11005	AAA	5G NR FR1 FDD	8.70
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	11006	AAA	5G NR FR1 FDD	8.55
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	11007	AAA	5G NR FR1 FDD	8.46
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	11008	AAA	5G NR FR1 FDD	8.52
5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	11009	AAA	5G NR FR1 FDD	8.76
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	11010	AAA	5G NR FR1 FDD	8.95
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	11011	AAA	5G NR FR1 FDD	8.96
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	11012	AAA	5G NR FR1 FDD	8.68
IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	11013	AAB	WLAN	8.47
IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	11014	AAB	WLAN	8.45
IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	11015	AAB	WLAN	8.44
IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	11016	AAB	WLAN	8.44
IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	11017	AAB	WLAN	8.40
IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	11018	AAB	WLAN	8.40
IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	11019	AAB	WLAN	8.29
IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	11020	AAB	WLAN	8.27
IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	11021	AAB	WLAN	8.46
IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	11022	AAB	WLAN	8.36

Communication System	UID	Rev	Group	PAR (dB)
IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	11023	AAB	WLAN	8.09
IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	11024	AAB	WLAN	8.42
IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	11025	AAB	WLAN	8.37
IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	11026	AAB	WLAN	8.39

Table 5: List of communication systems provided in the calibration file.

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland

S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
Swiss Calibration Service

Accredited by the Swiss Accreditation Service (SAS)
The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client	**UL Verification Services** **Fremont, USA**	**Certificate No.**	**cSAR3D-5279_Mar26**

CALIBRATION CERTIFICATE

Object	cSAR3D Flat HSL — SN: 5279
Calibration procedure(s)	QA CAL-26-cSAR3D.v11, Calibration Procedure for cSAR3D
Calibration date	March 10, 2026

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI). The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate. All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration) is listed on the following page.

	Name	Function	Signature
Calibrated by:	Mikko Weisshaar	Laboratory Engineer	
Approved by:	Mark Douglas	External Expert	

Issued: March 12, 2026

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Cal. Antenna 1640 - 2450 MHz	Z22-1022	11-Jul-25 (Z22-1022_Jul25)	Jul-26
Cal. Antenna 3500 - 5800 MHz	Z32-1033	04-Aug-25 (Z32-1033_Aug25)	Aug-26
Cal. Antenna 690 - 1450 MHz	Z12-1012	11-Jul-25 (Z12-1012_Jul25)	Jul-26
Calibration Dipole 1750 MHz	CA1750V2-1004	27-Jun-25 (CA1750V2-1004_Jun25)	Jun-26
Calibration Dipole 2450 MHz	CA2450V2-1005	30-Jun-25 (CA2450V2-1005_Jun25)	Jun-26
Calibration Dipole 5-6 GHz	CA5500V3-1011	11-Jul-25 (CA5500V3-1011_Jul25)	Jul-26
Calibration Dipole 6.5 GHz	CA6.5GHzV2-1001	26-Jan-26 (CA6.5GHzV2-1001_Jan26)	Jan-27
Calibration Dipole 8 GHz	CA8GHzV2-1001	30-Jan-26 (CA8GHzV2-1001_Jan26)	Jan-27
Calibration Dipole 9.5 GHz	CA10GHzV2-1001	12-Feb-26 (CA10GHzV2-1001_Feb26)	Feb-27
Calibration Dipole 900 MHz	CL900B-1002	05-Dec-25 (CL900B-1002_Dec25)	Dec-26
Power Meter R&S NRP	SN 104778	26-Mar-25 (No. 217-04289)	Mar-26
Power Sensor R&S NRP-Z91	SN 103245	26-Mar-25 (No. 217-04289)	Mar-26
Power Sensor R&S NRP33T	SN 100967	26-Mar-25 (No. 217-04290)	Mar-26
Validation Dipole 1450 MHz	D1450V2-1054	13-Jun-23 (D1450V2-1054_Jun23)	Jun-26
Validation Dipole 1750 MHz	D1750V2-1117	20-Jun-23 (D1750V2-1117_Jun23)	Jun-26
Validation Dipole 1950 MHz	D1950V3-1282	10-Jan-24 (D1950V3-1282_Jan24)	Jan-27
Validation Dipole 2450 MHz	D2450V2-827	12-Jun-23 (D2450V2-827_Jun23)	Jun-26
Validation Dipole 2600 MHz	D2600V2-1026	12-Jun-23 (D2600V2-1026_Jun23)	Jun-26
Validation Dipole 3700 MHz	D3700V2-1007	15-Jun-23 (D3700V2-1007_Jun23)	Jun-26
Validation Dipole 4200 MHz	D4200V2-1005	12-May-25 (D4200V2-1005_May25)	May-28
Validation Dipole 4900 MHz	D4900V2-1007	13-May-25 (D4900V2-1007_May25)	May-28
Validation Dipole 5-6 GHz	D5GHzV2-1384	03-Jan-24 (D5GHzV2-1384_Jan24)	Jan-27
Validation Dipole 6500 MHz	D6.5GHzV2-1004	13-Jun-23 (D6.5GHzV2-1004_Jun23)	Jun-26
Validation Dipole 7000 MHz	D7GHzV2-1005	13-Jun-23 (D7GHzV2-1005_Jun23)	Jun-26
Validation Dipole 750 MHz	D750V3-1120	16-Oct-25 (D750V3-1120_Oct25)	Oct-28
Validation Dipole 8000 MHz	D8GHzV2-1002	13-Jun-23 (D8GHzV2-1002_Jun23)	Jun-26
Validation Dipole 835 MHz	D835V2-4d078	15-Jun-23 (D835V2-4d078_Jun23)	Jun-26
Validation Dipole 900 MHz	D900V2-1d189	04-Jun-24 (D900V2-1d189_Jun24)	Jun-27
Validation Dipole 9000 MHz	D9GHzV2-1001	13-Jun-23 (D9GHzV2-1001_Jun23)	Jun-26

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Signal Gen. Anritsu MG3700A	SN 6200648288	13-Nov-15 (in house check Dec-24)	Dec-27
Power Meter R&S NRP	SN 105088	14-Apr-16 (in house check Aug-24)	Aug-26
Power Sensor R&S NRP-Z91	SN 103495	18-Apr-16 (in house check Aug-24)	Aug-26
Power Sensor R&S NRP-Z91	SN 103537	10-May-16 (in house check Aug-24)	Aug-26
Signal Gen. Anritsu MG3700A	SN 6200701182	16-Aug-16 (in house check Sep-25)	Sep-28
Power Meter R&S NRP	SN 103818	19-Sep-14 (in house check May-25)	May-27
Power Sensor R&S NRP-Z91	SN 101554	23-Sep-15 (in house check May-25)	May-27
Power Sensor R&S NRP-Z91	SN 102716	22-Sep-14 (in house check May-25)	May-27
Signal Gen. Ana Pico APSIN12G	SN 171-43A6D001-1462	14-Jan-20 (in house check Jun-23)	Jun-26
Power Meter R&S NRP	SN 101922	16-Apr-12 (in house check May-24)	May-26
Power Sensor R&S NRP33T	SN 101066	14-Jan-20 (in house check May-24)	May-26
Power Sensor R&S NRP33T	SN 101067	08-Jul-22 (in house check May-24)	May-26

Glossary

CW	Continuous Wave
DCP	Diode Compression Point
HSL	Head tissue Simulating Liquid
MSL	Muscle tissue Simulating Liquid
PAR	Peak-to-average Ratio
SMC	Sensor Model Calibration
UID	Unique Identification Number

