

Appendix F. – Probe Calibration Data

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Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7702_Jan24

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7702

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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 22, 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
OCP DAK-3.5 (weighted)	SN: 1249	05-Oct-23 (OCP-DAX3.5-1249 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

Calibrated by Joanna Lleshaj Laboratory Technician Application

Approved by Sven Kühn Technical Manager Ssued: January 23, 2024

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

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Glossary

TSL tissue simulating liquid NORMx,y,z sensitivity in free space ConvF sensitivity in TSL / NORMx,y,z diode compression point

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

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Polarization φ φ rotation around probe axis

Polarization θ of 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

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:7702

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) ^A	0.67	0.64	0.67	±10.1%
DCP (mV) B	104,1	107.2	106.2	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	118.8	±1.2%	±4.7%
		Y	0.00	0.00	1.00		135.5	5500000	12000000
		2	0.00	0.00	1.00		118.8		
10352	Pulse Waveform (200Hz, 10%)	X	1.67	61.29	6.68	10.00	60.0	±2.8%	±9.6%
		Y	1.64	61.10	6.68		60.0		
		Z	1.65	61.20	6.61		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.79	60.00	4.87	6.99	80.0	±2.4%	±9.6%
		Y	0.81	60.00	4.99		80.0	0.000	-0000
		Z	0.82	60.00	4.91		80.0	1	
10354	Pulse Waveform (200Hz, 40%)	X	0.00	122.83	0.60	3.98	95.0	±2.7%	±9.6%
	Million of the Section of the Sectio	Y	0.51	159.33	13.45		95.0	0000000000	and the same
		2	0.06	128.52	0.13		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	9.91	153.38	2.02	2.22	120.0	±1.6%	±9.6%
	1 DELT TO CONTROL OF THE STATE OF THE CONTROL OF TH	Y	10.06	159.29	15.98		120.0		201011
		Z	9.36	157.95	-27.07		120.0	f	
10387	QPSK Waveform, 1 MHz	X	0.78	64.77	12.79	1.00	150.0	±4.0%	±9.6%
		Y	0.62	64.54	12.89		150.0		3200
		Z	0.65	63.61	12.15		150.0		
10388	QPSK Waveform, 10 MHz	X	1.47	65.40	14.08	0.00	150.0	±1.3%	±9.6%
		Y	1.41	66.24	14.19		150.0	- THE REAL PROPERTY.	-
		Z	1,38	65,11	13.76		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.59	63.22	15.44	3.01	150.0	±1.2%	±9.6%
		Y	1.72	64.74	16.00		150.0		
-		Z	1.62	63.77	15.60		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.93	65.92	14.99	0.00	150.0	±1.7%	±9.6%
		Y	2.88	66.43	15.16	55000	150.0	==90,000	= 77.77
		Z	2.85	65.82	14.86		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.20	66.18	15.53	0.00	150.0	±3.4%	±9.6%
	ASSOCIATION AND AND AND AND AND AND AND AND AND AN	Y	3.86	66.00	15.28	2000000	150.0	ocrasiidh.	***************************************
		Z	4.07	66.18	15.43		150.0		

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%.

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

Linearization parameter uncertainty for maximum specified field strength.

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:7702

Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V 2	T5 V-1	T6
X	14.1	102.90	33.96	2.27	0.00	4.90	0.00	0.04	1.00
у	10.2	73.08	32.64	2.58	0.00	4.90	0.45	0.00	1.00
Z	12.3	88.54	33.23	3.60	0.00	4.90	0.33	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-43.6°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9mm
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:7702

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	9.65	10.07	8.84	0.42	1.27	±12.0%
835	41.5	0.90	9.78	10.51	9.13	0.41	1.27	±12.0%
900	41.5	0.97	8.96	9.74	8.66	0.41	1.27	±12.0%
1640	40.2	1.31	7.99	8.29	7.49	0.45	1.27	±12.0%
1750	40.1	1.37	8.49	8.77	7.91	0.26	1.27	±12.0%
1900	40.0	1.40	8.13	8.45	7.61	0.28	1.27	±12.0%
2300	39.5	1.67	7.57	7.87	7.12	0.31	1.27	±12.0%
2450	39.2	1.80	7.85	8.15	7.38	0.30	1.27	±12.0%
2600	39.0	1.96	7.48	7.77	7.04	0.29	1.27	±12.0%
3300	38.2	2.71	6.93	7.15	6.52	0.35	1.27	±14.0%
3500	37.9	2.91	7.04	7.25	6.60	0.35	1.27	±14.0%
3700	37.7	3.12	6,98	7.19	6.58	0.35	1.27	±14.0%
3900	37.5	3.32	6.77	6.96	6.39	0.37	1.27	±14.0%
4100	37.2	3.53	6.61	6.80	6.23	0.37	1.27	±14.0%
5250	35.9	4.71	5.60	5.74	5.28	0.35	1.62	±14.0%
5600	35.5	5.07	4.77	4.87	4.44	0.39	1.67	±14.0%
5750	35.4	5.22	4,90	4,99	4.57	0.39	1.75	±14.0%
5800	35.3	5.27	4.75	4.84	4.44	0.40	1.78	±14.0%

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 Com/F 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 Com/F assessments at 30, 64, 126, 150 and 220 MHz respectively. Validity of Com/F assessed at 6 MHz is 4-9 MHz, above 5 GHz frequency validity can be extended to ±110 MHz.

The probes are calibrated using fisses simulating liquids (TSL) that deviations for a and or by less than ±5% from the target values (hybically 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 2.7 - 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 6p diameter from the



Parameters of Probe: EX3DV4 - SN:7702

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	5.55	5.40	5.10	0.20	2.00	±18.6%
7000	33.9	6.65	5.61	5.47	5.11	0.20	2.00	±18.6%
8000	32.7	7.84	5.73	5.50	5.21	0.44	1.41	±18.6%
9000	31.6	9.08	5.93	5.43	5.28	0.45	1.60	±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 itssue simulating squids (TSL) that deviate for e and e by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±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 ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3–6 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.

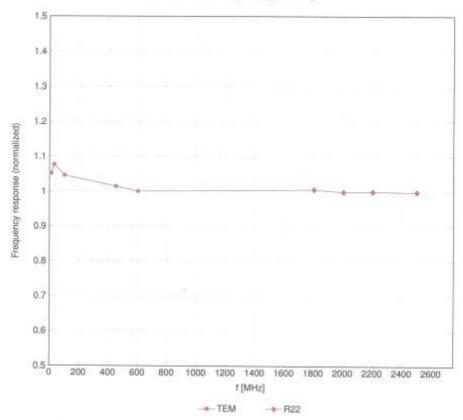
January 22, 2024



EX3DV4 - SN:7702

Frequency Response of E-Field

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



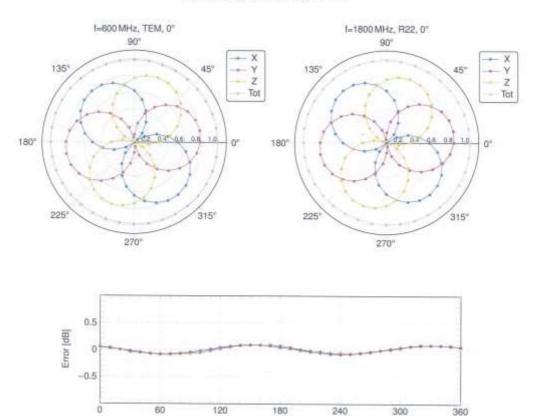
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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



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

- 600 MHz

Roll [°]

- 1800 MHz

- 2500 MHz

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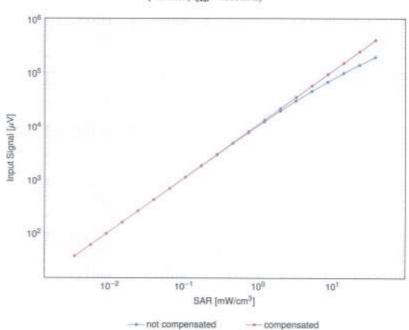
-- 100 MHz

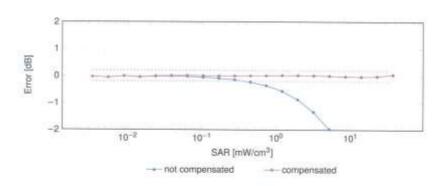
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Dynamic Range f(SAR_{head})

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





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

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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Uncli k = 2
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	19.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mops)	WEAN	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
10 023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	+9.6
10024	DAC	GPRS-FOD (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
10033	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH3)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Blustooth (8-DPSK, DH3)	Bluefooth	4.77	±9.6
10:038	CAA	IEEE 802 15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10038	CAB	GDMA2000 (1xRTT, RC1)	COMA2000	4,57	±9.6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDO (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	51.01	±9.6
10058	DAC	EDGE-FD0 (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	
10000	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		±9.6
10062	CAE	IEEE 802.11a/h WIFI 5 GHz (DFDM, 6 Mbps)	WLAN	3.60	±9.6
10083	CAE	IEEE 802.11a/h WIFI 5 GHz (OFOM, 9 Mbps)	1000000	8.68	±9.6
10084	CAE	IEEE 802,11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN WLAN	8.63	±9.6
10065	CAE	IEEE 802:11a/h WIF1 5 GHz (OFDM, 12 Mbps)		9.09	19.6
10066	CAE	IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Nops)	WLAN	9.00	±9.6
10067	CAE	IEEE 802.11a/h WFi 5 GHz (OFDM, 24 mbps)	WLAN	9.38	±9.6
10068	CAE	IEEE 802.11a/h WFI 5 GHz (OFDM, 38 Nbps)	WLAN	10.12	±9.6
10069	CAE	IEEE 802.11a/n WFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.24	±9.6
10071	CAB		WLAN	10.56	±9.6
10072	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
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.6
10075	CAB	IEEE 802.11g WiFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10076	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
	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081		CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fulkate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 6-4)	GSM	6.56	+9.6
10097	CAC	UMTS-F00 (HSDPA)	WCDMA	3.98	±9.6
10098	CAC	UMTS-FDD (HSUPA, Sublest 2)	WCDMA.	3.98	±9.6
10099	DAG	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.fi
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-TOO	9.29	19.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 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	#B.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FOD	6.44	±9.6

