

APPENDIX C: PROBE AND DIPOLE CALIBRATION CERTIFICATIONS

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst

Service suisse d'étalonnage

Servizio svizzero di taratura
S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Client

Element Morgan Hill, USA Certificate No.

EUmm-9487_Apr24

CALIBRATION CERTIFICATE

Object

EUmmWV4 - SN:9487

/ 900 4125/24

Calibration procedure(s)

QA CAL-02.v9, QA CAL-25.v8, QA CAL-42.v3

Calibration procedure for E-field probes optimized for close near field

evaluations in air

Calibration date

April 08, 2024

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) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power sensor NRP110T	SN: 101244	12-Apr-23 (No. 0001A300692178)	Apr-24
Spectrum analyzer FSV40	SN: 101832	25-Jan-24 (No. 4030-315007551)	Jan-25
Ref. Probe EUmmWV3	SN: 9374	04-Dec-23 (No. EUmm-9374_Dec23)	Dec-24
DAE4ip	SN: 1662	08-Nov-23 (No. DAE4ip-1662_Nov23)	Nov-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Generator APSIN26G	SN: 669	28-Mar-17 (in house check May-23)	In house check: May-24
Generator Agilent E8251A	SN: US41140111	28-Mar-17 (in house check May-23)	In house check: May-24

Name

Function

Signature

Calibrated by

Joanna Lleshaj

Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Issued: April 10, 2024

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

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Glossary

NORMx,y sensitivity in free space DCP diode compression point

CF crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ φ rotation around probe axis

Polarization $\hat{\theta}$ or rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is

normal to probe axis

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system

Sensor Angles sensor deviation from the probe axis, used to calculate the field orientation and polarization

 \vec{k} is the wave propagation direction

Calibration is Performed According to the Following Standards:

 a) IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", December 2005

Methods Applied and Interpretation of Parameters:

- *NORMx,y*: Assessed for E-field polarization $\vartheta = 0$ ($f \le 900 \, \text{MHz}$ in TEM-cell; $f > 1800 \, \text{MHz}$: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- DCPx,y: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
 - Note: As the field is measured with a diode detector sensor, it is warrantied that the probe response is linear (E²) below the documented lowest calibrated value.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p, inductance L and capacitors C, C_p).
- Ax,y; Bx,y; Cx,y; Dx,y; VRx,y: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- · Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).
- Equivalent Sensor Angle: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORMx (no uncertainty required).
- Spherical isotropy (3D deviation from isotropy): in a locally homogeneous field realized using an open waveguide / horn setup.

Parameters of Probe: EUmmWV4 - SN:9487

Basic Calibration Parameters

	Sensor X	Sensor Y	Unc (k = 2)
Norm (μ V/(V/m) ²)	0.01865	0.02608	±10.1%
DCP (mV) B	105.0	105.0	±4.7%
Equivalent Sensor Angle	-59.1	36.6	

Calibration Results for Frequency Response (750 MHz - 110 GHz)

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (<i>k</i> = 2) dB
0.75	77.2	-0.10	-0.21	±0.43
1.8	140.4	0.01	-0.03	±0.43
2.0	133.0	0.12	0.16	±0.43
2.2	124.8	-0.08	-0.06	±0.43
2.5	123.0	0.09	0.11	±0.43
3.5	256.2	-0.14	-0.18	±0.43
3.7	249.8	-0.01	-0.07	±0.43
6.6	74.7	-0.04	-0.26	±0.98
8.0	67.2	-0.01	-0.11	±0.98
10.0	66.2	-0.01	0.02	±0.98
15.0	51.2	0.12	0.17	±0.98
26.6	112.6	0.20	0.18	±0.98
30.0	121.9	0.02	0.01	±0.98
35.0	121.3	-0.14	-0.14	±0.98
40.0	102.3	-0.25	-0.25	±0.98

50.0	61.5	-0.03	-0.07	±0.98
55.0	75.9	0.01	-0.05	±0.98
60.0	80.5	0.01	0.03	±0.98
65.0	77.1	0.10	0.14	±0.98
70.0	74.3	0.12	0.11	±0.98
75.0	74.8	0.01	-0.06	±0.98
75.0	96.6	0.00	-0.05	±0.98
80.0	95.4	-0.12	-0.12	±0.98
85.0	58.0	-0.10	-0.08	±0.98
90.0	84.0	-0.00	0.01	±0.98
92.0	83.9	0.03	0.02	±0.98
95.0	76.2	0.03	-0.01	±0.98
97.0	69.1	0.07	0.00	±0.98
100.0	66.9	0.13	0.11	±0.98
105.0	67.2	-0.21	-0.13	±0.98
110.0	78.1	0.05	0.01	±0.98

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

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^B Linearization parameter uncertainty for maximum specified field strength.

Parameters of Probe: EUmmWV4 - SN:9487

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
			dB	dB√ μV		dB	mV	dev.	Unc ^E
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	121.6	±2.7%	±4.7%
		Y	0.00	0.00	1.00		80.2		
10352	Pulse Waveform (200Hz, 10%)	X	1.32	60.00	14.15	10.00	6.0	±1.3%	±9.6%
		Y	1.56	60.00	14.48		6.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.90	60.00	13.14	6.99	12.0	±1.2%	±9.6%
		Y	1.06	60.00	13.49		12.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.54	60.00	12.07	3.98	23.0	±1.3%	±9.6%
		Y	0.66	60.00	12.31		23.0		
10355	Pulse Waveform (200Hz, 60%)	X	0.34	60.00	11.48	2.22	27.0	±0.9%	±9.6%
		Y	0.50	60.00	11.18		27.0	1	
10387	QPSK Waveform, 1 MHz	X	0.89	60.00	11.58	1.00	22.0	±1.7%	±9.6%
		Y	1.10	60.00	11.07		22.0		
10388	QPSK Waveform, 10 MHz	X	1.20	60.00	11.99	0.00	22.0	±0.7%	±9.6%
		Υ	1.44	60.00	11.41		22.0		
10396	64-QAM Waveform, 100 kHz	X	1.94	61.62	14.64	3.01	17.0	±0.7%	±9.6%
		Υ	1.91	60.00	13.48		17.0		
10399	64-QAM Waveform, 40 MHz	X	2.04	60.00	12.45	0.00	19.0	±0.9%	±9.6%
		Y	2.26	60.00	12.09		19.0]	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.02	60.00	12.87	0.00	12.0	±0.9%	±9.6%
		Y	3.35	60.00	12.52		12.0]	

Note: For details on UID parameters see Appendix

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

April 08, 2024

Parameters of Probe: EUmmWV4 - SN:9487

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (<i>k</i> = 2) dB
0.9	50.0	0.06	-0.04	±0.2
0.9	100.0	-0.01	-0.03	±0.2
0.9	500.0	0.04	0.03	±0.2
0.9	1000.0	0.06	0.05	±0.2
0.9	1500.0	0.05	0.03	±0.2
0.9	2100.0	0.00	0.00	±0.2

Sensor Frequency Model Parameters (750 MHz – 55 GHz)

	Sensor X	Sensor Y
R (Ω)	69.29	67.20
R _p (Ω)	99.29	92.47
L (nH)	0.06722	0.06235
C (pF)	0.2389	0.2979
C _p (pF)	0.0805	0.0932

Sensor Frequency Model Parameters (55 GHz – 110 GHz)

	Sensor X	Sensor Y
R (Ω)	44.96	45.23
$R_p(\Omega)$	197.48	206.10
L (nH)	0.09565	0.10398
C (pF)	0.0473	0.0449
C _D (pF)	0.0534	0.0501

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 ms V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	T6
Х	27.4	199.34	33.78	0.92	2.25	4.99	0.00	0.68	1.01
У	28.6	207.90	33.76	2.66	2.55	5.01	0.00	0.87	1.01

Other Probe Parameters

Sensor Arrangement	Rectangular
Connector Angle	-111.4°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

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Deviation from Isotropy in Air

60GHz: 3D isotropy, E-field parallel to probe axis

225

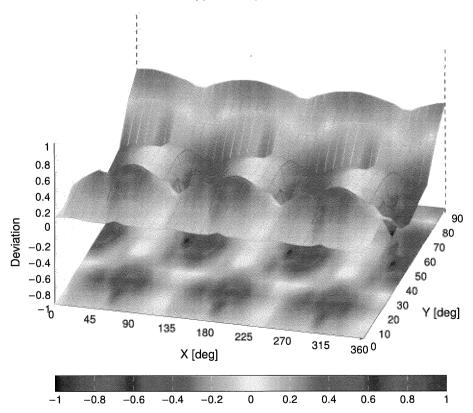
270

315

Y [deg]

20

3600



Probe isotropy for E_{tot} : probe rotated $\phi=0^\circ$ to 360°, tilted from field propagation direction \vec{k} Parallel to the field propagation ($\psi=0^\circ-90^\circ$) at 30 GHz: deviation within ± 0.49 dB Parallel to the field propagation ($\psi=0^\circ-90^\circ$) at 60 GHz: deviation within ± 0.55 dB

Deviation

-0.8 -1₀

45

135

180

X [deg]

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
		IEEE 802.15.1 Bluetooth (P/4-DQFSK, DH5)	Bluetooth	8.01	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	4.77	±9.6
10037		IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.17	±9.6
10038	CAA		CDMA2000	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1) IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)		7.78	±9.6
10042	CAB		AMPS		
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10 056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAE	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAE	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAE	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAE	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13 6.49	±9.6 ±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6 ±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.72 6.52	±9.6 ±9.6
10182	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.50	±9.6
10183	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10 185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK) IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.06 8.48	±9.6 ±9.6
10223	CAE	IEEE 802.11n (HT Mixed, 90 Mipps, 16-QAM)	WLAN	8.48	±9.6
10224	TOVE	TELE SOLITITITITININGU, TOURIDPS, OFTUNII)	TILAN	0.00	T 73.0

LUD	Davi	Communication Custom Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
UID 10225	CAC	Communication System Name UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG		LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH		LTE-TDD	9.30	±9.6
10268	CAG		LTE-TDD	10.06	±9.6
10269	CAG		LTE-TDD	9.58	±9.6 ±9.6
10270	CAG	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10)	WCDMA	3.96	±9.6
10275	CAA	PHS (QPSK)	PHS	11.81	±9.6
10277	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10279	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WiMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305	AAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	iDEN	10.51	±9.6
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAF	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAF	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAF	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAD	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAD	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAD	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAD	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAD	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG		LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAD	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN WCDMA	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)		6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000 WCDMA	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)		2.39 7.82	±9.6 ±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD		
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6 ±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57 7.82	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD		
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)		8.32 8.56	±9.6 ±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82 8.32	±9.6 ±9.6
104/1	AAG	LIL-IDD (30-FDIVIA, I ND, IVIVINZ, 10-QAIVI, UL 3001/8/118=2,3,4,7,0,9)	1 515-100	0.32	

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55 7.74	±9.6 ±9.6
10494	AAG				
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37 8.54	±9.6 ±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, 0L Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10499	AAC AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10502	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN WLAN	8.36	±9.6 ±9.6
10526	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.42 8.21	±9.6
10527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.21	±9.6
10528 10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.43	±9.6
10531	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10533	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
1 10000	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10535		IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32) ±9.6
10535 10536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN WLAN	8.32 8.44	±9.6
10535		IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN WLAN WLAN		±9.6 ±9.6 ±9.6

19541 ADD	UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10544 AAD					8.46	
1954 AAD EEEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.45 19.6 10546 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.35 19.6 10547 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.43 19.6 10547 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.47 19.6 10548 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.47 19.6 10550 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10551 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10552 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10552 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.42 19.6 10553 AAD EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.45 19.6 10554 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.45 19.6 10555 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.47 19.6 10556 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.47 19.6 10557 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.47 19.6 10558 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.47 19.6 10559 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10550 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.55 19.6 10551 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.52 19.6 10562 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.52 19.6 10563 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.51 19.6 10564 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10565 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10566 AAE EEE 802.11 as WFF (BOMHz, MCSS, 990 outry cycle) WILAN 8.50 19.6 10567 AAE EEE 802.11 as WFF (BOMHz, MCS	10542	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
1964 ADD EEE 80.21 Isa WFI (80 MHz, MCSS 1980 duly cycle)	10543	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
16546 ADD EEE 80.21 Isa WFIF (50 MFz, MCSS, 98pc duly cycle) WILAN 8.49 8.9.6	10544	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)		ļ	
19546 AAD EEE 802.11se WFI (80 MHz, MCSS, 98pc.duly gropie)	10545	AAD				
19556 AD EEE BOZ.11 NE WIFE (80 MHz, MCSS, 89pp cutty cycle)						
10550 AAD EEE 802 1126 WFF (80 MHz, MCSS, 99pc duty cycle) WLAN 8.50 9.96						
1955 AAD IEEE R02.11ac Wife R0MHz, MCSS 98pc duty cycle) WiAN 8.42 £9.8 1958 AAD IEEE R02.11ac Wife R0MHz, MCSS 98pc duty cycle) WiAN 8.42 £9.8 1958 AAD IEEE R02.11ac Wife R0MHz, MCSS, 98pc duty cycle) WiAN 8.45 £9.8 1958 AAD IEEE R02.11ac Wife R0MHz, MCSS, 98pc duty cycle) WiAN 8.45 £9.8 1958 AAE IEEE R02.11ac Wife (80 MHz, MCSS) 99pc duty cycle) WiAN 8.47 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.47 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.50 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.25 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.25 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.25 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.25 £9.6 1958 AAE IEEE R02.11ac Wife (160 MHz, MCSS) 99pc duty cycle) WiAN 8.37 £9.6 1958 AAE						
19552 AAD 1EEE 802.11 to WIF (80 MHz, MCSS, 89pc duty cycle) WIAN 8.45 19.6 19.5 19.						
19553 AAD IEEE 802.11 tax WIFF (60 MHz, MCS9, 990c duty cycle) WIAN 8.45 9.9.6 19555 AAE IEEE 802.11 tax WIFF (160 MHz, MCS1, 990c duty cycle) WIAN 8.47 9.9.6 19555 AAE IEEE 802.11 tax WIFF (160 MHz, MCS1, 990c duty cycle) WIAN 8.47 9.9.6 19556 AAE IEEE 802.11 tax WIFF (160 MHz, MCS1, 990c duty cycle) WIAN 8.50 19.5						
19556 AAE IEEE 802.110 WIF (160 MFW, MCS), 99pc duty cycle) WLAN 8.48 29.6 19566 AAE IEEE 802.110 WIF (160 MFW, MCS), 199pc duty cycle) WLAN 8.47 29.6 19566 AAE IEEE 802.110 WIF (160 MFW, MCS), 199pc duty cycle) WLAN 8.50 29.6 19567 AAE IEEE 802.110 WIF (160 MFW, MCS), 199pc duty cycle) WLAN 8.50 29.6 19568 AAE IEEE 802.110 WIF (160 MFW, MCS), 199pc duty cycle) WLAN 8.50 29.6 19568 AAE IEEE 802.110 WIF (160 MFW, MCS), 199pc duty cycle) WLAN 8.51 19.6 19560 AAE IEEE 802.110 WIF (160 MFW, MCS), 199pc duty cycle) WLAN 8.61 19.6 1					<u> </u>	
19556 ARE IEEE 802.11 to WiF (160 MHz, MCS1, 990; duty cycle) WIAN 8.50 1.9.6						
19556 ARE IEEE 802.11 ac WIFT (160 MHz, MCSS, 99pc duty cycle) WILAN 8.50 19.6						
10557 ARE IEEE 802.11a WIFI (160 MHz, MCSS, 99pc duty cycle) WI, AN						
19586 AAE						
1955 AAE IEEE 802 11ac WiF (160 MHz, MCSR, 39pc duly cycle) WIAN 8.56 19.6			, , , , , , , , , , , , , , , , , , , ,	WLAN	8.61	±9.6
19582 AAE IEEE 802.11a WiFl (160 MHz, MCS8, 99pc duty cycle) WIAN 8.98 1.9.6		AAE		WLAN	8.73	±9.6
19585 AAE IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 19 Mbps, 99pc duly cycle) WLAN 8.77 1.9.6	10561	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10585 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9Mbps, 99pc duty cycle) WLAN 8.25 1.9.6 10586 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.13 1.9.6 10586 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.13 1.9.6 10586 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.37 1.9.6 10588 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.37 1.9.6 10589 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 34 Mbps, 99pc duty cycle) WLAN 8.30 1.9.6 10597 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 34 Mbps, 99pc duty cycle) WLAN 8.30 1.9.6 10571 AAA EEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 34 Mbps, 99pc duty cycle) WLAN 8.30 1.9.6 10573 AAA EEE 802.11b WiFi 2.4 GHz (DSSS, 14 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10573 AAA EEE 802.11b WiFi 2.4 GHz (DSSS, 14 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10574 AAA EEE 802.11b WiFi 2.4 GHz (DSSS, 15 Mbps, 90pc duty cycle) WLAN 1.9.8 1.9.6 10575 AAA EEE 802.11b WiFi 2.4 GHz (DSSS, 15 Mbps, 90pc duty cycle) WLAN 1.9.8 1.9.6 10576 AAA EEE 802.11b WiFi 2.4 GHz (DSSS, 15 Mbps, 90pc duty cycle) WLAN 1.9.8 1.9.6 10577 AAA EEE 802.11b WiFi 2.4 GHz (DSSS, 15 Mbps, 90pc duty cycle) WLAN 1.9.8 1.9.6 10578 AAA EEE 802.11g WiFi 2.4 GHz (DSSS, 15 Mbps, 90pc duty cycle) WLAN 8.60 1.9.6 10579 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc duty cycle) WLAN 8.60 1.9.6 10579 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc duty cycle) WLAN 8.70 1.9.6 10579 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc duty cycle) WLAN 8.67 1.9.6 10580 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc duty cycle) WLAN 8.67 1.9.6 10580 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 Mbps, 90pc duty cycle) WLAN 8.67 1.9.6 10580 AAA EEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 14 M	10562	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10566 AAA	10563	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10567 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle) WLAN 8.13 1.9.6 10568 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle) WLAN 8.37 1.9.6 10568 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.37 1.9.6 10569 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.10 1.9.6 10570 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle) WLAN 8.30 1.9.6 10571 AAA REEE 802.11b WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10573 AAA REEE 802.11b WIFI 2.4 GHz (DSSS, 18 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10573 AAA REEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10573 AAA REEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10573 AAA REEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10576 AAA REEE 802.11g WIFI 2.4 GHz (DSSS, 17 Mbps, 90pc duty cycle) WLAN 1.9.9 1.9.6 10576 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.50 1.9.6 10576 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.50 1.9.6 10576 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.60 1.9.6 10577 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.60 1.9.6 10577 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.70 1.9.6 10577 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.70 1.9.6 10587 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.70 1.9.6 10588 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.76 1.9.6 10588 AAA REEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 91mbps, 90pc duty cycle) WLAN 8.76 1.9.6 10588 AAA REEE 802.11g WIFI 2.4 GHz	10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)			
10568 AAA						
10568 AAA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duty cycle) WLAN 8.37						
10569 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle) WLAN 8.30 19.6 10570 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 1.99 19.6 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 19.6 10572 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.98 19.6 10574 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.98 19.6 10574 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5 Mbps, 90pc duty cycle) WLAN 1.98 19.6 10575 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 5 DFDM, 6 Mbps, 90pc duty cycle) WLAN 1.98 19.6 10576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle) WLAN 8.50 19.6 10576 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.60 19.6 10577 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.70 19.6 10578 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.70 19.6 10579 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 2 Mbps, 90pc duty cycle) WLAN 8.36 19.6 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle) WLAN 8.36 19.6 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle) WLAN 8.36 19.6 10580 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle) WLAN 8.36 19.6 10581 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle) WLAN 8.36 19.6 10582 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle) WLAN 8.36 19.6 10583 AAD IEEE 802.11a/WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle) WLAN 8.67 19.6 10583 AAD IEEE 802.11a/WiFi 5 GHz (OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.67 19.6 10586 AAD IEEE 802.11a/WiFi 5 GHz (OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.70 19.6 10588 AAD IEEE 802.11a/WiFi 5 GHz (OFDM, 8 Mbps, 90pc duty cycle) WLAN 8						
10570 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle) WLAN 1.99 ±9.6 10571 AAA IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 ±9.6 10573 AAA IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.99 ±9.6 10573 AAA IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.98 ±9.6 10573 AAA IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.98 ±9.6 10574 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 1.98 ±9.6 10575 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) WLAN 8.59 ±9.6 10576 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.60 ±9.6 10577 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.70 ±9.6 10578 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.70 ±9.6 10578 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.49 ±9.6 10578 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 1 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6 10581 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6 10581 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6 10581 AAA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.75 ±9.6 10583 AAD IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.75 ±9.6 10586 AAD IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10586 AAD IEEE 802.11g WIFI 2.4 GHz (DFDM, 1 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10586 AAD IEEE 802.11g WIFI 5 GHz (DFDM, 1 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10586 AAD IEEE 802.11g WIFI 5 GHz (DFDM, 1 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10586 AAD IEEE 802.11g WIFI 5 GHz (DFDM, 5 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6						
10577						
10572						
10573						
10574						
10575						
10577 AAA		AAA		WLAN	8.59	±9.6
10578	10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10579	10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10580	10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)		8.49	±9.6
10581 AAA	10579	AAA				
10582 AAA						
10583 AAD						4
10584 AAD						
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10588 AAD IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) WLAN 8.76 ±9.6						
10589 AAD IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle) WLAN 8.35 ±9.6 10590 AAD IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle) WLAN 8.67 ±9.6 10591 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle) WLAN 8.63 ±9.6 10592 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle) WLAN 8.79 ±9.6 10593 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle) WLAN 8.64 ±9.6 10594 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10595 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10596 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle) WLAN 8.71 ±9.6 10597 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle) WLAN 8.72 ±9.6 10598 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle) WLAN 8.72 ±9.6 10599 AAD IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle) WLAN 8.50 ±9.6 10599 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle) WLAN 8.79 ±9.6 10600 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle) WLAN 8.88 ±9.6 10601 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.82 ±9.6 10602 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10603 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.94 ±9.6 10604 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle) WLAN 8.97 ±9.6 10605 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10606 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10606 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10606 AAD IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle) WLAN 8.97 ±9.6 10607 AAD IEEE 802.11a (WIFI (20 MHz, MCS6, 90pc duty cycl						
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10 607 AAD IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle) WLAN 8.64 ±9.6						
10608 AAD IEEE 802 11ac WiEi (20 MHz MCS1 90pc duty cycle) WI AN 9.77 ±9.6	10607	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10000 AND TELE 002.1180 WITT (20 WITT), 10001, 30 pc duty cycle)	10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB) 8.57	
10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN WLAN		±9.6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)		8.78	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN WLAN	8.70 8.77	±9.6 ±9.6
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.94	±9.6
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.59	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10615	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS), 30pc duty cycle)	WLAN	8.81	±9.6
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 30pc duty cycle)	WLAN	8.58	±9.6
10618	AAD		WLAN	8.86	±9.6
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10620	AAD		WLAN	8.77	±9.6
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.68	±9.6
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.82	±9.6
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.96	±9.6
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)			
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN WLAN	8.85	±9.6
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)		8.72	±9.6
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN WLAN	8.83 8.79	±9.6 ±9.6
10637	AAE	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.86	±9.6
10638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)		8.85	
10639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN WLAN	8.98	±9.6 ±9.6
10640	AAE	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.06	±9.6
10641	AAE	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10644	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.03	±9.6
10645	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 13MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10658	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10670	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10 707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26 8.45	±9.6
10715 10716	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.30	±9.6 ±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle) IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10713	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743 10744	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16 8.93	±9.6 ±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.11	±9.6 ±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAF	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAE	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.29 8.40	±9.6 ±9.6
10785 10786	AAD AAE	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAG	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.36	±9.6
10824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39 8.41	±9.6 ±9.6
10825	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.42	±9.6 ±9.6
10827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.43	±9.6
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1889 AN	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
1889 AAC 50 KR (PC) POTAL ISR, 15MHz, OPEK, 50HHz)			•	•		
16828 AAC 60 RR (CP-OPDM, 1 RB, 20MHz, OPSK, 600Hz)				5G NR FR1 TDD	7.63	±9.6
1883 ADD SG NR (CP-OPEM, 1 R8, 35MHz, OPSK, 60Hz) SG NR FRI TIDD 7.70 ±3.6				5G NR FR1 TDD	7.73	±9.6
1885 ARE SON NIC (POPOM, 1 RB, 40 MHz, 0 PSK, 50 MHz)	10832	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10856 AAF SON NIC POPEM, 1 B. 50 MHz, OPSK, 50 MHz)	10833	AAD		5G NR FR1 TDD	7.70	±9.6
10827 ARF 50 NR (CP-OPEN, 1 R. 50 MHz, OPEN, 60 MHz)	10834	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
1888 ARF SG NR (CP-OPEM, 18, 80 MHz, OPSK, 60 MHz)	10835	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
1888 ARF SO NR (CP-OFDM, 189, 80 MHz, OPSK, 60 MHz)	10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
1886 ARE SO NR (CP-OFDM. 18.9. 09MHz, OPSK. 60MHz) 56 NR FRI TIDD 7.67 1.9.6.	10837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
19843 AAP SO NR (CP-OFDM, 59% RB, 1984M, CPSK, 690Hz) SO NR FPH TDD 8.49 ±9.6 19844 AAE SO NR (CP-OFDM, 59% RB, 200Hz, CPSK, 690Hz) SO NR FPH TDD 8.34 ±9.6 19846 AAE SO NR (CP-OFDM, 59% RB, 200Hz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 19845 AAE SO NR (CP-OFDM, 100% RB, 100Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 19855 AAD SO NR (CP-OFDM, 100% RB, 100Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 19855 AAE SO NR (CP-OFDM, 100% RB, 100Mtz, CPSK, 690Hz) SO NR (CP-OFDM, 100% RB, 200Mtz, CPSK, 690Hz) SO NR FPH TDD 8.37 ±9.6 19.8 SO NR (CP-OFDM, 100% RB, 200Mtz, CPSK, 690Hz) SO NR FPH TDD 8.36 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.34 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CP-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 8.41 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 5.64 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 690Hz) SO NR FPH TDD 5.64 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 500Hz) SO NR FPH TDD 5.68 ±9.6 SO NR (CPT-OFDM, 100% RB, 500Mtz, CPSK, 500Hz) SO NR FP	10839	AAF		5G NR FR1 TDD	7.70	±9.6
10844 AAB SO NR (CP-OFDM, 50% RB, 15MHz, OPSK, GOMHz) 50 NR FRI TIDD 8.49 ± 9.6	10840	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10846 AAE SO NR (CP-OFDM, 50% RB, 20 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.34 ±8.6 10856 AAE SO NR (CP-OFDM, 100% RB, 10 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.34 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 10 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.34 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.34 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.34 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.35 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 60 MHz) 50 MF PRI TIDD 8.35 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.36 ±8.6 10855 AAE SO NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.34 ±8.6 10850 AAE SO NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.41 ±8.6 10850 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.41 ±8.6 10850 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.41 ±8.6 10850 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.41 ±8.6 10850 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.41 ±8.6 10850 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 8.41 ±8.6 10850 AAE 50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 60 MHz) 50 MHz PRI TIDD 50 MHz	10841	AAF	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
1986 ARE 5G NR (ICP-OFDM, 50% RB, 30 MHz, OPSK, 60 MHz) 5G NR FRI TDD 8.34 ±8.8 10855 AAD 5G NR (ICP-OFDM, 100% RB, 1080Hz, OPSK, 60 MHz) 5G NR FRI TDD 8.36 ±4.6 10855 AAD 5G NR (ICP-OFDM, 100% RB, 2000Hz, OPSK, 60 MHz) 5G NR FRI TDD 8.36 ±4.6 10857 AAD 3G NR (ICP-OFDM, 100% RB, 20 MHz, OPSK, 60 MHz) 5G NR FRI TDD 8.36 ±8.6 10857 AAD 3G NR (ICP-OFDM, 100% RB, 20 MHz, OPSK, 60 MHz) 5G NR FRI TDD 8.36 ±8.6 10858 AAE 5G NR (ICP-OFDM, 100% RB, 30 MHz, OPSK, 60 MHz) 5G NR FRI TDD 8.36 ±9.8 10859 AAE 5G NR (ICP-OFDM, 100% RB, 30 MHz, OPSK, 60 MHz) 5G NR FRI TDD 8.34 ±9.8 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.34 ±9.8 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.34 ±9.8 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.40 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.40 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.40 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.41 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 50 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.41 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 100 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.41 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 100 MHz, OPSK, 50 MHz) 5G NR FRI TDD 8.41 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 100 MHz, OPSK, 50 MHz) 5G NR FRI TDD 5.89 ±9.6 10859 AAE 5G NR (ICP-OFDM, 100% RB, 100 MHz, OPSK,	10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		
10855 AAD 50 NR (PC-POPM, 100% RB, 10MHz, OPSK, 60MHz)						
10855 AAD SG NR (CP-OFDM, 100% RB, 51MHz, OPSK, 601Hz) SG NR FRI TDD B.37 ±8.8 10857 AAD SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.35 ±8.6 10858 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.35 ±8.6 10859 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.36 ±8.6 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.36 ±8.6 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.8 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.8 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.8 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.8 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.8 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.8 10850 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.6 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.6 AAE SG NR (CP-OFDM, 100% RB, 500Hz, OPSK, 601Hz) SG NR FRI TDD B.41 ±9.6 AAE SG NR (CP-OFDM, 100% RB, 100Hz, OPSK, 601Hz) SG NR FRI TDD			, , , , , , , , , , , , , , , , , , , ,			
10855 AAE SG NR (CP-GFOM, 100% RB, 20MHz, CPSK, 60 MHz) SG NR FRI TOD 8.35 ±3.6 1085 AAE SG NR (CP-GFOM, 100% RB, 20 MHz, CPSK, 60 MHz) SG NR FRI TOD 8.36 ±3.6 1085 AAE SG NR (CP-GFOM, 100% RB, 40 MHz, CPSK, 60 MHz) SG NR FRI TOD 8.36 ±3.6 1085 AAE SG NR (CP-GFOM, 100% RB, 40 MHz, CPSK, 60 MHz) SG NR FRI TOD 8.41 ±3.6 1085 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 60 MHz) SG NR FRI TOD 8.41 ±3.6 1085 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 60 MHz) SG NR FRI TOD 8.41 ±3.6 1085 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CP-GFOM, 100% RB, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CPT-GFOM, 106 MR, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 8.41 ±3.6 1086 AAE SG NR (CPT-GFOM, 106 MR, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 5.88 ±3.6 1086 AAE SG NR (CPT-GFOM, 106 MR, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 5.88 ±3.6 1086 AAE SG NR (CPT-GFOM, 106 MR, 50 MHz, CPSK, 50 MHz) SG NR FRI TOD 5.89 ±3.6 10870 AAE SG NR (CPT-GFOM, 106 MR, 50 MHz, CPSK, 120 MHz) SG NR FRI TOD 5.75 ±3.6 10870 AAE SG NR (CPT-GFOM, 106 MR, 106 MHz, CPSK, 120 MHz) SG NR FRI TOD 5.75 ±3.6 10870 AAE SG NR (CPT-GFOM, 106 NR, 106 MHz, CPSK, 120 MHz) SG NR FRI TOD 5.75 ±3.6 10870 AAE SG NR (CPT-GFOM, 106 NR, 106 MHz, CPSK, 120 MHz) SG NR FRI TOD 5.75 ±3.6 10872 AAE SG NR (CPT-GFOM, 106 NR, 106 MHz, CPSK, 120 MHz) SG NR FRI TOD 5.75 ±3.6 10872 AAE SG NR (CPT-GFOM, 106 NR, 106 MHz, CPSK, 120 MHz) SG NR FRI TOD 5.75 ±3.6 108						
10856 AAD GA NR (CP-OFDM, 100% RB, 25MHz, OPSK, 60Hz) 5G NR FR1 TDD 8.36 3.9.6 3						
10859 AAE GG NR (CP-OFDM, 100% RB, 30MHz, OPSK, 60MHz)						
10856 AAF GG NR (CP-CPDM, 100% RB, 40MHz, CPSK, 60MHz)		1				
10860 AAE \$6 NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60Hz) \$6 NR FRI TDD \$4.10 \$9.6 \$1.0861 AAF \$6 NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60Hz) \$6 NR FRI TDD \$4.41 \$9.6 \$1.0863 AAF \$6 NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60Hz) \$6 NR FRI TDD \$4.41 \$9.6 \$1.0864 AAF \$6 NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60Hz) \$6 NR FRI TDD \$4.71 \$9.6 \$1.0866 AAF \$6 NR (CP-OFDM, 100% RB, 50MHz, CPSK, 60Hz) \$6 NR FRI TDD \$4.71 \$9.6 \$1.0866 AAF \$6 NR (CP-OFDM, 100% RB, 100MHz, CPSK, 50Hz) \$6 NR FRI TDD \$5.68 \$9.6 \$1.0866 AAF \$6 NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 50Hz) \$6 NR FRI TDD \$5.68 \$9.6 \$1.0868 AAF \$6 NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 50Hz) \$6 NR FRI TDD \$5.8 \$9.6 \$1.0868 AAF \$6 NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) \$6 NR FRI TDD \$5.8 \$9.6 \$1.0869 AAE \$6 NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) \$6 NR FRI TDD \$5.8 \$9.6 \$1.0871 AAE \$6 NR (CPT-SOFDM, 100% RB, 100MHz, 160AM, 120Hz) \$6 NR FRI TDD \$5.6 \$9.6 \$1.0871 AAE \$6 NR (CPT-SOFDM, 100% RB, 100MHz, 160AM, 120Hz) \$6 NR FRI TDD \$5.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100% RB, 100MHz, 160AM, 120Hz) \$6 NR FRI TDD \$5.75 \$9.8 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100% RB, 100MHz, 160AM, 120Hz) \$6 NR FRI TDD \$6.5 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100WHz, 640AM, 120Hz) \$6 NR FRI TDD \$6.5 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100WHz, 640AM, 120Hz) \$6 NR FRI TDD \$6.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100WHz, 640AM, 120Hz) \$6 NR FRI TDD \$6.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100WHz, 640AM, 120Hz) \$6 NR FRI TDD \$6.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100WR, 100WHz, 640AM, 120Hz) \$6 NR FRI TDD \$6.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFDM, 100WR, 100WHz, 640AM, 120WHz) \$6 NR FRI TDD \$6.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFM, 100WR, 100WHz, 640AM, 120WHz) \$6 NR FRI TDD \$6.6 \$9.6 \$1.0873 AAE \$6 NR (CPT-SOFM, 100WR, 100WHz, 640AM, 120WHz) \$6 NR FRI TD						
10861 AAF SG NR (CP-OFDM, 100% RB, 80MHz, CPSK, 60Hz) SG NR FRI TDD 8.40 ±9.6 10883 AAF SG NR (CP-OFDM, 100% RB, 90MHz, CPSK, 60Hz) SG NR FRI TDD 8.41 ±9.6 10885 AAF SG NR (CP-OFDM, 100% RB, 90MHz, CPSK, 60Hz) SG NR FRI TDD 8.41 ±9.6 10885 AAF SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 60Hz) SG NR FRI TDD 5.88 ±9.6 10886 AAF SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 60Hz) SG NR FRI TDD 5.88 ±9.6 10886 AAF SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 50Hz) SG NR FRI TDD 5.89 ±9.6 10886 AAF SG NR (CPT-SOFDM, 18, 100MHz, CPSK, 50Hz) SG NR FRI TDD 5.89 ±9.6 10886 AAF SG NR (CPT-SOFDM, 18, 100MHz, CPSK, 120Hz) SG NR FRI TDD 5.89 ±9.6 10870 AAE SG NR (CPT-SOFDM, 18, 100MHz, CPSK, 120Hz) SG NR FRI TDD 5.89 ±9.6 10870 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FRI TDD 5.57 ±9.6 10871 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 5.75 ±9.6 10872 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 5.75 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.62 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.62 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.61 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.62 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.61 ±9.6 10873 AAE SG NR (CPT-SOFM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.77 59.6 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 6.77 59.6 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 5.90 19.8 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 5.78 19.8 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 150AM, 120Hz) SG NR FRI TDD 5.78 19.8 10887						
10863 AAF SG NR (CP-OFDM, 100% RB, 90MHz, CPSK, 60HHz) SG NR FRI TDD 8.41 9.86 10864 AAF SG NR (CP-OFDM, 100% RB, 90MHz, CPSK, 50KHz) SG NR FRI TDD 8.41 9.86 10866 AAF SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 50KHz) SG NR FRI TDD 5.68 9.86 10866 AAF SG NR (CPT-S-OFDM, 100% RB, 100MHz, CPSK, 50kHz) SG NR FRI TDD 5.68 9.86 10866 AAF SG NR (CPT-S-OFDM, 100% RB, 100MHz, CPSK, 30kHz) SG NR FRI TDD 5.68 9.86 10868 AAF SG NR (CPT-S-OFDM, 100% RB, 100MHz, CPSK, 120kHz) SG NR FRI TDD 5.75 9.9.6 10869 AAF SG NR (CPT-S-OFDM, 108, 100MHz, CPSK, 120kHz) SG NR FRI TDD 5.75 9.9.6 10870 AAE SG NR (CPT-S-OFDM, 108, 100MHz, CPSK, 120kHz) SG NR FRI TDD 5.75 9.9.6 10871 AAE SG NR (CPT-S-OFDM, 18B, 100MHz, GPSK, 120kHz) SG NR FRI TDD 5.75 9.9.6 10872 AAE SG NR (CPT-S-OFDM, 18B, 100MHz, 16CAM, 120kHz) SG NR FRI TDD 5.75 9.9.6 10873 AAE SG NR (CPT-S-OFDM, 18B, 100MHz, 16CAM, 120kHz) SG NR FRI TDD 6.52 9.9.6 10874 AAE SG NR (CPT-S-OFDM, 18B, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 6.51 9.9.6 10874 AAE SG NR (CPT-S-OFDM, 18B, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 6.61 9.9.6 10875 AAE SG NR (CPT-S-OFDM, 18B, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 6.65 9.9.6 10876 AAE SG NR (CPT-SOFDM, 18B, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 6.65 9.9.6 10877 AAE SG NR (CPT-SOFDM, 18B, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 6.65 9.9.6 10876 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 7.95 9.9.6 10878 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 7.95 9.9.6 10878 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 7.95 9.9.6 10878 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, 6CAM, 120kHz) SG NR FRI TDD 8.12 9.9.6 10878 AAE SG NR (CPT-OFDM, 100% RB, 50MHz, 6CAM, 120kHz) SG NR FRI TDD 8.19 9.9.6 10880 AAE SG NR (CPT-OFDM, 100% RB, 50MHz, 6CAM, 120kHz) SG NR FRI TDD			, , , , , , , , , , , , , , , , , , , ,		-	
10863 AAE 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz) 5G NR FR1 TDD 8.37 ±9.6 10865 AAF 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 80 kHz) 5G NR FR1 TDD 5.68 ±9.6 10868 AAF 5G NR (DFTs-OFDM, 118, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10868 AAF 5G NR (DFTs-OFDM, 118, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.69 ±9.6 10870 AAE 5G NR (DFTs-OFDM, 118, 100 MHz, QPSK, 30 kHz) 5G NR FR2 TDD 5.68 ±9.6 10870 AAE 5G NR (DFTs-OFDM, 118, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.86 ±9.6 10870 AAE 5G NR (DFTs-OFDM, 118, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.86 ±9.6 10872 AAE 5G NR (DFTs-OFDM, 118, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 5.86 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 118, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 118, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.52 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 108, 8B, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10873 AAE 5G NR (CP-OFDM, 118, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10873 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10873 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10873 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10873 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 160 AM, 120 kHz) 5G NR FR2 TDD 7.96 ±9.6 10873 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 7.96 ±9.6 10883 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 7.96 ±9.6 10883 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.57 59.6 10883 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 100 MHz, 640 AM, 120 kHz) 5G NR FR2 TDD 6.59 59.6 10883 AAE 5G NR (CP-OFD					 	
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10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz) 5G NR FR2 TDD 8.12 ±9.6	10877		5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	
10880 AAE 5G NR (CP-OFDM, 100% RB, 100MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 1 RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50MHz, 120kHz) 5G NR FR2 TDD 6.66 ±9.6 10887 AAE 5G NR (DFT-S-OFDM, 100% RB, 50MHz, 120kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (DF-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 6.65 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.35 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.66 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.66 ±9.6 10893 AAE 5G NR (CP-SOFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.67 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 RB, 20MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 RB, 20MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-S-OFDM, 1 RB, 50MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-S-OFDM, 1 RB,	10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10881 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 10% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 10% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (DFT-s-OFDM, 1 10% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 10% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz,	10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10882 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 1 NB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 NB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (DFT-S-OFDM, 1 NB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (DFT-S-OFDM, 1 NB, 50 MHz, 64QAM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6 10893 AAE 5G NR (DFT-S-OFDM, 1 NB, 50 MHz, 000 kHz) 5G NR FR1 TDD 5.66 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 NB, 15 MHz, 000 kHz) 5G NR FR1 TDD 5.67 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 NB, 15 MHz, 000 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 NB, 20 MHz, 000 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 NB, 30 MHz, 000 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-S-OFDM, 1 NB, 30 MHz, 000 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-S-OFDM, 1 NB, 30 MHz, 000 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAD 5G NR (D	10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10883 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 110% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (DFT-s-OFDM, 110% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10894 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10895 AAE 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAE 5G NR (DFT	10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10884 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.14 ±9.6 10893 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10893 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 5.66 ±9.6 10893 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10893 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10903 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR	10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10885 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR1 TDD 5.66 ±9.6 10893 AAE 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6	10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10886 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10898 AAC 5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6		_		5G NR FR2 TDD	6.53	±9.6
10887 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10888 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.35 ±9.6 10889 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.02 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAE 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10898 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR			, , , , , , , , , , , , , , , , , , , ,			
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10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.40 ±9.6 10891 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10892 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10897 AAE 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.66 ±9.6 10898 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 T						
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10903 AAD 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAE 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6		<u> </u>				
10904 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAE 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10905 AAD 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAD 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAE 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
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10907 AAE 5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10908 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	10907	AAE				
	10908	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	
10910 AAC 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 ±9.6	10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
	10910	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