Calibration is Performed According to the Following Standards:

a) Internal procedure QA CAL-26-cSAR3D

Method of QA CAL-26-cSAR3D:

- The dynamic responses of the sensors used to determine the amplitude of the induced fields are calibrated by the Sensor Model Calibration (SMC) method. The SMC method is based on the calibration of the lumped element sensor model for each sensor using the dynamic sensor response of a set of canonical signals (see section "Canonical Signals for SMC Method"). The dynamic range is provided in Table 2. These sensor models are then used to derive the linearization parameters *DCP, I, J* and *K* for the target modulations (see section "Modulation List for Calibration File"). The uncertainty of sensor linearization for psSAR1g lower than 30 W/kg has been considered.
- The sensitivity ($Norm_{x,y,z}$) of each sensor is calibrated by means of a transfer calibration using source antennas at fixed frequencies (see section "Calibration Frequencies"). The source antennas are calibrated using DASY for specific sensor locations and frequencies. The calibration has been performed for the nominal tissue parameters at an environmental temperature of 22 ± 2° C. The sensitivity at each non-calibrated frequency is interpolated based on the sensor characteristics as a function of frequency.
- The calibrated cSAR3D has been validated using sources fully characterized by DASY (see section "System Validation").
- All calibration parameters are contained in the calibration file located on the data storage medium that is enclosed with the software.
- A comprehensive uncertainty budget for the calibration and validation has been determined. The uncertainties are provided in the "System Validation" section. The uncertainties between the validation frequencies are estimated using linear interpolation.

Relevant Standards for the Calibration:

[1] FCC KDB 865664 D01, "SAR Measurement Requirements for 100 MHz to 6 GHz," v01r04, October 2015.

[2] IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range Of 4 MHz To 10 GHz)", October 2020.

[3] IEC 62209-3, "Human exposure to radio frequency fields from hand-held and body mounted wireless communication devices - human models, instrumentation, and procedures - Part 3: Vector measurement-based systems (Frequency range of 30 MHz to 6 GHz)", September 2019.

Calibrated Quantities:

- $DCP_{x,y,z}$, $I_{x,y,z}$, $J_{x,y,z}$, $K_{x,y,z}$: numerical linearization parameters for each sensor based on a power sweep for a specific modulation signal. The DCP is independent of modulation or frequency. The other parameters are modulation dependent but frequency independent. The linearized voltage $U_{x,y,z}$(linearized) is calculated from the measured voltage, $U_{x,y,z}$(measured) as follows:

$$U_{x,y,z}(linearized) = \frac{U_{x,y,z}(measured) + \frac{K_{x,y,z}}{DCP_{x,y,z}} \cdot U_{x,y,z}(measured)^2}{1 + I_{x,y,z} \cdot U_{x,y,z}(measured) + J_{x,y,z} \cdot U_{x,y,z}(measured)^2}$$

- *Sensitivity* ($Norm_{x,y,z}$): normalization parameter for the voltage at each sensor relative to target SAR value using DASY measurement as a transfer standard. Sensitivity depends on the frequency but not on modulation.

$$SAR_{x,y,z} = \frac{\sigma}{\rho} E^2 = \frac{\sigma}{\rho} \frac{U_{x,y,z}(linearized)}{Norm_{x,y,z}}$$

- The calibration parameters for each sensor are provided in the calibration file (see "Modulation List for Calibration File" section).
- Since the calibration parameters are not easily accessible, proof of conformity is provided with the system validation checks provided in Table 3 and 4.

Dielectric Parameters:

The cSAR3D contains a broad band tissue-equivalent material, whose dielectric parameters are within ±10% of the target dielectric parameters in [1]-[3] across a frequency range of 690 – 10 000 MHz. Typical permittivity and conductivity values for HSL are shown in Figure 1.

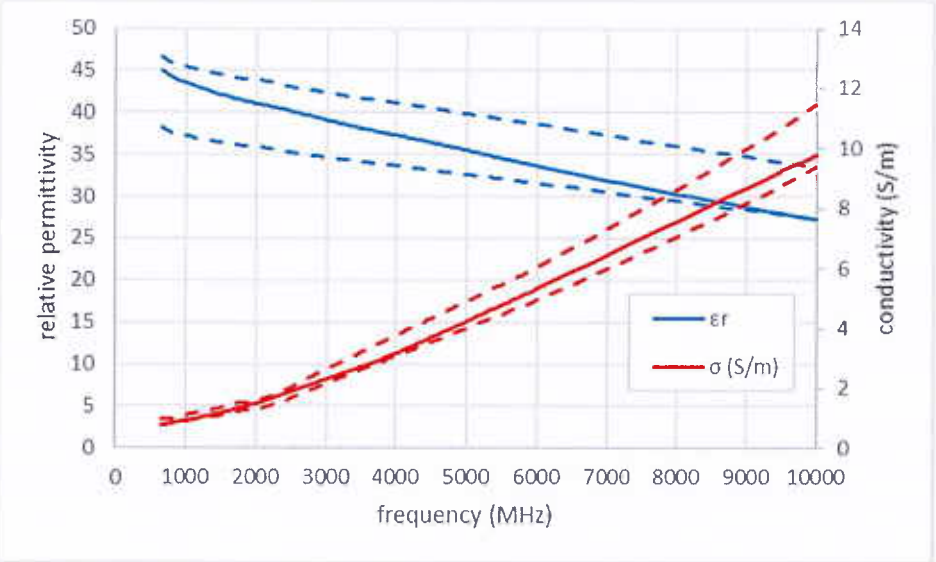

Figure 1: Typical measured permittivity and conductivity of head tissue-equivalent medium inside the cSAR3D. Measured values (solid lines) are shown with respect to ±10% tolerances (dashed lines).

cSAR3D - Parameters of cSAR3D Flat: 5279

Calibration Frequencies

The calibration is valid for any frequency between 690 – 10 000 MHz based on specific calibrated frequencies of the source antennas listed below. The standard uncertainty of the target SAR value for each source antenna is also listed.

Frequency (MHz)	Sensors	Source Antenna	Source Antenna Uncertainty ($k = 1$)
900	X, Y	Calibration Dipole 900 MHz	8.8%
1750	X, Y	Calibration Dipole 1750 MHz	8.8%
2450	X, Y	Calibration Dipole 2450 MHz	8.8%
5800	X, Y	Calibration Dipole 5-6 GHz	10.0%
6500	X, Y	Calibration Dipole 6.5 GHz	12.4%
8000	X, Y	Calibration Dipole 8 GHz	12.4%
9500	X, Y	Calibration Dipole 9.5 GHz	12.4%
900	Z	Cal. Antenna 690 - 1450 MHz	8.8%
1750	Z	Cal. Antenna 1640 - 2450 MHz	8.8%
2450	Z	Cal. Antenna 1640 - 2450 MHz	8.8%
5800	Z	Cal. Antenna 3500 - 5800 MHz	10.0%

Table 1: Source antennas used for calibration.

Canonical Signals for SMC Method

The canonical signals used during calibration to determine the linearization parameters are listed below.