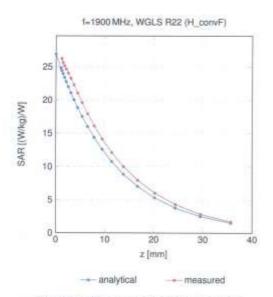
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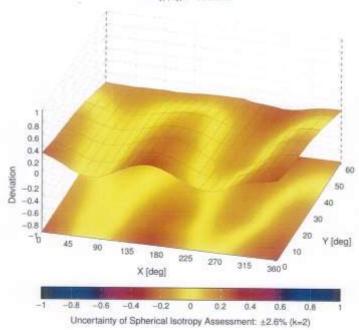
January 22, 2024

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , f = 900 MHz



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UID	Rev	Communication System Name	Group	PAR (dB)	
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	6.82	±9.6
10114		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, 13.5Mbps, BPSK)	WLAN	8.07	19.6
10118	CAE	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
10119	CAE	IEEE 802.11n (HT Mixed, 135 Mops, 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, 15MHz, 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	1000	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	±9.6
10.147	CAG	LTE-FDO (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
0150	CAF	LTE-FDO (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
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% FIB, 20 MHz, 64-QAM)	LTE-TOD	10.05	±9.6
0.154	CAH	LTE-FDD (SC-FDMA, 50%, RB, 10 MHz, QPSK)	I,TE-FDD	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50%, RB. 10 MHz, 16-QAM)	LTE-FDD	5.43	±9.6
militaria de la Versel	CAH	LTE-FDD (SC-FDMA, 50%, RB, 5MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FD0	6.49	±9.6
0 159	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDO	6.62	±9.6
0.190	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	6,56	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, GF3K)	LTE-FOD	5.82	±9.6
0162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)		6.43	±9,6
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4 MHz, QPSK)	LTE-FDD	6.58	±9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.46	±9.6
0 168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.21	±9.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	6.79	±9.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	5.73	19.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)		8.52	±9.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD LTE-TDD	6.49 9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOO	9.48	±9.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TOO	10.25	±9,6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FD0	5.72	±9.6
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	
0177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDO	5.73	±9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	8.52	19.6
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 84-QAM)	LTE-FDD	6.50	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	19.6
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	±9.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	19.6
0183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	5.50	±9.6
0.184	CAF	LTE-FDO (SC-FDMA, 1 RB, 3MHz, QPSK)	LYE-FOD	5.73	±9.6
0185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±9.6
0.186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	8.50	±9.6
0187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.6
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1,4MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0188	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0193	CAE	IEEE 802,11n (HT Greenfield, 5.5 Mbps, BPSK)	WLAN	8.09	+9.6
0194	CAE	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	+9.6
0195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6
0190	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
0197	CAE	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
0198	CAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	B.27	±9.6
0219	CAE	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
0.220	CAE	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8,13	±9.6
0221	CAE	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
0.222	CAE	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
0223	CAE	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAW)	WLAN	8.48	±9.6
0224	CAE	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

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UID	Bev	Communication System Name	Group	PAR (dB)	Unc ^{III} k -
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 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-TOD (SC-FDMA, 1 RB, 1.4MHz, OPSK)	LTE-TDD	9.22	19.6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0230	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDO	10.25	±9.6
0231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0233	CAH				
		LTE-TDD (SC-FDMA, 1 RB, 5MHz, 84-QAM)	LTE-TDD	10.25	±9.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	19.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0237	CAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
0238	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	3.48	±9.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9,21	±9.6
0241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
0242	CAC	LTE-TOD (SC-FOMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
0243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDO	9.46	±9.6
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TDD	10.06	±9.6
0245	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 18-QAM)			
Activities and the	the second		LTE-TDD	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM)	LTE-TDD	10.09	±9.6
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
0.250	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	±9.6
0.251	CAH	LTE-TDD (SC-FDMA, 50% FIB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
0252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	±9,6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10,14	±9.6
0255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.6
2256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.96	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
0258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TOD	9.34	±9.0
0259	CAE	LTE-TOD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TOD	9.98	±9.6
0260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 84-QAM)	LTE-TDD	9.97	±9.6
0261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TOD	9.24	-
0262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	04/04/04/04/04	±0.6
0263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	The state of the s	9.83	±9.6
264	CAH	The first term of the first of	LTE-TDD	10.16	±9,6
and the Control of the Control	the state of the s	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	9.23	±0.6
1265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.0
1266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
1267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
0268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 18-QAM)	LTE-TOD	10.06	±93
0.269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.12	19.6
1270	CAG	LTE-TDD (SC-FDMA, 100% RB: 15 MHz, QPSK)	LTE-TDD	9.58	±9.6
0274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
1275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
277	CAA	PHS (QPSK)	PHS	11.81	±9.0
278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	±9.6
279	CAA	PHS (QPSK, BW 684 MHz, Rolloff 0.38)	PHS	12.18	±9.6
290	AAB	COMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	+9.6
291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	-	
292	AAB	CDMA2000, RC3, SO32, Full Rate		3,46	19.6
293	AAEI	CDMA2000, RC3, SC3, Full Rate	CDMA2000	3.39	±9.6
295	AAB	COMA2000, RC1, SO3, Full Hate 25 l/.	CDMA2000	3,50	±9.6
market 4.4	of experience of the		CDMA2000	12,49	#9.6
297	AAE	LTE-FOD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD:	5.81	29,6
298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6
300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 84-QAM)	LTE-F00	6.60	±9.6
0301	AAA	IEEE 802.16e WMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
302	AAA	IEEE 802 15e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	±9.6
303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WiMAX	12.52	29.6
304	AAA	IEEE 802 16e WMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WIMAX	11,88	±9.0
306	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
		IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	1100000	130,467	7,010

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE 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)	WMAX	14.46	±9.6
10309	AAA	IEEE 802.18e 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	19.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	6.06	±9.6
10313	4	IDEN 13	IDEN	18.51	19.6
10314	AAA	IDEN 1.6	IDEN	13.48	
10315	and the second	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	-		±9.6
10316	AAB		WLAN	1.71	±9.6
10316	AAE	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8,36	±9.6
the second second		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%)	Generio	3.98	±9.6
10355	AAA	Pulse Wavetorm (200Hz, 60%)	Generic	2.22	±9.6
10356	AAA	Pulse Wavetorm (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Waveform, 1 MHz	Generic:	5.10	±9.6
10388	AAA	OPSK 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
10.400	AAF	IEEE 800.11ac 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	The state of the s	the same of the same of
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	The second limit of the last contract of the last c	8.53	±9.6
10404	AAB	COMA2000 (1xEV-DD, Rev. A)	CDMA2000	3.76	±9.6
10406	AAB		CDMA2000	3.77	±9.6
10410	direct Colonian Inc.	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
THE RESERVE AND ADDRESS OF THE PARTY.	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Cont=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	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 preembute)	WLAN	B.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, 15-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	0.45	The state of the s
10427	AAD	IEEE 802.11n (HT Greenfield, 150 Mbps, 84-QAM)	WLAN		±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDO	8.41	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)		8,28	±9.6
10.432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDO	8.38	19.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDO	8.34	±9.6
10434	AAB		LTE-FDO	8.34	19.6
	Printed Spring	W-COMA (BS Test Model 1, 64 DPCH)	WCDMA	8,60	±9.6
10435	AAG	LTE-TOD (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
10.448	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, 20MHz, 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
Lat America			THE RESERVE OF THE PARTY OF THE	_	The state of the s
10456	CAA	IEEE 802,11ac WIFI (189 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	+94.6
embediatelia (d. 1	DAA	IEEE 802.11sc WiFI (169 MHz; 64-QAM, 99pc duty cycle) UMTS-FDD (DC-HSDPA)		8.63	±9.5
10456			WCDMA	fi.62	±9.6
10456 10457	BAA	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.62 6.55	±9.6 ±8.6
10456 10457 10458	BAA	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000 CDMA2000	6.62 6.55 8.25	±9.6 ±8.6 ±9.6
10456 10457 10458 10459	BAA AAA AAA	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS-FDD (WCDMA, AMR)	WCDMA CDMA2000 WCDMA	6.62 6.55 8.25 2.39	±9.6 ±8.6 ±9.6 ±9.6
10456 10457 10458 10458 10460 10461	AAA AAA AAB AAC	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rov. B, 2 carriers) CDMA2000 (1xEV-DO, Rov. B, 3 carriers) UMTS-FDD (WCDMA, AMP) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe-2.3.4,7,8,9)	WCDMA CDMA2000 WCDMA LTE-TDD	6.62 6.55 8.25 2.39 7.82	±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462	AAB AAA AAB AAC AAC	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers): CDMA2000 (1xEV-DO, Rev. B, 3 carriers): UMTS-FDD (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe~2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe~2.3.4.7.8.9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463	AAB AAA AAB AAG AAG AAC	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rov. B, 2 carriers): CDMA2000 (1xEV-DO, Rov. B, 3 carriers): UMTS-FDD (WCOMA, AMR): LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe-2.3.4,7,8,9):	WGDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD LTE-TDD	6.62 8.55 8.25 2.39 7.62 8.30 8.56	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464	AAB AAA AAB AAC AAC AAC AAC	UMTS FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS FDD (WCDMA, AMP) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	8.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82	±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464 10465	AAB AAA AAB AAC AAC AAC AAC AAD	UMTS FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rov. B, 2 carriers). CDMA2000 (1xEV-DO, Rov. B, 3 carriers). UMTS FDD (WCDMA, AMP) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GP5K, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GP5K, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GP5K, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GP5K, UL Subframe-2,3,4,7,8,9).	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	6.62 8.55 8.25 2.39 7.62 8.30 8.56	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466	AAB AAA AAB AAC AAC AAC AAC AAD AAD	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers): CDMA2000 (1xEV-DO, Rev. B, 3 carriers): UMTS-FDD (WCOMA, AMP) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 3 MHz, CPSK, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2.3.4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2,3,4,7,8,9): LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe-2,3,4,7,8,9):	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	8.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10467	AAB AAA AAB AAC AAC AAC AAC AAD AAD AAD	UMTS-FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers): CDMA2000 (1xEV-DO, Rev. B, 3 carriers): UMTS-FDD (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, DPSK, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0PSK, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2.3.4.7.8.9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM, UL Subframe-2.3.4.7.8.9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	8.62 6.55 8.25 2.39 7.62 8.30 8.56 7.82 8.32	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10466 10466 10466	AAB AAA AAB AAC AAC AAC AAC AAD AAD AAD AAG AAG	UMTS FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS FDD (WCDMA, AMF) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe-2.3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9)	WCDMA CDMA2000 CDMA2000 WCDMA LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD LTE-TDD	6.62 6.55 8.25 2.39 7.62 8.30 8.56 7.82 8.32 8.57	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10467 10468 10468	AAB AAA AAB AAC AAC AAC AAD AAD AAD AAG AAG AAG	UMTS FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers). CDMA2000 (1xEV-DO, Rev. B, 3 carriers). UMTS FDD (WCDMA, AMF) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 1 4 MHz, 64-QAM, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 04-QAM, UL Subframe-2,3,4,7,8,9). 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, GPSK, UL Subframe-2,3,4,7,8,9). LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, 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 (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe-2,3,4,7,8,9).	WCDMA CDMA2000 CDMA2000 CDMA2000 WCDMA LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.57 7.82	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6
10456 10457 10458 10459 10460 10461 10462 10463 10464 10465 10466 10466 10466 10466	AAB AAA AAB AAC AAC AAC AAC AAD AAD AAD AAG AAG	UMTS FDD (DC-HSDPA) CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers) UMTS FDD (WCDMA, AMF) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, GPSK, UL Subframe-2.3.4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe-2.3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GPSK, UL Subframe-2,3,4,7,8,9)	WCDMA CDMA2900 CDMA2000 WCDMA LTE-TDD	6.62 6.55 8.25 2.39 7.82 8.30 8.56 7.82 8.32 8.37 7.82 8.32	±9.6 ±9.6 ±9.6 ±9.6 ±9.8 ±9.8 ±9.8 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10472	AAG	LTE-TDD (SC-FDMA, 1 R8, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	#9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	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-TOD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TOO	B.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	H.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	£.45	±9.6
10482	AAD	LTE-TDD (SC-FOMA, 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	19.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10.485	AAG	LTE-TOD (SC-FDMA: 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±9.6
10486	AAG	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	6.38	19.6
0487	AAG	LTE-TOD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	±9.6
0488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8.9)	LTE-TDD	7.70	±9.6
0.489	AAG	LTE-TDD (SC-FDMA, 50% R8, 10 MHz. 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TD0	8.31	±9.6
0490	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
0491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2.3.4.7.8.9)	LTE-TDD	7.74	±9.6
0492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.41	±9.6
0493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subtrame=2.3,4,7.8.9)	LTE-TDD	8.55	49.6
0494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TDO	7.74	±9.6
0495	AAG	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3.4.7.8.9)	LTE-TOD	8.37	±9.6
0496	AAG	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,54	±9.6
0497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	7.67	±9.6
0498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.40	19.6
0499	AAC	LTE-TOD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe-2.3.4.7.8.9)	LTE-TDO	8.68	19.0
0500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subrame=2,3,4,7,8,9)	LTE-TDD	7.67	
0501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		±9.6
0502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64 QAM, UL Subtrame=2,3,4,7,8,9)	The state of the s	8,44	±9.6
0503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.52	±9.6
0504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,6,9)	LTE-TDD	7.72	±9,6
or an artist of	AAG		LTE-TDD	8.31	±9.6
0.505 0.506	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
0507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
Actor by America	AAG	LTE-TDD (SC-FDMA, 180% RB, 10 MHz, 16-QAM, UL Subhame-2,3,4,7,8,8) LTE-TDD (SC-FDMA, 180% RB, 10 MHz, 64-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8.36	±9.6
0508	AAF		LTE-TOD	8.55	±9.6
0510	AAF	LTE-TOD (SC-FDMA, 100% RB. 15 MHz, QPSK, UL Subframe-2,3,4,7,6,9)	LTE-TDD	7.99	±9.6
this hardwise to	AAF	LTE-TDD (SC-FDMA, 100% FIB. 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
0511	1.7	LTE-TDD (SC-FDMA, 180% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6
0512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
0513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9,6
0514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.0
0.515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
0516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
0517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
0518	AAD	IEEE 802.11a/h WiFl 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
0519	AAD	IEEE 802.11a/h WIFI 5 GHz (OFOM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
0.520	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	2/9/6
0521	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
0522	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
0523	AAD	IEEE 802,11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
0524	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
0525	AAD	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
526	AAD	IEEE 882.11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0527	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
0528	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
9529	AAD	IEEE 802.11ac WIFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
3531	AAD	IEEE 802.11ac WIFI (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
0532	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0533	AAD	IEEE 802.11ac WiFI (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±9.6
0534	AAD	IEEE 862.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.6
0535	AAD	IEEE 802:11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
0536	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
0537	AAD	IEEE 802 11ac WIFI (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
0538	AAD	IEEE 802,11ac WiFi (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.8
	AAD	IEEE 802.11ac WiFl (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	2,476