10911 AAB 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 10912 AAC 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10913 AAD 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10914 AAC 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10922	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10913 AAD 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10914 AAC 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10914 AAC 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 T	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10915 AAD 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10916 AAD 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 15 kHz) 5G NR FR1	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10917 AAD 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10927 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD </td <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10918 AAE 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD </td <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10919 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD <td>±9.6 ±9.6 ±9.6 ±9.6 ±9.6</td>	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10921 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD	±9.6 ±9.6 ±9.6 ±9.6
10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD <	±9.6 ±9.6 ±9.6
10923 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD	±9.6 ±9.6
10924 AAD 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10925 AAC 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	
10926 AAD 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	1 ±9.6
10927 AAD 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	
10928 AAD 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10929 AAD 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51	±9.6
	±9.6
LACCOL LAAD LECAND (DET - OFDM A DD FOMUL- ODOV AFRUL-)	±9.6
	±9.6
10936 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10937 AAD 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77	±9.6
10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.90	±9.6
10939 AAC 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82	±9.6
10940 AAC 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.89	±9.6
10941 AAC 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 10942 AAC 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.85	±9.6
	±9.6
	±9.6
	±9.6
	±9.6
10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83 10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87	±9.6
10947 AAC 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94	±9.6
10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87	±9.6
10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94	±9.6
10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92	±9.6
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25	±9.6
10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15	±9.6
10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23	±9.6
10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42	±9.6
10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14	±9.6
10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31	±9.6
10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61	±9.6
10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33	±9.6
10960 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32	±9.6
10961 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36	±9.6
10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40	±9.6
10963 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55	±9.6
10964 AAE 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29	±9.6
10965 AAC 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37	±9.6
10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55	±9.6
10967 AAC 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42	±9.6
10968 AAD 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49	±9.6
10972 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59	±9.6
10973 AAD 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06	±9.6
10974 AAD 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28	±9.6
10978 AAA ULLA BDR ULLA 1.16	±9.6
10979 AAA ULLA HDR4 ULLA 8.58	±9.6
10980 AAA ULLA HDR8 ULLA 10.32	±9.6
10981 AAA ULLA HDRp4 ULLA 3.19	±9.6
10982 AAA ULLA HDRp8 ULLA 3.43	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAC	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAB	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAC	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAB	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAB	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAB	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAB	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAB	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAB	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAB	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAB	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAB	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAB	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAB	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAB	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

Client

Element Morgan Hill, USA Certificate No.

EX-3746_Oct23

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:3746

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

October 16, 2023

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 \pm 3) $^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name

Function

Signature

Calibrated by

Jeton Kastrati

Laboratory Technician

Approved by

Sven Kühn Technical Manager

Issued: October 16, 2023

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: EX-3746_Oct23

Page 1 of 22

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst

C Service suisse d'étalonnage Servizio svizzero di taratura

S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary

TSL tissue simulating liquid

NORMx,y,z sensitivity in free space

ConvF sensitivity in TSL / NORMx,y,z

DCP diode compression point

CF crest factor (1/duty_cycle) of the RF signal A, B, C, D modulation dependent linearization parameters

Polarization φ φ rotation around probe axis

Polarization ϑ ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is

normal to probe axis

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

a) 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.

b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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Parameters of Probe: EX3DV4 - SN:3746

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)$ A	0.30	0.27	0.21	±10.1%
DCP (mV) ^B	102.0	107.0	101.7	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
	-		dB	$dB\sqrt{\mu V}$		dB	m۷	dev.	Unc ^E
									k=2
0	CW	X	0.00	0.00	1.00	0.00	182.8	±3.0%	±4.7%
		Y	0.00	0.00	1.00		174.5		
		Z	0.00	0.00	1.00		196.3		
10352	Pulse Waveform (200Hz, 10%)	Х	3.12	67.99	10.98	10.00	60.0	±2.5%	±9.6%
		Y	1.89	62.96	9.29		60.0		
		Z	4.59	71.97	12.96		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	2.31	68.20	10.11	6.99	80.0	±1.9%	±9.6%
		Y	1.36	63.51	8.31		80.0		
		Z	20.00	86.37	16.00		80.0		
10354	Pulse Waveform (200Hz, 40%)	Х	8.60	79.03	12.22	3.98	95.0	±1.3%	±9.6%
		Y	0.49	60.42	5.51		95.0	ĺ	
		Z	20.00	86.22	14.35		95.0		
10355	Pulse Waveform (200Hz, 60%)	Х	20.00	82.42	11.64	2,22	120.0	±1.1%	±9.6%
		Y	0.27	60.00	3.97	ĺ	120.0	1	ĺ
		Z	1.02	67.56	7.65	1	120.0	1	
10387	QPSK Waveform, 1 MHz	Х	1.59	68.42	15.34	1.00	150.0	±3.4%	±9.6%
		Y	1.27	65.23	13.29	1	150.0		
		Z	1.46	65.64	14.14	1	150.0	1	
10388	QPSK Waveform, 10 MHz	X	2.06	68.28	15.89	0.00	150.0	±0.9%	±9.6%
		Y	1.77	65.85	14.38	1	150.0]	
		Z	1.96	66.71	14.99	1	150.0	1	
10396	64-QAM Waveform, 100 kHz	X	2.32	68.57	17.99	3.01	150.0	±1.2%	±9.6%
		Y	2.34	68.61	17.83	1	150.0	1	İ
		Z	2.02	65.71	16.69	1	150.0	1	
10399	64-QAM Waveform, 40 MHz	X	3.39	67.30	15.86	0.00	150.0	±3.0%	±9.6%
		Y	3.17	66.12	15.09	1	150.0	1	
		Z	3.32	66.50	15.40	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.65	65.96	15.68	0.00	150.0	±4.9%	±9.6%
		Y	4.45	65.20	15.17	7	150.0	1	
		Z	4.64	65.33	15.34	1	150.0	1	

Note: For details on UID parameters see Appendix

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

B Linearization parameter uncertainty for maximum specified field strength.

A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Pages 5 and 6).

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Parameters of Probe: EX3DV4 - SN:3746

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 msV ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Х	29.7	218.93	34.73	5.96	0.00	5.02	0.83	0.12	1.00
У	29.0	216.25	35.25	4.39	0.30	5.01	1.26	0.08	1.01
Z	36.1	271.07	35.76	3.98	0.06	5.04	0.00	0.22	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-112.1°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3-4 mm for an Area Scan job.

Parameters of Probe: EX3DV4 - SN:3746

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6	55.0	0.75	17.95	17.95	17.95	0.00	1.00	±13.3%
13	55.0	0.75	16.19	16.19	16.19	0.00	1.00	±13.3%
750	41.9	0.89	9.21	9.21	9.21	0.56	0.80	±12.0%
835	41.5	0.90	8.88	8.88	8.88	0.52	0.80	±12.0%
1750	40.1	1.37	8.30	8.30	8.30	0.43	0.86	±12.0%
1900	40.0	1.40	7.77	7.77	7.77	0.31	0.86	±12.0%
2300	39.5	1.67	7.31	7.31	7.31	0.34	0.90	±12.0%
2450	39.2	1.80	7.08	7.08	7.08	0.30	0.90	±12.0%
2600	39.0	1.96	6.78	6.78	6.78	0.39	0.90	±12.0%
5250	35.9	4.71	5.12	5.12	5.12	0.40	1.80	±14.0%
5600	35.5	5.07	4.45	4.45	4.45	0.40	1.80	±14.0%
5750	35.4	5.22	4.59	4.59	4.59	0.40	1.80	±14.0%
5850	35.2	5.32	4.50	4.50	4.50	0.40	1.80	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than ±5% from the target values (typically better than ±3%)

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Certificate No: EX-3746_Oct23

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 5\%$ from the target values (typically better than $\pm 3\%$) and are valid for TSL with deviations of up to $\pm 10\%$. If TSL with deviations from the target of less than $\pm 5\%$ are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

 $^{^{}G}$ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

Parameters of Probe: EX3DV4 - SN:3746

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
5250	48.9	5.36	4.28	4.28	4.28	0.50	1.90	±14.0%
5600	48.5	5.77	3.78	3.78	3.78	0.50	1.90	±14.0%
5750	48.3	5.94	3.90	3.90	3.90	0.50	1.90	±14.0%
5850	48.1	6.06	3.74	3.74	3.74	0.50	1.90	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

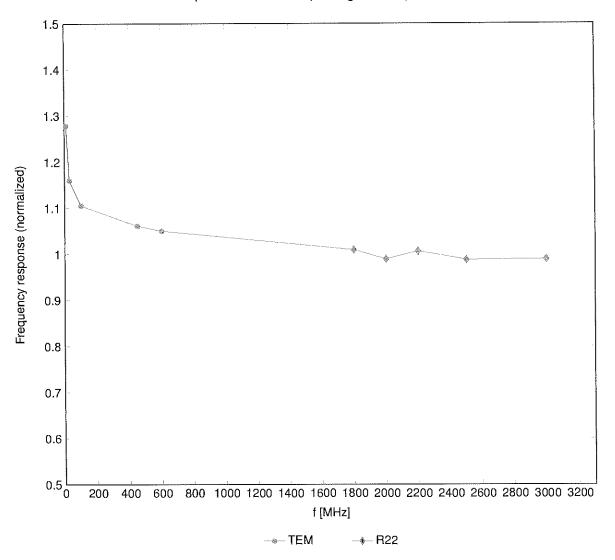
assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to \pm 110 MHz.