Canonical Signal	UID	Rev	Group	PAR (dB)	Dynamic Range (W/kg)	
					X, Y sensors	Z sensors
CW	0	CAB	CW	0.00	0.3 to 105	0.8 to 95
Pulse Waveform (200 Hz, 10%)	10352	AAA	Test	10.00	0.3 to 33	0.8 to 33
Pulse Waveform (200 Hz, 20%)	10353	AAA	Test	6.99	0.3 to 66	0.8 to 66
Pulse Waveform (200 Hz, 40%)	10354	AAA	Test	3.98	0.3 to 105	0.8 to 95
Pulse Waveform (200 Hz, 60%)	10355	AAA	Test	2.22	0.3 to 105	0.8 to 95
QPSK Test Signal	10414	AAA	Test	8.54	0.3 to 46	0.8 to 46
QPSK Waveform, 1 MHz	10387	AAA	Test	5.10	0.3 to 103	0.8 to 95
QPSK Waveform, 10 MHz	10388	AAA	Test	5.22	0.3 to 100	0.8 to 95
64-QAM Waveform, 100 kHz	10396	AAA	Test	6.27	0.3 to 78	0.8 to 78
64-QAM Waveform, 40 kHz	10399	AAA	Test	6.27	0.3 to 78	0.8 to 78

Table 2: Canonical signals used for SMC method.

Calibration Uncertainty

The calibration uncertainty for cSAR3D Flat has been assessed to be 0.91 dB (23.2%) for frequencies below 3 GHz, 1.0 dB (26.0%) for frequencies between 3–6 GHz, and 1.1 dB (29.8%) for frequencies between 6–10 GHz.

The reported uncertainty of calibration is stated as the standard uncertainty multiplied by the coverage factor of $k = 2$, which for a normal distribution corresponds to a coverage probability of approximately 95%.

This uncertainty only includes the calibration uncertainty for the sensors and is not equivalent to the measurement uncertainty that depends on the uncertainty of field reconstruction. A complete analysis is given in the cSAR3D Manual. At the time of this calibration, the uncertainties for the validation conditions are given in the section "System Validation" of this document.

System Validation

This calibrated cSAR3D has been validated using a set of validation antennas. The values of the frequency response below 6 GHz are measured at 100 mW forward power, the values of the frequency response at 6.5 GHz, 7 GHz, 8 GHz, and 9 GHz are measured at 20 mW, 10 mW, 50 mW, and 100 mW forward power. All results are normalized to 1 W. Then they are compared to the DASY target values below. For the modulation response, the forward power is adjusted for a SAR value of approximately 0.5 W/kg using CW modulation, then the SAR is re-measured with the modulation applied using the same average power. The linearization has been validated using selected communication systems. The deviations are compared to the maximum permissible error (MPE) [5] in Table 3 and to the linearization uncertainty in Table 4. This validation was performed with the cSAR3D software version 5.10.6.3469.

Validation Antenna	Signal (UID)	f (MHz)	Target psSAR 1g (W/kg)	Target psSAR 10g (W/kg)	Measured psSAR 1g (W/kg)	Measured psSAR 10g (W/kg)	Dev psSAR 1g (dB)	Dev psSAR 10g (dB)	MPE 1g/10g (dB)
D750V3 - 1120	0	750	8.46	5.57	7.79	4.93	-0.4	-0.5	1.5
D835V2 - 4d078	0	835	9.76	6.34	8.71	5.46	-0.5	-0.7	1.5
D900V2 - 1d189	0	900	11.2	7.16	9.90	6.14	-0.5	-0.7	1.5
D1450V2 - 1054	0	1450	28.6	15.7	28.2	15.2	-0.1	-0.1	1.5
D1750V2 - 1117	0	1750	36.4	19.0	37.4	19.1	0.1	0.0	1.5
D1950V3 - 1282	0	1950	40.7	21.0	39.5	19.5	-0.1	-0.3	1.5
D2450V2 - 827	0	2450	52.7	24.8	51.8	23.1	-0.1	-0.3	1.5
D2600V2 - 1026	0	2600	56.9	25.6	55.8	23.9	-0.1	-0.3	1.5
D3700V2 - 1007	0	3700	65.3	23.7	68.4	24.5	0.2	0.1	1.6
D4200V2 - 1005	0	4200	67.3	22.9	67.9	22.4	0.0	-0.1	1.6
D4900V2 - 1007	0	4900	67.9	21.4	73.4	22.4	0.3	0.2	1.6
D5GHzV2 - 1384	0	5200	78.8	22.7	86.4	24.0	0.4	0.2	1.6
D5GHzV2 - 1384	0	5500	84.7	24.0	87.8	24.4	0.2	0.1	1.6
D5GHzV2 - 1384	0	5800	81.2	22.9	86.5	23.7	0.3	0.1	1.6
D6.5GHzV2 - 1004	0	6500	287	53.3	284	51.6	-0.0	-0.1	1.6
D7GHzV2 - 1005	0	7000	289	51.0	246	47.3	-0.7	-0.3	1.6
D8GHzV2 - 1002	0	8000	268	45.2	235	42.3	-0.6	-0.3	1.6
D9GHzV2 - 1001	0	9000	248	42.3	242	43.0	-0.1	0.1	1.6

Table 3: System validation results (frequency response)

Validation Antenna	Signal (UID)	f (MHz)	Target psSAR 1g (W/kg)	Target psSAR 10g (W/kg)	Measured psSAR 1g (W/kg)	Measured psSAR 10g (W/kg)	Dev psSAR 1g 0.5 W/kg (dB)	Dev psSAR 10g 0.5W/kg (dB)	Unc. (k=2) (dB)
D900V2 - 1d189	10025	900	0.501	0.315	0.503	0.316	0.02	0.01	0.46
D900V2 - 1d189	10290	900	0.501	0.315	0.501	0.315	0.00	0.00	0.46
D1900V2 - 5d110	10102	1900	0.500	0.257	0.497	0.256	-0.03	-0.02	0.46
D1900V2 - 5d110	10105	1900	0.500	0.257	0.497	0.256	-0.03	-0.02	0.46
D1900V2 - 5d110	10174	1900	0.500	0.257	0.500	0.258	0.00	0.02	0.46
D2450V2 - 827	10030	2450	0.497	0.228	0.495	0.226	-0.02	-0.04	0.46
D2450V2 - 827	10077	2450	0.497	0.228	0.491	0.225	-0.05	-0.06	0.46

Table 4: System validation results (modulation response)

Modulation List for Calibration File

The table below shows the modulations that are provided in the Calibration File.