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10609	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8,67	±9,6
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAD	IEEE 802,11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.62	±9.6
0617	(JAA	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAD	IEEE 802,11ac WiFt (40 MHz, MCS2, 90pc duty cycle)	WEAN	8.58	±9.6
0619	AAD	IEEE 802,11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10820	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
0621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9,6
0623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0624	AAD	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0.625	AAD	IEEE 802.11ac WIFI (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0.628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
0629	AAD	IEEE 802.11ac WiFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0.630	AAD	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
0631	AAD	IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	18.8	±9.6
0.632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0.633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
0634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	B.B0	±9.6
0.635	AAD	IEEE 802,11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
0.636	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0637	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0.638	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0.639	AAE	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0.640	AAE	IEEE 802.11ac WIFI (160 MHz, MC54, 90pc duty cycle)	WLAN	8.98	±9,6
0641	AAE	IEEE 802.11ac WiFi (160 MHz, MCSS, 90pc duty cycle)	WLAN	9,06	±9.6
0642	AAE	IEEE 802.11ac WIFI (160 MHz, MCS6, SOpc duty cycle)	WLAN	9.06	±9.6
0643	AAE	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	+9.6
0644	AAE	IEEE 802.11ac WIFI (190 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
0645	AAE	IEEE 802.11as WIFI (180 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	19.6
0646	AAH	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, Ut, Subframe=2,7)	LTE-TDD	11:96	±9.6
0647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
0648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
0662	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.6
0653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
0664	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
0655	AAF	LTE-TDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9.6
0658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9:6
0.65#	AAB	Pulse Weveform (200Hz, 20%)	Test	6.99	±9.6
0.004	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
0681	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0.682	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
0670	AAA	Bluetooth Low Energy	Bluefooth	2.19	±9.6
1671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9,6
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8,57	±9.6
1673	AAC	IEEE 802.11ex (20 MHz, MCS2, 90pc duty cycle)	WLAN	8,78	±9.6
1675	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
676	AAC	IEEE 802.11ax (20 MHz, MQS4, 90pc duty cycle)	WLAN	8.90	19.6
www.renia	AAC	IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.27	±9.6
1677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
679	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8,78	±9.6
-	war that remailing	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
0680	AAG	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
1880	AAC	IEEE 802.11ax (20 MHz, MGS10, 90pc duty cycle)	WLAN	8.62	#9.6
1682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	±9.6
	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
683			5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5		
884	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.6
0683 0684 0685 0685	AAC AAC	IEEE 882 11ax (20 MHz, WCS1, 99pc duty cycle) IEEE 802 11ax (20 MHz, MCS2, 99pc duty cycle) IEEE 802 11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN WLAN	8.26 8.33	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
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	B.94	±9.6
10.755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	±9.6
0.750	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0757	AAG	IEEE 802.11ax (180 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	=9.6
0.758	AAC	IEEE 802,11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	#9.6
10.759	AAC	IEEE 802.11ax (160 MHz, MCSA, 99pc duty cycle)	WLAN	8.58	±9,6
10760	AAG	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
10783	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10764	AAC	IEEE B02.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.5
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, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.8
10768	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.01	±9.6
10769	AAD	SG 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, OPSK, 15kHz)	5G NR FR1 TDD	8.02	±9,6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	+9.6
0772	AAF	5G NR (CP-OFOM, 1 RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	19.6
0773	AAE	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAF	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	19.6
10776	AAE	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10777	AAC	50 NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.30	±9.6
0778	AAE	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15MHz)	5G NR FR1 TD0	8.30	±9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.34	±9.6
0780	AAE	5G NR (CP-OFDM, 50% RB, 38 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	±9.6
0781	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±9.6
0782	AAE	50 NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±9.6
0783	AAG	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±9.6
0784	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
0785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
0788	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6
10788	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.44	±9.6
10789	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0790	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
0792	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
0.793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
0794	AAE	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	7.84	±9.6
0.796	AAE	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0797	AAF	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
0798	AAE	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.89	19.6
0.799	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	19.6
1080	AAF	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	+9.6
0802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.87	±9.6
0803	AAF	5G NR (CP-OFOM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0805	AAE	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	39.6
9080	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
0809	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.34	±9.6
0810	AAF	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.34	#8.6
0812	AAF	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.35	≘9.6
0817	AAG	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
818	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0823	AAF	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.36	29.6
0824	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TDD	8.39	±9.6
0825	AAF	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0.827	AAF	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.42	19.6
0828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k=2
10887	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, MCS8, 99pc duty cycle)	WLAN	8.55	±9.6
10690	AAC	IEEE 862.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.0
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.25	±9.6
10892	AAC	IEEE 802.11ax (20 MHz, MCSB, 99pc duty cycle)	WLAN	8.29	±9.6
10893	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	
10694	AAC	IEEE 802,11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN		±9.6
10895	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)		8.57	±9.6
10096	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.78	±9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.91	±9.6
10698	AAC		WLAN	8.61	±9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
THE RESIDENCE AND ADDRESS OF THE PARTY OF TH		IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11 ax (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, MGS4, 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	B.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, MCSB, 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	19.6
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	±9.8
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	
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		±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)		8.72	±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, MCS10, 90pc duty cycle)		8.65	±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, 98pc duty cycle)	WLAN	8,67	±9.6
10732	AAC		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, MCS2, 99pc duty cycle)	WLAN	8,40	±9.8
10735	AAC	IEEE 802 11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9:6
The second second	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737		IEEE 802.11ax (80 MHz, MCSB, 98pc duty cycle)	WLAN	8.36	±9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	B.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	B.40	±9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
10743	AAC	IEEE 802;118x (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9,6
10744	AAC	IEEE 802.11ax (100 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10.745	AAC	IEEE 802,11ax (160 MHz, MOS2, 90pc duty cycle)	WLAN	B.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.6
10747	AAC	IEEE 802.11ex (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCSS, 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)	WŁAN	8.79	±9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
		IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	erization.	- GLONE	23.0