The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than \pm 5% from the target values (typically better than \pm 3%) and are valid for TSL with deviations of up to \pm 10%. If TSL with deviations from the target of less than \pm 5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

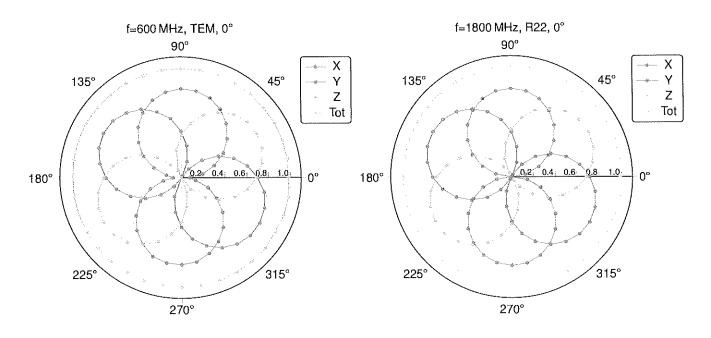
Frequency Response of E-Field

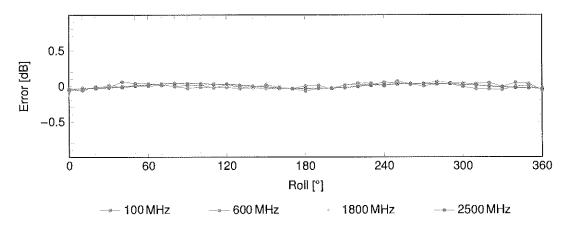
(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

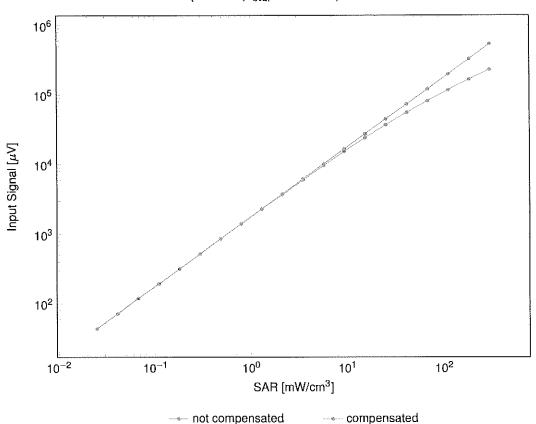


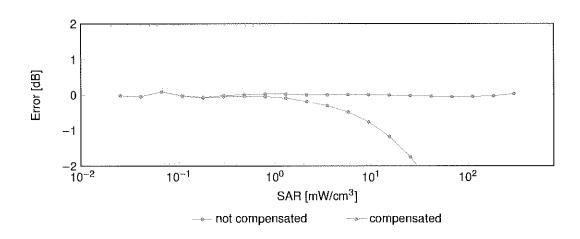


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

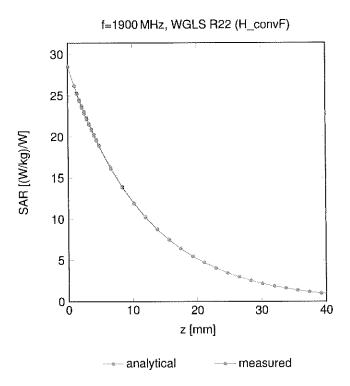
(TEM cell, $f_{eval} = 1900 \, MHz$)





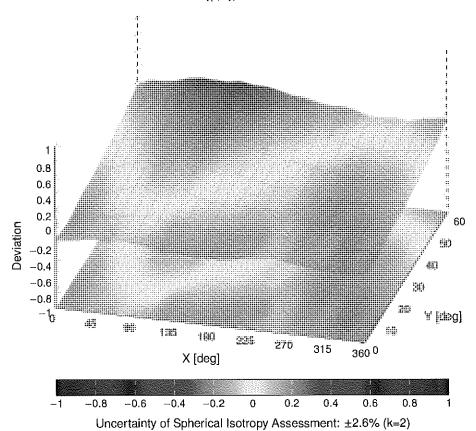
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ , θ), f = 900MHz



Appendix: Modulation Calibration Parameters

! UID F	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9,6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6 ±9.6
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM GSM	3.55 7.78	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	Bluetooth	5.30	±9.6
L	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHS)	Bluetooth	1.16	±9.6
	CAA	IEEE 802,15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
	CAA	IEEE 802,15.1 Bluetooth (Pl/4-DQPSK, DH3)	Bluetooth	4,53	±9.6
	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
1	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9,6
	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9,6
	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6,52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802,11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10,56	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9,62	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps) IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN WLAN	10.30	±9.6 ±9.6
1	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 46 Wipps)	WLAN	11.00	±9.6
	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10092	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6,56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10,01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FOD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	5.72	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAW)	LTE-FDD	5.73	±9.6
	CAU		LTE-FDD	6.52	±9.6
10178	CAH		LTE-FDD	6.50	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FOD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG		LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	GAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10222					
10222	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6

LHD	Dov	Communication System Name	Group	PAR (dB)	$Unc^{E} k = 2$
UID 10225	Rev CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10223	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TOD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9,48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10,25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TOD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9,24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9,90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9,6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9,6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9,30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG		LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9,58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Ref8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3,39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FOD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	±9,6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	11.86	±9,6
10305	AAA	IEEE 802.16e WiMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

alu	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	IDEN	10.51	±9.6
10314	AAA	iDEN 1:6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WIFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TOD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN WLAN	8.45 8.41	±9.6 ±9.6
10427	AAC	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10430	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8,38	±9.6
10431	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10432	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8,34	±9.6
10433	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7,53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
		LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

16472 AAC 167-700	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10477 AMF UR-TDD (SC-PDMA, URB, 15MHz, GPSK, UL Subramor-2,3-4,7-8) UR-TDD 8.522 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, URB, 15MHz, 16-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.522 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 189, 15MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.522 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 189, 15MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.522 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 189, 25MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.522 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 189, 25MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.524 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 189, 25MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.545 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 90-NR 81, 44MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.545 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 90-NR 81, 44MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.545 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 90-NR 81, 44MHz, 96-00M, UL Subramor-2,3-4,7-8) UR-TDD 8.546 (19.6 http://dx.doi.org/10.10078) AMF UR-TDD (SC-PDMA, 90-NR 81, 44MHz, 90-NR 91, 44						±9.6
10474 AF ITETDS (SEPENAL RIB. 15MHz, 16-OAM, U. Subinane-2,4,4,7,8)				LTE-TDD	7.82	±9.6
16477 ANG. VENTOD (SC-POMA), I RB, 20MHz, 16-QAM, U.S. Suframe-2,3,47,89 VENTOD 5.32 19.8 10479 ANC. VENTOD (SC-POMA), 1 RB, 20MHz, 26-QAM), U.S. Suframe-2,3,47,89 VENTOD 5.74 19.8 10479 ANC. VENTOD (SC-POMA), 50W, RB, 1,4MHz, QPSK, U.S. Suframe-2,3,47,89 VENTOD 5.74 19.8 10481 ANC. VENTOD (SC-POMA), 50W, RB, 1,4MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 5.74 19.8 10481 ANC. VENTOD (SC-POMA), 50W, RB, 1,4MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.74 19.6 10482 AND. VENTOD (SC-POMA), 50W, RB, 1,4MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.71 19.6 10483 AND. VENTOD (SC-POMA), 50W, RB, 1,4MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.71 19.6 10482 AND. VENTOD (SC-POMA), 50W, RB, 1,4MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.71 19.6 10484 AND. VENTOD (SC-POMA), 50W, RB, 1,4MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10487 ANC. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10487 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10487 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10487 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10487 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10488 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.79 19.6 10488 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.74 19.6 10488 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.74 19.6 10488 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.74 19.6 10488 ANG. VENTOD (SC-POMA), 50W, RB, 1,5MHz, 10-QAM, U.S. Suframe-2,3,47,89 VENTOD 7.74 19.6 10488 ANG. VENTOD (SC-POMA), 50W, R	10474	AAF		LTE-TDD	8.32	±9.6
16478 AAC TETOD (SC-FDMA, 1 NB, 2004K), US Subfarme-2,34,7,8,9	10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
16478 ACC TE-TOD (SC-FDMA, 50% RB, 1 AMPL, OFSK, U.) Subframe-23.4.7.8.9 TE-TOD 7.74 9.8.6	10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
1467 ACC ITETID (SC-FPM, SW); Rif. (AMPL. 16-OAM, UL Subframe-2,34.7.8.9) ITETID 8.18 9.9.8 14682 AAD ITETID (SC-FPM, SW); Rif. (AMPL. 6-OAM, UL Subframe-2,34.7.8.9) ITETID 8.18 9.9.8 14682 AAD ITETID (SC-FPM, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 7.77 1.9.9 14683 AAD ITETID (SC-FPM, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.47 1.9.8 14684 AAD ITETID (SC-FPM, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.47 1.9.8 14685 AAD ITETID (SC-FPM, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.48 14685 AAD ITETID (SC-FPM, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.48 14685 AAD ITETID (SC-FPM, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.38 1.9.8 14686 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.38 1.9.8 14687 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.38 1.9.8 14689 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.38 1.9.8 14689 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.38 1.9.8 14689 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.59 1.9.8 14689 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14689 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14689 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14699 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14699 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14699 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14699 AAD ITETID (SC-FPMA, SW); Rif. (SMH); CPSK, UL Subframe-2,34.7.8.9) ITETID 8.4 14699 A	10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
1948 AAC TETTO GS-FDMA, 50% RB, 13MHz, 64-OAM, U. Subframe-2.34,7.8.9 TETTO 8.45 19.65	10479	A A C	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10483 AAD LTE-TDD (SC-FDMA, 50% R), 3 MHz, 0-PSK (U.Subframe-2,3.4.7.8.9)	10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
1968 AAD LTE-TIDD (SC-PEIMA, 59% Rg. 3MHz, 16-CAM, LU Subframe-2,3.4,7.8.9) LTE-TIDD (SC-PEIMA, 59% Rg. 5MHz, 6-CAM, LU Subframe-2,3.4,7.8.9) LTE-TIDD (SC-PEIMA, 59% Rg. 16,100 Kg. 60 Kg.	10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
1,757.00 (26.7-PDMA, 50% RB, 3MHz, 64-CAM, U. Subtrame-2,3.4.7.8.9)	10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
1948 AAC LTF-TDD (SC-PDMA, 59% RB, 5MHz, 10-PAM, LII Subframe-2.3.4.7.8.9)	10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
19486 AAC LTF-TDD (SC-FDMA, 50% RB, 5MMz, 16-QAM, UL Subframe-2,3,4,7,8,9) LTF-TDD 8,98 9,96 9,48 19487 AAC LTF-TDD (SC-FDMA, 50% RB, 5MMz, 6+QAM, UL Subframe-2,3,4,7,8,9) LTF-TDD 7,70 19.8 1	10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
1946 AAC	10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10498 AAC LTF-TDD (SC-FDMA, 50%, RB, 10MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 1.70 1.98 1.0410 AAC LTF-TDD (SC-FDMA, 50%, RB, 10MHz, 18-CAM, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.51 1.98 1.0411 AAC LTF-TDD (SC-FDMA, 50%, RB, 15MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.54 1.9.6 1.0411 AAC LTF-TDD (SC-FDMA, 50%, RB, 15MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.54 1.9.6 1.0411 AAC LTF-TDD (SC-FDMA, 50%, RB, 15MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.41 1.9.6 1.0412 AAC LTF-TDD (SC-FDMA, 50%, RB, 15MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.55 1.9.6 1.0493 AAC LTF-TDD (SC-FDMA, 50%, RB, 15MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.55 1.9.6 1.0494 AAC LTF-TDD (SC-FDMA, 50%, RB, 20MHz, 19-CAM, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.57 1.9.6 1.0495 AAC LTF-TDD (SC-FDMA, 50%, RB, 20MHz, 19-CAM, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.57 1.9.6 1.0496 AAC LTF-TDD (SC-FDMA, 50%, RB, 20MHz, 19-CAM, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.57 1.9.6 1.0498 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.4MHz, 0PSK, UL Subframe-2,3.4.7.8.9) LTF-TDD 8.57 1.9.6 1.0498 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.4MHz, 1.6-CAM, U. Subframe-2,3.4.7.8.9) LTF-TDD 7.67 1.9.6 1.0498 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.4MHz, 1.6-CAM, U. Subframe-2,3.4.7.8.9) LTF-TDD 8.64 1.9.6 1.0499 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.4MHz, 1.6-CAM, U. Subframe-2,3.4.7.8.9) LTF-TDD 8.64 1.9.6 1.0500 AAD LTF-TDD (SC-FDMA, 100%, RB, 1.5MHz, 1.0504, U. Subframe-2,3.4.7.8.9) LTF-TDD 8.64 1.9.6 1.0500 AAD LTF-TDD (SC-FDMA, 100%, RB, 1.5MHz, 1.0504, U. Subframe-2,3.4.7.8.9) LTF-TDD 8.44 1.9.6 1.0500 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.5MHz, 1.0504, U. Subframe-2,3.4.7.8.9) LTF-TDD 8.76 1.9.6 1.0500 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.5MHz, 1.0504, U. Subframe-2,3.4.7.8.9) LTF-TDD 8.76 1.9.6 1.0500 AAC LTF-TDD (SC-FDMA, 100%, RB, 1.5MHz, 1.0504, U. Subframe-2,3.4.7.8.9	10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
1948 AAC LTE-TDD (SC-FDMA, 509; RB, 10MHz, 16-CAM, UL Subframe-2.3.4.7.8.9) LTE-TDD S. 54 9.8	10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9,6
1946 AAG LTE-TDD (SC-FDMA, 59% RB, 15MHz, GPSK, UE. Subframe-23,4.7.8.9) LTE-TDD 8.54 4.96 1948 1948 1949 19	10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.70	±9.6
10491 AAF	10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10483 AAF LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.41 49.6 10494 AAG LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.74 9.6 10495 AAG LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.57 9.6 10495 AAG LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.54 9.6 10497 AAC LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.54 9.6 10497 AAC LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.67 19.6 10498 AAC LTE-TDD (SC-FDMA, 100% RB, 14-MHz, 07SK, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.40 9.9 10499 AAC LTE-TDD (SC-FDMA, 100% RB, 14-MHz, 64-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.40 19.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.67 19.6 10501 AAD LTE-TDD (SC-FDMA, 100% RB, 3MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.67 19.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 3MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.67 19.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 3MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.67 19.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.72 19.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.72 19.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 08-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.72 19.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 0-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 7.74 19.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 0-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.54 19.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 0-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.54 19.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 0-OAM, UL Subframe-2,3,4.7,8.9) LTE-TDD 8.55 19.6 10506 AAG LTE-TDD (SC-FDMA, 1	10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		8.54	±9.6
10494 AAG	10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495 AAG	10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		±9.6
10496 AAG	10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10497 AAC	10494	AAG				<u> </u>
10498 AAC LTE-TDD (SC-FDMA, 100% RB, 1 AMHz, 0PSK, UL Subtrame-2,3,4,7,8,9) LTE-TDD 7.67 4.9.6 10498 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.40 4.9.6 10499 AAC LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 0-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.68 4.9.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 7.67 4.9.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.44 4.9.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.52 4.9.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RC-SM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.52 4.9.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RC-SM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.31 4.9.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RC-SM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.31 4.9.6 10505 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RC-SM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.34 4.9.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.54 4.9.6 10507 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.54 4.9.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.36 4.9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-OAM, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.36 4.9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0-PSK, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.36 4.9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0-PSK, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.55 4.9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0-PSK, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.51 4.9.6 10512 AAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0-PSK, UL Subtrame-2,3,4,7,8,9) LTE-TDD 8.51 4.9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 0-PSK, UL Subtrame-2,3,4,7,8,9) LTE-TDD	10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)			±9.6
10498 AAC LTE-TDD (SC-FDMA, 109% RB, 1.4 MHz, 94-OAM, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.40 4.9.6 10499 AAC LTE-TDD (SC-FDMA, 109% RB, 1.4 MHz, 94-OAM, UL Subframe-2,3.4,7,8.9) LTE-TDD 7.67 4.9.6 10501 AAD LTE-TDD (SC-FDMA, 109% RB, 3 MHz, QPSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 7.67 4.9.6 10501 AAD LTE-TDD (SC-FDMA, 109% RB, 3 MHz, 4.6-OAM, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.44 4.9.6 10502 AAD LTE-TDD (SC-FDMA, 109% RB, 3 MHz, 4.6-OAM, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.44 4.9.6 10502 AAD LTE-TDD (SC-FDMA, 109% RB, 5 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 7.72 4.9.6 10503 AAG LTE-TDD (SC-FDMA, 109% RB, 5 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 7.72 4.9.6 10504 AAG LTE-TDD (SC-FDMA, 109% RB, 5 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.51 4.9.6 10505 AAG LTE-TDD (SC-FDMA, 109% RB, 5 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.54 4.9.8 10506 AAG LTE-TDD (SC-FDMA, 109% RB, 5 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.54 4.9.8 10509 AAG LTE-TDD (SC-FDMA, 109% RB, 10 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 7.74 4.9.6 10507 AAG LTE-TDD (SC-FDMA, 109% RB, 10 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 7.74 4.9.6 10509 AAG LTE-TDD (SC-FDMA, 109% RB, 10 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.56 4.9.6 10509 AAG LTE-TDD (SC-FDMA, 109% RB, 15 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.56 4.9.6 10510 AAF LTE-TDD (SC-FDMA, 109% RB, 15 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.56 4.9.6 10511 AAF LTE-TDD (SC-FDMA, 109% RB, 15 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.49 4.9.6 10511 AAF LTE-TDD (SC-FDMA, 109% RB, 20 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.49 4.9.6 10512 AAG LTE-TDD (SC-FDMA, 109% RB, 20 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.49 4.9.6 10512 AAG LTE-TDD (SC-FDMA, 109% RB, 20 MHz, QFSK, UL Subframe-2,3.4,7,8.9) LTE-TDD 8.49 4.9.6 10512	10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10499 AAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 6.88 4.9.6 10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 6PSK, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 6.84 4.9.6 10501 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 6PSK, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 6.84 4.9.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 6P-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.72 4.9.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RS-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.72 4.9.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 2 RS-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 5.1 4.9.6 10505 AAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 5.1 4.9.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 5.4 4.9.6 10507 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.74 4.9.6 10508 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10500 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10510 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10512 AAG LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.99 4.9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.91 4.9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3.4,7,8,9) LTE-TDD R. 7.91 4.9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 6	10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)		7.67	±9.6
10500 AAD LTE-TDD (SC-FDMA, 100% RB, 3MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD 7.67 4.9.6	10498	AAC				±9,6
10501 AAD LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8,44 4.9.6 10502 AAD LTE-TDD (SC-FDMA, 100% RB, 5MHz, 04-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.52 49.6 10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.72 49.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 49.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 49.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 49.6 10507 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 40-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.36 49.6 10509 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 40-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.55 49.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 49.6 10510 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 49.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.49 49.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.49 49.6 10512 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.41 49.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 49.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 49.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 49.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, 1004 ABC ABC LTE-TDD 8.45 49.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz,	10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		
10502	10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)			<u>; </u>
10503 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.72 ±9.6 10504 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ±9.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10506 AAG LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10507 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10508 AAG LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.36 ±9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 ±9.6 10510 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 ±9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 ±9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.51 ±9.6 10512 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.51 ±9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10515 AAA LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ±9.6 10516 AAA LTE-TDD (SC-FDMA, 100% RB, 20MHz, GPSK, SUBFrame, SUBFrame, SUBFrame, SUBFrame, SUBFrame, SUBFrame, SUBFrame, SUBFrame, SUBFra	10501					1
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10508 AAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.55 ±9.6 10509 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.99 ±9.6 10510 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.49 ±9.6 10511 AAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.51 ±9.6 10512 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0-PSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.74 ±9.6 10513 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0-PSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42 ±9.6 10514 AAG LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 0-PSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.42 ±9.6 10515 AAA LEEE 802.11b WiFi 2.4 GHz (DSSS, 2Mbps, 99pc duty cycle) WLAN 1.58 ±9.6 10516 AAA LEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.57 ±9.6 10518 AAC LEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle) WLAN 1.57 ±9.6 10518 AAC LEEE 802.11b WiFi 2.4 GHz (DSSS, 5.1 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10519 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 10520 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10520 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10520 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 84 Mbps, 99pc duty cycle) WLAN 8.12 ±9.6 10520 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 84 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10520 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 84 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10526 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 84 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10526 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 84 Mbps, 99pc duty cycle) WLAN 8.45 ±9.6 10526 AAC LEEE 802.11a/h WiFi 5 GHz (OFDM, 84 Mbps, 99pc duty cycle) WLAN 8.46 ±9.6 10529 AAC LEEE 802.11a/h WiFi 5 GHz (OFD						
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10532 AAC IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle) WLAN 8.29 ±9.6 10533 AAC IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle) WLAN 8.38 ±9.6 10534 AAC IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) WLAN 8.45 ±9.6 10535 AAC IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle) WLAN 8.45 ±9.6 10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6						
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10534 AAC IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle) WLAN 8.45 ±9.6 10535 AAC IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle) WLAN 8.45 ±9.6 10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6						
10535 AAC IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle) WLAN 8.45 ±9.6 10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6	L					
10536 AAC IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle) WLAN 8.32 ±9.6 10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6						
10537 AAC IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle) WLAN 8.44 ±9.6 10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6		-				
10538 AAC IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle) WLAN 8.54 ±9.6						
						
	10540					

QIU	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8,47	±9.6
10545	AAC	IEEE 802,11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802,11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802,11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8,42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8,45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802,11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802,11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8,73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8,37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8,10	±9,6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8,59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8,70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9,6
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8,70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	iEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
				0.04	
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN WLAN	8.64	±9.6 ±9.6

QIU	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9,6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8,96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640 10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	8,98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN WLAN	9,06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6 ±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9,6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3,45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7,42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8,73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8,42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685 10686	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8,33	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8,29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	iEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8,61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8,89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8,82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802,11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8,56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN WLAN	8.81 8.87	±9.6
10720 10721	AAC AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.55	±9.6
10722	AAC	IEEE 802,11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.70	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802,11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8,93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

			Group	PAR (dB)	Unc ^E $k = 2$
UID	Rev	Communication System Name	WLAN	9.00	±9.6
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle) IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS)11, 90pc duty cycle)	WLAN	8,64	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10757 10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9,6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,43	±9.6 ±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31 8.29	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD		±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD		±9.6
	AAD	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10791 10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10794		5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10795		5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796		5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.82	±9.6
10797		5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10799		5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10801		5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10809	AAD		5G NR FR1 TDD		±9.6
10810			5G NR FR1 TDD		±9.6
10812			5G NR FR1 TDE		±9.6
10817			5G NR FR1 TDE		±9.6
10818			5G NR FR1 TD0		±9,6
10819			5G NR FR1 TDE		±9.6
10820			5G NR FR1 TDE		±9.6
10821			5G NR FR1 TDE		±9.6
10822			5G NR FR1 TD		±9.6
10823			5G NR FR1 TD		±9.6
10824			5G NR FR1 TDI		±9.6
10825			5G NR FR1 TDI		±9.6
10827			5G NR FR1 TD		±9.6
10828	3 AAD	OCHER (OF OF DIVI, 100 /6 T.D., 30 IVE IZ, OR ON, CONTIE)		1 3	1

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6 ±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.37 8.35	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10858 10859	AAD AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9,6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.57	±9.6 ±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.53 6.61	±9.6
10885 10886	AAE	5G NR (DFT-s-OFDM, 1 AB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6,65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,67	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10908 10909	AAB AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.93 5.96	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10910	TVVD	1 SOCIETY OF THE CONTROL OF THE CONTROL OF THE CONTROL	1 octantini i i i i	0.00	1

10011 AAB SON RICHTS-OFFEM, 597-HB, 259ME, 078%, 301419 SON REPRITOD 5.94 3.9.6	QIU	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10915 AAB SO NR (DFS-OFEM, 509 FR. 9.0MHz, CPSK, 300Hz) SO NR FRI TOD 5.65 +0.0						±9.6
100116 AAB CAR RIPTS-OFFEN. BOMEN, CRYSK, SORIUS 55 NA R. FRI TOD 5.88 4.90.	10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
1991 AAR 180 NI (DIT-COPEN, SYM, RE, SOMHE, COPEN, SOMHE) SIGN REPH TOD 5.83 4.96	10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
16916 ARB. SG NR IDTS-OFFIN, 50% RR, 50M-ML, CPSK, 50M-ML) SG NR FRI TDD 5.87 ±6.6	10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
1981 AAB SG NR (DFT-OFF)M, 59% RB, 100MF2, OPSK, 50MH2) SG NN FR1 TDD 5.94 8.96 8.96 8.96 1981 AAB SG NN (DFT-OFF)M, 100% RB, 100MF2, OPSK, 50MH2) SG NN FR1 TDD 5.86 8.96 8.96 1982 AAB SG NN (DFT-OFF)M, 100% RB, 100MF2, OPSK, 50MH2) SG NN FR1 TDD 5.86 8.96 1982 AAB SG NN (DFT-OFF)M, 100% RB, 100MF2, OPSK, 50MH2) SG NN FR1 TDD 5.86 8.96 1982 AAB SG NN (DFT-OFF)M, 100% RB, 20MH2, OPSK, 50MH2) SG NN FR1 TDD 5.84 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 20MH2, OPSK, 50MH2) SG NN FR1 TDD 5.84 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 50MH2) SG NN FR1 TDD 5.84 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 30MH2) SG NN FR1 TDD 5.84 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 30MH2) SG NN FR1 TDD 5.96 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 30MH2) SG NN FR1 TDD 5.96 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 30MH2) SG NN FR1 TDD 5.96 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 30MH2) SG NN FR1 TDD 5.96 1.96 10082 AAB SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 30MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 100% RB, 30MH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC SG NN (DFT-OFF)M, 178 MMH2, OPSK, 15MH2) SG NN FR1 TDD 5.96 1.96 10082 AAC	10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
19919 AAB 63 NR DET-SOPEN, 1009K RS 540K CPSK, 100Hz)	10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
1987 AAB SG NN (DFT-OFDM, 1009-RB, 10MHz, OPSK, 50MHz)	10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
19820 ARB SG NR (DFT-6-OFDM, 100% RB, 15MHz, CPSK, 30HHz)	10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
1982 ARS SO IN (DPT-COPEM, 1909, RR, 20MHz, OPSK, 30MHz)	10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
19922 ARB SON RIGHT=00PTM_100K_RR_30HHz_0PSK_30HHz SON REPRITOD	10920	AAB				
19925 ARB SG NR (DFT=0FDM, 100% RR, 30MHz, DFSK, 30HHz)	10921	AAB				
19925 ARB SG NR (DFT-6-OFDM, 100% RB, 40MHz, OPSK, 30MHz)	10922	AAB				
19925 AAB SO NR IDPT-O-CPM, 19078 RB, 50MHz, OPSK, 190Hz)	L					
1992 AAB SO NR (D'FE-OFDM, 1997, RB, 80MHz, OPSK, 158Hz)				<u> </u>		
1992 AAB SO NR (DFT-SOFDM, 1099; BB, 80MHz, CPSK, 15Hz)	<u></u>					<u> </u>
1988 ACC SG NR (DFT-SOPEM, FIB, SMHz, OPSK, 15Mtz) SG NR FRI FEDD 5.52 ±9.6						<u></u>
1992 AAC SG NR (DFF=-OFDM, 1 RB, 10MHz, OPSK, 15HHz) SG NR FR1 FDD 5.52 9.96						<u> </u>
19830 AAC SG NR (DFTs-OFDM, 1 RB, 15MHz, OPSK, 15HHz) 50 NR FR1 FDD 5.52 ±9.6				ļ		
1993 AAC SG NR (DFTs-OFDM, 1 RB, 25MHz, OPSK, 15Hz) SG NR FRI FDD 5.51 49.6					1	
10932 AAC GG NR (DFT-G-OFDM, 1 RB, 25 MHz, OPSK, 15 kHz) GG NR FR1 FDD 5.51 19.6	ļ					
19933 AAC SG NR (DFT-S-OFDM, 1 FB, 30 MHz, QPSK, 15kHz) SG NR FR1 FDD 5.51 49.6	J					
19935 AAC GG NR (DFT-G-DFDM, 1 RB, 40 MHz, QPSK, 15kHz) SG NR FR1 FDD 5.51 19.6	ļ					
1995 AAO SG NR (DFT-s-OFDM, 18B, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.51 49.6 1998 AAC SG NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz) SG NR FR1 FDD 5.77 49.6 1998 AAC SG NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 15kHz) SG NR FR1 FDD 5.77 49.6 1998 AAC SG NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 15kHz) SG NR FR1 FDD 5.90 49.6 1998 AAC SG NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.90 49.6 1998 AAC SG NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.82 49.6 1994 AAC SG NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.88 49.6 1994 AAC SG NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 15kHz) SG NR FR1 FDD 5.88 49.6 1994 AAC SG NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 15kHz) SG NR FR1 FDD 5.86 49.6 1994 AAC SG NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.86 49.6 1994 AAC SG NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.85 49.6 1994 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.95 49.6 1994 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.85 49.6 1994 AAC SG NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz) SG NR FR1 FDD 5.85 49.6 1994 AAC SG NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945 AAC SG NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz) SG NR FR1 FDD 5.87 49.6 10945						1
10936 AAC SG NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15MHz) SG NR FR1 FDD 5.90 19.6	***************************************	}				
10937 AAC SG NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 15kHz) SG NR FR1 FDD 5.77 4.9.6						
10939 AAC SG NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 15KHz) SG NR FR1 FDD S.90 4.9.6		<u> </u>				
10930 AAC SG NR (DFTs-OFDM, 50% RB, 26MHz, QPSK, 15kHz) SG NR FR1 FDD S.82 4.9.6						
10940 AAC 5G NR (DFTs-OFDM, 50% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.83 ±9.6 10942 AAC 5G NR (DFTs-OFDM, 50% RB, 30MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10943 AAD 5G NR (DFTs-OFDM, 50% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10944 AAC 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.95 ±9.6 10945 AAC 5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FRI FDD 5.85 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.87 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10940 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10941 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FRI FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50MHz, OPSK, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10952 AAA 5G NR DK (CPOFDM, TM 3.1, 50MHz, 64-QAM, 15kHz) 5G NR FRI FDD 5.92 ±9.6 10953 AAA 5G NR DK (CPOFDM, TM 3.1, 50MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.25 ±9.6 10954 AAA 5G NR DK (CPOFDM, TM 3.1, 50MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.25 ±9.6 10955 AAA 5G NR DK (CPOFDM, TM 3.1, 50MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.29 ±9.6 10956 AAA 5G NR DK (CPOFDM, TM 3.1, 50MHz, 64-QAM, 15kHz) 5G NR FRI FDD 8.29 ±9.6 10957 AAA 5G NR DK (CPOFDM, TM 3.1, 50MHz, 6		.			<u> </u>	
10941 AAC 5G NR (DFTOFDM, 50% RB, 30 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10942 AAC 5G NR (DFTOFDM, 50% RB, 40 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10943 AAC 5G NR (DFTOFDM, 50% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.95 ±9.6 10944 AAC 5G NR (DFTOFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.81 ±9.6 10946 AAC 5G NR (DFTOFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTOFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTOFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTOFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTOFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTOFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10949 AAC 5G NR (DFTOFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10950 AAC 5G NR (DFTOFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAC 5G NR (DFTOFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10952 AAA 5G NR (DFTOFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 9.32 ±9.6 10959 AAB 5G NR DL (CP-OFDM,					,	
10942		<u> </u>		-	}	L
10943 AAD SG NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 15 KHz) SG NR FR1 FDD 5.95 ±9.6 10944 AAC SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.81 ±9.6 10946 AAC SG NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.83 ±9.6 10947 AAC SG NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10948 AAC SG NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10951 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10952 AAA SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10953 AAA SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10953 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.25 ±9.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.23 ±9.6 10955 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.23 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.23 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.24 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 9.32 ±9.6 10958 AAA SG NR DL (CP-OFDM						
10945 AAC 5G NR (DFTs-OFDM, 100% RB, 10MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 ±9.6 10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.97 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 30MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10952 AAA 5G NR DL (DFTs-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (DFTS-OFDM, 100% RB, 50MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10953 AAA 5G NR DL (DFD-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 6.25 ±9.6 10954 AAA 5G NR DL (DFD-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.15 ±9.6 10955 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.24 ±9.6 10955 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10959 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10959 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 9.30 ±9.6 10959 AAA 5G NR DL (DFD-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 9.29 ±9.6 10960		AAD			5.95	
10946 AAC 5G NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83 ±9.6 10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10949 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, 13.1, 10 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.16 ±9.6 10955 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, 13.1, 5 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.14 ±9.6 10958 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 30kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FR1 FDD 9.32 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FR1 FDD 9.32 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FR1 FDD 9.35 ±9.6 10959 AAA 5G NR DL (CP-OFDM, 13.1, 15 MHz, 64-QAM, 15 KHz) 5G NR FR1 FDD 9.55 ±9.6 10959 AAB 5G NR DL	10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10947 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10948 AAC 5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10950 AAC 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 6.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.35 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD	10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10948	10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10949 AAC SG NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.87 ±9.6 10950 AAC SG NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.94 ±9.6 10951 AAD SG NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) SG NR FR1 FDD 5.92 ±9.6 10952 AAA SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.25 ±9.6 10953 AAA SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.15 ±9.6 10954 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.25 ±9.6 10954 AAA SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) SG NR FR1 FDD 8.24 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.42 ±9.6 10956 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.14 ±9.6 10957 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.31 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.61 ±9.6 10958 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.61 ±9.6 10959 AAA SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 FDD 8.33 ±9.6 10960 AAC SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.32 ±9.6 10962 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.36 ±9.6 10962 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.36 ±9.6 10963 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.39 ±9.6 10965 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) SG NR FR1 TDD 9.39 ±9.6 10965 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 TDD 9.29 ±9.6 10968 AAB SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) SG NR FR1 TDD 9.29 ±9.6 10968 AAB	10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950 AAC 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 ±9.6 10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.24 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.37 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.49 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.49 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49 ±9.6 10968 AAB 5G NR DL (C	10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951 AAD 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92 ±9.6 10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 9.22 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.22 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29 ±9.6 10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55 ±9.6 10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42 ±9.6 10973 AAB	10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25 ±9.6 10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.15 ±9.6 10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.23 ±9.6 10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.42 ±9.6 10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14 ±9.6 10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33 ±9.6 10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.32 ±9.6 10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.36 ±9.6	1	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
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10980 AAA ULLA HDR8 ULLA 10.32 ±9.6 10981 AAA ULLA HDRp4 ULLA 3.19 ±9.6	10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10981 AAA ULLA HDRp4 ULLA 3,19 ±9,6	10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
	10980	AAA		1		±9.6
10982 AAA ULLA HDRp8					3.19	±9.6
	10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