Calibration File: CAL_SDC00F00AI_5279_260310_v1.2.1.gcal3d

Communication System	UID	Rev	Group	PAR (dB)
CW	0	-	CW	0.00
SAR Validation (Square, 100 ms, 10 ms)	10010	CAB	Test	10.00
UMTS-FDD (WCDMA)	10011	CAC	WCDMA	2.91
IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	10012	CAB	WLAN	1.87
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	10013	CAB	WLAN	9.46
GSM-FDD (TDMA, GMSK)	10021	DAC	GSM	9.39
GPRS-FDD (TDMA, GMSK, TN 0)	10023	DAC	GSM	9.57
GPRS-FDD (TDMA, GMSK, TN 0-1)	10024	DAC	GSM	6.56
EDGE-FDD (TDMA, 8PSK, TN 0)	10025	DAC	GSM	12.62
EDGE-FDD (TDMA, 8PSK, TN 0-1)	10026	DAC	GSM	9.55
GPRS-FDD (TDMA, GMSK, TN 0-1-2)	10027	DAC	GSM	4.80
GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	10028	DAC	GSM	3.55
EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	10029	DAC	GSM	7.78
IEEE 802.15.1 Bluetooth (GFSK, DH1)	10030	CAA	Bluetooth	5.29
IEEE 802.15.1 Bluetooth (GFSK, DH3)	10031	CAA	Bluetooth	1.87
IEEE 802.15.1 Bluetooth (GFSK, DH5)	10032	CAA	Bluetooth	1.16
IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	10033	CAA	Bluetooth	7.74
IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	10034	CAA	Bluetooth	4.53
IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	10035	CAA	Bluetooth	3.83
IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	10036	CAA	Bluetooth	8.01
IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	10037	CAA	Bluetooth	4.77
IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	10038	CAA	Bluetooth	4.11
CDMA2000 (1xRTT, RC1)	10039	CAB	CDMA2000	4.57
IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	10042	CAB	AMPS	7.78
IS-91/EIA/TIA-553 FDD (FDMA, FM)	10044	CAA	AMPS	0.00
DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	10048	CAA	DECT	13.80
DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	10049	CAA	DECT	10.79
UMTS-TDD (TD-SCDMA, 1.28 Mcps)	10056	CAA	TD-SCDMA	11.01
EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	10058	DAC	GSM	6.52
IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	10059	CAB	WLAN	2.12
IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	10060	CAB	WLAN	2.83
IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	10061	CAB	WLAN	3.60
IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	10062	CAE	WLAN	8.68
IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	10063	CAE	WLAN	8.63
IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	10064	CAE	WLAN	9.09
IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	10065	CAE	WLAN	9.00
IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	10066	CAE	WLAN	9.38
IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	10067	CAE	WLAN	10.12
IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	10068	CAE	WLAN	10.24
IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	10069	CAE	WLAN	10.56
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	10071	CAB	WLAN	9.83
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	10072	CAB	WLAN	9.62
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	10073	CAB	WLAN	9.94
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	10074	CAB	WLAN	10.30
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	10075	CAB	WLAN	10.77
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	10076	CAB	WLAN	10.94
IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	10077	CAB	WLAN	11.00
CDMA2000 (1xRTT, RC3)	10081	CAB	CDMA2000	3.97
IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	10082	CAB	AMPS	4.77
GPRS-FDD (TDMA, GMSK, TN 0-4)	10090	DAC	GSM	6.56
UMTS-FDD (HSDPA)	10097	CAC	WCDMA	3.98
UMTS-FDD (HSUPA, Subtest 2)	10098	CAC	WCDMA	3.98
EDGE-FDD (TDMA, 8PSK, TN 0-4)	10099	DAC	GSM	9.55
LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	10100	CAF	LTE-FDD	5.67
LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	10101	CAF	LTE-FDD	6.42

Communication System	UID	Rev	Group	PAR (dB)
LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	10102	CAF	LTE-FDD	6.60
LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	10103	CAH	LTE-TDD	9.29
LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	10104	CAH	LTE-TDD	9.97
LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	10105	CAH	LTE-TDD	10.01
LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	10108	CAH	LTE-FDD	5.80
LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	10109	CAH	LTE-FDD	6.43
LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	10110	CAH	LTE-FDD	5.75
LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	10111	CAH	LTE-FDD	6.44
LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	10112	CAH	LTE-FDD	6.59
LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	10113	CAH	LTE-FDD	6.62
IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	10114	CAE	WLAN	8.10
IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	10115	CAE	WLAN	8.46
IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	10116	CAE	WLAN	8.15
IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	10117	CAE	WLAN	8.07
IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	10118	CAE	WLAN	8.59
IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	10119	CAE	WLAN	8.13
LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	10140	CAF	LTE-FDD	6.49
LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	10141	CAF	LTE-FDD	6.53
LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	10142	CAF	LTE-FDD	5.73
LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	10143	CAF	LTE-FDD	6.34
LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	10144	CAF	LTE-FDD	6.65
LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	10145	CAG	LTE-FDD	5.76
LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	10146	CAG	LTE-FDD	6.41
LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	10147	CAG	LTE-FDD	6.72
LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	10149	CAF	LTE-FDD	6.42
LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	10150	CAF	LTE-FDD	6.59
LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	10151	CAH	LTE-TDD	9.28
LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	10152	CAH	LTE-TDD	9.92
LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	10153	CAH	LTE-TDD	10.05
LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	10154	CAH	LTE-FDD	5.75
LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	10155	CAH	LTE-FDD	6.43
LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	10156	CAH	LTE-FDD	5.79
LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	10157	CAH	LTE-FDD	6.50
LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	10158	CAH	LTE-FDD	6.62
LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	10159	CAH	LTE-FDD	6.56
LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	10160	CAF	LTE-FDD	5.82
LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	10161	CAF	LTE-FDD	6.43
LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	10162	CAF	LTE-FDD	6.58
LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	10166	CAG	LTE-FDD	5.46
LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	10167	CAG	LTE-FDD	6.21
LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	10168	CAG	LTE-FDD	6.79
LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	10169	CAF	LTE-FDD	5.73
LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	10170	CAF	LTE-FDD	6.52
LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	10171	AAF	LTE-FDD	6.49
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	10172	CAH	LTE-TDD	9.21
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	10173	CAH	LTE-TDD	9.48
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	10174	CAH	LTE-TDD	10.25
LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	10175	CAH	LTE-FDD	5.72
LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	10176	CAH	LTE-FDD	6.52
LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	10177	CAJ	LTE-FDD	5.73
LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	10178	CAH	LTE-FDD	6.52
LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	10179	CAH	LTE-FDD	6.50
LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	10180	CAH	LTE-FDD	6.50
LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	10181	CAF	LTE-FDD	5.72
LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	10182	CAF	LTE-FDD	6.52
LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	10183	AAE	LTE-FDD	6.50
LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	10184	CAF	LTE-FDD	5.73
LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	10185	CAF	LTE-FDD	6.51
LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	10186	AAF	LTE-FDD	6.50
LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	10187	CAG	LTE-FDD	5.73

Communication System	UID	Rev	Group	PAR (dB)
LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	10188	CAG	LTE-FDD	6.53
LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	10189	AAG	LTE-FDD	6.50
IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	10193	CAE	WLAN	8.09
IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	10194	CAE	WLAN	8.12
IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	10195	CAE	WLAN	8.21
IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	10196	CAE	WLAN	8.10
IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	10197	CAE	WLAN	8.13
IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	10198	CAE	WLAN	8.28
IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	10219	CAE	WLAN	8.04
IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	10220	CAE	WLAN	8.13
IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	10221	CAE	WLAN	8.27
IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	10222	CAE	WLAN	8.06
IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	10223	CAE	WLAN	8.48
IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	10224	CAE	WLAN	8.08
UMTS-FDD (HSPA+)	10225	CAC	WCDMA	5.97
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	10226	CAC	LTE-TDD	9.49
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	10227	CAC	LTE-TDD	10.26
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	10228	CAC	LTE-TDD	9.22
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	10229	CAE	LTE-TDD	9.48
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	10230	CAE	LTE-TDD	10.25
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	10231	CAE	LTE-TDD	9.19
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	10232	CAH	LTE-TDD	9.48
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	10233	CAH	LTE-TDD	10.25
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	10234	CAH	LTE-TDD	9.21
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	10235	CAH	LTE-TDD	9.48
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	10236	CAH	LTE-TDD	10.25
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	10237	CAH	LTE-TDD	9.21
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	10238	CAG	LTE-TDD	9.48
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	10239	CAG	LTE-TDD	10.25
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	10240	CAG	LTE-TDD	9.21
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	10241	CAC	LTE-TDD	9.82
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	10242	CAC	LTE-TDD	9.86
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	10243	CAC	LTE-TDD	9.46
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	10244	CAE	LTE-TDD	10.06
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	10245	CAE	LTE-TDD	10.06
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	10246	CAE	LTE-TDD	9.30
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	10247	CAH	LTE-TDD	9.91
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	10248	CAH	LTE-TDD	10.09
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	10249	CAH	LTE-TDD	9.29
LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	10250	CAH	LTE-TDD	9.81
LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	10251	CAH	LTE-TDD	10.16
LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	10252	CAH	LTE-TDD	9.24
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	10253	CAG	LTE-TDD	9.90
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	10254	CAG	LTE-TDD	10.14
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	10255	CAG	LTE-TDD	9.20
LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	10256	CAC	LTE-TDD	9.96
LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	10257	CAC	LTE-TDD	10.08
LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	10258	CAC	LTE-TDD	9.34
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	10259	CAE	LTE-TDD	9.98
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	10260	CAE	LTE-TDD	9.97
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	10261	CAE	LTE-TDD	9.24
LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	10262	CAH	LTE-TDD	9.83
LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	10263	CAH	LTE-TDD	10.16
LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	10264	CAH	LTE-TDD	9.23
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	10265	CAH	LTE-TDD	9.92
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	10266	CAH	LTE-TDD	10.07
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	10267	CAH	LTE-TDD	9.30
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	10268	CAG	LTE-TDD	10.06
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	10269	CAG	LTE-TDD	10.13
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	10270	CAG	LTE-TDD	9.58