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k=2$
10829	AAF	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,40	±9.6
10830	AAE	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	7.63	±9.6
	AAD	5G NR (CP-OFOM, 1 RB, 15 MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.73	±9.6
0833	AAD	SG NR (CP-OFOM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,74	±9.6
0834	AAE	SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10835	AAF	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.75	±9.6
0836	AAE		5G NR FR1 TD0	7,70	±9.6
	AAF	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.66	19.6
0837	AAF	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.68	±9.6
10840	AAE	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.70	±9.6
0841	AAF	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
0843	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz) 5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 50 kHz)	5G NR FR1 TDD	7.71	±9.6
0844	AAE	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±9.6
0846	AAE	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0854	AAE	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	8.41	±9.6
0886	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0856	AAE	5G NR (CP-OFDM, 100% RB, 20 MHz, CPSK, 60 kHz)	SG NR FR1 TDD	8.36	±9.6
0857	AAD	5G NR (OP-OFDM, 100% RB, 25 MHz, QP5K, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0.858	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
0859	AAF	5G NR (CP-OFDM, 100% AB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
0860	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NA FA1 TOD	8.34	±9.6
0861	AAF	5G NR (CP-OFDM, 180% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.41	±9.8
0863	AAF	5G NFI (CP-OFDM, 100% RB, 80 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.40	±9.8
0864	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8:41	±9.6
0865	AAF	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 60 kHz)	5G NR FR1 TD0	8.37	±9.6
0888	AAF	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	8.41	±9.6
0868	AAF	5G NR (DFT-s-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.68	±9.6
0869	AAE	5G NR (DFT-e-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR1 TDD 5G NR FR2 TDD	5.89	±9.6
0.870	AAE	5G NR (DFT-s-OFDM, 100% RB, 160MHz, QPSK, 120kHz)	The second property and the second party and the se	5.75	±9.6
0871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	5.86	#9.6
0872	AAE	5G NR (DFT-e-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
0873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.81	±9.6
0874	AAE	5G NR (DFTs-OFDM, 100%-RB, 100MHz, 64QAM, 120HHz)	5G NR FR2 TDD	6.65	+9.6
0875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
0876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	#9.6
0877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.6
0878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
0879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
1880	AAE	5G NR (DFT-e-DFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	5.75	±9.6
0.882	AAE	5G NR (DFFs-OFDM, 100% RB, 50 MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.96	19.6
0.883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	6.57	±9.6
0884	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NA FR2 TOD	6.53	±9.6
0.885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
0886	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120kHz)	5G NR FR2 TDD	6.65	19.6
0887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120kHz)	5G NR FR2 TDD	7.78	19.6
0888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	8.35	19.6
9889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	±9.6
0880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 18QAM, 120 kHz)	SG NR FR2 TDD	8.40	±9.6
1680	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
0692	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±9.6
0897	AAE	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
0898	AAC	5G NR (DFT-e-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.67	±9.6
0.099	AAB	5G NR (DFT-e-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
1900	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.68	±9.6
901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
0902	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 NHz)	50 NR FR1 TDD	5.68	±9.6
1903	AAD	5G NR (DFT-s-OFDM, 1 R8, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
1904	AAC	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.68	19.6
1905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0906	AAD	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
A POINTS	AAE	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.78	19.6
0.80%	445	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
0907	AAC				
-	AAB	5G NR (DFTs-OFDM, 50% RB. 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.96	19.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc $E k = 2$
10983	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 TOD	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	19.6
10985	AAC	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10.986	AAB	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.50	19.6
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	19.6
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, 15kHz)	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	53 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 115e (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, MC\$3, 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, MCSS, 99pc duty cycle)	WLAN	8.41	±9:6
11018	AAB	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.6
11.019	AAB	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAB	IEEE 802.11be (320 MHz, MCS8, 90pc 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	19.6
11026	AAB	IEEE 802.11be (320 MHz, MCB0, 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.

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE 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	AAC	5G NR (DFT-s-OFDM, 60% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10914	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.8
10915	(JAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	19.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.87	+9.6
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	19.6
10918	AAE	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
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)	The state of the s		19.6
10921	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
10922	AAB		50 NR FR1 TDD	5.84	±9,6
		5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10923	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10924	AAD	5G NR (DFT-e-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAC	5G NR (DFT-s:-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	19.6
10926	AAD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10928	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAD	5G NR (DFT-e-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, OPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 16 kHz)	50 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	100000000000000000000000000000000000000
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)			±9.6
10935	AAD	5G NR (DFT-8-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10936	AAD	5G NR (DFT-e-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
			5G NR FR1 FDD	5.90	±9.6
10937	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.77	±9.6
0938	AAC	SG 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
0940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.89	±9.6
0941	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 MH≥, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	19.6
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.5
10944	AAD	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±9.6
10945	AAD	SG 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 FD0	5.83	±9.6
10947	AAC	5G NR (DFT-e-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	19.6
10948	AAC	5G NR (DFTs-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FD0	5.94	±9.5
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15 kHz)			100/60
10950	AAC	SG NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.87	±9.6
10951	AAD		5G NR FR1 FD0	5,94	±9.6
Carlo State Contract	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952		5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FD0	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
10.954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 15 kHz)	5G NA FR1 FD0	8,23	#9.6
10.955	AAA	SG NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 15 kHz)	5G NR FR1 FD0	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
0957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.31	±9.6
0968	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.51	±9.6
0959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.33	±9.6
0960	AAE	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.32	±9.6
0.961	AAC	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-DAM, 15 kHz)	5G NR FR1 TDD	9.40	- Printle
0963	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz)		9.55	±9.6
0964	AAE	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	100000000000000000000000000000000000000	±9.6
0.965	AAC		5G NR FR1 TDD	9.29	±9.6
0988	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
and the latest terminal and the			5G NR FR1 TDD	9.55	19.6
0967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	19.6
0968	AAD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	19.6
0972	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6
0973	AAD	5G NR (DFT-s-OFOM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	B:06	±9.6
0.974	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30kHz)	5G NR FR1 TDD	10.28	±9.6
0978	AAA	ULLA BOR	ULLA	1.16	±9.6
0979	AAA	ULLA HDR4	ULLA	8.58	19.6
0980	AAA	ULLA HORS	ULLA	10.32	±9.6
0981	AAA	ULLA HDRp4	ULLA	3.19	±9.6
		ULLA HDRp8	9444	0.10	20.0

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E # = 2
10541	AAD	IEEE 802.11ac WFi (40 MHz, MCS7, 98pc duty cycle)	WLAN	8.46	±9.6
10542	AAD	IEEE 802.11ac WIFI (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	19.6
Action Control	AAD	IEEE 802.11ac WFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
C. P. C. C. T.	AAD	IEEE 802.11ac WIFI (90 MHz, MCS0, 99pc duty cycle)	WLAN	B.47	±9.6
0.000	AAD	IEEE 802.11ac WiFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
	AAD	IEEE 802.11as WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
and the second	AAD	IEEE 802 11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
	AAD	IEEE 802.11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
and the second	AAD	IEEE 802 11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
The second second	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
	AAE	IEEE 802.11ac WiFi (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
Sample and Administration Co.	AAE	IEEE 802.11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
	AAE	IEEE 802.11ac WiFi (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
what all had not the pro-	AAE .	IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.52	±9.6
	AAE	IEEE 802,11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.6
-	AAE	IEEE 802.11ac WiFi (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
of Particular Section 1	AAE	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
and the second	AAE	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
	AAE	IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
Access to the latest to the la	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, II Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 96pc duty cycle)	WLAN	8.13	±9.6
excession in the last	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
111111111111111111	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
minimum investment	AAA	IEEE 802:11g WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9,6
	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9,6
-	AAA.	IEEE 802.11b WFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
the State of	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
amountaments land	AAA ·	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
and the first term of the first	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
-	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8,70	±9.6
Action to the second	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
the latest and the latest and the	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
-	AAA	the state of the s	WLAN	8.35	±9.6
e byreloù kecimo de	AAD	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle) IEEE 802.11s/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
	AAD		WLAN	8,59	±9.6
	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle) IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
Acceptation of the Control of the Co	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
-	AAD	IEEE 802.11ah WIFI 5 GHz (OFOM, 24 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
of the female is being all	AAD	IEEE 802.11a/h WIFI 5 GHz (OFOM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
-	AAD	IEEE 802.11ah WIFLS GHz (OFOM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
Appendix Appendix	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.67 8.63	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	The second second
Contract of the Contract of th	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	The state of the s	±9.6
-	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.64	±9.6
A STATE OF THE PROPERTY OF THE PARTY OF THE	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)		8.74	±9.6
	AAD	IEEE 802,11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	B.74	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS8, 90pc duty cycle)	WLAN	8.71	±9.6
	AAD	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.72 8.50	±9.6
CONTRACTOR AND ADDRESS.	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)		- Proposition and the second	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.6
-	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.88	19.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	-	8.82	±9.6
A Company of the Comp	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	8.94	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	9.03	±9.6
	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.76	±9.6
American Company	AAD	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.97	±9.6
	AAD	IEEE 802.11n (H1 Moled, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
and the second second	AAD		WLAN	8.64	±9.8
	mmu.	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

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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

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

Accreditation No.: SCS 0108

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7681_Nov23

CALIBRATION CERTIFICATE

Object EX3DV4 - SN;7681 7,213 2,131 13

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 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 ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013 Jan23)	Jan-24

Secondary Standards	10	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	100
Approved by	Sven Kühn	Technical Manager	S.E.
		n full without written approval of the labor	issued: November 27, 2023

Certificate No: FX-7681 Nov29

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland

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





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

Accreditation No.: SCS 0108

Glossarv

TSL tissue simulating liquid
NORMx,y,z sensitivity in free space
CorvF 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 rotation around probe axis

Polarization \(\theta \) 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

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-Heid 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 CorvF.
- 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 NORIMx (no uncertainty required).