October 16, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9,6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL. (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9,6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

 $^{^{\}mathsf{E}}$ Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

S Swiss Calibration Service

Accreditation No.: SCS 0108

J Jul 6/23

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

Client

Element Morgan Hill, USA Certificate No.

EX-7420_Oct23

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7420

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

October 16, 2023

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 \pm 3) $^{\circ}$ C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name Function Signature

Calibrated by Joanna Lleshaj Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: October 18, 2023

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: EX-7420_Oct23

Page 1 of 22

Calibration Laboratory of

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Service suisse d'étalonnage
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Swiss Calibration Service

Accreditation No.: SCS 0108

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

Glossary

TSL tissue simulating liquid NORMx,y,z sensitivity in free space

ConvF sensitivity in TSL / NORMx,y,z
DCP diode compression point

CF crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ φ rotation around probe axis

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Polarization $\hat{\vartheta}$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is

normal to probe axis

Connector Angle information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of
 power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
 calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \le 800\,\text{MHz}$) and inside waveguide using analytical field distributions based on power measurements for $f > 800\,\text{MHz}$. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from $\pm 50\,\text{MHz}$ to $\pm 100\,\text{MHz}$.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
 No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Parameters of Probe: EX3DV4 - SN:7420

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms V ⁻²	T2 msV ⁻¹	T3 ms	T4 V ⁻²	T5 V ^{−1}	Т6
Х	41.5	310.16	35.52	8.63	0.06	5.05	0.00	0.38	1.00
У	38.1	288.17	36.29	9.82	0.00	4.95	0.53	0.25	1.01
Z	25.9	206.48	39.92	9.81	0.31	5.10	0.00	0.00	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	37.0°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3–4 mm for an Area Scan job.

Parameters of Probe: EX3DV4 - SN:7420

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)$ A	0.52	0.57	0.57	±10.1%
DCP (mV) B	99.5	98.8	94.1	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
	_		dΒ	dB√μV		dΒ	m۷	dev.	Unc ^E
									k = 2
0	CW	X	0.00	0.00	1.00	0.00	125.1	±2.6%	±4.7%
		Y	0.00	0.00	1.00		140.8		
		Z	0.00	0.00	1.00		128.7		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	88.33	18.72	10.00	60.0	±4.0%	±9.6%
		Y	1.89	62.75	7.92		60.0		
		Z	20.00	88.97	19.37		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	89.39	17.98	6.99	80.0	±2.8%	±9.6%
		Y	1.08	61.07	6.21		80.0		
		Z	20.00	89.91	18.48		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	91.53	17.58	3.98	95.0	±1.7%	±9.6%
		Y	0.55	60.00	4.89		95.0	1	
		Z	20.00	89.79	16.77		95.0	1	
10355	Pulse Waveform (200Hz, 60%)	X	20.00	92.07	16.61	2.22	120.0	±1.3%	±9.6%
		Y	18.00	76.00	9.00		120.0	1	
		Z	20.00	81.57	11.59		120.0		
10387	QPSK Waveform, 1 MHz	X	1.45	64.35	13.63	1.00	150.0	±3.6%	±9.6%
		Y	1.61	66.57	14.81		150.0		
-		Z	1.69	71.09	16.07		150.0		
10388	QPSK Waveform, 10 MHz	X	1.93	65.83	14.43	0.00	150.0	±0.9%	±9.6%
		Y	2.16	67.87	15.63		150.0	1	
		Z	2.04	68.99	16.43		150.0	1	
10396	64-QAM Waveform, 100 kHz	X	2.28	65.98	16.40	3.01	150.0	±5.0%	±9.6%
ļ		Y	2.45	68.20	17.78		150.0		
		Z.	1.60	64.70	17.26	1	150.0	1	
10399	64-QAM Waveform, 40 MHz	X	3.31	66.10	15.11	0.00	150.0	±2.1%	±9.6%
		Y	3.49	67.16	15.80		150.0	1	
		Z	3.32	67.11	16.06	1	150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	Х	4.68	65.08	15.14	0.00	150.0	±4.3%	±9.6%
		Y	4.83	65.84	15.66	1	150.0	1	
		Z	4.71	66.45	16.24	1	150.0	1	

Note: For details on UID parameters see Appendix

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

A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Pages 5 and 6).

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

October 16, 2023

Parameters of Probe: EX3DV4 - SN:7420

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	9.61	9.01	9.77	0.40	1.27	±12.0%
835	41.5	0.90	9.63	9.07	9.15	0.39	1.27	±12.0%
1750	40.1	1.37	8.76	8.47	8.96	0.27	1.27	±12.0%
1900	40.0	1.40	7.96	7.64	8.05	0.30	1.27	±12.0%
2300	39.5	1.67	7.60	7.30	7.67	0.33	1.27	±12.0%
2450	39.2	1.80	7.32	7.03	7.36	0.32	1.27	±12.0%
2600	39.0	1.96	7.57	7.29	7.62	0.31	1.27	±12.0%

C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to \pm 110 MHz.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than \pm 5% from the target values (typically better than \pm 3%) and are valid for TSL with deviations of up to \pm 10%. If TSL with deviations from the target of less than \pm 5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

Parameters of Probe: EX3DV4 - SN:7420

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6500	34.5	6.07	5.21	5.12	5.28	0.20	2.50	±18.6%
8000	32.7	7.84	5.39	5.34	5.44	0.40	1.50	±18.6%

^C Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

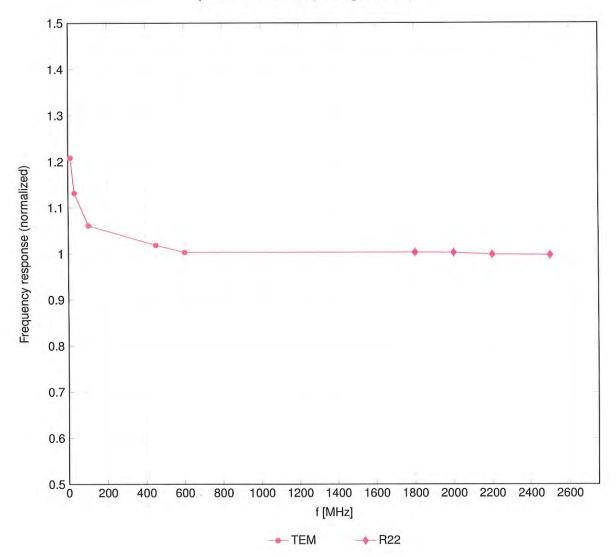
F The probes are calibrated using tissue simulating liquids (TSL) that deviate for a set above 10 MHz.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than $\pm 10\%$ from the target values (typically better than $\pm 6\%$) and are valid for TSL with deviations of up to $\pm 10\%$.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz; below $\pm 2\%$ for frequencies between 3–6 GHz; and below $\pm 4\%$ for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

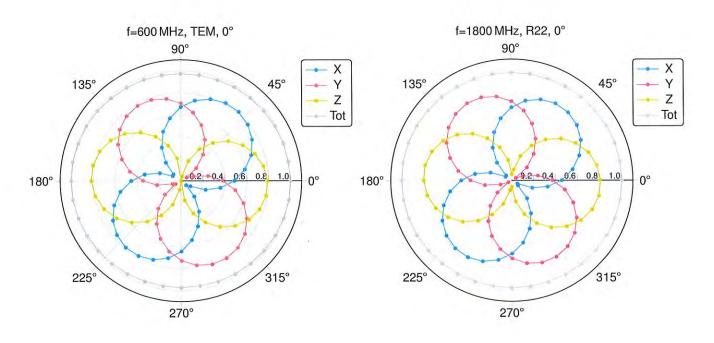
Frequency Response of E-Field

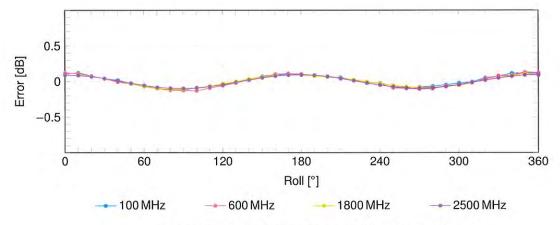
(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

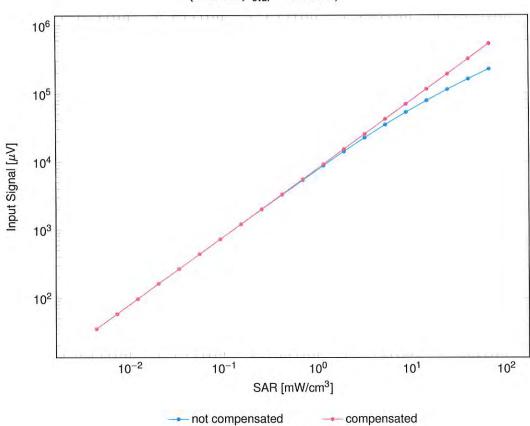


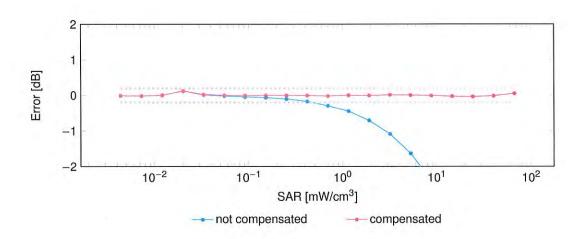


Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

Dynamic Range f(SAR_{head})

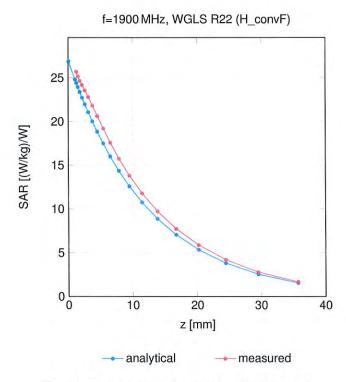
(TEM cell, $f_{eval} = 1900\,\text{MHz})$



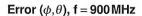


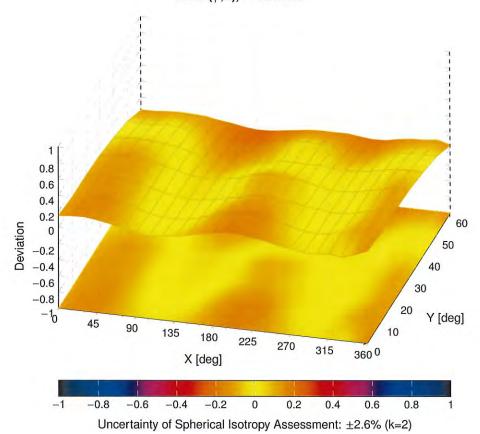
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid





Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7,74	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10 034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	3.83	±9.6
		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	8.01	±9.6
10 036	CAA	, , ,	Bluetooth	4.77	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)		4.77	
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth		±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10062	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
10065	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10069	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6
-					

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QIU I	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FOD	6.51	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	±9.6
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

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10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10225	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH		LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10270	CAG	LITE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD WCDMA	9.58	±9.6
10274 10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	4.87	±9.6
10275	CAC	PHS (QPSK)	PHS	3.96 11.81	±9.6 ±9.6
10277	CAA	PHS (QPSK) PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10279	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.46	±9.6
10291	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000 CDMA2000	3.39	±9.6
10292	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10300	AAA	IEEE 802,16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10301	AAA	IEEE 802.16e WiMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	±9.6
10302		IEEE 802.16e WiMAX (25.16, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305	AAA	IEEE 802.16e WIMAX (23:15, 311s, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
10305		IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.67	±9.6
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10307	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	iDEN 1:3	iDEN	10.51	±9.6
10314	AAA	iDEN 1:6	iDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greentield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6

diu	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD LTE-TDD	8.44 8.52	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6 ±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QFSR, OL Subfame=2,3,4,7,6,9)	LTE-TDD	8.31	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 10-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529 10531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle) IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN WLAN	8.43 8.29	±9.6 ±9.6
10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533		IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10534		IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536		IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	_1	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6
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10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10 8.30	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN WLAN	1.99	±9.6 ±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle) IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.71	±9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN WLAN	8.72 8.50	±9.6
10598 10599	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCSI, 90pc duty cycle)	WLAN	8.88	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.82	±9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.94	±9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
10604		IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6
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10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN WLAN	8.58 8.86	±9.6 ±9.6
10619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.87	±9.6
10620	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle) IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10621	AAC	IEEE 802.11ac WiF1 (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
10623	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN WLAN	8.81 8.83	±9.6 ±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle) IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.91	±9.6
10653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654 10655	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96 7.21	±9.6 ±9.6
10658	AAF	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	6.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679 10680	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN WLAN	8.89 8.80	±9.6 ±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6
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October 16, 2023

LVD.		0		PAR (dB)	Unc ^E <i>k</i> = 2
UID 10687	Rev AAC	Communication System Name IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	Group WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8,29	±9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9,6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	±9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duly cycle)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802,11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6 ±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAD	5G NR (CP-OFDM, 100% NB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.37	±9.6
10789	AAD	5G NR (CP-OFDM, 100% NB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