Communication System	UID	Rev	Group	PAR (dB)
UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	10274	CAC	WCDMA	4.87
UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	10275	CAC	WCDMA	3.96
PHS (QPSK)	10277	CAA	PHS	11.81
PHS (QPSK, BW 884 MHz, Rolloff 0.5)	10278	CAA	PHS	11.81
PHS (QPSK, BW 884 MHz, Rolloff 0.38)	10279	CAA	PHS	12.18
CDMA2000, RC1, SO55, Full Rate	10290	AAB	CDMA2000	3.91
CDMA2000, RC3, SO55, Full Rate	10291	AAB	CDMA2000	3.46
CDMA2000, RC3, SO32, Full Rate	10292	AAB	CDMA2000	3.39
CDMA2000, RC3, SO3, Full Rate	10293	AAB	CDMA2000	3.50
CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	10295	AAB	CDMA2000	12.49
LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	10297	AAE	LTE-FDD	5.81
LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	10298	AAE	LTE-FDD	5.72
LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	10299	AAE	LTE-FDD	6.39
LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	10300	AAE	LTE-FDD	6.60
IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	10301	AAA	WiMAX	12.03
IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	10302	AAA	WiMAX	12.57
IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	10303	AAA	WiMAX	12.52
IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	10304	AAA	WiMAX	11.86
IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	10305	AAA	WiMAX	15.24
IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	10306	AAA	WiMAX	14.67
IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	10307	AAA	WiMAX	14.49
IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	10308	AAA	WiMAX	14.46
IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	10309	AAA	WiMAX	14.58
IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	10310	AAA	WiMAX	14.57
LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	10311	AAE	LTE-FDD	6.06
iDEN 1:3	10313	AAA	iDEN	10.51
iDEN 1:6	10314	AAA	iDEN	13.48
IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	10315	AAB	WLAN	1.71
IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	10316	AAB	WLAN	8.36
IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	10317	AAE	WLAN	8.36
IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	10400	AAF	WLAN	8.38
IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	10401	AAF	WLAN	8.60
IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	10402	AAF	WLAN	8.53
CDMA2000 (1xEV-DO, Rev. 0)	10403	AAB	CDMA2000	3.76
CDMA2000 (1xEV-DO, Rev. A)	10404	AAB	CDMA2000	3.77
CDMA2000, RC3, SO32, SCH0, Full Rate	10406	AAB	CDMA2000	5.22
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	10410	AAH	LTE-TDD	7.83
IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	10415	AAA	WLAN	1.54
IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	10416	AAA	WLAN	8.23
IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	10417	AAD	WLAN	8.23
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	10418	AAA	WLAN	8.14
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	10419	AAA	WLAN	8.19
IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	10422	AAD	WLAN	8.32
IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	10423	AAD	WLAN	8.47
IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	10424	AAD	WLAN	8.40
IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	10425	AAD	WLAN	8.41
IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	10426	AAD	WLAN	8.45
IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	10427	AAD	WLAN	8.41
LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	10430	AAE	LTE-FDD	8.28
LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	10431	AAE	LTE-FDD	8.38
LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	10432	AAD	LTE-FDD	8.34
LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	10433	AAD	LTE-FDD	8.34
W-CDMA (BS Test Model 1, 64 DPCH)	10434	AAB	WCDMA	8.60
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10435	AAG	LTE-TDD	7.82
LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	10447	AAE	LTE-FDD	7.56
LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	10448	AAE	LTE-FDD	7.53
LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	10449	AAD	LTE-FDD	7.51
LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	10450	AAD	LTE-FDD	7.48
W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	10451	AAB	WCDMA	7.59
Validation (Square, 10 ms, 1 ms)	10453	AAE	Test	10.00

Communication System	UID	Rev	Group	PAR (dB)
IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	10456	AAD	WLAN	8.63
UMTS-FDD (DC-HSDPA)	10457	AAB	WCDMA	6.62
CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	10458	AAA	CDMA2000	6.55
CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	10459	AAA	CDMA2000	8.25
UMTS-FDD (WCDMA, AMR)	10460	AAB	WCDMA	2.39
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10461	AAC	LTE-TDD	7.83
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10462	AAC	LTE-TDD	8.30
LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10463	AAC	LTE-TDD	8.56
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10464	AAD	LTE-TDD	7.82
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10465	AAD	LTE-TDD	8.32
LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10466	AAD	LTE-TDD	8.57
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10467	AAG	LTE-TDD	7.82
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10468	AAG	LTE-TDD	8.32
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10469	AAG	LTE-TDD	8.56
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10470	AAG	LTE-TDD	7.83
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10471	AAG	LTE-TDD	8.32
LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10472	AAG	LTE-TDD	8.57
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10473	AAF	LTE-TDD	7.83
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10474	AAF	LTE-TDD	8.32
LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10475	AAF	LTE-TDD	8.57
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10477	AAG	LTE-TDD	8.32
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10478	AAG	LTE-TDD	8.57
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10479	AAC	LTE-TDD	7.74
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10480	AAC	LTE-TDD	8.18
LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10481	AAC	LTE-TDD	8.45
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10482	AAD	LTE-TDD	7.71
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10483	AAD	LTE-TDD	8.39
LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10484	AAD	LTE-TDD	8.47
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10485	AAG	LTE-TDD	7.59
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10486	AAG	LTE-TDD	8.38
LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10487	AAG	LTE-TDD	8.60
LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10488	AAG	LTE-TDD	7.70
LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10489	AAG	LTE-TDD	8.31
LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10490	AAG	LTE-TDD	8.54
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10491	AAF	LTE-TDD	7.74
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10492	AAF	LTE-TDD	8.41
LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10493	AAF	LTE-TDD	8.55
LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10494	AAG	LTE-TDD	7.74
LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10495	AAG	LTE-TDD	8.37
LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10496	AAG	LTE-TDD	8.54
LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10497	AAC	LTE-TDD	7.67
LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10498	AAC	LTE-TDD	8.40
LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10499	AAC	LTE-TDD	8.68
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10500	AAD	LTE-TDD	7.67
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10501	AAD	LTE-TDD	8.44
LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10502	AAD	LTE-TDD	8.52
LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10503	AAG	LTE-TDD	7.72
LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10504	AAG	LTE-TDD	8.31
LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10505	AAG	LTE-TDD	8.54
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10506	AAG	LTE-TDD	7.74
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10507	AAG	LTE-TDD	8.36
LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10508	AAG	LTE-TDD	8.55
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10509	AAF	LTE-TDD	7.99
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10510	AAF	LTE-TDD	8.48
LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10511	AAF	LTE-TDD	8.51
LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	10512	AAG	LTE-TDD	7.74
LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	10513	AAG	LTE-TDD	8.42
LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	10514	AAG	LTE-TDD	8.45
IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	10515	AAA	WLAN	1.57
IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	10516	AAA	WLAN	1.57