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EX3DV4 - SN:7681 November 27, 2023

Parameters of Probe: EX3DV4 - SN:7681

Basic Calibration Parameters

200	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) ²) ^A	0.68	0.66	0.69	±10.1%
DCP (mV) B	105.3	105.5	103.3	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	125.0	±2.4%	±4.7%
		Y	0.00	0.00	1.00		109.3		
	100 100 No. 100 100 100 100 100 100 100 100 100 10	Z	0.00	0.00	1,00		123.9		
10352	Pulse Waveform (200Hz, 10%)	X	1.66	61.16	6,61	10.00	60.0	±2.9%	±9.6%
		Y	1.59	60.94	6.40		60.0		
		Z	1.68	61.33	6.71		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	42.00	80.00	11.00	6.99	80.0	±2.5%	±9.6%
		Y	22.00	74.00	9.00		80.0		
		Z	42.00	80.00	11.00		80.0	1	
10354	Pulse Waveform (200Hz, 40%)	X	0.33	151.44	0.78	3.98	95.0	±2.6%	±9.6%
		Y	0.00	124.27	0.27	10000	95.0		
		Z	0.30	149.74	0.15		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	8.74	159.33	25.26	2.22	120.0	±1.6%	±9.6%
	PROCESSATION OF BUSINESS AND	Y	4.70	159.99	3.61	(0.000)	120.0	CONTRACTOR OF	0.12591.704
	A AND DOOR OF THE REAL PROPERTY.	Z	8.68	159.46	25.68		120.0	J. Property	25000
10387	QPSK Waveform, 1 MHz	X	0.64	63.96	12.25	1.00	150.0	±4.9%	±9.6%
	A DAVIG TO BE A DESCRIPTION OF THE PERSON OF	Y	0.66	63.24	11.85		150.0		
	AND CONTRACTOR OF THE CONTRACT	Z	0.64	63.99	12.30		150.0		
10388	QPSK Waveform, 10 MHz	X	1.40	65.48	13.81	0.00	150.0	±1.3%	±9.6%
		Y	1,36	64.59	13.49		150.0		
		Z	1.40	65.56	13.84		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.72	64.64	16.13	3.01	150.0	±1.0%	±9.6%
		Y	1.69	64.49	16.04	9338173	150.0	1000	5.500
		Z	1.68	64.24	15.84		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.88	66.08	14.98	0.00	150.0	±2.3%	±9.6%
	esworkerstassystativa as a training	Y	2.97	66.30	15.08	1009416	150.0		8-755590
		2	2.89	66.12	15.02		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.91	65.73	15.18	0.00	150.0	±4.2%	±9.6%
		Y	4.08	65.86	15.30		150.0	-countries	
		Z	3.91	65.76	15.22		150.0		

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%.

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

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.



EX3DV4 - SN:7681 November 27, 2023

Parameters of Probe: EX3DV4 - SN:7681

Sensor Model Parameters

	C1 IF	C2 fF	α V-1	T1 msV ⁻²	T2 msV ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	11.4	82.59	33.63	1.99	0.00	4.90	0.39	0.00	1.00
y	13.7	99.66	33.87	3.73	0.00	4,91	0.51	0.00	1.01
Z:	11.1	81.57	34.20	1.61	0.00	4.90	0.35	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	81.9"
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.

Cartificate No: EY,7691 Nov22

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EX3DV4 - SN:7681 November 27, 2023

Parameters of Probe: EX3DV4 - SN:7681

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	9.34	9.29	9.81	0.54	1.27	±12.0%
835	41.5	0.90	9.17	9.37	9.66	0.53	1.27	±12.0%
900	41.5	0.97	8.36	10.16	9.29	0.53	1.27	±12.0%
1750	40.1	1.37	8.29	8.71	8.90	0.32	1.27	±12.0%
1900	40.0	1.40	7.94	8.33	8.49	0.33	1.27	±12.0%
2450	39.2	1.80	7.46	7.89	8.02	0.32	1.27	±12.09
2600	39.0	1.96	7.38	7.79	7.89	0.32	1.27	±12.0%
3300	38.2	2.71	6.78	7.12	7.25	0.37	1.27	±14.09
3500	37.9	2.91	6.63	6.98	7.10	0.38	1.27	±14.09
3700	37.7	3.12	6.59	6.94	7.05	0.38	1.27	±14.09
3900	37.5	3.32	6.52	6.87	6.98	0.40	1.27	±14.09
4100	37.2	3.53	6.38	6.72	6.81	0.39	1.27	±14.09
4400	36.9	3.84	6.31	6.62	6.72	0.40	1.27	±14.09
4600	36.7	4.04	6.29	6.61	6.69	0.39	1.27	±14.09
4800	36.4	4.25	6.28	6.56	6.67	0.38	1,27	±14.09
4950	36.3	4.40	6.00	6.26	6.38	0.44	1.36	±14.09
5250	35.9	4.71	5.64	5.97	6.05	0.39	1.66	±14.09
5600	35.5	5.07	4.79	4.98	5.09	0.48	1.67	±14.09
5750	35.4	5.22	4.94	5.22	5.21	0.46	1.75	±14.0%
5800	35.3	5.27	4.89	5.16	5.19	0.44	1.78	±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, above 5 GHz frequency validity can be extended to ±110 MHz.

The probes are calibrated using tissue simulating injudic (TSL) that deviation for a and or by less then ±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.

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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.



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Parameters of Probe: EX3DV4 - SN:7681

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	5.56	5.72	5.93	0.20	2.00	±18.6%

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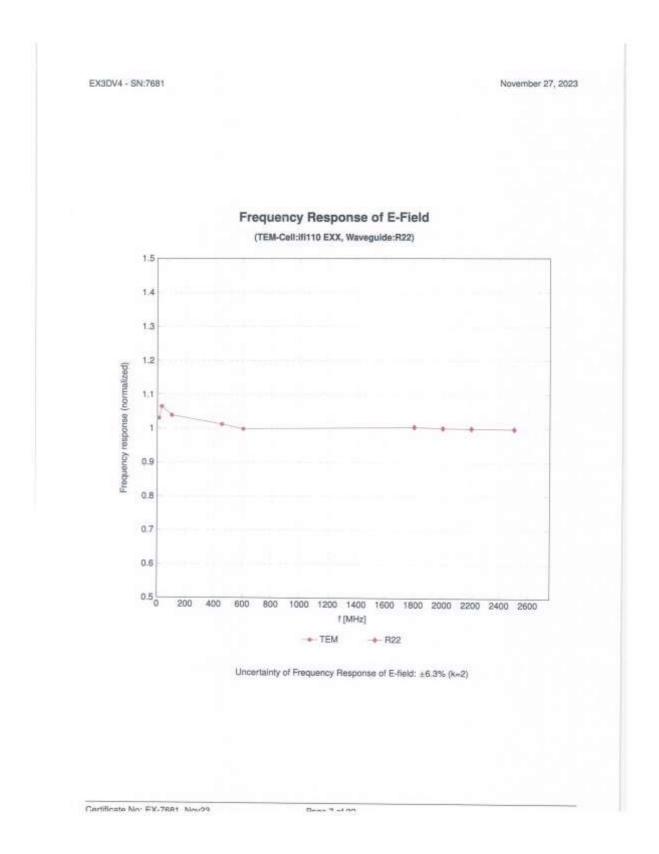
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C Frequency validity at 6.5 GHz is -600/+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the Com/F uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

The probes are calibrated using 8 saue simulating liquids (TSL) that deviate for x and x by less than ±10% from the target values (typically better than ±8%) and are valid for TSL, with deviations of up to ±10%.

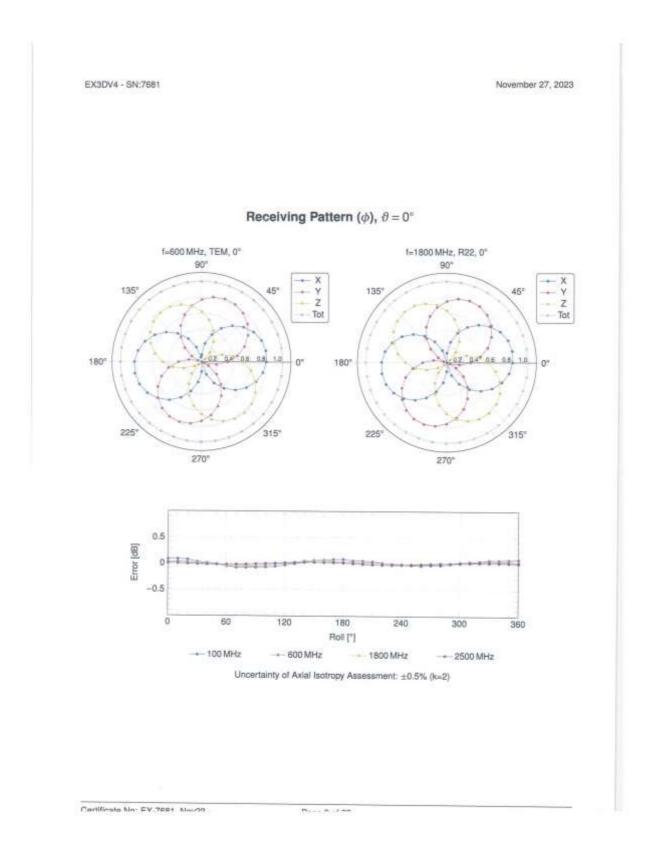
Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less. than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger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