1982 AAD 50 KR CPC-PDM, TOW, RE, TOWARY, CRISK, 69Hz)	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
1985 AAD 50 NR CPC POTM, 1 FB, 15MHz, CPSK, 69MHz)	$\overline{}$					±9.6
1882 AAD SKIR (CPOFDM, 1 FB, 15MHz, CPSK, 60MHz) SKIR FRI TOD 774 9.8				5G NR FR1 TDD	7.63	±9,6
1882 ADD SQ NR (CP-OPEN, 1 RB, 25MHz, OPEN, 60MHz) 5G NR FRI TOD 7,74 ±9.6	_			5G NR FR1 TDD	7.73	±9.6
1885 ADD SO NR (CP-CPGM, 180, 258 NR), CPSK, 600Hz)	-			5G NR FR1 TDD	7.74	±9.6
10855 ADD SG NPI (CP-OPEM, 1 FB, SOMHA, OPEK, GIDNA) SG NPI (PR-OPEM, 1 FB, SOMHA, OPEK, SOMHA) SG NP			5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
1835 ADD SG NP (CP-OPEN, 198, 50HHz, 079K; 50HHz)	10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10839 AAD 8G NIP (CP-OPEN, II. 88, 00Hz, CPSK, 60Hz) 5G NIP (FRI TOD) 7.68 49.6	10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
1998 AAD SG NR (PGP-OFM, 1RB, S0MHz, OPSK, 6014t) SG NR FRH TOD 7.70 ±9.6 19.6	10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
1994 ADS SEN RICPOFON, 1 RB, 190 MHz, CPSK, 690 Hz) 50 NR FRH TOD 7-67 ±9.6 1908 ADS SEN RICPOFON, 50% RB, 15 MHz, CPSK, 690 Hz) 50 NR FRH TOD 7-71 ±9.6 1908 ADS SEN RICPOFON, 50% RB, 15 MHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 50% RB, 290 Hz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 40 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 50% RB, 290 Hz, CPSK, 690 Hz) 50 NR FRH TOD 8-34 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 590 MHz, CPSK, 690 Hz) 50 NR FRH TOD 8-34 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 15 MHz, CPSK, 690 Hz) 50 NR FRH TOD 8-34 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 15 MHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 15 MHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 25 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 25 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 25 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 25 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 25 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 25 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-39 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40 ±9.6 1908 ADS SEN RICPOFON, 1909 RB, 20 NHz, CPSK, 690 Hz) 50 NR FRH TOD 8-40	10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		±9.6
1998 ADD SCH NR (CP-CPGM, SVR, RE) SCH, CPSK, 600Hz) SCH NR FRH TDD 7.71 4.9.0 1988 ADD SCH NR (CP-CPGM, SVR, RE) SCH NR (CPSK, 600Hz) SCH NR FRH TDD 8.49 4.9.6 19.6 19.6 19.6 ADD SCH NR (CPSK, 600Hz) SCH NR FRH TDD 8.44 4.9.6 19.6 19.6 ADD SCH NR (CPSK, 600Hz) SCH NR FRH TDD 8.44 4.9.6 19.6 19.6 ADD SCH NR (CPSK, 600Hz) SCH NR FRH TDD 8.44 4.9.6 19.6 19.6 ADD SCH NR (CPSK, 600Hz) SCH NR FRH TDD 8.44 4.9.6 19.6 19.6 ADD SCH NR (CPSC, 600Hz) SCH NR FRH TDD 8.24 4.9.6 19.6 ADD SCH NR (CPSC, 600Hz) SCH NR FRH TDD 8.24 4.9.6 19.6 ADD SCH NR (CPSC, 600Hz) SCH NR FRH TDD 8.25 4.9.6 ADD SCH NR (CPSC, 600Hz) SCH NR FRH TDD 8.25 4.9.6 ADD SCH NR (CPSC, 600Hz) SCH NR FRH TDD 8.25 4.9.6 ADD SCH NR (CPSC, 600Hz) SCH NR (CPSC, 600	10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		
19884 AAD SO NR (CP-OFOM, 50% RR, 15MHz, OPSK, 60MHz)	10840	AAD		1		
10964 AAD SG NR (CP-OFEN), 59% RB, 20MHz, CPSK, 69MHz)						
10955 AAD SG NR (CP-OPEN), 1996, RB, 30 MHz, CPSK, 60 Hz) 56 NR FRI TDD 8.44 49.6 10955 AAD 56 NR (CP-OPEN), 1096, RB, 15 MHz, CPSK, 60 Hz) 56 NR FRI TDD 8.26 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 15 MHz, CPSK, 60 Hz) 56 NR FRI TDD 8.26 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 15 MHz, CPSK, 60 Hz) 56 NR FRI TDD 8.27 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 20 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.25 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 30 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.25 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 30 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.44 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 30 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.44 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 50 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.44 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 50 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.40 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 50 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.41 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 50 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.41 49.6 10856 AAD 56 NR (CP-OPEN), 1096, RB, 100 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.41 49.6 10856 AAD 56 NR (CP-OPEN), 1096, NB, 100 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.41 49.6 10856 AAD 56 NR (CP-OPEN), 1096, NB, 100 MHz, CPSK, 60 MHz) 56 NR FRI TDD 8.41 49.6 10856 AAD 56 NR (CP-OPEN), 1096, NB, 100 MHz, CPSK, 60 MHz) 56 NR FRI TDD 5.6 NR FRI		AAD				L
10855 AAD SG NR (CP-CPEM, 100% RB, 10MHz, OPSK, 60Hz)				<u> </u>		
10855 AAD SG NR (CP-CPEM, 100% RB, 15MHz, OPSK, 60Hz)		1		ļ		L
10855 AAD GG NR (CP-OFDM, 1009; RB, 20MHz, OPSK, 60MHz) SG NR FR1 TDD 8.37 4.9.6						
10859 AAD GG NR (CP-OFDM, 1009; RB, 25MHz, CPSK, 60MHz) SG NR FRI TDD 8.36 4.9.6 10859 AAD SG NR (CP-OFDM, 1009; RB, 60MHz, CPSK, 60MHz) SG NR FRI TDD 8.34 4.9.6 10859 AAD SG NR (CP-OFDM, 1009; RB, 60MHz, CPSK, 60MHz) SG NR FRI TDD 8.34 4.9.6 10850 AAD SG NR (CP-OFDM, 1009; RB, 60MHz, CPSK, 60MHz) SG NR FRI TDD 8.41 4.9.6	<u> </u>					
10869 AAD GG NR (CP-CPDM, 1009; RB, 30MHz, CPSK, 60MHz) SG NN FFR TDD 8.36 4.9.6 10860 AAD SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NN FFR TDD 8.44 4.9.6 10861 AAO SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NN FFR TDD 8.41 4.9.6 10861 AAO SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10861 AAO SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10861 AAO SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10865 AAD SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10866 AAO SG NR (CP-CPDM, 1009; RB, 50MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10868 AAO SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10868 AAO SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 60MHz) SG NR FRT TDD 8.41 4.9.6 10868 AAO SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 30MHz) SG NR FRT TDD 8.41 4.9.6 10869 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 30MHz) SG NR FRT TDD 8.41 4.9.6 10869 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 102MHz) SG NR FRT TDD 8.61 4.9.6 10870 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.68 4.9.6 10870 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.68 4.9.6 10870 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.68 4.9.6 10872 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.68 4.9.6 10872 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.62 4.9.6 10873 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.61 4.9.6 10875 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.61 4.9.6 10875 AAE SG NR (CPT-CPDM, 1009; RB, 100MHz, CPSK, 120MHz) SG NR FRT TDD 8.61 4.9.6 10875 AAE SG NR (CPT-CPDM, 1009; RB, 50MHz, CPSK, 12				<u> </u>		
10869 AAD GG NR (CP-OFDM, 109% RB, 50 MHz, OPSK, 60 MHz) SG NR FRI TDD 8.41 49.6 10863 AAD SG NR (CP-OFDM, 109% RB, 50 MHz, OPSK, 60 MHz) SG NR FRI TDD 8.40 49.6 10863 AAD SG NR (CP-OFDM, 109% RB, 50 MHz, OPSK, 60 MHz) SG NR FRI TDD 8.41 49.6 4						
1986 AAD SG NR (CP-OFDM, 100% RB, 60 MHz, CPSK, 60 Hz)						
10983 AAD SG NR (CP-OFDM, 100% RB, 60MHz, CPSK, 60Hz) SG NR FR1 TDD 8.40 ±9.6 10983 AAD SG NR (CP-OFDM, 100% RB, 60MHz, CPSK, 60Hz) SG NR FR1 TDD 8.41 ±9.6 10986 AAD SG NR (CP-OFDM, 100% RB, 60MHz, CPSK, 60Hz) SG NR FR1 TDD 8.41 ±9.6 10986 AAD SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 60Hz) SG NR FR1 TDD S.41 ±9.6 10986 AAD SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 60Hz) SG NR FR1 TDD S.68 ±9.6 10986 AAD SG NR (CP-OFDM, 100% RB, 100MHz, CPSK, 50Hz) SG NR FR1 TDD S.69 ±9.6 10986 AAD SG NR (CP-SOFDM, 100% RB, 100MHz, CPSK, 30Hz) SG NR FR1 TDD S.69 ±9.6 10987 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR1 TDD S.69 ±9.6 10870 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10870 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10872 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10872 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10872 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (CPT-SOFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.79 ±9.6 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.79 ±9.6 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.79 ±9.6 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.91 ±9.6 10873 AAE SG NR (CPT-OFDM, 100% RB, 100MHz, CPSK, 120Hz) SG NR FR2 TDD S.91 ±9.6 108						
1985 AAD SG NR (CP-OFDM, 100% RB, 90 MHz, CPSK, 60 MHz) SG NR FR1 TDD 8.41 ±9.6			,			
1086 AAD 56 NR (CP-OFDM, 100% RB, 90 MHz, OPSK, 60 Hz) 56 NR FR1 TDD 8.47				<u> </u>		
10865 AAD 5G NR (CP-CFDM, 100% RB, 100 MHz, CPSK, 50 M+z) 5G NR FR1 TDD 5.88 ± 9.6	ļ			·		
10886 AAD SG NR (DFTs-OFDM, 10R, 100 MHz, QPSK, 30 Hz) SG NR FR1 TDD S.88 ±9.6 10880 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 Hz) SG NR FR2 TDD S.75 ±9.6 10870 AAE SG NR (DFTs-OFDM, 11R, 100 MHz, QPSK, 120 Hz) SG NR FR2 TDD S.75 ±9.6 10870 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 Hz) SG NR FR2 TDD S.86 ±9.6 10871 AAE SG NR (DFTs-OFDM, 16R, 100 MHz, QPSK, 120 Hz) SG NR FR2 TDD S.86 ±9.6 10872 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 16CAM, 120 Hz) SG NR FR2 TDD S.86 ±9.6 10873 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 16CAM, 120 Hz) SG NR FR2 TDD S.86 ±9.6 10874 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 84CAM, 120 Hz) SG NR FR2 TDD S.60 ±9.6 10875 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 84CAM, 120 Hz) SG NR FR2 TDD S.60 ±9.6 10876 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 84CAM, 120 Hz) SG NR FR2 TDD S.60 ±9.6 10877 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 84CAM, 120 Hz) SG NR FR2 TDD S.77 ±9.6 10878 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 100 Hz) SG NR FR2 TDD S.78 ±9.6 10879 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 100 Mz,				<u> </u>		
10888 AAD SG NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz) SG NR FR1 TDD S.99 ±9.6 10870 AAE SG NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 120 NHz) SG NR FR2 TDD S.88 ±9.6 10871 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz) SG NR FR2 TDD S.85 ±9.6 10871 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 160 AM, 120 NHz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 160 AM, 120 NHz) SG NR FR2 TDD S.75 ±9.6 10873 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.52 ±9.6 10874 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.95 ±9.6 10875 AAE SG NR (DFTs-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.95 ±9.6 10876 AAE SG NR (DFT-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.99 ±9.6 10876 AAE SG NR (DFO-OFDM, 1 RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.99 ±9.6 10877 AAE SG NR (DFO-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.99 ±9.6 10878 AAE SG NR (DFO-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.95 ±9.6 10879 AAE SG NR (DFO-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.95 ±9.6 10879 AAE SG NR (DFT-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.91 59.6 10880 AAE SG NR (DFT-S-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.91 59.6 10881 AAE SG NR (DFT-S-OFDM, 100% RB, 100 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.92 ±9.6 10883 AAE SG NR (DFT-S-OFDM, 100% RB, 500 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.95 ±9.6 10884 AAE SG NR (DFT-S-OFDM, 100% RB, 500 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.96 ±9.6 10885 AAE SG NR (DFT-S-OFDM, 100% RB, 500 MHz, 640 AM, 120 NHz) SG NR FR2 TDD S.96 ±9.6 10886 AAE SG NR (DFT-S-OFDM, 100% RB, 500 MHz, 100 AMz, 100 NHz, 100 NH	<u> </u>			5G NR FR1 TDD	5.68	±9.6
10870 AAE SG NR DPT-s-OFDM, 100% RB, 100 MHz, GPSK, 120 KHz) SG NR FR2 TDD 5.86 ±9.6 10871 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 160 AM, 120 KHz) SG NR FR2 TDD 5.57 ±9.8 10873 AAE SG NR CDFT-s-OFDM, 100% RB, 100 MHz, 160 AM, 120 KHz) SG NR FR2 TDD 6.52 ±9.6 10873 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 260 AM, 120 KHz) SG NR FR2 TDD 6.61 ±9.8 10874 AAE SG NR (DFT-s-OFDM, 100% RB, 100 MHz, 260 AM, 120 KHz) SG NR FR2 TDD 6.65 ±9.8 10875 AAE SG NR (DFT-s-OFDM, 100 MHz, 260 AM, 120 KHz) SG NR FR2 TDD 7.78 ±9.6 10876 AAE SG NR (CP-OFDM, 100% RB, 100 MHz, 20 KHz) SG NR FR2 TDD 7.78 ±9.6 10876 AAE SG NR (CP-OFDM, 100% RB, 100 MHz, 20 KHz) SG NR FR2 TDD 7.79 ±9.6 10878 AAE SG NR CP-OFDM, 100% RB, 100 MHz, 100 KHz,	1	.		5G NR FR1 TDD	5.89	±9.6
10871 AAE SG NR (DFT-s-OFDM, 10 RB, 100 MHz, 160AM, 120 kHz) SG NR FR2 TDD 6.575 ±9.6 10872 AAE SG NR (DFT-s-OFDM, 100 NR RB, 100 MHz, 60AM, 120 kHz) SG NR FR2 TDD 6.51 ±9.6 10874 AAE SG NR (DFT-s-OFDM, 100 NR RB, 100 MHz, 60AM, 120 kHz) SG NR FR2 TDD 6.61 ±9.6 10875 AAE SG NR (DFT-s-OFDM, 100 NR RB, 100 MHz, 60AM, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10875 AAE SG NR (DFT-s-OFDM, 100 NR RB, 100 MHz, 60AM, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10876 AAE SG NR (DF-OFDM, 100 NR RB, 100 MHz, CPSK, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10876 AAE SG NR (DF-OFDM, 100 NR RB, 100 MHz, CPSK, 120 kHz) SG NR FR2 TDD 7.78 ±9.6 10876 AAE SG NR (DF-OFDM, 100 NR RB, 100 MHz, 60AM, 120 kHz) SG NR FR2 TDD 8.13 ±9.6 10879 AAE SG NR (DF-OFDM, 100 NR RB, 100 MHz, 60AM, 120 kHz) SG NR FR2 TDD 8.14 ±9.6 10879 AAE SG NR (DF-OFDM, 100 NHz, 60AM, 120 kHz) SG NR FR2 TDD 8.12 ±9.6 10880 AAE SG NR (DF-OFDM, 100 NHz, 60AM, 120 kHz) SG NR FR2 TDD 8.12 ±9.6 10880 AAE SG NR (DF-S-OFDM, 100 NHz, 60AM, 120 kHz) SG NR FR2 TDD 8.15 ±9.6 10880 AAE SG NR (DFT-s-OFDM, 100 NHz, 60AM, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10881 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, DFSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10883 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, DFSK, 120 kHz) SG NR FR2 TDD 5.75 ±9.6 10883 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, 10AM, 120 kHz) SG NR FR2 TDD 6.53 ±9.6 10885 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, 10AM, 120 kHz) SG NR FR2 TDD 6.53 ±9.6 10885 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, 10AM, 120 kHz) SG NR FR2 TDD 6.53 ±9.6 10886 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, 10AM, 120 kHz) SG NR FR2 TDD 6.51 ±9.6 10886 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, 10AM, 120 kHz) SG NR FR2 TDD 6.51 ±9.6 10886 AAE SG NR (DFT-s-OFDM, 100 NR RB, 50 MHz, 10AM, 120 kHz) SG NR FR2 TDD 6.61 ±9.6 10886 AAE SG	10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 NHz) 5G NR FR2 TDD 6.51 ±9.6 10873 AAE 5G NR (DFTs-OFDM, 108) (000 MHz, 64QAM, 120 NHz) 5G NR FR2 TDD 6.65 ±9.6 10875 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64QAM, 120 NHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz) 5G NR FR2 TDD 7.78 ±9.6 10877 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 NHz) 5G NR FR2 TDD 7.95 ±9.6 10877 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 40AM, 120 NHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 40AM, 120 NHz) 5G NR FR2 TDD 8.14 ±9.6 10879 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 8.14 ±9.6 10880 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (CP-OFDM, 1 RB, 50 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 64OAM, 120 NHz) 5G NR FR2 TDD 5.75 ±9.6 10884 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 100 NHz, 100	10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10873 AAE 5G NR (DFTs-OFDM, 1 RB, 100 MHz, 64OAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.8 10874 AAE 5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64OAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10876 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, CPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, CPSK, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10877 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 16OAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 16OAM, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 16OAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16OAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64OAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 64OAM, 120 kHz) 5G NR FR2 TDD 8.13 ±9.6 10882 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 029 KL, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 029 KL, 120 kHz) 5G NR FR2 TDD 5.96 ±9.8 10883 AAE 5G NR (CP-S-OFDM, 1 RB, 50 MHz, 029 KL, 120 kHz) 5G NR FR2 TDD 5.96 ±9.8 10883 AAE 5G NR (CPTs-OFDM, 1 RB, 50 MHz, 029 KL, 120 kHz) 5G NR FR2 TDD 5.96 ±9.8 10885 AAE 5G NR (CPTs-OFDM, 1 RB, 50 MHz, 100 kHz, 100 kHz) 5G NR FR2 TDD 5.96 ±9.8 10885 AAE 5G NR (CPTs-OFDM, 1 RB, 50 MHz, 100 kHz, 100 kHz) 5G NR FR2 TDD 6.57 ±9.6 10886 AAE 5G NR (CPTs-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 6.51 ±9.8 10885 AAE 5G NR (CPT-OFDM, 100% RB, 50 MHz, 100 kHz, 100 kHz) 5G NR FR2 TDD 6.65 ±9.8 10889 AAE 5G NR (CPT-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 6.65 ±9.8 10889 AAE 5G NR (CPT-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 6.65 ±9.8 10889 AAE 5G NR (CPT-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TDD 6.65 ±9.8 10889 AAE 5G NR (CPT-OFDM, 100% RB, 50 MHz, 100 kHz) 5G NR FR2 TD	10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10874 AAE 5G NR (DFTs-OFDM, 109% RB, 100 MHz, G4QAM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10875 AAE 5G NR (CP-OFDM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10877 AAE 5G NR (CP-OFDM, 109% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.95 ±9.6 10878 AAE 5G NR (CP-OFDM, 109% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10878 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10879 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 120 kHz) 5G NR FR2 TDD 8.38 ±9.6 10881 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (CPT-S-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10883 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 180AM, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10884 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 180AM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.661 ±9.6 10886 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10889 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10889 AAE 5G NR (DFTs-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10889 AAE 5G NR (DFTs-OFDM, 1RB, 50 MHz, 64QAM, 120 kHz) 5G NR FR2 TDD 6.651 ±9.6 10889 AAE 5G NR (D	10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10875 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 7.78 ±9.6 10876 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 8.39 ±9.6 10877 AAE 5G NR (CP-OFDM, 18, 100 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10878 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.41 ±9.6 10879 AAE 5G NR (CP-OFDM, 1 RB, 100 MHz, 160AM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10880 AAE 5G NR (CP-OFDM, 100% RB, 100 MHz, 640AM, 120 kHz) 5G NR FR2 TDD 8.12 ±9.6 10881 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10882 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.75 ±9.6 10883 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 5.96 ±9.6 10884 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz) 5G NR FR2 TDD 6.57 ±9.6 10885 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10885 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6 10886 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.61 ±9.6 10887 AAE 5G NR (DFT-S-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.66 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.66 ±9.6 10887 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.66 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.65 ±9.6 10889 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 6.66 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 5.66 ±9.6 10890 AAE 5G NR (CP-OFDM, 100% RB, 50 MHz, 40AM, 120 kHz) 5G NR FR2 TDD 5.66 ±9.6 10890 A	10873	AAE				
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10899 AAB 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.67 ±9.6 10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR				<u> </u>		
10900 AAB 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10901 AAB 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6				_1		
10902 AAB 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10903 AAB 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6		+				+
10904 AAB 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6			<u></u>			
10905 AAB 5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	<u> </u>				1	
10906 AAB 5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.68 ±9.6 10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6	1	_			1	
10907 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.78 ±9.6 10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6				<u> </u>		<u></u>
10908 AAB 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.93 ±9.6 10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10909 AAB 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.96 ±9.6						
10910 AAB 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 ±9.6	<u> </u>	-				
		AAB		5G NR FR1 TDD	5.83	±9.6

UID Rev Communication System Name Group PAR (dB) Unc 10911 AAB 5G NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.93 5G NR FR1 TDD 5.84 10913 AAB 5G NR (DFTs-OFDM, 50% RB, 30 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10914 AAB 5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.85 10915 AAB 5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.85 10916 AAB 5G NR (DFTs-OFDM, 50% RB, 60 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.85 10916 AAB 5G NR (DFTs-OFDM, 50% RB, 60 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.87 10917 AAB 5G NR (DFTs-OFDM, 50% RB, 60 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.87 10918 AAC 5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.86 10921 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.86 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.86 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAC 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.84 10922 AAC 5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30kHz) 5G NR FR1 TDD 5.55 10929 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.55 10933 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK,	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10912 AAB 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10913 AAB 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10914 AAB 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 10915 AAB 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAB 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAB 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10918 AAC 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10919 AAB 5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10928 AAC 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10928 AAC 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10929 AAC 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10913 AAB 5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10914 AAB 5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 10915 AAB 5G NR (DFTs-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAB 5G NR (DFTs-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAB 5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10918 AAC 5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFTs-OFDM, 100% RB, 150 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFTs-OFDM, 100% RB, 150 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAB 5G NR (DFTs-OFDM, 100% RB, 250 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 250 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFTs-OFDM, 100% RB, 250 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10928 AAC 5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10929 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.55 10933 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10914 AAB 5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.85 10915 AAB 5G NR (DFTs-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAB 5G NR (DFTs-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAB 5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10918 AAC 5G NR (DFTs-OFDM, 100% RB, 5MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10921 AAB 5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10923 AAB 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAB 5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10928 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.52 10929 AAC 5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 109	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10915 AAB 5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.83 10916 AAB 5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10917 AAB 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10918 AAC 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10928 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10929 AAC 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10917 AAB 5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10918 AAC 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz) 5G NR	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10918 AAC 5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10919 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930	±9.6 ±9.6 ±9.6 ±9.6
10919 AAB 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.86 10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 FDD 5.52 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD <td>±9.6 ±9.6 ±9.6</td>	±9.6 ±9.6 ±9.6
10920 AAB 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.87 10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD	±9.6 ±9.6
10921 AAB 5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD	±9.6
10922 AAB 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.82 10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD <	
10923 AAB 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD	
10924 AAB 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.	±9.6
10925 AAB 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.95 10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77<	±9.6
10926 AAB 5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.84 10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.77 </td <td>±9.6</td>	±9.6
10927 AAB 5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 5.94 10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 <td>±9.6</td>	±9.6
10928 AAC 5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.52 10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10929 AAC 5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10930 AAC 5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.52 10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10931 AAC 5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10932 AAC 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10933 AAC 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10934 AAC 5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10935 AAD 5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.51 10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10936 AAC 5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90 10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10937 AAC 5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.77 10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
10938 AAC 5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.90	±9.6
	±9.6
1 10939 AAC 5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.82	±9.6
	±9.6
10940 AAC 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.89	±9.6
10941 AAC 5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.83	±9.6
10942 AAC 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85	±9.6
10943 AAD 5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.95	±9.6
10944 AAC 5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.81	±9.6
10945 AAC 5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.85 10946 AAC 5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.83	±9.6
	±9.6
	±9.6
10948 AAC 5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.94 10949 AAC 5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.87	±9.6
10950 AAC 5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15kHz) 5G NR FR1 FDD 5.94	±9.6
10951 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz) 5G NR FR1 FDD 5.92	±9.6 ±9.6
10952 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.25	±9.6
10953 AAA 5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 5G NR FR1 FDD 8.15	±9.6
10954 AAA 5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15KHz) 5G NR FR1 FDD 8.23	±9.6
10955 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD 8.42	±9.6
10956 AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.14	±9.6
10957 AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.31	±9.6
10958 AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.61	±9.6
10959 AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD 8.33	±9.6
10960 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.32	±9.6
10961 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz) 5G NR FR1 TDD 9.36	±9.6
10962 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.40	±9.6
10963 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD 9.55	±9.6
10964 AAC 5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.29	±9.6
10965 AAB 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.37	±9.6
10966 AAB 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.55	±9.6
10967 AAB 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.42	±9.6
10968 AAB 5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD 9.49	±9.6
10972 AAB 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR FR1 TDD 11.59	±9.6
10973 AAB 5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz) 5G NR FR1 TDD 9.06	±9.6
10974 AAB 5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz) 5G NR FR1 TDD 10.28	±0.0 1
10978 AAA ULLA BDR ULLA 1.16	±9.6
10979 AAA ULLA HDR4 ULLA 8.58	
10980 AAA ULLA HDR8 ULLA 10.32	±9.6
10981 AAA ULLA HDRp4 ULLA 3.19	±9.6 ±9.6
10982 AAA ULLA HDRp8 ULLA 3.43	±9.6 ±9.6 ±9.6

EX3DV4 - SN:7420

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL. (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duly cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst Service suisse d'étalonnage

Service suisse d etatornage

S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Client

Element

Morgan Hill, USA

Certificate No.

EX-7499_Jan24

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7499

Calibration procedure(s)

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date

January 16, 2024

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) ℃ and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID Cal Date (Certificate No.)		Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAK3.5-1249_Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016_Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe EX3DV4	SN: 7349	03-Nov-23 (No. EX3-7349_Nov23)	Nov-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Name

Function

Signature

Calibrated by

Joanna Lleshaj

Laboratory Technician

Issued: January 16, 2024

Approved by

Sven Kühn

Technical Manager

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: EX-7499_Jan24

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Calibration Laboratory of

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

Accreditation No.: SCS 0108

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

Glossary

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF

sensitivity in TSL / NORMx,y,z

DCP CF diode compression point crest factor (1/duty_cycle) of the RF signal

A, B, C, D

modulation dependent linearization parameters

Polarization φ

 φ rotation around probe axis

Polarization ∂

 ϑ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\vartheta = 0$ is

normal to probe axis

Connector Angle

information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization $\vartheta = 0$ ($f \le 900\,\text{MHz}$ in TEM-cell; $f > 1800\,\text{MHz}$: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- · PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f≤800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Parameters of Probe: EX3DV4 - SN:7499

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm $(\mu V/(V/m)^2)$ A	0.55	0.53	0.51	±10.1%
DCP (mV) B	101.7	103.3	101.8	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		Α	В	С	D	VR	Max	Max
	•		dB	dB√μV		dB	m۷	dev.	Unc ^E
				• •					k = 2
0	CW	X	0.00	0.00	1.00	0.00	132.9	±1.4%	±4.7%
		Y	0.00	0.00	1.00		141.8		
		Z	0.00	0.00	1.00		125.7		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	92.57	21.76	10.00	60.0	±3.2%	±9.6%
	,	Y	20.00	91.38	20.95		60.0		
		Z	20.00	91.66	21.04		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	93.02	21.19	6.99	80.0	±1.2%	±9.6%
	, , ,	Y	20.00	92.96	20.57		80.0		
		Z	20.00	94.36	21.35		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	96.46	21.77	3.98	95.0	±1.3%	±9.6%
		Y	20.00	96.35	20.80		95.0		
		Z	20.00	100.58	23.04		95.0		
10355	Pulse Waveform (200Hz, 60%)	Х	20.00	102.44	23.46	2.22	120.0	±1.3%	±9.6%
	,	Y	20.00	100.18	21.29		120.0		
		Z	20.00	108.25	25.28		120.0		
10387	QPSK Waveform, 1 MHz	X	1.83	66.68	15.59	1.00	150.0	±2.2%	±9.6%
	•	Y	1.58	64.90	14.19		150.0	1	
		Z	1.56	66.43	14.73	1	150.0		
10388	QPSK Waveform, 10 MHz	X	2.45	69.08	16.31	0.00	150.0	±1.1%	±9.6%
		Y	2.08	66.65	14.89	1	150.0		
		Z	2.06	67.22	15.39		150.0		
10396	64-QAM Waveform, 100 kHz	X	3.13	70.82	18.89	3.01	150.0	±0.8%	±9.6%
***		Y	3.00	70.44	18.51	1	150.0	1	
		Z	2.46	68.33	17.84	1	150.0]	
10399	64-QAM Waveform, 40 MHz	Х	3.53	67.06	15.81	0.00	150.0	±1.0%	±9.6%
		Y	3.44	66.62	15.40	1	150.0	1	
		Z	3.42	66.81	15.63		150.0	1	
10414	WLAN CCDF, 64-QAM, 40 MHz	Х	4.89	65.46	15.46	0.00	150.0	±2.3%	±9.6%
		Y	4.83	65.45	15.33	1	150.0	1	
		Z	4.73	65.61	15.52	1	150.0	1	

Note: For details on UID parameters see Appendix

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

A The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Page 5).

B Linearization parameter uncertainty for maximum specified field strength.

E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Parameters of Probe: EX3DV4 - SN:7499

Sensor Model Parameters

	C1 fF	C2 fF	α V ⁻¹	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
×	52.2	386.54	35.06	24.76	0.00	5.10	0.81	0.37	1.01
V	46.0	340.92	34.96	13.11	0.24	5.06	1.51	0.23	1.01
Z	34.9	260.96	35.59	14.88	0.00	5.09	1.03	0.16	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-87.1°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Note: Measurement distance from surface can be increased to 3-4 mm for an Area Scan job.

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Parameters of Probe: EX3DV4 - SN:7499

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
750	41.9	0.89	9.20	9.58	9.96	0.36	1.27	±12.0%
835	41.5	0.90	9.07	9.51	9.63	0.37	1.27	±12.0%
1450	40.5	1.20	7.77	8.06	8.39	0.47	1.27	±12.0%
1750	40.1	1.37	8.13	8.41	8.77	0.27	1.27	±12.0%
1900	40.0	1.40	7.71	8.01	8.27	0.28	1.27	±12.0%
2300	39.5	1.67	7.38	7.70	7.97	0.31	1.27	±12.0%
2450	39.2	1.80	7.13	7.46	7.69	0.30	1.27	±12.0%
2600	39.0	1.96	7.24	7.57	7,85	0.29	1.27	±12.0%
3500	37.9	2.91	6.64	6.95	7.18	0.36	1.27	±14.0%
3700	37.7	3.12	6.65	6.97	7.20	0.36	1.27	±14.0%
3900	37.5	3.32	6.47	6.78	6.99	0.37	1.27	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

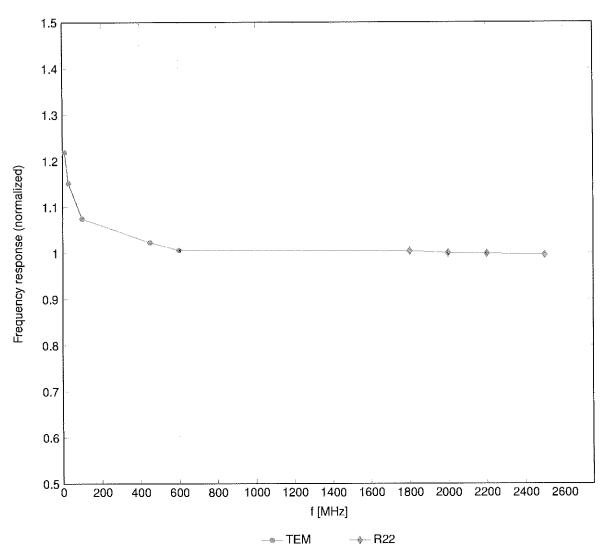
^{40, 30} and 70 MMZ its 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ε and σ by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7 - 3 GHz and 13.1% for 3 - 6 GHz.

^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the boundary.