Communication System	UID	Rev	Group	PAR (dB)
IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	10517	AAA	WLAN	1.58
IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	10518	AAD	WLAN	8.23
IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	10519	AAD	WLAN	8.39
IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	10520	AAD	WLAN	8.12
IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	10521	AAD	WLAN	7.97
IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	10522	AAD	WLAN	8.45
IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	10523	AAD	WLAN	8.08
IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	10524	AAD	WLAN	8.27
IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	10525	AAD	WLAN	8.36
IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	10526	AAD	WLAN	8.41
IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	10527	AAD	WLAN	8.21
IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	10528	AAD	WLAN	8.36
IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	10529	AAD	WLAN	8.36
IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	10531	AAD	WLAN	8.43
IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	10532	AAD	WLAN	8.29
IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	10533	AAD	WLAN	8.38
IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	10534	AAD	WLAN	8.45
IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	10535	AAD	WLAN	8.45
IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	10536	AAD	WLAN	8.32
IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	10537	AAD	WLAN	8.44
IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	10538	AAD	WLAN	8.54
IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	10540	AAD	WLAN	8.39
IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	10541	AAD	WLAN	8.46
IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	10542	AAD	WLAN	8.65
IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	10543	AAD	WLAN	8.65
IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	10544	AAD	WLAN	8.47
IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	10545	AAD	WLAN	8.55
IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	10546	AAD	WLAN	8.35
IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	10547	AAD	WLAN	8.49
IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	10548	AAD	WLAN	8.37
IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	10550	AAD	WLAN	8.38
IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	10551	AAD	WLAN	8.50
IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	10552	AAD	WLAN	8.42
IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	10553	AAD	WLAN	8.45
IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	10554	AAE	WLAN	8.48
IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	10555	AAE	WLAN	8.47
IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	10556	AAE	WLAN	8.50
IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	10557	AAE	WLAN	8.52
IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	10558	AAE	WLAN	8.61
IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	10560	AAE	WLAN	8.73
IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	10561	AAE	WLAN	8.56
IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	10562	AAE	WLAN	8.69
IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	10563	AAE	WLAN	8.77
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	10564	AAA	WLAN	8.25
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	10565	AAA	WLAN	8.46
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	10566	AAA	WLAN	8.13
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	10567	AAA	WLAN	8.00
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	10568	AAA	WLAN	8.37
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	10569	AAA	WLAN	8.10
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	10570	AAA	WLAN	8.30
IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	10571	AAA	WLAN	1.99
IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	10572	AAA	WLAN	1.99
IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	10573	AAA	WLAN	1.98
IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	10574	AAA	WLAN	1.98
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	10575	AAA	WLAN	8.59
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	10576	AAA	WLAN	8.60
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	10577	AAA	WLAN	8.70
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	10578	AAA	WLAN	8.49
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	10579	AAA	WLAN	8.36
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	10580	AAA	WLAN	8.76

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IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	10581	AAA	WLAN	8.35
IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	10582	AAA	WLAN	8.67
IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	10583	AAD	WLAN	8.59
IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	10584	AAD	WLAN	8.60
IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	10585	AAD	WLAN	8.70
IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	10586	AAD	WLAN	8.49
IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	10587	AAD	WLAN	8.36
IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	10588	AAD	WLAN	8.76
IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	10589	AAD	WLAN	8.35
IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	10590	AAD	WLAN	8.67
IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	10591	AAD	WLAN	8.63
IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	10592	AAD	WLAN	8.79
IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	10593	AAD	WLAN	8.64
IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	10594	AAD	WLAN	8.74
IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	10595	AAD	WLAN	8.74
IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	10596	AAD	WLAN	8.71
IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	10597	AAD	WLAN	8.72
IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	10598	AAD	WLAN	8.50
IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	10599	AAD	WLAN	8.79
IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	10600	AAD	WLAN	8.88
IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	10601	AAD	WLAN	8.82
IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	10602	AAD	WLAN	8.94
IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	10603	AAD	WLAN	9.03
IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	10604	AAD	WLAN	8.76
IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	10605	AAD	WLAN	8.97
IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	10606	AAD	WLAN	8.82
IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	10607	AAD	WLAN	8.64
IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	10608	AAD	WLAN	8.77
IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	10609	AAD	WLAN	8.57
IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	10610	AAD	WLAN	8.78
IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	10611	AAD	WLAN	8.70
IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	10612	AAD	WLAN	8.77
IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	10613	AAD	WLAN	8.94
IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	10614	AAD	WLAN	8.59
IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	10615	AAD	WLAN	8.82
IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	10616	AAD	WLAN	8.82
IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	10617	AAD	WLAN	8.81
IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	10618	AAD	WLAN	8.58
IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	10619	AAD	WLAN	8.86
IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	10620	AAD	WLAN	8.87
IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	10621	AAD	WLAN	8.77
IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	10622	AAD	WLAN	8.68
IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	10623	AAD	WLAN	8.82
IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	10624	AAD	WLAN	8.96
IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	10625	AAD	WLAN	8.96
IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	10626	AAD	WLAN	8.83
IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	10627	AAD	WLAN	8.88
IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	10628	AAD	WLAN	8.71
IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	10629	AAD	WLAN	8.85
IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	10630	AAD	WLAN	8.72
IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	10631	AAD	WLAN	8.81
IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	10632	AAD	WLAN	8.74
IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	10633	AAD	WLAN	8.83
IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	10634	AAD	WLAN	8.80
IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	10635	AAD	WLAN	8.81
IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	10636	AAE	WLAN	8.83
IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	10637	AAE	WLAN	8.79
IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	10638	AAE	WLAN	8.86
IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	10639	AAE	WLAN	8.85
IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	10640	AAE	WLAN	8.98