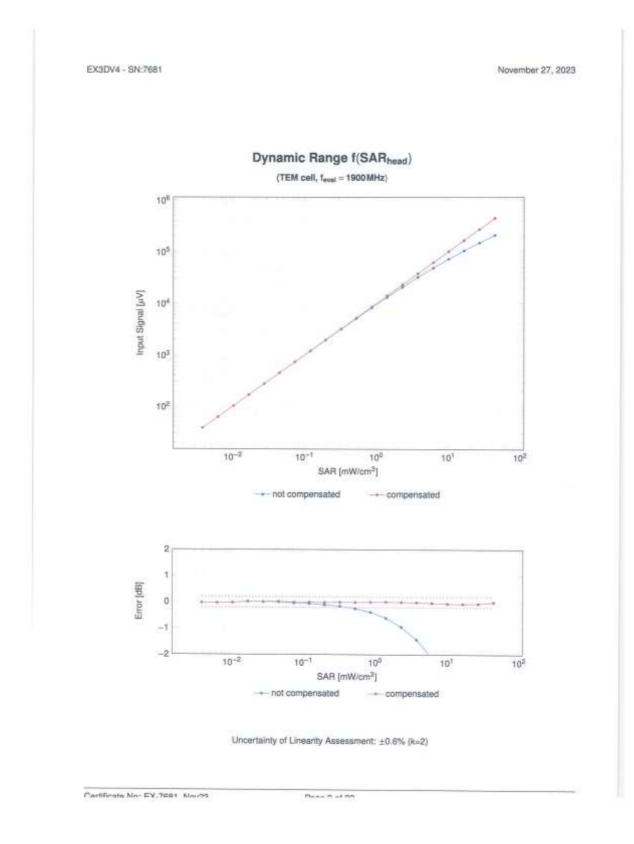
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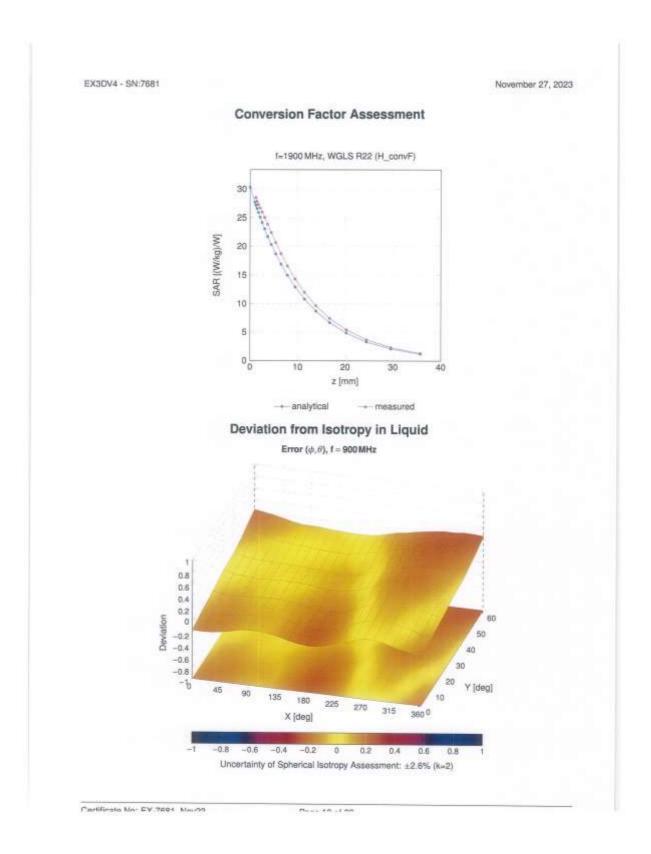
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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Uno $^{\pm}k=2$
0	100	CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±8.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	19.6
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	±9.0
10023	DAC	OPRS-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, BPSK, TN 0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GŚM	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	±9.0
10031	CAA	IEEE 802-15.1 Bluetooth (GFSK, DH3)	Bruetooth	1.87	±9.6
10.032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1,16	±9.6
10033	CAA	IEEE 802.15.1 Bluetooth (Pl/4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (Pt/4-DQPSK, DH3)	Bluetooth	4.53	±9.6
0035	CAA	IEEE 802.15.1 Bluetooth (Pt/4-DQPSK, DH5)	Bluetooth	3.83	±9.6
0036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
0037	CAA	IEEE 802.15.1 Bluetoath (8-DPSK, DH3)	Bluetooth	4.77	±9.6
0038	CAA.	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
0038	CAB	GDMA2000 (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
0049	CAA	DECT (TDD; TDMA/FDM, GFSK, Double Slot, 12)	DEGT	10.79	±9.6
0058	DAC	UMTS-TDD (TD-SCOMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
Country To Line and	1.500,150.4	EDGE-FDD (TDMA, 8PSK, TN 0-1-8-3)	GSM	6.52	±9.8
0059	CAB.	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
0.061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5Mbps) IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	2.83	±9.6
0062	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 6 Mbss)	WLAN	3.60	±9.6
0.063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
0084	CAD	IEEE 802,11a/h WIFF 5 GHz (OFDM, 12 Mbps)	WLAN	8.63	±9.6
0.085	CAD	IEEE 802,11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6
0066	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Wips)	WLAN	9.00	19.6
0067	CAD	IEEE 802.11ah WIFI 5 GHz (OFDM, 38 Mbos)	WLAN	9.38	±9.6
0008	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbos)		10,12	±9.6
0069	CAD	IEEE 802.11ah WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.24	±9.6
0071	CAB	IEEE 802 11g WIFL2 4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	10.56	±9.6
0072	CAB	IEEE 802.11g WF: 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN WLAN	9.83	±9.6
0073	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.62	±9.6
0074	CAS	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WEAN	10.30	±9.6
0075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.30	
0078	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.77	±9.6
0077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	19.6
0.081	CAB	CDMA2000 (1xRTT, RC3)	COMA2000	3.97	19.6
0082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DOPSK, Fullrate)	AMPS	4,77	19.6
0090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
0097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
0098	CAG	UMTS-FOD (HSUPA, Subteet 2)	WCDMA	3.98	19.6
0099	DAC	EDGE-FDD (TDMA, BPSK, TN 0-4)	GSM	9.55	±9.6
0100	CAF	LTE-FDD (SC-FDMA, 100% R8, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
0102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
0103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	±9.6
0104	CAH	LTE-TOD (SC-FOMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOD	9.97	±9.6
0.105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6
0108	CAH	LTE-FOD (SC-FOMA, 100% RB, 10 MHz, QPSK).	LTE-FDD	5.80	±9.6
0109	CAH	LTE-FOD (SC-FOMA, 100% AB, 10MHz, 16-QAM)	LTE-F00	6.43	±9.6
0110	CAH	LTE-FOD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	±9.6
	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 18-QAM)	LTE-FDD	40,000	100,000,000

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10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FD0	6.59	28.5
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-F00	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-F00	6.49	19.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	19.6
10142	CAF	LTE-FDD (SC-FDMA, 100% R8, 3 MHz, QPSK)	LTE-FDD	5.73	±9.8
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-FOD	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	19.6
10147	CAG	LTE-FDD (SC-FDMA, 100% R8, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	19.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	19.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	19.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
10152	CAH	LTE-TDD (SC-FDMA, 60% RB, 20 MHz, 16-QAM)	LTE-TOD	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, 5MHz, QPSK)	LTE-F00	5.79	28.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-F00	6.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.5
10150	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-F00	6.56	±9.6
10180	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.5
10181	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 18-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-F0D (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-FDD	6.21	£9.6
10188	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 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 R8, 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, 10MHz, QPSK)	LTE-FDD	5.72	±9.6
0176	CAH	LTE-FOD (SC FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	#9.6
0177	CAL	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	#9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	s:0.8
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDO	6.50	±9.6
0180	CAH	LTE-FDD (SC FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FD0	5.50	±9.6
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDO	5.72	±9.6
0182		LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0183	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0185	CAF	LTE FDD (SC FDMA, 1 R8, 3MHz, QPSK)	LTE-FDD	5.73	±9.6
0186	AAF	LTE FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±9.6
0187	CAG	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6.50	±9.8
0188	CAG	LTE-FOD (SC-FDMA, 1 RB, 1.4 MHz, OPSK)	LTE-FDD	5.73	±9.6
0189	AAG	LTE FOD (SC-FOMA, 1 RB. 1.4 MHz, 18-QAM)	LTE-FOD	6.52	±9.6
0193	CAD	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FD0	6.50	±9.8
0194	CAD	IEEE 802.11n (HT Greenfield, 8,5 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 38 Mbps, 16-QAM)	WLAN	8.09	±9.6
0195	CAD	IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.12	±9.6
0196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, 84-QAM)	WLAN	8.21	±9.6
0197	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 38 Mbps, 16-QAM)	WLAN	8:10	±9.6
0198	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
0219	CAD		WLAN	8.27	±9.6
0220	CAD	IEEE 802.11n (HT Mixed, 7.2 Mops, BPSK)	WLAN	8.03	±9.6
0221	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 18-QAM) IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8/13	±9.6
0222	CAD		WLAN	8,27	±9.6
0223	CAD	IEEE 802 11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
0224	CAD	IEEE 802 11n (HT Mixed, 90 Mbps, 15-QAM)	WLAN	8,48	±9.6
week.	MINU.	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ⁸ k = 2
10225	CAC	UMTS-FDD (HSPA+)	WODMA	5.97	±9.6
10226	GAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.40	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6
10226	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6
10229	CAE	LTE-TOD (SC-FOMA, 1 RB, 3MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TOD	9,19	±9.6
10232	CAH	LTE-TDO (SC-FOMA, 1 RB, 5MHz, 18-QAM)	LTE-TOD	9.48	#9.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	29.6
10234	CAH	LTE-TOD (SC-FDMA, 1 RB, 5MHz, 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-TOD	10.25	29.6
10237	CAH	LTE-TOD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-TOO	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-TOO	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TOD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDO	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TDD	9.48	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 18-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TOD (SC-FDMA, 50% RB, 3MHz, 84-QAM)	LTE-TOD	10.06	±9.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TDO	8.30	±9.6
10247	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 18-QAM)	LTE-TDD	9.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 59% RB, 5MHz, 84-QAM)	LTE-TOO	10.09	±9.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 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-TD0	10.17	±9.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOO	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	±9.6
10254	CAG	THE PARTY AND ADDRESS OF THE PARTY AND ADDRESS	LTE-TOD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.0
10256	CAC	LTE-TOD (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-TOD	10,08	±9.6
10258	CAC	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9/6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TOD	9,98	±9.8
10260	a lateral and the	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-TOD	9.97	±9.8
10261	CAE	LTE-TDD (SC-FOMA, 100% RB, 3 MHz, QPSK)	LTE-TOD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FOMA, 100% AB, 5 MHz, 15-QAM)	LTE-TOD	9.83	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	#9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 8MHz, QPSK)	LTE-TDO	9.23	±9.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TD0	9.92	±9.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOO	10.07	±9.6
10268	CAG	LTE-TD0 (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	9.30	±9.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.13	±9.6
10274	CAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) UMTS-FDD (HSUPA, Subtest 5, SQPP Reis 10)	LTE-TDD	9.58	±9.6
10275	CAC		WCDMA	4.87	±9.6
10275	CAA	UMTS-FDD (HSUPA, Subteet 5, 3GPP Rel6.4) PHS (QPSK)	WCDMA	3.96	±9.6
10278	CAA		PHS	11.81	±9.6
10279	CAA	PHS (QPSK, BW 884 MHz, Relioff 0.5) PHS (QPSK, BW 884 MHz, Relioff 0.38)	PHS	11,81	±9.6
10290	AAB	CDMA2000, RC1, SC65, Full Rate	PHS	12,18	±9.6
10290	AAB		GDMA2000	3.91	±9.6
10292	AAB	CDMA2000, RC3, SC65, Full Rate CDMA2000, RC3, SC32, Full Rate	GDMA2000	3.46	±9.6
10293	AAB		CDMA2000	3.39	±9.6
10295	AAB	CDMA2000, RC3, SO3, Full Rate CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	3.50	19.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.49	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.81	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	5.72	±9.6
10300	AAE		LTE-FDD	6.39	19.6
10300	AAA	LTE-FDD (SC-FDMA, 50%, RB, 3 MHz, 64-GAM)	LTE-FD0	6.60	±9.6
10301	AAA	IEEE 802.16a WIMAX (29:18, 5 ms. 10 MHz, QPSK, PUSC)	WMAX	12.03	±9.6
10303	AAA	IEEE 802.15e WIMAX (29:18, 5 ms. 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	19.6
10304	AAA	IEEE 802,150 WIMAX (31.15, 5ms, 10.MHz, 64QAM, PUSC)	WMAX	12.52	±9.6
10304	AAA	IEEE 802 16e WIMAX (29:18, 5ms, 10 MHz, 64QAM, PUSC)	WMAX	11.86	19.6
10306	AAA	IEEE 802 15e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±9.6
1101107070	150595	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WIMAX	14.87	±9.6