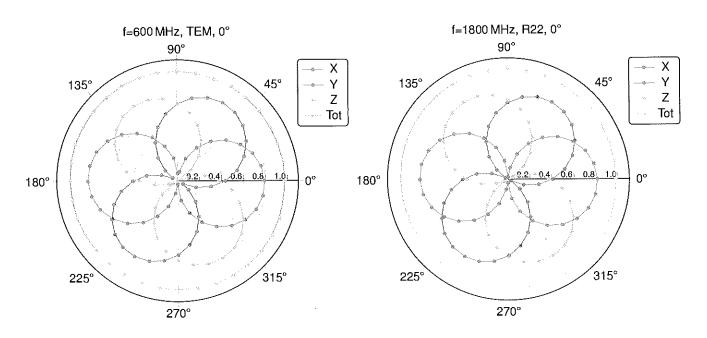
Frequency Response of E-Field

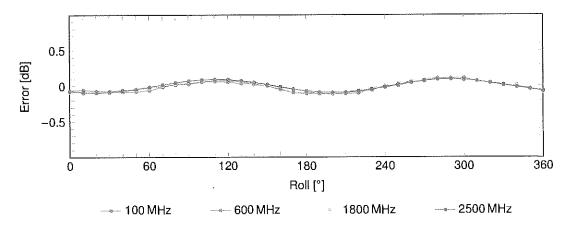
(TEM-Cell:ifi110 EXX, Waveguide:R22)



Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ (k=2)

Receiving Pattern (ϕ), $\theta = 0^{\circ}$



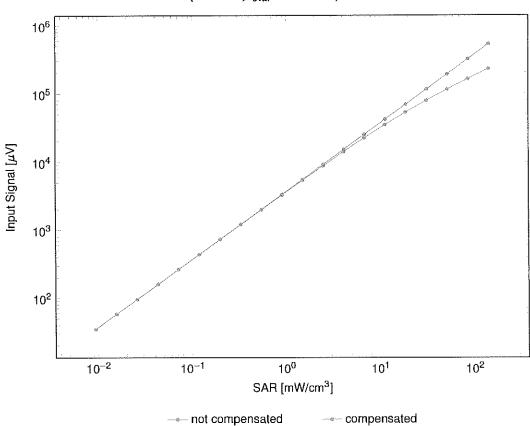


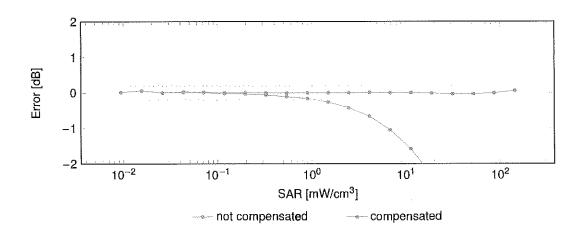
Uncertainty of Axial Isotropy Assessment: ±0.5% (k=2)

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Dynamic Range f(SAR_{head})

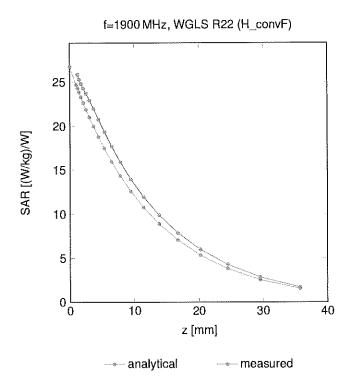
(TEM cell, $f_{eval} = 1900 \,\text{MHz}$)



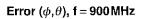


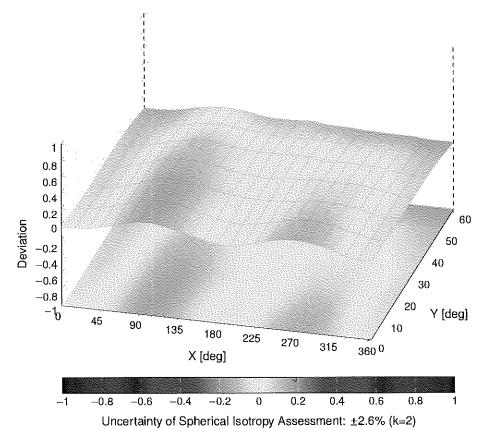
Uncertainty of Linearity Assessment: ±0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid





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Appendix: Modulation Calibration Parameters

1115	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
UID 0	nev	CW Communication System Name	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10010	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10011	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10012	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
10013	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10021	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10024	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10023	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9,6
10020	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3,55	±9.6
10028	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10029	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (CI/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	4.77	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10038	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6
	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6
10058	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10059	CAB	IEEE 802.11b WiFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9,6
		IEEE 802.11b WiFi 2.4 GHz (DSSS, 1.5 Mbps)	WLAN	3.60	±9.6
10061	CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10062		IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	9.09	±9.6
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	±9.6
10065	CAD	IEEE 802.11a/h Wirt 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10068	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10003	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
10071	CAB		WLAN	9.62	±9.6
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	10.30	±9.6
10074	CAB		WLAN	10.77	±9.6
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10077	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10081	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10092	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10090	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10097	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10098	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
10 101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10102	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6
10109	CAH		LTE-FDD	6.43	±9.6
10110	CAH		LTE-FDD	5.75	±9.6
10111	CAH		LTE-FDD	6.44	±9.6
	1 -7 11 1	1 (1	

din	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5,76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5,82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5,73	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9,48	±9.6 ±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	5.72	±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	6.52	±9.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	5.73	±9.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	6.52	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)		6.50	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5,72	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	6.52	±9.6
10 182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.50	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.50	±9.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	5.73	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QFSN) LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.50	±9.6
10189	AAG	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
10 193	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 10-QAM)	WLAN	8.21	±9.6
10195	CAD	IEEE 802.111 (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
10196	CAD	IEEE 802.11n (HT Mixed, 3.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10197	CAD	IEEE 802.11n (HT Mixed, 55 Mbps, 64-QAM)	WLAN	8.27	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64 C4 Mb)	WLAN	8.03	±9.6
10219	CAD	IEEE 802.111 (HT Mixed, 7.2 Mbps, BFGN)	WLAN	8.13	±9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mops, 16-GAM)	WLAN	8.27	±9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mops, 04-04M)	WLAN	8.06	±9.6
10223	CAD		WLAN	8.48	±9.6
10223	CAD		WLAN	8.08	±9.6
10224	LOVD	TEEL COLLITI (111 MINOR) TO MIDPO, OF WHAT	1		

THE !	Boy	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
UID 10225	Rev CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10223	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9,22	±9,6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9,6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9,6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9,81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.96	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10266	CAH		LTE-TDD	10.07	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10269	CAG		LTE-TDD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3,50	±9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WiMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	±9.6
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11.86	±9.6
10305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WiMAX	15.24	±9.6
10306	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	±9.6

C IIID	Pour	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
UID 10307	Rev AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.6
10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WiMAX	14.46	±9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WiMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	AAA	IDEN 1:3	iDEN	10.51	±9.6
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9,6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD		LTE-FDD	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
10453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	
10456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63 6.62	±9.6
10457	AAB	UMTS-FDD (DC-HSDPA)			±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	WCDMA	8.25	±9.6 ±9.6
10460	AAB	UMTS-FDD (WCDMA, AMR)	LTE-TDD	2.39 7.82	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.30	±9.6 ±9.6
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	±9.6
10463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6 ±9.6
10465		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10466		LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10468			LTE-TDD	8.56	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10470			LTE-TDD	8.32	±9.6
10471	AAG	LIE-TUD (SO-FUMA, FRB, TUMITZ, TO-WAM, UL SUBITATIO=2,3,4,7,6,9)	I FIL-IDD	0.02	E9.0

			Group	PAR (dB)	Unc ^E $k=2$
UID	Rev	Communication System Name	LTE-TDD	8.57	±9.6
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,32	±9,6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)		7.74	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,45	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD		±9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9,6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10514	1		LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.5B	±9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10517	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	B.45	±9.6
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
10529	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10523	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532		IEEE 802,11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10532		IEEE 802.11ac WiFi (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
10533		IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
10534		IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10535		IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10000		IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.44	±9.6
10.527			1 T 100 T 37 T	, 0111	
10537				8.54	+9.6
10537 10538 10540	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN WLAN	8.54 8.39	±9.6 ±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8,49	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802,11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 99pc duty cycle)	WLAN	8,47	±9.6
10556	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
10560	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9,6
10563	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±9,6
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10 580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN WLAN	8.35 8.67	±9.6 ±9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10584	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8,70	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10586	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10587	AAC	IEEE 802,11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10590	AAC	IEEE 802.11a/fi WiFi 5 GHz (OPDM, 54 Mbps, 90pc duty cycle)	WLAN	8.63	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 30pc duty cycle)	WLAN	8.79	±9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 30pc duty cycle)	WLAN	8.64	±9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.71	±9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
10 600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
,	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10601	1,0,0	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
10601	AAC				
10602	AAC		WLAN	9,03	±9.6
10602 10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN WLAN	9,03 8,76	±9.6 ±9.6
10602 10603 10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)			
10602 10603 10604 10605	AAC AAC AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.76	±9.6
10602 10603 10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle) IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN WLAN	8.76 8.97	±9.6 ±9.6

ACC MEER BOOL TIAN WIFE GOMEN, MOSS, 900 ods yorkin) WILAM 8,77 4,98	LUB	D	Oi-ation System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
1,000 ACC EEE Stort Line Wife (2004 Hz, MCSS), other outside (2004 Hz, MCSS) 1,000 1						
1961 ACC BEE ROY LINE WIFE (BOMEL, MISSS, 1990 of by cycle) WLAN B.70 #3.6.					8.78	±9.6
16912 ACC ESE 802 L1 (Law Wiff (20 Mels, MCSS, 900 cut y cycle) VILAN 8.77 49.6					8.70	±9.6
100151 ACC EEEE 8021 Tale Will (20MHz), MCSR, 98pc duty cycle) WiLAN 8.94 4.9.6 100151 ACC EEE 8021 Tale Will (20MHz), MCSR, 98pc duty cycle) WiLAN 8.92 4.9.6 100151 ACC EEER 8021 Tale Will (20MHz), MCSR, 98pc duty cycle) WiLAN 8.92 4.9.6 100151 ACC EEER 8021 Tale Will (20MHz), MCSR, 98pc duty cycle) WiLAN 8.92 4.9.6 100151 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.93 4.9.6 100151 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.98 4.9.6 100161 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.98 4.9.6 100162 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.97 4.9.6 100262 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.97 4.9.6 100262 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.97 4.9.6 10022 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.97 4.9.6 10022 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.97 4.9.6 10022 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.99 4.9.6 10022 ACC EEE 8021 Tale Will (40MHz), MCSR, 98pc duty cycle) WiLAN 8.99 4.9.6				WLAN	8.77	±9.6
16915 ACC EEE BIZE 11 SWIFF (20MHz, MCSP, 80pc duty cycle) WLAN 8.59 4.9.6 1.9.6				WLAN	8.94	±9.6
160161 AAC IEEE 002.11 tax Wirt IZOMATA, MCSB, 50pp culty cycle) WLAN 8.82 4.9.6 16017 ACC IEEE 002.11 tax Wirt IZOMATA, MCSI, 50pp culty cycle) WLAN 8.84 4.9.6 16017 ACC IEEE 002.11 tax Wird IZOMATA, MCSI, 50pp culty cycle) WLAN 8.81 4.9.6 16018 AAC IEEE 002.11 tax Wird IZOMATA, MCSI, 50pp culty cycle) WLAN 8.81 4.9.6 16018 AAC IEEE 002.11 tax Wird IZOMATA, MCSI, 50pp culty cycle) WLAN 8.86 4.9.6 16020 AAC IEEE 002.11 tax Wird IZOMATA, MCSI, 50pp culty cycle) WLAN 8.87 4.9.6 16020 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.87 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.87 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.80 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.80 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.80 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.80 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.80 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.80 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.81 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.85 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.85 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.72 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.72 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.72 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle) WLAN 8.72 4.9.6 16022 AAC IEEE 002.11 tax Wird IZOMATA, MCSS, 50pc culty cycle)				WLAN	8.59	±9.6
16617 AAC IEEE 002.11ne WIFL (40MHz, MCS), 90po duty cycle) WLAN 8.81 49.6				WLAN	8.82	±9.6
10612				WLAN	8.82	±9.6
10569 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.86 1.98 1.96 1.0650 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.87 1.95 1.0621 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.87 1.95 1.0622 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.88 1.95 1.0623 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.88 1.95 1.0623 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.82 1.95 1.0623 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.98 1.95 1.0625 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.98 1.95 1.0626 AAC IEEE 802.11 to WiFt (40 MFM; MCSS, 90pc duty cycle) WLAN 8.98 1.95 1.0626 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.98 1.95 1.0627 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.98 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.97 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.97 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.97 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.97 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.97 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.97 1.95 1.0629 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.98 1.99 1.0623 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.93 1.95 1.0623 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.93 1.95 1.0623 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.93 1.95 1.0623 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc duty cycle) WLAN 8.93 1.95 1.0623 AAC IEEE 802.11 to WiFt (80 MFM; MCSS, 90pc dut				WLAN	8.81	±9.6
10620 AAC IEEE 802.11ac WiFt (40 MHz, MCSS, 4000 duty cycle)				WLAN	8.58	±9.6
1982 AAC IEEE 802.11 ta WIF (40 MFK, MCS4, Stope duly cycle)				WLAN	8.86	±9.6
10622 AAC IEEE 80211ac WRF (40MHz, MCSS, 80pc duty cycle)				WLAN	8.87	±9.6
10683 AAC REE 802.1 to: WFF (40 MHz, MCSS, 90pc duty cycle) WLAN 8.96 4.9.	<u>}</u>	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622 AAC				WLAN	8.68	±9.6
10626 AAC IECE 802.11ac WFI (60MHz, MCS8, 90pc duty cycle) WLAN 8.96 ±9.6 10626 AAC IECE 802.11ac WFI (60MHz, MCS8, 90pc duty cycle) WLAN 8.83 ±9.6 10627 AAC IECE 802.11ac WFI (60MHz, MCS2, 90pc duty cycle) WLAN 8.83 ±9.6 10627 AAC IECE 802.11ac WFI (60MHz, MCS2, 90pc duty cycle) WLAN 8.71 ±9.6 10628 AAC IECE 802.11ac WFI (60MHz, MCS2, 90pc duty cycle) WLAN 8.71 ±9.6 10629 AAC IECE 802.11ac WFI (60MHz, MCS2, 90pc duty cycle) WLAN 8.72 ±9.6 10631 AAC IECE 802.11ac WFI (60MHz, MCS3, 90pc duty cycle) WLAN 8.72 ±9.6 10631 AAC IECE 802.11ac WFI (60MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10632 AAC IECE 802.11ac WFI (60MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10633 AAC IECE 802.11ac WFI (60MHz, MCS3, 90pc duty cycle) WLAN 8.81 ±9.6 10633 AAC IECE 802.11ac WFI (60MHz, MCS7, 90pc duty cycle) WLAN 8.83 ±9.6 10633 AAC IECE 802.11ac WFI (60MHz, MCS7, 90pc duty cycle) WLAN 8.80 ±9.6 10635 AAC IECE 802.11ac WFI (60MHz, MCS7, 90pc duty cycle) WLAN 8.80 ±9.6 10635 AAC IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.81 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.81 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.81 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.81 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.83 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.85 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.86 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.86 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 8.86 ±9.6 10636 AAD IECE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 9.06 ±9.6 10636 AAD IEEE 802.11ac WFI (60MHz, MCS9, 90pc duty cycle) WLAN 9.06 ±9.6 10636 AAD IEEE 802.11ac WF		AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
TORGER AAC IEEE 802.1 tac WIFT (80 MHz, WGS0, 90pc duty cycle) WILAN 8.88 ±9.8	10624	AAC		WLAN	8.96	±9.6
10627 AAC IEEE BDZ.11ac WFF (80 MHz, MCS1, 50 pc duty cycle) WLAN 8.88 4.9.8 10628 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.71 4.9.6 10629 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.72 4.9.6 10630 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.72 4.9.6 10631 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.71 4.9.6 10632 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.74 4.9.6 10633 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.74 4.9.6 10633 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.83 4.9.6 10635 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.80 4.9.6 10635 AAC IEEE BDZ.11ac WFF (80 MHz, MCS3, 50 pc duty cycle) WLAN 8.80 4.9.6 10635 AAD IEEE BDZ.11ac WFF (80 MHz, MCS9, 50 pc duty cycle) WLAN 8.81 4.9.6 10636 AAC IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.83 4.9.6 10637 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.83 4.9.6 10638 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10639 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10639 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10640 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10640 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10641 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10642 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.86 4.9.8 10643 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.89 4.9.6 10644 AAD IEEE BDZ.11ac WFF (100 MHz, MCS9, 50 pc duty cycle) WLAN 8.89 4.9.6 10645 AAD IEEE BDZ.11ac WFF	10625	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8,96	±9.6
10-22 AAC	10626	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10629 AAC IEEE B02.11ac WFF (80 MHz, MCS3, 90pc duty cycle) WILAN 8.85 ±9.6 10637 AAC IEEE B02.11ac WFF (80 MHz, MCS5, 90pc duty cycle) WILAN 8.72 ±9.6 10638 AAC IEEE B02.11ac WFF (80 MHz, MCS5, 90pc duty cycle) WILAN 8.74 ±9.6 10638 AAC IEEE B02.11ac WFF (80 MHz, MCS5, 90pc duty cycle) WILAN 8.74 ±9.6 10638 AAC IEEE B02.11ac WFF (80 MHz, MCS5, 90pc duty cycle) WILAN 8.74 ±9.6 10638 AAC IEEE B02.11ac WFF (80 MHz, MCS5, 90pc duty cycle) WILAN 8.80 ±9.6 10539 AAC IEEE B02.11ac WFF (80 MHz, MCS9, 90pc duty cycle) WILAN 8.80 ±9.6 10539 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.81 ±9.6 10539 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.83 ±9.6 10539 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.79 ±9.6 10539 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.86 ±9.6 10539 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.86 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.86 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.85 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.96 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.96 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.96 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 8.96 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 9.06 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 9.06 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 9.06 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 90pc duty cycle) WILAN 9.06 ±9.6 10540 AAD IEEE B02.11ac WFF (160 MHz, MCS9, 9	10627	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
10620 AAC	<u> </u>	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)			
10831 AAC IEEE 802.11ac WIF (80 MHz, MCS8, 90pc duly cycle) WLAN 8.74 4.9.6 10832 AAC IEEE 802.11ac WIF (80 MHz, MCS8, 90pc duly cycle) WLAN 8.83 4.9.6 10834 AAC IEEE 802.11ac WIF (80 MHz, MCS7, 90pc duly cycle) WLAN 8.83 4.9.6 10834 AAC IEEE 802.11ac WIF (80 MHz, MCS9, 90pc duly cycle) WLAN 8.81 4.9.6 10836 AAC IEEE 802.11ac WIF (80 MHz, MCS9, 90pc duly cycle) WLAN 8.81 4.9.6 10836 AAD IEEE 802.11ac WIF (80 MHz, MCS9, 90pc duly cycle) WLAN 8.81 4.9.6 10836 AAD IEEE 802.11ac WIF (80 MHz, MCS9, 90pc duly cycle) WLAN 8.81 4.9.6 10838 AAD IEEE 802.11ac WIF (160 MHz, MCS9, 90pc duly cycle) WLAN 8.83 4.9.6 10838 AAD IEEE 802.11ac WIF (160 MHz, MCS1, 90pc duly cycle) WLAN 8.85 4.9.6 10838 AAD IEEE 802.11ac WIF (160 MHz, MCS2, 90pc duly cycle) WLAN 8.85 4.9.6 10838 AAD IEEE 802.11ac WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.93 4.9.6 10844 AAD IEEE 802.11ac WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 8.93 4.9.6 10844 AAD IEEE 802.11ac WIF (160 MHz, MCS3, 90pc duly cycle) WLAN 9.06 4.9.	10629	AAC				
10832 AAC IEEE 802.11ac WIFI (80 MHz, MCSF, 90pc duty cycle) WLAN 8.74 ±9.6	<u> </u>	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)			<u> </u>
10633 AAC IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle) WLAN 8.80 ±9.8	10631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10834 AAC		AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)			
10835 AAC IEEE 802.11ac WiFI (180 MHz, MCS8, 90pc duty cycle) WLAN 8.81 ±9.6	10633	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10636 AAD	10634	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10637	10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)		8.81	±9.6
10638 AAD IEEE 802.11ac WiF1 (160MHz, MCS2, 90pc duty cycle) WLAN 8.85 ±9.6	10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	
10639 AAD	10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)			
19640 AAD IEEE 802.11ac WIFI (160 MHz, MCS4, 90pc duty cycle) WLAN 9.06 ±9.6	10638	AAD				1
10841 AAD	10639	AAD				
10642 AAD	10640	AAD				
10643 AAD	10641	AAD				
10644 AAD	10642	AAD				
10645 AAD	10643	AAD				
10646 AAH LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)						
10647 AAG LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe-2.7) LTE-TDD 11.96 ±9.6						
10648 AAA CDMA2000 (1x Advanced) CDMA2000 3.45 ±9.6						
10652 AAF LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.91 £9.6		4	·			
10655 AAF LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-TDD C.96 £9.						
10655 AAE LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 6.96 ±9.6						.,
10655 AAF LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) LTE-TDD 7.21 ±9.6						
Test 10.00	<u></u>	<u> </u>				
Test 10659 AAB Pulse Waveform (200Hz, 20%) Test 1.0660 AAB Pulse Waveform (200Hz, 40%) Test 1.0661 AAB Pulse Waveform (200Hz, 60%) Test 1.0661 AAB Pulse Waveform (200Hz, 60%) Test 1.0662 AAB Pulse Waveform (200Hz, 80%) Test 1.0670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 1.0670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 1.0670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 1.0672 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 1.0672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 1.0673 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.78 ±9.6 1.0674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 1.0675 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 1.0676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 1.0676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 1.0678 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 1.0678 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.78 ±9.6 1.0680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 1.0681 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 1.0682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 1.0684 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 8.83 ±9.6 1.0684 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 1.0684 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 1.0684 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 1.0684 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 1.0685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.26 ±9.6 1.0685 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN	<u> </u>					-
Test 3.98						
10661 AAB Pulse Waveform (200Hz, 60%) Test 2.22 ±9.6 10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.73 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.89 ±9.6 <td></td> <td></td> <td>1 , , , , , , , , , , , , , , , , , , ,</td> <td></td> <td></td> <td></td>			1 , , , , , , , , , , , , , , , , , , ,			
10662 AAB Pulse Waveform (200Hz, 80%) Test 0.97 ±9.6 10670 AAA Bluetooth Low Energy Bluetooth 2.19 ±9.6 10671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6 10672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.90 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89						<u> </u>
10670 AAA Bluetoth Low Energy Bluetoth 2.19 ±9.6						
10671 AAC IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle) WLAN 9.09 ±9.6						
10672 AAC IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle) WLAN 8.57 ±9.6 10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.77 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)		+				
10673 AAC IEEE 802.11ax (20 MHz, MCS2, 90pc duty cycle) WLAN 8.78 ±9.6 10674 AAC IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle) WLAN 8.74 ±9.6 10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.90 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.83 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)						
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10675 AAC IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle) WLAN 8.90 ±9.6 10676 AAC IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle) WLAN 8.77 ±9.6 10677 AAC IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle) WLAN 8.73 ±9.6 10678 AAC IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle) WLAN 8.78 ±9.6 10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)						
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10679 AAC IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle) WLAN 8.89 ±9.6 10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
10680 AAC IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle) WLAN 8.80 ±9.6 10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
10681 AAC IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle) WLAN 8.62 ±9.6 10682 AAC IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle) WLAN 8.83 ±9.6 10683 AAC IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
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10684 AAC IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle) WLAN 8.26 ±9.6 10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
10685 AAC IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle) WLAN 8.33 ±9.6						
10000 AAO	10 686	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

1-0687 AAC IEEE 8021 To (20MHz, MCSS, 98pc duly cycle)	UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10688 ACC IECE 802.11ac (20MHz, MCSS, 99c duly cycle) WLAN 8.29 19.8					8.45	±9.6
19689 AAC IEEE 802.11st (20MHz, MCS6, 99pc duly cycle)				WLAN	8.29	±9.6
106961 AAC EEE 802 11ax (20 MHz, MCSP, 98pc daly yoyle) WLAN 8.26 49.6				WLAN	8.55	±9.6
10698 AAC EEE 802.11 ax (20MHz, MCSS), 99pc duty cycle) WHAN 8.26 ±9.8				WLAN	8.29	±9.6
106983 AAC IEEE 802.11 ax (20 MHz, MCS1) egge duty cycle) WILAN 8.25 19.8				WLAN	8.25	±9.6
10894 AAC		AAC		WLAN	8.29	±9.6
10686 AAC	10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)		8.25	±9.6
10896 AAC	10694	AAC		WLAN	8.57	±9.6
10697 AAC	10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)			
10698 AAC IEEE 802.11ax (40 MHz, MCS3, 90pc duly cycle) WLAN 8.88 4.9.6	10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)			
10589 A.C. IEEE 802.11ax (40 MHz, MCS4, 105c duty cycle) WLAN 8.82 4.96	10697	AAC				
NAC	10698	AAC				
10701 AAC	10699	AAC				
10702						
10 703						
10704 AAC		1		1		
10705				<u> </u>		
10706 AAC						
10707 AAC IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)						
10708 AAC						
10709 AAC	<u> </u>					
10710 AAC IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle) WLAN 8.29 ±9.6						
10711 AAC IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle) WLAN 8.39 ±9.6						
10712 AAC						
10713 AAC						
10714 AAC						
10715 AAC IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle) WLAN 8.45 ±9.6					<u> </u>	***************************************
10716 AAC IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle) WLAN 8.30 ±9.6	£					
10717 AAC IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle) WLAN 8.48 ±9.6	1				8.30	±9.6
10718 AAC IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle) WLAN 8.24 ±9.6 10719 AAC IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle) WLAN 8.81 ±9.6 10720 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) WLAN 8.87 ±9.6 10721 AAC IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle) WLAN 8.76 ±9.6 10722 AAC IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle) WLAN 8.55 ±9.6 10723 AAC IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) WLAN 8.70 ±9.6 10724 AAC IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle) WLAN 8.70 ±9.6 10725 AAC IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle) WLAN 8.74 ±9.6 10726 AAC IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle) WLAN 8.74 ±9.6 10726 AAC IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle) WLAN 8.72 ±9.6 10727 AAC IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) WLAN 8.66 ±9.6 10728 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.66 ±9.6 10729 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.65 ±9.6 10730 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) WLAN 8.67 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS1), 90pc duty cycle) WLAN 8.67 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1), 90pc duty cycle) WLAN 8.42 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS1), 90pc duty cycle) WLAN 8.42 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS1), 90pc duty cycle) WLAN 8.45 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS1), 90pc duty cycle) WLAN 8.46 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS3), 90pc duty cycle) WLAN 8.25 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS3), 90pc duty cycle) WLAN 8.25 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS3), 90pc duty cycle) WLAN 8.27 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS3), 90pc duty cycle) WLAN 8.29 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS3), 90pc duty cycle) WLAN 8.29 ±9					8.48	±9.6
10719		<u> </u>		WLAN	8.24	±9.6
10720 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) WLAN 8.87 ±9.6 10721 AAC IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle) WLAN 8.76 ±9.6 10722 AAC IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle) WLAN 8.55 ±9.6 10723 AAC IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) WLAN 8.70 ±9.6 10724 AAC IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle) WLAN 8.90 ±9.6 10725 AAC IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle) WLAN 8.74 ±9.6 10726 AAC IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle) WLAN 8.72 ±9.6 10727 AAC IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) WLAN 8.66 ±9.6 10728 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.65 ±9.6 10729 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.64 ±9.6 10730 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.64 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) WLAN 8.67 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) WLAN 8.42 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle) WLAN 8.46 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.46 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.40 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.27 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.29 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.29 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.48 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.48 ±9.6 107				WLAN	8.81	±9.6
10721 AAC IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle) WLAN 8.76 ±9.6 10722 AAC IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle) WLAN 8.55 ±9.6 10723 AAC IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) WLAN 8.70 ±9.6 10724 AAC IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle) WLAN 8.70 ±9.6 10725 AAC IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle) WLAN 8.74 ±9.6 10726 AAC IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle) WLAN 8.72 ±9.6 10727 AAC IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) WLAN 8.66 ±9.6 10728 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.65 ±9.6 10729 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.64 ±9.6 10730 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.67 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.42 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.42 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.40 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.37 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.27 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.48 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.48 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.48 ±9.6 10				WLAN	8.87	±9.6
10723 AAC IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle) WLAN 8.70 ±9.6		AAC		WLAN	8.76	±9.6
10724 AAC	10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10725	10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10726	10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)			
10727 AAC IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle) WLAN 8.66 ±9.6 10728 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.65 ±9.6 10729 AAC IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) WLAN 8.64 ±9.6 10730 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.67 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.27 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.27 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)			
10728 AAC IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle) WLAN 8.65 ±9.6 10729 AAC IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) WLAN 8.64 ±9.6 10730 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.67 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	10726	AAC				
10729 AAC IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle) WLAN 8.64 ±9.6 10730 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.67 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)						
10730 AAC IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle) WLAN 8.67 ±9.6 10731 AAC IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)		AAC				
10731 AAC IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle) WLAN 8.42 ±9.6 10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6		_1				
10732 AAC IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle) WLAN 8.46 ±9.6 10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6		_				
10733 AAC IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle) WLAN 8.40 ±9.6 10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6	1					
10734 AAC IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle) WLAN 8.25 ±9.6 10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6						
10735 AAC IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle) WLAN 8.33 ±9.6 10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6						
10736 AAC IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle) WLAN 8.27 ±9.6 10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6		-				
10737 AAC IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle) WLAN 8.36 ±9.6 10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6				· · · · · · · · · · · · · · · · · · ·		
10738 AAC IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle) WLAN 8.42 ±9.6 10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6	ļ					
10739 AAC IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle) WLAN 8.29 ±9.6 10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6	<u> </u>					
10740 AAC IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle) WLAN 8.48 ±9.6						~
						1
1 10 11 1 10 10 1 10 10 10 10 10 10 10 1						
10742 AAC IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle) WLAN 8.43 ±9.6						
10743 AAC IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle) WLAN 8.94 ±9.6						
10744 AAC IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle) WLAN 9.16 ±9.6						
10.745 AAC IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle) WLAN 8.93 ±9.6				1	8.93	
10746 AAC IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle) WLAN 9.11 ±9.6					9.11	±9.6
10747 AAC IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle) WLAN 9.04 ±9.6				WLAN	9.04	±9.6
10748 AAC IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle) WLAN 8.93 ±9.6		AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749 AAC IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle) WLAN 8.90 ±9.6		AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)		8.90	
10750 AAC IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle) WLAN 8.79 ±9.6	10 750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	_1	8.79	
10751 AAC IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle) WLAN 8.82 ±9.6	10 751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)			
10752 AAC IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle) WLAN 8.81 ±9.6	10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9,6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8,64	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.6
10762	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10 765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9,6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9,6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9,6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	±9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92 7.95	±9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84 7.82	±9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.01	±9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.09	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.89	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.87	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.93	±9.6
10803		5G NR (CP-OFDM, 1 HB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30KHz)	5G NR FR1 TDD	8.37	±9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30KHz)	5G NR FR1 TDD	8.34	±9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10812	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±9.6
10817	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10818	AAD	5G NR (CP-OFDM, 100% NB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10822	AAD	5G NR (CP-OFDM, 100% NB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.36	±9.6
10823	AAD	5G NR (CP-OFDM, 100% NB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD		±9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.43	±9.6
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9,6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6 ±9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36 8.37	
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.35	±9.6 ±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.40	±9.6
10861	AAD	5G NR (CP-OFDM, 100% NB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.6
10869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7,95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65 7.78	±9.6 ±9.6
10887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 KHz)	5G NR FR2 TDD	8.35	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
10889	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6
10890	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,78	±9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,93	±9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,86	±9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10 930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52 5.51	±9.6 ±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.51	±9.6
10 932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MRZ, QPSK, 15 KHZ) 5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-S-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10934	AAD	5G NR (DFT-S-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15KHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10 956 10 957	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	8.14 8.31	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6 ±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6
10959	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9,32	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.55	±9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	1.16	±9.6
10979	AAA	ULLA HDR4	ULLA	8.58	±9.6
10980	AAA	ULLA HDR8	ULLA	10.32	±9.6
10981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
10982	AAA	ULLA HDRp8	ULLA	3.43	±9.6