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IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	10641	AAE	WLAN	9.06
IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	10642	AAE	WLAN	9.06
IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	10643	AAE	WLAN	8.89
IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	10644	AAE	WLAN	9.05
IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	10645	AAE	WLAN	9.11
LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	10646	AAH	LTE-TDD	11.96
LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	10647	AAG	LTE-TDD	11.96
CDMA2000 (1x Advanced)	10648	AAA	CDMA2000	3.45
LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	10652	AAF	LTE-TDD	6.91
LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	10653	AAF	LTE-TDD	7.42
LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	10654	AAE	LTE-TDD	6.96
LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	10655	AAF	LTE-TDD	7.21
Pulse Waveform (200Hz, 10%)	10658	AAB	Test	10.00
Pulse Waveform (200Hz, 20%)	10659	AAB	Test	6.99
Pulse Waveform (200Hz, 40%)	10660	AAB	Test	3.98
Pulse Waveform (200Hz, 60%)	10661	AAB	Test	2.22
Pulse Waveform (200Hz, 80%)	10662	AAB	Test	0.97
Bluetooth Low Energy	10670	AAA	Bluetooth	2.19
IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	10671	AAC	WLAN	9.09
IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	10672	AAC	WLAN	8.57
IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	10673	AAC	WLAN	8.78
IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	10674	AAC	WLAN	8.74
IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	10675	AAC	WLAN	8.90
IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	10676	AAC	WLAN	8.77
IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	10677	AAC	WLAN	8.73
IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	10678	AAC	WLAN	8.78
IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	10679	AAC	WLAN	8.89
IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	10680	AAC	WLAN	8.80
IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	10681	AAC	WLAN	8.62
IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	10682	AAC	WLAN	8.83
IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	10683	AAC	WLAN	8.42
IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	10684	AAC	WLAN	8.26
IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	10685	AAC	WLAN	8.33
IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	10686	AAC	WLAN	8.28
IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	10687	AAC	WLAN	8.45
IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	10688	AAC	WLAN	8.29
IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	10689	AAC	WLAN	8.55
IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	10690	AAC	WLAN	8.29
IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	10691	AAC	WLAN	8.25
IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	10692	AAC	WLAN	8.29
IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	10693	AAC	WLAN	8.25
IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	10694	AAC	WLAN	8.57
IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	10695	AAC	WLAN	8.78
IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	10696	AAC	WLAN	8.91
IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	10697	AAC	WLAN	8.62
IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	10698	AAC	WLAN	8.89
IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	10699	AAC	WLAN	8.82
IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	10700	AAC	WLAN	8.73
IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	10701	AAC	WLAN	8.86
IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	10702	AAC	WLAN	8.70
IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	10703	AAC	WLAN	8.82
IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	10704	AAC	WLAN	8.56
IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	10705	AAC	WLAN	8.69
IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	10706	AAC	WLAN	8.66
IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	10707	AAC	WLAN	8.32
IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	10708	AAC	WLAN	8.55
IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	10709	AAC	WLAN	8.33
IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	10710	AAC	WLAN	8.29
IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	10711	AAC	WLAN	8.39
IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	10712	AAC	WLAN	8.67

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IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	10713	AAC	WLAN	8.33
IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	10714	AAC	WLAN	8.26
IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	10715	AAC	WLAN	8.45
IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	10716	AAC	WLAN	8.30
IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	10717	AAC	WLAN	8.48
IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	10718	AAC	WLAN	8.24
IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	10719	AAC	WLAN	8.81
IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	10720	AAC	WLAN	8.87
IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	10721	AAC	WLAN	8.76
IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	10722	AAC	WLAN	8.55
IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	10723	AAC	WLAN	8.70
IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	10724	AAC	WLAN	8.90
IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	10725	AAC	WLAN	8.74
IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	10726	AAC	WLAN	8.72
IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	10727	AAC	WLAN	8.66
IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	10728	AAC	WLAN	8.65
IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	10729	AAC	WLAN	8.64
IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	10730	AAC	WLAN	8.67
IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	10731	AAC	WLAN	8.42
IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	10732	AAC	WLAN	8.46
IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	10733	AAC	WLAN	8.40
IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	10734	AAC	WLAN	8.25
IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	10735	AAC	WLAN	8.33
IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	10736	AAC	WLAN	8.27
IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	10737	AAC	WLAN	8.36
IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	10738	AAC	WLAN	8.42
IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	10739	AAC	WLAN	8.29
IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	10740	AAC	WLAN	8.48
IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	10741	AAC	WLAN	8.40
IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	10742	AAC	WLAN	8.43
IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	10743	AAC	WLAN	8.94
IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	10744	AAC	WLAN	9.16
IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	10745	AAC	WLAN	8.94
IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	10746	AAC	WLAN	9.11
IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	10747	AAC	WLAN	9.04
IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	10748	AAC	WLAN	8.93
IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	10749	AAC	WLAN	8.90
IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	10750	AAC	WLAN	8.79
IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	10751	AAC	WLAN	8.81
IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	10752	AAC	WLAN	8.81
IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	10753	AAC	WLAN	9.00
IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	10754	AAC	WLAN	8.94
IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	10755	AAC	WLAN	8.64
IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	10756	AAC	WLAN	8.77
IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	10757	AAC	WLAN	8.77
IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	10758	AAC	WLAN	8.69
IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	10759	AAC	WLAN	8.58
IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	10760	AAC	WLAN	8.49
IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	10761	AAC	WLAN	8.58
IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	10762	AAC	WLAN	8.49
IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	10763	AAC	WLAN	8.54
IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	10764	AAC	WLAN	8.54
IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	10765	AAC	WLAN	8.54
IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	10766	AAC	WLAN	8.51
5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	10767	AAG	5G NR FR1 TDD	7.99
5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	10768	AAE	5G NR FR1 TDD	8.01
5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	10769	AAD	5G NR FR1 TDD	8.01
5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	10770	AAE	5G NR FR1 TDD	8.02
5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	10771	AAD	5G NR FR1 TDD	8.02
5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	10772	AAE	5G NR FR1 TDD	8.23

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5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	10773	AAF	5G NR FR1 TDD	8.03
5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	10774	AAE	5G NR FR1 TDD	8.02
5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	10775	AAF	5G NR FR1 TDD	8.31
5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	10776	AAE	5G NR FR1 TDD	8.30
5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	10777	AAC	5G NR FR1 TDD	8.30
5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	10778	AAE	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	10779	AAC	5G NR FR1 TDD	8.42
5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	10780	AAE	5G NR FR1 TDD	8.38
5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	10781	AAF	5G NR FR1 TDD	8.38
5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	10782	AAE	5G NR FR1 TDD	8.43
5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	10783	AAG	5G NR FR1 TDD	8.31
5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	10784	AAE	5G NR FR1 TDD	8.29
5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	10785	AAD	5G NR FR1 TDD	8.40
5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	10786	AAE	5G NR FR1 TDD	8.35
5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	10787	AAD	5G NR FR1 TDD	8.44
5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	10788	AAE	5G NR FR1 TDD	8.39
5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	10789	AAF	5G NR FR1 TDD	8.37
5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	10790	AAE	5G NR FR1 TDD	8.39
5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	10791	AAG	5G NR FR1 TDD	7.83
5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	10792	AAE	5G NR FR1 TDD	7.92
5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	10793	AAD	5G NR FR1 TDD	7.95
5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	10794	AAE	5G NR FR1 TDD	7.82
5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	10795	AAD	5G NR FR1 TDD	7.84
5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	10796	AAE	5G NR FR1 TDD	7.82
5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	10797	AAF	5G NR FR1 TDD	8.01
5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	10798	AAE	5G NR FR1 TDD	7.89
5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	10799	AAF	5G NR FR1 TDD	7.93
5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	10801	AAF	5G NR FR1 TDD	7.89
5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	10802	AAE	5G NR FR1 TDD	7.87
5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	10803	AAF	5G NR FR1 TDD	7.93
5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	10805	AAE	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	10806	AAD	5G NR FR1 TDD	8.37
5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	10809	AAE	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	10810	AAF	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	10812	AAF	5G NR FR1 TDD	8.36
5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	10817	AAG	5G NR FR1 TDD	8.35
5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	10818	AAE	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	10819	AAD	5G NR FR1 TDD	8.33
5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	10820	AAE	5G NR FR1 TDD	8.30
5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	10821	AAD	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	10822	AAE	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	10823	AAF	5G NR FR1 TDD	8.36
5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	10824	AAE	5G NR FR1 TDD	8.39
5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	10825	AAF	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	10827	AAF	5G NR FR1 TDD	8.42
5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	10828	AAE	5G NR FR1 TDD	8.43
5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	10829	AAF	5G NR FR1 TDD	8.40
5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	10830	AAE	5G NR FR1 TDD	7.63
5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	10831	AAD	5G NR FR1 TDD	7.73
5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	10832	AAE	5G NR FR1 TDD	7.74
5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	10833	AAD	5G NR FR1 TDD	7.70
5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	10834	AAE	5G NR FR1 TDD	7.75
5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	10835	AAF	5G NR FR1 TDD	7.70
5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	10836	AAE	5G NR FR1 TDD	7.66
5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	10837	AAF	5G NR FR1 TDD	7.68
5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	10839	AAF	5G NR FR1 TDD	7.70
5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	10840	AAE	5G NR FR1 TDD	7.67
5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	10841	AAF	5G NR FR1 TDD	7.71
5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	10843	AAD	5G NR FR1 TDD	8.49
5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	10844	AAE	5G NR FR1 TDD	8.34