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10307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	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)	WMAX	14.58	±9.6
0310	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	±9.6
0311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	6.06	±9.6
0313	AAA	IDEN 1.3	IDEN	10.51	±9.8
0314	AAA	IDEN 1:8	IDEN	13.48	±9.6
0315	AAB	IEEE 802.11b WIF: 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN:	1.71	±9.6
0318	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
0317	AAE	IEEE 802.11a WFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
0352	AAA	Pulse Waveform (200Hz, 10%)	Generio	10:00	±9.6
0353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
0354	AAA	Pulse Waveform (200Hz, 40%)	Generio	3,98	29.6
0355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6
0356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
0387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
388	AAA	QPSK Waveform, 10 MHz	Generic	5,22	±9.6
1986	AAA	64-QAM Waveform, 100 kHz	Generio	6,27	±9.6
399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9,6
400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 98pc duty cycle)	WLAN	8.37	±9.6
401	AAE	IEEE 802.11 ac WIFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
402	AAE	IEEE 802.11ap WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	19
403	AAB	CDMA2000 (TxEV-DO, Rev. 0)	CDMA2000	3.76	±9.0
404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.
406	BAA	CDMA2000, RC3, SO32, SCH0, Full Rate	COMA2000	5.22	±97
410	AAH	LTE-TD0 (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,8, Subframe Conf=4)	LTE-TDD	7.82	±97
1414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.
415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	19
416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.1
417	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mops, 99pc duty cycle)	WLAN	8.23	+9.
418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFOM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.0
419	AAA	IEEE 802:11g WIFI 2.4 GHz (DSSS-OFOM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.
422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.0
423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	+9.4
424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbgs, 64-QAM)	WLAN	8.40	±9.0
425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.8
431	AAE	LTE-FOD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	19.6
434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	19.6
435	AAG	LTE-TDD (SC-FDMA, 1 R8, 20 MHz, QPSK, UL Subframe=2.3.4.7,8,9)	LTE-TDD	7.82	±9.6
467	AAE	LTE-FDD (OFOMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	19.6
448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FOD	7.53	19.6
449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipting 44%)	LTE-FDD	7.51	19.6
450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FOD	7.48	±9.6
451	BAA	W-CDMA (BS Tiest Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6
450	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
456	AAC	IEEE 802.11ac WFI (160 MHz, 64-QAM, 99pc duty cycle)	W.AN	B.63	±9.6
457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	±9.0
458	AAA	CDMA2000 (1xEV-DO, Rev. 6, 2 carriers)	CDMA2000	6.55	±9.0
459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	
460	AAB	LIMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6
461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subtrame=2.3,4,7,8,9)	LTE-TOD	7.82	±9.6
662	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 15-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	8.30	±9.6
663	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe+2,3,4,7,8.9)	LTE-TDD	8.56	
464	AAD	LTE-TDD (SC-FDMA, 1 R8, 3 MHz, QPSK, UL Subfrarte=2.3.4,7,8.9)	LTE-TOD	7.82	±9.6
465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-GAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD		±9.6
167	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	the state of the s	7.82	±9.6
469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframex2.3.4,7,8,9)	LTE-TOD	7.82	≥9.6
- T	7.00		LTE-TOO	B.32	±9.6

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDD	8.57	19.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 18-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, UE 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
1047E	AAG	LTE-TOD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subframe=2.3.4.7.8,9)	LTE-TDD	8.57	±9.6
10479	11000	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8.5)	LTE-TOO	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-TOD	8.18	主9.6
10481	AAD	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe/2,3,4,7,8,9)	LTE-TOO	8.45	±9.6
	and the later of t	LTE-TDD (SC-FDMA, 50% RB, 9MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7,71	±9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 18-QAM, UL Subhame=2.3.4,7,8,9)	LTE-TDO	8.39	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47 7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subhame=2.3.4.7.8.9)	LTE-TDD	8.38	19.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.60	19.5 19.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subtrame=2.3.4,7,8,9)	LTE-TOD	7.70	±9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM, UL Subframe-2.3.4,7,8,9)	LTE-TDD	8.31	19.5
10490	AAG	LTE-TDO (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TD0 (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subtrame+2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframes2.3.4,7.8.9)	LTE-TOD	8.41	
10493	AAF	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrames 2.3,4,7,8,9)	LTE-TDD	8.55	±9.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG.	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 18-QAM, UL Subframes/2.3.4,7.8,9)	LTE-TOD	8.37	19.6
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 84-QAM, UL Subframe-2.3.4,7,8,9)	LTE-TDD	8.54	19.6
10497	AAC	LTE-TIDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subtrame=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, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.68	19.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2.3.4.7.8.9)	LTE-TDD	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2.3.4,7.8.9)	LTE-TOD	8.44	19.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	19.6
10503	AAG	LTE-TDD (SC-FDMA, 100% R8, 5MHz, QPSK, UL Subframe-2.3.4.7.8.9)	LTE-TDD	7.72	19.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 54-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	19.6
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, 15-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.36	±9.6
10508	AAG	LTE-TOD (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-TOD (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, 15-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10511	AAF	LTE-TOD (SC-FDMA, 100% AB, 15 MHz, 64-QAM, UL Subtrame-2.3.4.7.8.9)	LTE-TDD	8.51	±9.6
10512	AAG	LTE-TOD (SC-FOMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDO	7.74	±9.6
10513	AAG	LTE-TDD (SC-FOMA, 100% RB, 20 MHz, 15-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDO	8.42	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 54-QAM, UL Subframe=2.3,4,7,8,9)	LTE-TDO	8.45	±9.6
10515	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	19.6
10516	AAA	IEEE 802,116 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	1.88	±9.6
10518	AAC	IEEE 809.11a/h WIFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.8
10519	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	19.6
10520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN.	8.12	19.6
10521	AAG	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC.	IEEE 802.11a/n WiFi 5 GHz (OFDM, 35 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)	WEAN	8.36	±9.6
10528	AAC	IEEE 802.11ac WFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WFI (20 MHz, MC52, 99pc duty cycle)	WLAN	6.21	±9.6
10528	AAC	IEEE 802 11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.6
0529	AAC	IEEE 802.11ac WFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802 11ac WFI (20 MHz, MCS6, 98pc duty cycle)	WLAN	8.43	±9.6
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	19.6
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 cytrie)	WLAN	8.32	19.6
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
10540	AAC.	IEEE 802.11ac WFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.39	±9.6

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10541	AAC	IEEE 802.11ac WIFI (45 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	B.47	±9.6
10545	AAC	IEEE 802,11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	29.6
10546	AAC	IEEE 802.11sc 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, MCSB, 99pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	19.6
10554	AAD	IEEE 802.11ac WIFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	19.6
10555	AAD	IEEE 802.11ac WIFI (160 WHz, MCS1, 99pc duty cycle)	WLAN	8.47	19.6
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, 98pc duty cycle)	WLAN	8.61	±9.6
10580	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.72	±0.6
10561	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 98pc duty cycle)	WLAN	8.56	19.6
10562	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.68	19.6
10563	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.77	19.6
10584	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	19.6
10565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	The second secon
10586	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Maps, 99pc duty cycle)	WLAN	8.00	±9.6
10668	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 98pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 98pc duty cycle)	WLAN		±9.6
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	77,000,000	8.30	±9.6
10572	AAA	IEEE 802.11b WIF: 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1,99	#9.6
10573	AAA	IEEE 802 11b WIF 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10574	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
10875	AAA	IEEE 802 11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)		1.98	±9.6
10576	AAA	EEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN WLAN	8.59	±9.6
10577	AAA	IEEE 802.11g WiFi 2.4 OHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.70	±9.6
10579	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 16 Mpps, 90pc duty cycle)	WLAN	8.49	±9.6
10580	AAA	IEEE 802 11g WIFi 2 4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.36	±8.6
10581	AAA.	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10582	AAA.	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8,35	±9.6
10583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.67	±9,6
10584	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)		8.59	±9.6
10585	AAC	IEEE 802.11a/h WFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10586	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)		8.70	±9.6
10587	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.49	±9.fl
10588	AAC	IEEE 802 11a/h WFI 5 GHz (OFOM, 36 Mbps, 90pc duty cycle)	WLAN	8.96	±9.6
10589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFOM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0590	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	19.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.67	±9.6
10692	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8,63	±9.6
0593	AAG	IEEE 802 11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.79	19.6
0594	AAG	IEEE 802.11n (HT Mixed, 28 MHz, MCS3, 90pc duty cycle)	WLAN	8.64	19.6
0.595	AAG	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	The state of the s	8.74	±9.6
0598	AAC	IEEE 802.11n (HT Mixed, 29 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9,6
0597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS8, 90pc duty cycle)	WLAN	8.71	19.6
0598	AAG	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)		8.72	±9.6
0599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.50	19.6
0.600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	The state of the s	8.79	±9,6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	88.0	±9.6
0602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	58.8	±9.6
0603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	8.94	±9.6
0604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	9.03	±9.6
0605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.76	±9.6
0606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.97	±9.6
0607	AAC	IEEE 802.11nc WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.0
0608	AAC	IEEE 802.11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.64	±9.8
	170.00	name was the rest (works), model, available bythe)	WLAN	8.77	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10809		IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
0610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.76	±9.6
10811	AAC	IEEE 802.11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	_	IEEE 802.11ac WIFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613		IEEE 802.11ac WiFl (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	19.8
10614	_	IEEE 802.11ap WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAG	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10615		IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10517	AAC:	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAG	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10519	AAC	IEEE 802,11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
10820	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	19.6
10621	AAC	IEEE 802.11ac WiFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	19.6
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
10827	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	3,9.6
10628	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	世9.6
0630	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	29.6
0632	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
0833	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
0635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
0636	(AAD	IEEE 802.11ac WiFi (160 MHz, MCSb, B0pc duty cycle)	WLAN	8.83	±9.6
0.637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
0.639	AAD	IEEE 802,11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	19.6
10840	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	19.6
0641	AAD	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9.6
0643	AAD	IEEE 802.11ac WIFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.06	±9.6
0844	AAD	IEEE 802,11ac WIF (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
0645	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 90pc duty cycle) IEEE 802.11ac WFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.06	±9,6
0646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	WLAN	9.11	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	LTE-TOD	11.96	±9.6
0652	AAF	LTE-TOD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	CDMA2000	3.45	±9.6
0653	AAF	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Olipping 44%)	LTE-TOD	6.91	#9.6
0.654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
0655	AAF	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	19.6
0858	AAB	Pulse Waveform (200Hz, 10%)	The state of the s	7,21	±9.6
0659	AAB	Pulse Waveform (200Hz, 20%)	Test	10.00	±9.6
0680	AAB	Pulse Waveform (200Hz, 40%)	Test	8.99	±9.6
0661	AAB	Pulse Waveform (200Hz, 60%)	Test	3,98	±9.6
0662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
0670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
0671	AAC	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6 ±9.8
0672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
0673	AAC	IEEE 802.11ex (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
0674	AAC	IEEE 802.11ax (20 MHz, MCS3, 80pc duty cycle)	WLAN	8.74	±9.6
0675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
0677	AAC	IEEE 802,11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
0678	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
0679	AAC.	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	19.6
0680	AAC	IEEE 802.11ax (20 MHz, MCSB, 90pc duty cycle)	WLAN	8.80	±9.6
0.681	AAC	IEEE 802.11ax (30 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	19.6
0.682	AAC	IEEE 802.11ex (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	19.6
0683	AAC	IEEE 802.11sx (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
0684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	19.6
0686	AAG	IEEE 802 11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
9890	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	The second secon	1000000	±9.6
	10.00	The same of the same success such county choses	WLAN	8.28	- ±