January 16, 2024

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E <i>k</i> = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,33	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±9.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8,09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

 $^{^{\}sf E}$ Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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Accreditation No.: SCS 0108

4/2/2024 ATM

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Client Element

Morgan Hill, USA

Certificate No. D5GHzV2-1123_Mar24

CALIBRATION CERTIFICATE

Object

D5GHzV2 - SN:1123

Calibration procedure(s)

QA CAL-22.v7

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

March 12, 2024

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)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
Power sensor NRP-Z91	SN: 103245	30-Mar-23 (No. 217-03805)	Mar-24
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24
Type-N mismatch combination	SN: 310982 / 06327	30-Mar-23 (No. 217-03810)	Mar-24
Reference Probe EX3DV4	SN: 3503	07-Mar-24 (No. EX3-3503_Mar24)	Mar-25
DAE4	SN: 601	30-Jan-24 (No. DAE4-601_Jan24)	Jan-25
Secondary Standards	ID #	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature \
Calibrated by:	Claudio Leu b ler	Laboratory Techniclan	
Approved by:	Sven Kühn	Technical Manager	5.76

Issued: March 13, 2024

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Certificate No: D5GHzV2-1123_Mar24

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Calibration Laboratory of

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Accreditation No.: SCS 0108

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Glossary:

TSL

N/A

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z not applicable or not measured

Calibration is Performed According to the Following Standards:

- a) 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured; SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy = 4.0 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz 5850 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.4 ± 6 %	4.57 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		# N W W

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.93 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.4 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.27 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.8 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.8 ± 6 %	4.97 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		the same that the

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.24 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.5 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.36 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.6 W/kg ± 19.5 % (k=2)

Certificate No: D5GHzV2-1123_Mar24 Page 3 of 8

Head TSL parameters at 5750 MHz The following parameters and calculations were applied.

<u> </u>	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.6 ± 6 %	5.13 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		**************************************

SAR result with Head TSL at 5750 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.94 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.4 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR measured	100 mW input power	2.26 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.6 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5850 MHz
The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.2	5.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.5 ± 6 %	5.22 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5850 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.01 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	80.1 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition		
SAR measured	100 mW input power	2.27 W/kg	
SAR for nominal Head TSL parameters	normalized to 1W	22.8 W/kg ± 19.5 % (k=2)	

Certificate No: D5GHzV2-1123_Mar24

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	50.9 Ω - 4.4 jΩ
Return Loss	- 27.0 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	56.1 Ω + 0.4 jΩ
Return Loss	- 24.8 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	57.0 Ω + 2.2 jΩ
Return Loss	- 23.3 dB

Antenna Parameters with Head TSL at 5850 MHz

Impedance, transformed to feed point	57.2 Ω - 0.3 jΩ
Return Loss	- 23.4 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.204 ns
	· · · · · · · · · · · · · · · · · · ·

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D5GHzV2-1123_Mar24 Page 5 of 8

DASY5 Validation Report for Head TSL

Date: 12.03.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1123

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750

MHz, Frequency: 5850 MHz

Medium parameters used: f = 5250 MHz; $\sigma = 4.57 \text{ S/m}$; $\varepsilon_r = 36.4$; $\rho = 1000 \text{ kg/m}^3$

Medium parameters used: f = 5600 MHz; $\sigma = 4.97 \text{ S/m}$; $\varepsilon_r = 35.8$; $\rho = 1000 \text{ kg/m}^3$

Medium parameters used; f = 5750 MHz; $\sigma = 5.13 \text{ S/m}$; $\varepsilon_r = 35.6$; $\rho = 1000 \text{ kg/m}^3$

Medium parameters used: f = 5850 MHz; $\sigma = 5.22 \text{ S/m}$; $\varepsilon_r = 35.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.39, 5.39, 5.39) @ 5250 MHz, ConvF(5, 5, 5) @ 5600 MHz, ConvF(4.98, 4.98, 4.98) @ 5750 MHz, ConvF(4.89, 4.89, 4.89) @ 5850 MHz; Calibrated: 07.03.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 30.01.2024
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.43 V/m; Power Drift = -0.01 dB

Peak SAR (extrapolated) = 26.7 W/kg

SAR(1 g) = 7.93 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 70.9%

Maximum value of SAR (measured) = 18.2 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 72.56 V/m; Power Drift = 0.04 dB

Peak SAR (extrapolated) = 29.9 W/kg

SAR(1 g) = 8.24 W/kg; SAR(10 g) = 2.36 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 68.5%

Maximum value of SAR (measured) = 19.3 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.17 V/m; Power Drift = 0.07 dB

Peak SAR (extrapolated) = 30.6 W/kg

SAR(1 g) = 7.94 W/kg; SAR(10 g) = 2.26 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.5%

Maximum value of SAR (measured) = 19.0 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5850 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 70.41 V/m; Power Drift = 0.06 dB

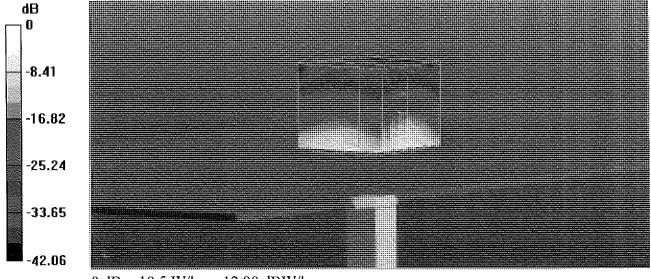
Peak SAR (extrapolated) = 31.8 W/kg

SAR(1 g) = 8.01 W/kg; SAR(10 g) = 2.27 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

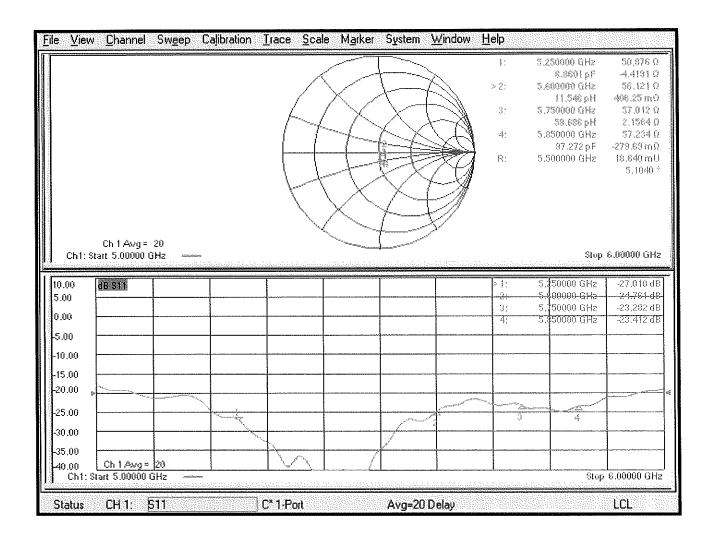
Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 19.5 W/kg



0 dB = 19.5 W/kg = 12.90 dBW/kg

Impedance Measurement Plot for Head TSL



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





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Accreditation No.: SCS 0108

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Client

Element

Morgan Hill, USA

Certificate No. D6.5GHzV2-1019 Oct23

CALIBRATION CERTIFICATE

Object

D6.5GHzV2 - SN:1019

Calibration procedure(s)

QA CAL-22.v7

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

October 11, 2023

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)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration	
Power sensor R&S NRP33T	SN: 100967	03-Apr-23 (No. 217-03806)	Apr-24	
Reference 20 dB Attenuator	SN: BH9394 (20k)	30-Mar-23 (No. 217-03809)	Mar-24	
Mismatch combination	SN: 84224 / 360D	03-Apr-23 (No. 217-03812)	Apr-24	
Reference Probe EX3DV4	SN: 7405	12-Jun-23 (No. EX3-7405_Jun23)	Jun-24	
DAE4	SN: 908	03-Jul-23 (No. DAE4-908_Jul23)	Jul-24	
	3.34.34.3			

Secondary Standards	ID#	Check Date (in house)	Scheduled Check
RF generator Anapico APSIN20G	SN: 827	18-Dec-18 (in house check Dec-21)	In house check: Dec-23
Power sensor NRP-Z23	SN: 100169	10-Jan-19 (in house check Nov-22)	In house check: Nov-23
Power sensor NRP-18T	SN: 100950	28-Sep-22 (in house check Nov-22)	In house check: Nov-23
Network Analyzer Keysight E5063A	SN:MY54504221	31-Oct-19 (in house check Oct-22)	In house check: Oct-25

Calibrated by:

Name Function Jeton Kastrati Laboratory Technician

Approved by:

Sven Kühn **Technical Manager**

Issued: October 12, 2023

Signature

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Certificate No: D6.5GHzV2-1019_Oct23

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Zeughausstrasse 43, 8004 Zurich, Switzerland





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C

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

Glossary:

TSL

tissue simulating liquid

ConvF

N/A

sensitivity in TSL / NORM x,v,z not applicable or not measured

Calibration is Performed According to the Following Standards:

a) 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.

Additional Documentation:

b) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole positioned under the liquid filled phantom. The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.
- The absorbed power density (APD): The absorbed power density is evaluated according to Samaras T, Christ A, Kuster N, "Compliance assessment of the epithelial or absorbed power density above 6 GHz using SAR measurement systems", Bioelectromagnetics, 2021 (submitted). The additional evaluation uncertainty of 0.55 dB (rectangular distribution) is considered.

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

Certificate No: D6.5GHzV2-1019 Oct23

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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY6	V16.2
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	5 mm	with Spacer
Zoom Scan Resolution	dx, dy = 3.4 mm, dz = 1.4 mm	Graded Ratio = 1.4 (Z direction)
Frequency	6500 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	34.5	6.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	34.1 ± 6 %	6.19 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C	tul tu. 10-40-	

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	29.4 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	293 W/kg ± 24.7 % (k=2)

SAR averaged over 8 cm³ (8 g) of Head TSL	Condition	
SAR measured	100 mW input power	6.62 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	66.1 W/kg ± 24.4 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	5.43 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	54.1 W/kg ± 24.4 % (k=2)

Certificate No: D6.5GHzV2-1019_Oct23

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	49 .5 Ω - 5.9 jΩ	
Return Loss	- 2 4 .5 dB	

APD (Absorbed Power Density)

APD averaged over 1 cm ²	Condition	
APD measured	100 mW input power	293 W/m²
APD measured	normalized to 1W	2930 W/m² ± 29.2 % (k=2)

APD averaged over 4 cm ²	condition	
APD measured	100 mW input power	132 W/m²
APD measured	normalized to 1W	1320 W/m² ± 28.9 % (k=2)

^{*}The reported APD values have been derived using the psSAR1g and psSAR8g.

General Antenna Parameters and Design

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D6.5GHzV2-1019_Oct23 Page 4 of 6

DASY6 Validation Report for Head TSL

Measurement Report for D6.5GHz-1019, UID 0 -, Channel 6500 (6500.0MHz)

Name, Manufa	acturer Di	mensions	[mm]	IMEI	DUT Ty	pe	
D6.5GHz	10	0.0 x 10.0 x	x 10.0	SN: 1019	<u> </u>		
Exposure Cond	ditions						
Phantom	Position, Test	Band	Group,	Frequency	Conversion	TSL Cond.	TSL
Section, TSL	Distance		UID	[MHz]	Factor	[S/m]	Permittivity
	[mm]						
Flat, HSL	5.00	Band	CW,	6500	5.50	6.19	34.1

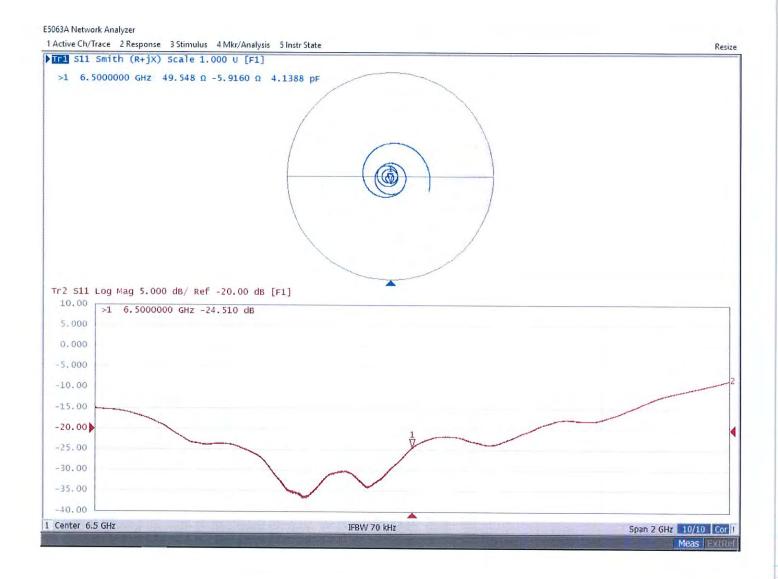
Hardware Setup

Phantom	TSL	Probe, Calibration Date	DAE, Calibration Date
MFP V8.0 Center - 1182	HBBL600-10000V6	EX3DV4 - SN7405, 2023-06-12	DAE4 Sn908, 2023-07-03

Scan Setup			
	Zoom Scan		Zoom Scan
Grid Extents [mm]	22.0 x 22.0 x 22.0	Date	2023-10-11, 12:13
Grid Steps [mm]	$3.4 \times 3.4 \times 1.4$	psSAR1g [W/Kg]	29.4
Sensor Surface [mm]	1.4	psSAR8g [W/Kg]	6.62
Graded Grid	Yes	psSAR10g [W/Kg]	5.43
Grading Ratio	1.4	Power Drift [dB]	-0.01
MAIA	N/A	Power Scaling	Disabled
Surface Detection	VMS + 6p	Scaling Factor [dB]	
Scan Method	Measured	TSL Correction	No correction
		M2/M1 [%]	50.2
		Dist 3dB Peak [mm]	4.8



Impedance Measurement Plot for Head TSL



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





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

Accreditation No.: SCS 0108

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

Client

Element

Certificate No: D2450V2-750 May22

CALIBRATION CERTIFICATE

Object

D2450V2 - SN:750

Calibration procedure(s)

QA CAL-05.v11

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

 \checkmark

YW 5/22/2023

Calibration date:

May 11, 2022

✓ YW 5/31/2024

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)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 7349	31-Dec-21 (No. EX3-7349_Dec21)	Dec-22
DAE4	SN: 601	02-May-22 (No. DAE4-601_May22)	May-23
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-20)	In house check: Oct-22
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-20)	In house check: Oct-22
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22
	Name	Function	Signature
Calibrated by:	Aidonia Georgiadou	Laboratory Technician	ST.
			MZ
Approved by:	Sven Kühn	Technical Manager	
			ことを こうしゃ

Issued: May 12, 2022

This calibration certificate shall not be reproduced except in full without written approval of the laboratory.

Certificate No: D2450V2-750 May22

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





S Schweizerischer Kalibrierdienst
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Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

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Glossary:

TSL

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z

N/A

not applicable or not measured

Calibration is Performed According to the Following Standards:

- a) 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	WW
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity 1.80 mho/m 1.85 mho/m ± 6 %	
Nominal Head TSL parameters	22.0 °C	39.2		
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.2 ± 6 %		
Head TSL temperature change during test	< 0.5 °C			

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.4 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.6 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.20 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.5 W/kg ± 16.5 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity	
Nominal Body TSL parameters	22.0 °C	52.7 1.95 ml		
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.5 ± 6 %	2.02 mho/m ± 6 %	
Body TSL temperature change during test	< 0.5 °C			

SAR result with Body TSL

SAR averaged over 1 cm ³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.9 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	50.5 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.04 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	23.9 W/kg ± 16.5 % (k=2)

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	54.8 Ω + 8.1 jΩ
Return Loss	- 21.0 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	50.8 Ω + 8.7 jΩ
Return Loss	- 21.3 dB

General Antenna Parameters and Design

	- WALL WALL WALL WALL WALL WALL WALL WAL
Electrical Delay (one direction)	1.153 ns
	1.100118

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
	SFLAG

DASY5 Validation Report for Head TSL

Date: 11.05.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:750

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 1.85$ S/m; $\varepsilon_r = 38.2$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

• Probe: EX3DV4 - SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 31.12.2021

• Sensor-Surface: 1.4mm (Mechanical Surface Detection)

• Electronics: DAE4 Sn601; Calibrated: 02.05.2022

Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001

• DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.5 V/m; Power Drift = 0.04 dB

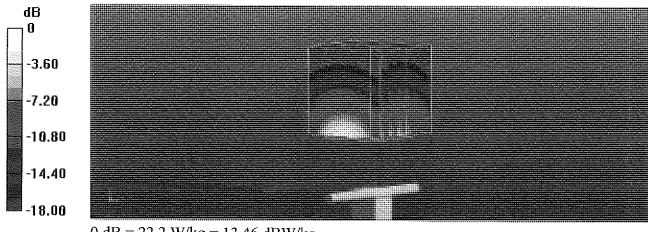
Peak SAR (extrapolated) = 26.8 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.2 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

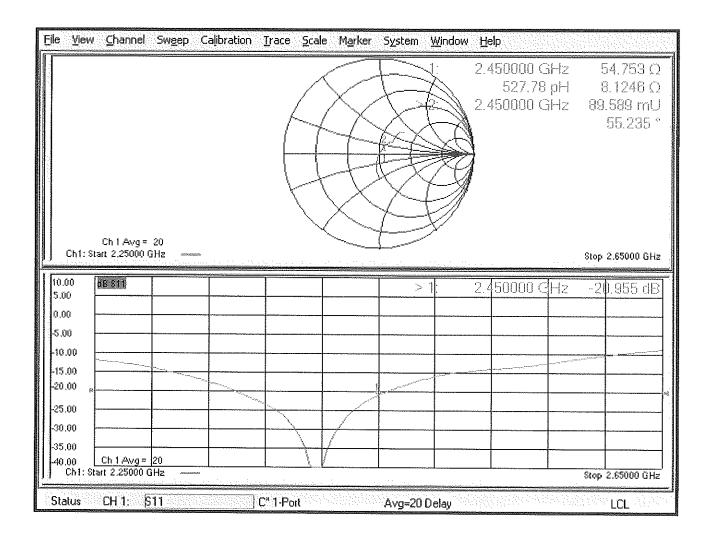
Ratio of SAR at M2 to SAR at M1 = 50%

Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg = 13.46 dBW/kg

Impedance Measurement Plot for Head TSL



DASY5 Validation Report for Body TSL

Date: 11.05.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:750

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 2.02 \text{ S/m}$; $\varepsilon_r = 51.5$; $\rho = 1000 \text{ kg/m}^3$

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(8.12, 8.12, 8.12) @ 2450 MHz; Calibrated: 31.12.2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn601; Calibrated: 02.05.2022

Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002

DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 106.7 V/m; Power Drift = -0.07 dB

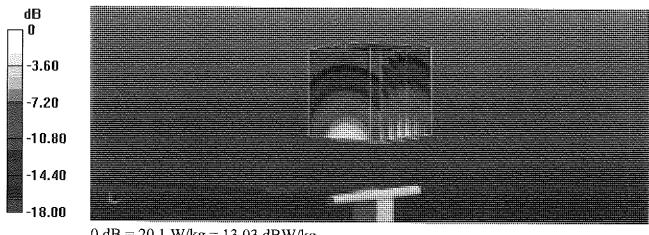
Peak SAR (extrapolated) = 24.3 W/kg

SAR(1 g) = 12.9 W/kg; SAR(10 g) = 6.04 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

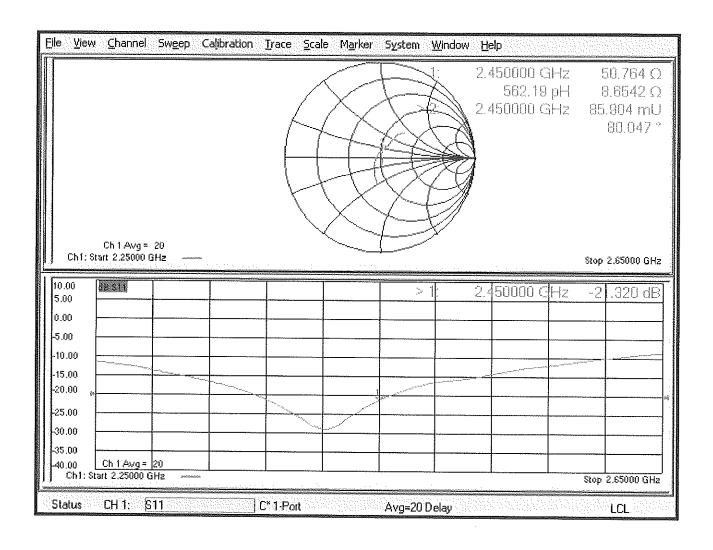
Ratio of SAR at M2 to SAR at M1 = 54%

Maximum value of SAR (measured) = 20.1 W/kg



0 dB = 20.1 W/kg = 13.03 dBW/kg

Impedance Measurement Plot for Body TSL





Element Materials Technology Morgan Hill



Morgan Hill

18855 Adams Ct, Morgan Hill, CA 95037 USA
Tel. +1.410.290.6652 / Fax +1.410.290.6654
http://www.element.com

Certification of Calibration

Object D2450V2 – SN: 750

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extended Calibration date: May 11, 2023

Description: SAR Validation Dipole at 2450 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Vector Network Analyzer	6/14/2022	Annual	6/14/2023	US39170118
Agilent	E4438C	ESG Vector Signal Generator	11/17/2022	Annual	11/17/2023	MY45093852
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Rohde & Schwarz	NRX	Power Meter	1/11/2023	Annual	1/11/2024	102583
Rohde & Schwarz	NRP-Z81	Wide Band Power Sensor	5/19/2022	Annual	5/19/2023	106562
Rohde & Schwarz	NRP-Z81	Wide Band Power Sensor	5/19/2022	Annual	5/19/2023	106559
Traceable	4040 90080-06	Therm./ Clock/ Humidity Monitor	5/11/2022	Biennial	5/11/2024	221514974
Control Company	4353	Long Stem Thermometer	9/10/2021	Biennial	9/10/2023	210774685
Agilent	85033E	3.5mm Standard Calibration Kit	6/21/2022	Annual	6/21/2023	MY53402352
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A
Pasternack	NC-100	Torque Wrench	12/5/2022	Biennial	12/5/2024	N/A
SPEAG	DAK-3.5	Dielectric Assessment Kit	8/15/2022	Annual	8/15/2023	1041
SPEAG	EX3DV4	SAR Probe	2/13/2023	Annual	2/13/2024	7427
SPEAG	DAE4	Dasy Data Acquisition Electronics	2/15/2023	Annual	2/15/2024	1403

Measurement Uncertainty = ±23% (k=2)

	Name	Function	Signature
Calibrated By:	Arturo Oliveros	Compliance Engineer I	10
Approved By:	Greg Snyder	Executive VP of Operations	Lugged Sylv

Object:	Date Issued:	Page 1 of 4	
D2450V2 - SN: 750	05/11/2023	rage 1014	

DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

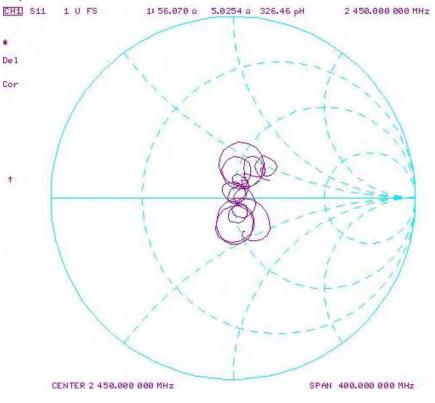
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

Calibration Date	Extension Date	Certificate Electrical Delay (ns)		Measured Head SAR (1g) W/kg @ 20.0 dBm	Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Measured Head	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real	Measured Impedance Head (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Head (Ohm) Imaginary		Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)	Measured Return Loss Head (dB)	Deviation (%)	PASS/FAIL
5/11/2022	5/11/2023	1.153	5.26	4.89	-7.03%	2.45	2.28	-6.94%	54.8	56.1	1.3	8.1	5	3.1	-21	-23.8	-13.20%	PASS
Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Body (1g) W/kg @ 20.0 dBm	Measured Body SAR (1g) W/kg @ 20.0 dBm	Deviation 1g (%)	Certificate SAR Target Body (10g) W/kg @ 20.0 dBm	Measured Body SAR (10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Certificate Impedance Body (Ohm) Real	Measured Impedance Body (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Body (Ohm) Imaginary		Difference (Ohm) Imaginary	Certificate Return Loss Body (dB)	Measured Return Loss Body (dB)	Deviation (%)	PASS/FAIL
5/11/2022	5/11/2023	1.153	5.05	4.76	-5.74%	2.39	2.26	-5.44%	50.8	50.1	0.7	8.7	6.6	2.1	-21.3	-23.9	-12.00%	PASS