Communication System	UID	Rev	Group	PAR (dB)
5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	10846	AAE	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	10854	AAE	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	10855	AAD	5G NR FR1 TDD	8.36
5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	10856	AAE	5G NR FR1 TDD	8.37
5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	10857	AAD	5G NR FR1 TDD	8.35
5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	10858	AAE	5G NR FR1 TDD	8.36
5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	10859	AAF	5G NR FR1 TDD	8.34
5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	10860	AAE	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	10861	AAF	5G NR FR1 TDD	8.40
5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	10863	AAF	5G NR FR1 TDD	8.41
5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	10864	AAE	5G NR FR1 TDD	8.37
5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	10865	AAF	5G NR FR1 TDD	8.41
5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	10866	AAF	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	10868	AAF	5G NR FR1 TDD	5.89
5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	10897	AAE	5G NR FR1 TDD	5.66
5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	10898	AAC	5G NR FR1 TDD	5.67
5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	10899	AAB	5G NR FR1 TDD	5.67
5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	10900	AAC	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	10901	AAB	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	10902	AAC	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	10903	AAD	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	10904	AAC	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	10905	AAD	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	10906	AAD	5G NR FR1 TDD	5.68
5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	10907	AAE	5G NR FR1 TDD	5.78
5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	10908	AAC	5G NR FR1 TDD	5.93
5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	10909	AAB	5G NR FR1 TDD	5.96
5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	10910	AAC	5G NR FR1 TDD	5.83
5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	10911	AAB	5G NR FR1 TDD	5.93
5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	10912	AAC	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	10913	AAD	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	10914	AAC	5G NR FR1 TDD	5.85
5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	10915	AAD	5G NR FR1 TDD	5.83
5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	10916	AAD	5G NR FR1 TDD	5.88
5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	10917	AAD	5G NR FR1 TDD	5.94
5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	10918	AAE	5G NR FR1 TDD	5.86
5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	10919	AAC	5G NR FR1 TDD	5.86
5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	10920	AAB	5G NR FR1 TDD	5.87
5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	10921	AAC	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	10922	AAB	5G NR FR1 TDD	5.82
5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	10923	AAC	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	10924	AAD	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	10925	AAC	5G NR FR1 TDD	5.95
5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	10926	AAD	5G NR FR1 TDD	5.84
5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	10927	AAD	5G NR FR1 TDD	5.94
5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	10928	AAD	5G NR FR1 FDD	5.52
5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	10929	AAD	5G NR FR1 FDD	5.52
5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	10930	AAC	5G NR FR1 FDD	5.52
5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	10931	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	10932	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	10933	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	10934	AAC	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	10935	AAD	5G NR FR1 FDD	5.51
5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	10936	AAD	5G NR FR1 FDD	5.90
5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	10937	AAD	5G NR FR1 FDD	5.77
5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	10938	AAC	5G NR FR1 FDD	5.90
5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	10939	AAC	5G NR FR1 FDD	5.82
5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	10940	AAC	5G NR FR1 FDD	5.89
5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	10941	AAC	5G NR FR1 FDD	5.83
5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	10942	AAC	5G NR FR1 FDD	5.85

Communication System	UID	Rev	Group	PAR (dB)
5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	10943	AAD	5G NR FR1 FDD	5.95
5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	10944	AAD	5G NR FR1 FDD	5.81
5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	10945	AAD	5G NR FR1 FDD	5.85
5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	10946	AAC	5G NR FR1 FDD	5.83
5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	10947	AAC	5G NR FR1 FDD	5.87
5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	10948	AAC	5G NR FR1 FDD	5.94
5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	10949	AAC	5G NR FR1 FDD	5.87
5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	10950	AAC	5G NR FR1 FDD	5.95
5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	10951	AAD	5G NR FR1 FDD	5.92
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	10952	AAA	5G NR FR1 FDD	8.25
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	10953	AAA	5G NR FR1 FDD	8.15
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	10954	AAA	5G NR FR1 FDD	8.23
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	10955	AAA	5G NR FR1 FDD	8.42
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	10956	AAA	5G NR FR1 FDD	8.14
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	10957	AAA	5G NR FR1 FDD	8.31
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	10958	AAA	5G NR FR1 FDD	8.61
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	10959	AAA	5G NR FR1 FDD	8.33
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	10960	AAE	5G NR FR1 TDD	9.32
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	10961	AAC	5G NR FR1 TDD	9.36
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	10962	AAB	5G NR FR1 TDD	9.39
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	10963	AAC	5G NR FR1 TDD	9.55
5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	10964	AAE	5G NR FR1 TDD	9.29
5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	10965	AAC	5G NR FR1 TDD	9.37
5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	10966	AAB	5G NR FR1 TDD	9.55
5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	10967	AAC	5G NR FR1 TDD	9.42
5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	10968	AAD	5G NR FR1 TDD	9.49
5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	10974	AAD	5G NR FR1 TDD	10.28
ULLA BDR	10978	AAA	ULLA	1.16
ULLA HDR4	10979	AAA	ULLA	8.58
ULLA HDR8	10980	AAA	ULLA	10.32
ULLA HDRp4	10981	AAA	ULLA	3.19
ULLA HDRp8	10982	AAA	ULLA	3.43
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	10983	AAC	5G NR FR1 TDD	9.31
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	10984	AAB	5G NR FR1 TDD	9.42
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	10985	AAC	5G NR FR1 TDD	9.54
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	10986	AAB	5G NR FR1 TDD	9.50
5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	10987	AAC	5G NR FR1 TDD	9.53
5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	10988	AAB	5G NR FR1 TDD	9.38
5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	10989	AAC	5G NR FR1 TDD	9.34
5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	10990	AAB	5G NR FR1 TDD	9.52
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	11003	AAA	5G NR FR1 TDD	10.24
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	11004	AAA	5G NR FR1 TDD	10.73
5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	11005	AAA	5G NR FR1 FDD	8.70
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	11006	AAA	5G NR FR1 FDD	8.55
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	11007	AAA	5G NR FR1 FDD	8.46
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	11008	AAA	5G NR FR1 FDD	8.52
5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	11009	AAA	5G NR FR1 FDD	8.76
5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	11010	AAA	5G NR FR1 FDD	8.95
5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	11011	AAA	5G NR FR1 FDD	8.96
5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	11012	AAA	5G NR FR1 FDD	8.68
IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	11013	AAB	WLAN	8.47
IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	11014	AAB	WLAN	8.45
IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	11015	AAB	WLAN	8.44
IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	11016	AAB	WLAN	8.44
IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	11017	AAB	WLAN	8.40
IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	11018	AAB	WLAN	8.40
IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	11019	AAB	WLAN	8.29
IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	11020	AAB	WLAN	8.27
IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	11021	AAB	WLAN	8.46
IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	11022	AAB	WLAN	8.36

Communication System	UID	Rev	Group	PAR (dB)
IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	11 023	AAB	WLAN	8.09
IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	11 024	AAB	WLAN	8.42
IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	11 025	AAB	WLAN	8.37
IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	11 026	AAB	WLAN	8.39

Table 5: List of communication systems provided in the calibration file.