Object:	Date Issued:	Page 2 of 4	
D2450V2 - SN: 750	05/11/2023	Faye 2 01 4	

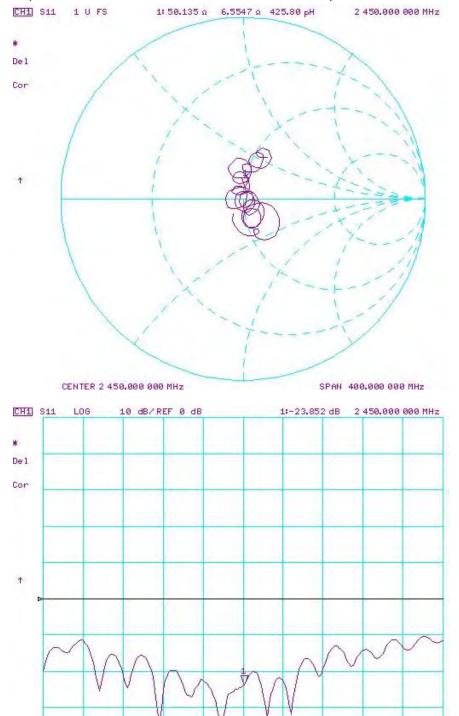
Impedance & Return-Loss Measurement Plot for Head TSL





Object:	Date Issued:	Page 3 of 4
D2450V2 – SN: 750	05/11/2023	Page 3 of 4

Impedance & Return-Loss Measurement Plot for Body TSL



CENTER 2 450.000 000 MHz

Object:	Date Issued:	Page 4 of 4
D2450V2 - SN: 750	05/11/2023	Page 4 of 4

SPAN 400.000 000 MHz

element

ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST)
18855 Adams Ct, Morgan Hill, CA 95037 USA
Tel. +1.408.538.5600
http://www.element.com



Certification of Calibration

Object D2450V2 – SN: 750

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extension Calibration date: May 11, 2024

Description: SAR Validation Dipole at 2450 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Vector Network Analyzer	6/2/2023	Annual	6/12/2024	MY40003841
Agilent	E4438C	ESG Vector Signal Generator	11/15/2023	Annual	11/15/2024	MY45092078
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Anritsu	ML2496A	Power Meter	6/15/2023	Annual	6/15/2024	1138001
Anritsu	MA24106A	USB Power Sensor	4/15/2024	Annual	4/15/2025	2018527
Anritsu	MA24106A	USB Power Sensor	4/15/2024	Annual	4/15/2025	1827528
Control Company	4040	Therm./ Clock/ Humidity Monitor	4/15/2024	Biennial	4/15/2026	240310282
Control Company	4353	Ultra Long Stem Thermometer	10/24/2023	Annual	10/24/2024	200645916
Agilent	85033E	3.5mm Standard Calibration Kit	7/18/2023	Annual	7/18/2024	MY53402352
Mini-Circuits	VLF-6000+	Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A
Pasternack	NC-100	Torque Wrench	12/5/2022	Biennial	12/5/2024	N/A
SPEAG	DAK-3.5	Dielectric Assessment Kit	9/11/2023	Annual	9/11/2024	1045
SPEAG	EX3DV4	SAR Probe	3/11/2024	Annual	3/11/2025	7638
SPEAG	DAE4	Dasy Data Acquisition Electronics	3/6/2024	Annual	3/6/2025	1408

Measurement Uncertainty = ±23% (k=2)

	Name	Function	Signature
Calibrated By:	Arturo Oliveros	Compliance Engineer	10
Approved By:	Greg Snyder	Executive VP of Operations	LuggedSpl

Object:	Date Issued:	Page 1 of 3
D2450V2 - SN: 750	05/11/2024	rage 1013

DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

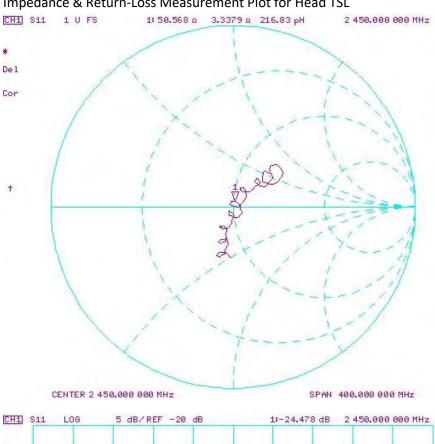
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 3-year calibration period from the calibration date:

Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 20.0 dBm	Measured Head SAR (1g) W/kg @ 20.0 dBm	Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Measured Head SAR (10g) W/kg @ 20.0 dBm	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real				Impedance	(Ohm)	Certificate Return Loss Head (dB)		Deviation (%)	
5/11/2022	5/11/2024	1.153	5.26	5.19	-1.33%	2.45	2.33	-4.90%	54.8	50.6	4.2	8.1	3.3	4.8	-21	-24.5	-16.60%	

Object:	Date Issued:	Page 2 of 3
D2450V2 - SN: 750	05/11/2024	rage 2 01 3

Impedance & Return-Loss Measurement Plot for Head TSL





Object:	Date Issued:	Page 3 of 3
D2450V2 - SN: 750	05/11/2024	Page 3 of 3

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





Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura

Swiss Calibration Service

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Accreditati

Accreditation No.: SCS 0108

Client

Element

Certificate No: D2450V2-855_Nov22

CALIBRATION CERTIFICATE

Object

D2450V2 - SN:855

Calibration procedure(s)

QA CAL-05.v11

Calibration Procedure for SAR Validation Sources between 0.7-3 GHz

12/6/20

Calibration date:

November 15, 2022

✓ YW 12/13/2023

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 \pm 3)°C and humidity < 70%.

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103245	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: BH9394 (20k)	04-Apr-22 (No. 217-03527)	Apr-23
Type-N mismatch combination	SN: 310982 / 06327	04-Apr-22 (No. 217-03528)	Apr-23
Reference Probe EX3DV4	SN: 7349	31-Dec-21 (No. EX3-7349_Dec21)	Dec-22
DAE4	SN: 601	31-Aug-22 (No. DAE4-601_Aug22)	Aug-23
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Jeton Kastrati	Laboratory Technician	
		ے ۔	
Approved by:	Sven Kühn	Technical Manager	

Issued: November 16, 2022

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Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





Schweizerischer Kalibrierdienst Service suisse d'étalonnage

Service suisse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

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Accredited by the Swiss Accreditation Service (SAS)

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Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z not applicable or not measured

N/A not applicable or not measure

Calibration is Performed According to the Following Standards:

- a) 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The source is mounted in a touch configuration below the center marking of the flat phantom.
- Return Loss: This parameter is measured with the source positioned under the liquid filled phantom (as described in the measurement condition clause). The Return Loss ensures low reflected power. No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	
Phantom	Modular Flat Phantom	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.4 ± 6 %	1.87 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.4 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	52.4 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	250 mW input power	6.24 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	24.6 W/kg ± 16.5 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity		
Nominal Body TSL parameters	22.0 °C	52. 7	1.95 mho/m		
Measured Body TSL parameters	(22.0 ± 0.2) °C	51.7 ± 6 %	2.01 mho/m ± 6 %		
Body TSL temperature change during test	< 0.5 °C				

SAR result with Body TSL

SAR averaged over 1 cm³ (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	12.8 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	50.2 W/kg ± 17.0 % (k=2)

SAR averaged over 10 cm³ (10 g) of Body TSL	condition	
SAR measured	250 mW input power	6.03 W/kg
SAR for nominal Body TSL parameters	normalized to 1W	23.8 W/kg ± 16.5 % (k=2)

Certificate No: D2450V2-855_Nov22 Page 3 of 8

Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	52.5 Ω + 6.3 jΩ
Return Loss	- 23.6 dB

Antenna Parameters with Body TSL

Impedance, transformed to feed point	48.9 Ω + 7.9 jΩ
Return Loss	- 21.9 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1 157 ne
	1.15/ ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG
	31 LAG

Certificate No: D2450V2-855_Nov22

DASY5 Validation Report for Head TSL

Date: 15.11.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:855

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 1.87$ S/m; $\epsilon_r = 38.4$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

Probe: EX3DV4 - SN7349; ConvF(7.96, 7.96, 7.96) @ 2450 MHz; Calibrated: 31.12.2021

Sensor-Surface: 1.4mm (Mechanical Surface Detection)

Electronics: DAE4 Sn601; Calibrated: 31.08.2022

• Phantom: Flat Phantom 5.0 (front); Type: QD 000 P50 AA; Serial: 1001

DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=250 mW, d=10mm/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 116.1 V/m; Power Drift = 0.01 dB

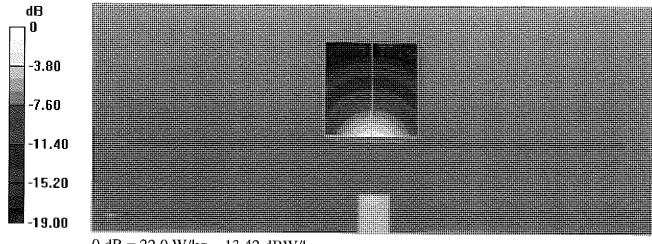
Peak SAR (extrapolated) = 26.2 W/kg

SAR(1 g) = 13.4 W/kg; SAR(10 g) = 6.24 W/kg

Smallest distance from peaks to all points 3 dB below = 9 mm

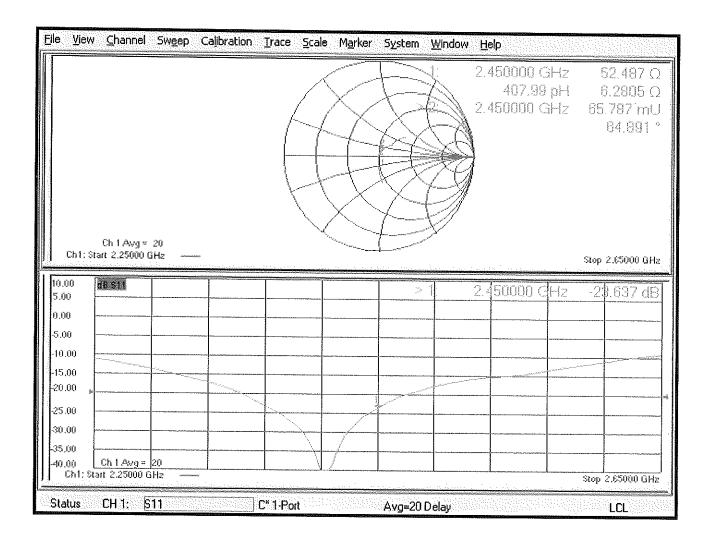
Ratio of SAR at M2 to SAR at M1 = 51.1%

Maximum value of SAR (measured) = 22.0 W/kg



0 dB = 22.0 W/kg = 13.42 dBW/kg

Impedance Measurement Plot for Head TSL



DASY5 Validation Report for Body TSL

Date: 15.11.2022

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN:855

Communication System: UID 0 - CW; Frequency: 2450 MHz

Medium parameters used: f = 2450 MHz; $\sigma = 2.01$ S/m; $\epsilon_r = 51.7$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

• Probe: EX3DV4 - SN7349; ConvF(8.12, 8.12, 8.12) @ 2450 MHz; Calibrated: 31.12.2021

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 31.08.2022
- Phantom: Flat Phantom 5.0 (back); Type: QD 000 P50 AA; Serial: 1002
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Body Tissue/Pin=250 mW, d=10mm 2/Zoom Scan (7x7x7)/Cube 0:

Measurement grid: dx=5mm, dy=5mm, dz=5mm

Reference Value = 108.4 V/m; Power Drift = -0.04 dB

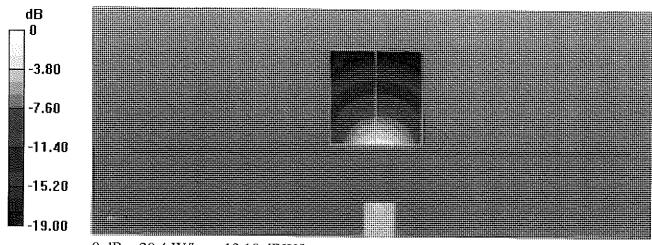
Peak SAR (extrapolated) = 24.1 W/kg

SAR(1 g) = 12.8 W/kg; SAR(10 g) = 6.03 W/kg

Smallest distance from peaks to all points 3 dB below = 8.9 mm

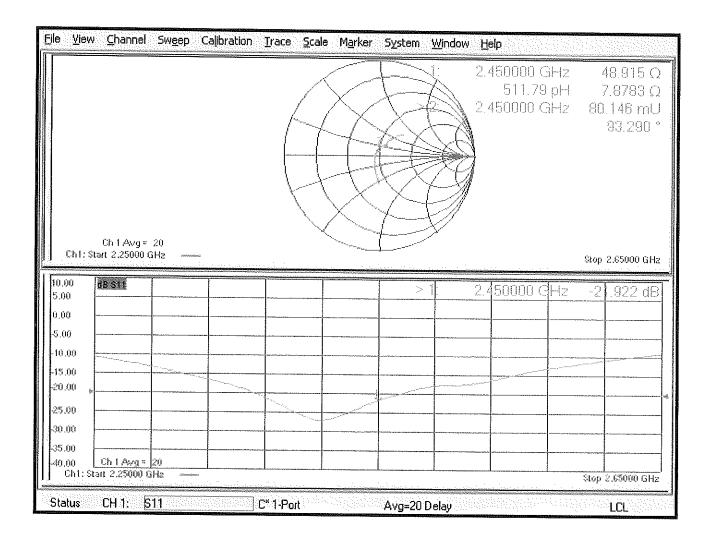
Ratio of SAR at M2 to SAR at M1 = 53.7%

Maximum value of SAR (measured) = 20.4 W/kg



0 dB = 20.4 W/kg = 13.10 dBW/kg

Impedance Measurement Plot for Body TSL



element

ELEMENT MATERIALS TECHNOLOGY

(formerly PCTEST) 18855 Adams Ct, Morgan Hill, CA 95037 USA Tel. +1.408.538.5600 http://www.element.com



Certification of Calibration

Object D2450V2 – SN: 855

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extension Calibration date: November 15, 2023

Description: SAR Validation Dipole at 2450 MHz.

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number	
Agilent	8753ES	S-Parameter Vector Network Analyzer	6/2/2023	Annual	6/12/2024	MY40003841	
Agilent	E4438C	ESG Vector Signal Generator	4/25/2023	Annual	4/25/2024	US41460739	
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972	
Rohde & Schwarz	NRX	Power Meter	1/11/2023	Annual	1/11/2024	102583	
Rohde & Schwarz	NRP-Z81	Wide Band Power Sensor	1/19/2023	Annual	1/19/2024 1/11/2024 5/11/2024 10/24/2024 7/18/2024	106563	
Rohde & Schwarz	NRP-Z81	Wide Band Power Sensor	1/11/2023	Annual		106564	
Traceable	4040 90080-06	Therm./ Clock/ Humidity Monitor	5/11/2022 10/24/2023	Biennial		221514974	
Control Company	4353	Ultra Long Stem Thermometer		Annual		200645916	
Agilent	85033E	3.5mm Standard Calibration Kit	7/18/2023	Annual		MY53402352	
Mini-Circuits VLF-6000+		Low Pass Filter DC to 6000 MHz	CBT	N/A	CBT	N/A	
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406	
Mini-Circuits	ZHDC-16-63-S+	50-6000MHz Bidirectional Coupler	CBT	N/A	CBT	N/A	
Pasternack	NC-100	Torque Wrench	12/5/2022	Biennial	12/5/2024	N/A	
SPEAG	DAK-3.5	Dielectric Assessment Kit	5/9/2023	Annual	5/9/2024	1070	
SPEAG	EX3DV4	SAR Probe	11/9/2023	Annual	11/9/2024	7639	
SPEAG	DAE4	Dasy Data Acquisition Electronics	11/14/2023	Annual	11/14/2024	1403	

Measurement Uncertainty = ±23% (k=2)

	Name	Function	Signature
Calibrated By:	Arturo Oliveros	Compliance Engineer	46
Approved By:	Greg Snyder	Executive VP of Operations	LuggedSol

Object:	Date Issued:	Page 1 of 3
D2450V2 – SN: 855	11/15/2023	rage 1015

DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

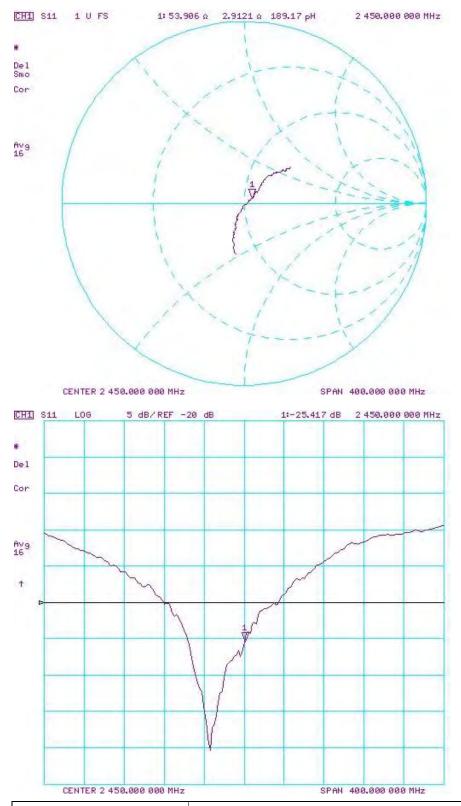
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

C	alibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 20.0 dBm	THead SAR (1a)	Deviation 1g (%)	Certificate SAR Target Head (10g) W/kg @ 20.0 dBm	Head SAR	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real				Measured Impedance Head (Ohm) Imaginary	Difference	Certificate Return Loss Head (dB)		Deviation (%)	
11	1/15/2022	11/15/2023	1.157	5.24	5.13	-2.10%	2.46	2.38	-3.25%	52.5	53.9	1.4	6.3	2.9	3.4	-23.6	-25.4	-7.70%	

Object:	Date Issued:	Page 2 of 3
D2450V2 – SN: 855	11/15/2023	raye 2 01 3

Impedance & Return-Loss Measurement Plot for Head TSL



Object:	Date Issued:	Page 3 of 3
D2450V2 – SN: 855	11/15/2023	Page 3 of 3

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Client Element

Morgan Hill, USA

Certificate No. D5GHzV2-1163_Jun24

CALIBRATION CERTIFICATE

Object

D5GHzV2 - SN:1163

Calibration procedure(s)

QA CAL-22.v7

Calibration Procedure for SAR Validation Sources between 3-10 GHz

Calibration date:

June 12, 2024

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)

Primary Standards	ID#	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	26-Mar-24 (No. 217-04036/04037)	Mar-25
Power sensor NRP-Z91	SN: 103244	26-Mar-24 (No. 217-04036)	Mar-25
Power sensor NRP-Z91	SN: 103245	26-Mar-24 (No. 217-04037)	Mar-25
Reference 20 dB Attenuator	SN: BH9394 (20k)	26-Mar-24 (No. 217-04046)	Mar-25
Type-N mismatch combination	SN: 310982 / 06327	26-Mar-24 (No. 217-04047)	Mar-25
Reference Probe EX3DV4	SN: 3503	07-Mar-24 (No. EX3-3503_Mar24)	Mar-25
DAE4	SN: 601	22-May-24 (No. DAE4-601_May24)	May-25
Secondary Standards	ID#	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB39512475	30-Oct-14 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: US37292783	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
Power sensor HP 8481A	SN: MY41093315	07-Oct-15 (in house check Oct-22)	In house check: Oct-24
RF generator R&S SMT-06	SN: 100972	15-Jun-15 (in house check Oct-22)	In house check: Oct-24
Network Analyzer Agilent E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	Name	Function	Signature
Calibrated by:	Paulo Pina	Laboratory Technician	
			*
Approved by:	Sven Kühn	Technical Manager	1/6/1/1/
		J./t.	10.767447

Issued: June 13, 2024

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The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Glossary:

TSL

tissue simulating liquid

ConvF

sensitivity in TSL / NORM x,y,z

N/A

not applicable or not measured

Calibration is Performed According to the Following Standards:

- a) 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.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Additional Documentation:

c) DASY System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed point exactly below the center marking of the flat phantom section, with the arms oriented parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole positioned under the liquid filled phantom. The impedance stated is transformed from the measurement at the SMA connector to the feed point. The Return Loss ensures low reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point.
 No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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

Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	V52.10.4
Extrapolation	Advanced Extrapolation	***************************************
Phantom	Modular Flat Phantom V5.0	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, $dy = 4.0$ mm, $dz = 1.4$ mm	Graded Ratio = 1.4 (Z direction)
Frequency	5250 MHz ± 1 MHz 5600 MHz ± 1 MHz 5750 MHz ± 1 MHz 5850 MHz ± 1 MHz	

Head TSL parameters at 5250 MHz
The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.9	4.71 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	36.3 ± 6 %	4.60 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5250 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	- Marie - Mari
SAR measured	100 mW input power	7.95 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.6 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.26 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.6 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5600 MHz

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.5	5.07 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.6 ± 6 %	4.97 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5600 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.28 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	82.8 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.34 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.4 W/kg ± 19.5 % (k=2)

Head TSL parameters at 5750 MHz The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.4	5.22 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.4 ± 6 %	5.14 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5750 MHz

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	8.12 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	81.1 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.30 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	23.0 W/kg ± 19.5 % (k=2)

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Head TSL parameters at 5850 MHz
The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	35.2	5.32 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	35.3 ± 6 %	5.24 mho/m ± 6 %
Head TSL temperature change during test	< 0.5 °C		

SAR result with Head TSL at 5850 MHz

SAR averaged over 1 cm³ (1 g) of Head TSL	Condition	
SAR measured	100 mW input power	7.90 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	79.0 W/kg ± 19.9 % (k=2)

SAR averaged over 10 cm ³ (10 g) of Head TSL	condition	
SAR measured	100 mW input power	2.22 W/kg
SAR for nominal Head TSL parameters	normalized to 1W	22.2 W/kg ± 19.5 % (k=2)

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Appendix (Additional assessments outside the scope of SCS 0108)

Antenna Parameters with Head TSL at 5250 MHz

Impedance, transformed to feed point	45.9 Ω - 5.0 jΩ
Return Loss	- 23.4 dB

Antenna Parameters with Head TSL at 5600 MHz

Impedance, transformed to feed point	48.8 Ω + 2.7 jΩ
Return Loss	- 30.6 dB

Antenna Parameters with Head TSL at 5750 MHz

Impedance, transformed to feed point	56.4 Ω - 1.5 jΩ
Return Loss	- 24.2 dB

Antenna Parameters with Head TSL at 5850 MHz

Impedance, transformed to feed point	59.5 Ω + 1.4 jΩ
Return Loss	- 21.1 dB

General Antenna Parameters and Design

Electrical Delay (one direction)	1.165 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard.

No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

Certificate No: D5GHzV2-1163_Jun24

DASY5 Validation Report for Head TSL

Date: 12.06.2024

Test Laboratory: SPEAG, Zurich, Switzerland

DUT: Dipole D5GHzV2; Type: D5GHzV2; Serial: D5GHzV2 - SN:1163

Communication System: UID 0 - CW; Frequency: 5250 MHz, Frequency: 5600 MHz, Frequency: 5750

MHz, Frequency: 5850 MHz

Medium parameters used: f = 5250 MHz; $\sigma = 4.6$ S/m; $\epsilon_r = 36.3$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5600 MHz; $\sigma = 4.97$ S/m; $\epsilon_r = 35.6$; $\rho = 1000$ kg/m³ Medium parameters used: f = 5750 MHz; $\sigma = 5.14$ S/m; $\epsilon_r = 35.4$; $\rho = 1000$ kg/m³

Medium parameters used: f = 5850 MHz; $\sigma = 5.24$ S/m; $\epsilon_r = 35.3$; $\rho = 1000$ kg/m³

Phantom section: Flat Section

Measurement Standard: DASY5 (IEEE/IEC/ANSI C63.19-2011)

DASY52 Configuration:

- Probe: EX3DV4 SN3503; ConvF(5.39, 5.39, 5.39) @ 5250 MHz, ConvF(5, 5, 5) @ 5600 MHz, ConvF(4.98, 4.98, 4.98) @ 5750 MHz, ConvF(4.89, 4.89, 4.89) @ 5850 MHz; Calibrated: 07.03.2024
- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn601; Calibrated: 22.05,2024
- Phantom: Flat Phantom 5.0 (front); Type: QD000P50AA; Serial: 1001
- DASY52 52.10.4(1535); SEMCAD X 14.6.14(7501)

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5250 MHz/Zoom Scan, dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

dist=1.4mm (8x8x/)/Cube v: Measurement grid: dx=4mm, dy=4mm, dz=1.4

Reference Value = 75.03 V/m; Power Drift = 0.03 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(1 g) = 7.95 W/kg; SAR(10 g) = 2.26 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 69.7%

Maximum value of SAR (measured) = 17.9 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5600 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 74.93 V/m; Power Drift = 0.02 dB

Peak SAR (extrapolated) = 31.5 W/kg

SAR(1 g) = 8.28 W/kg; SAR(10 g) = 2.34 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 66.9%

Maximum value of SAR (measured) = 19.3 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5750 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 72.50 V/m; Power Drift = 0.08 dB

Peak SAR (extrapolated) = 32.1 W/kg

SAR(1 g) = 8.12 W/kg; SAR(10 g) = 2.30 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 65.4%

Maximum value of SAR (measured) = 19.2 W/kg

Dipole Calibration for Head Tissue/Pin=100mW, dist=10mm, f=5850 MHz/Zoom Scan,

dist=1.4mm (8x8x7)/Cube 0: Measurement grid: dx=4mm, dy=4mm, dz=1.4mm

Reference Value = 71.84 V/m; Power Drift = 0.09 dB

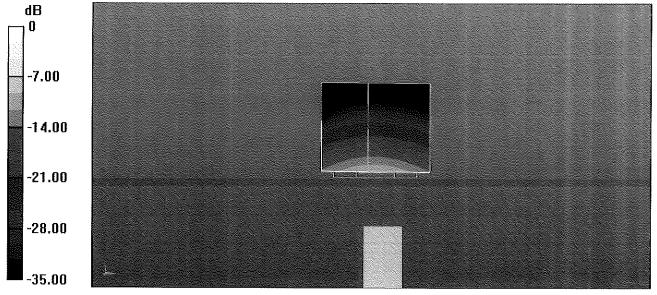
Peak SAR (extrapolated) = 32.3 W/kg

SAR(1 g) = 7.90 W/kg; SAR(10 g) = 2.22 W/kg

Smallest distance from peaks to all points 3 dB below = 7.2 mm

Ratio of SAR at M2 to SAR at M1 = 64.4%

Maximum value of SAR (measured) = 18.8 W/kg



0 dB = 19.3 W/kg = 12.85 dBW/kg

Impedance Measurement Plot for Head TSL