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	19.6
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
10.693	AAC	IEEE 902.11ax (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, MCSC, 90pc duty cycle)	WLAN	8.78	19.6
10.696	AAC	IEEE 802 11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	19.8
10687	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.81	±9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	W.AN	8.89	±9.0
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCSS, 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, MGS11, 90pc duty cycle)	WLAN	8.66	±9.6
10707	AAC	IEEE 802,11ax (40 MHz, MCS0, 98pc 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	19.6
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, 99po duty cycle)	WLAN	8.26	19.6
10715	AAG	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	JEEE 802.11ax (40 MHz, MCS11, 99po duty cycle)	WLAN	8.24	±9.8
10719	AAC	IEEE 802.11ax (80 MHz, MCSo, 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 882.11ax (80 MHz, MCS4, 80pc duty cycle)	WLAN	8.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCSS, 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	±9.8
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	AAG	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, Ripo duty tycle).	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 06pc duty cycle)	WLAN	8.40	±9.6
10734	AAG	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±8.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 98pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 98pc duty cycle)	WLAN	8.36	±9.6
10738	AAG	IEEE 802.11ax (80 MHz, MCS7, 98pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802 11ax (80 MHz, MC58, 98pc duty cycle)	W.AN	8.29	±9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	W.AN.	8.48	±9.8
0741	AAC	IEEE 802.11ax (88 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 (190 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	5.93	±9.6
0746	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
0749	AAC	IEEE 802-11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±9.6
10750	AAC	IEEE 802.11ex (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	20,770	

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10.753	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, 98pc duty cycle)	WLAN	8.84	±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, 96pt duty cycle)	WLAN	8.89	±9.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	±9.6
10760	AAG	IEEE 802.11ax (160 MHz, MCSS, 99pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	19.6
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	19.6
10765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	19.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
10767	AAE	SG NR (CP-OFDM, 1 RB, SMHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.6
10788	AAD	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TOO	8.01	±9.6
10789	AAD	SG NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	SG NR FR1 TOD	8.01	±9.6
10770	AAD	SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	±9.6
10771	AAD	SG NR (CP-OFDM, 1 RB. 25 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.02	±9.6
10772	AAD	SG NR (CP-OFDM, 1 RB; 30 MHz, OPSK, 15 kHz)	5G NR FR1 TOO	8.23	±9.6
10773	AAD	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 T00	8.03	19.6
0.774	AAD	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.02	19.6
0775	AAD	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15kHz) 5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, CPSK, 15 kHz)	The state of the s	0.00	±9.6
	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, GPSK, 15 kHz)	5G NA FR1 TDD	8.30	±9.6
0778	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.34	±9.6
0780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.42	±9.6
0781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
0782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NA FR1 TDD SG NA FR1 TDD	8.3B 8.43	±9.6
0783	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, GPSK, 15kHz)		-	#9.6
0.784	AAD	5G NA (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.31	±9.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29 8.40	±9.6
0786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	SG NA FAI TOD	8.35	±9.6
0787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPBK, 15 kHz)	SG NR FRI TOD	8,44	±9.6
10788	AAD	53 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
0790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6
0791	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
0793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	#9.6
0794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 7DD	7.82	#9.6
0.795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	7,84	±9.6
0.796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.6
0797	DAA	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.01	19.6
0798	AAD	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	7.89	19.6
0799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NA FRI TOD	7.93	19.6
0801	AAD	SG NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	19.6
0.002	CAA	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.87	19.6
0803	AAD	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.90	19.6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, OPSK, 30 kHz)	5G NR FR1 TDO	8.34	19.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
9080	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0180	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	CAA	5G NR (CP-OFDM, 50% R8, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
0817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
8180	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0820	CIAA	9G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	±9.6
1280	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 38 kHz)	5G NR FR1 TDD	8,41	±9.6
0822	DAA	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
0824	CAA	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
0825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.42	±9.6
0828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.43	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 2
10829	DAA	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, 50 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	±9.8
10833	AAD	5G NR (CP-OFDM, 1 RB; 25MHz, QPSK, 60kHz)	5G NR FR1 TOD	7.70	±9.6
10834	DAA	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	±9.5
10839	DAA	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10840	AAD	SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	SG NR FR1 TOD	7,67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.71	±9.8
10843	AAD	5G NR (CP-OFDM, 50% R8, 15MHz, QPSK, 50%Hz)	SG NR FR1 TDD	8.49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.34	±9.6
10848	AAD	5G NR (CP-OFDM, 50%, RB, 30 MHz, QPSK, 60 kHz)	50 NR FR1 TOD	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, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8,35	19.6±
10856	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 60kHz)	SG NR FR1 TDD	8.36	±9.6
10868	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8,34	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	±9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90MHz, QPSK, 60kHz)	5G NR FR1 TOD	8.37	±9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.41	±9.6
10886	AAD	5G NR (DFT-s-DFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	19.6
10889	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	19.6
10870	AAE	5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TOD	5.86	19.6
10871	AAE	5G NR (DFT-e-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	5.75	19.6
10872	AAE	5G NR (DFTs-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDO	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDO	6.61	±9.6
10874	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDO	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	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 TDO	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 TDO	5.75	±9.6
10882	AAE	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 1203Hz)	5G NR FR2 TDD	5.96	±9.6
10883	AAE	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-6-OFOM, 100% RB, 80 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-e-OFOM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.8
10886	AAE	50 NR (DFT-s-OFDM, 100% R8, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAE	5G NR (CP-OFDM, 1 R8, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7,78	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 120 kHz)	5G NR FR2 TDD	6,35	±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 TOD	8,13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,66	±9.6
10898	AAB	SG NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.67	19.6
10900	AAB	5G NR (DFT-e-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOO	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	BAA	5G NR (DFTs-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	BAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NA FRI TDO	5.68	#9.6
10905	SAA	5G NR (DFT-s-OFDM, 1 RB, 90 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	BAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NA FRI TOD	5.93	±9.6
10909	BAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NA FA1 TOD	5.96	±9.6
10910		5G NR (DFT's-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

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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	SG NR (DFT-a-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)	SG NR FR1 TDD	5.84	±9.6
10914	AAB	5G NR (DFT-e-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.85	±9.6
10915	AAB.	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5,83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	SQ NR FR1 TDD	5,94	±9.6
10918	AAC	BG NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.86	±9.6
10919	AAB	5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.5
10920	AAB	5G NR (DFT/s-OFDM, 100% RB, 15MHz, 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, 25MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.82	19.6
10923	AAB	50 NR (DFT-e-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.6
10924	AAB	5G NR (DFT-e-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	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	6G NR (DFTs-OFDM, 100% RB, 60 MHz, GPSK, 30 kHz)	50 NR FR1 TOD	5.84	±9.6
10927	AAB	5G NR (DFTs-OFDM, 100% RB, 80 MHz, GPSK, 30 kHz)	50 NR FR1 TOD	5,94	19.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAC	5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10930	AAC	SG NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
10931	1410	SG NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10932	AAC	5G NR (DFT-e-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FOD	5.51	±9.6
10933	AAC	SG NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.51	±9.6
10934	AAC	SG NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.51	±9.6
10935	AAD	SG NR (DFT-6-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5,51	±9.6
10935	AAC	5G NR (DFT-s-OFDM, 50% RB, 8 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.90	±9.6
and the latest divines of	E-1-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-2-	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	50 NR FR1 FOO	5.77	±9.6
10938	AAC	50 NR (DFT-s-OFDM, 50% AB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5,90	19,6
10939	AAC	5G NR (DFT-6-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR (DFT-6-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6
10942	AAC	The second of the second control of the seco	6G NR FR1 F00	5.83	±9.8
10943	AAD	5G NR (DFT-6-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz) 5G NR (DFT-6-OFDM, 50% RB, 60 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	19.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15MHz)	5G NR FR1 FDD	5.95	±9.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10.MHz, QPSK, 154Hz)	5G NR FR1 FDD	5.81	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15MHz)	5G NR FR1 FDD	5.85	±9.0
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.0
10948	AAC	5G NR (DFT-6-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
10549	AAC	5G NR (OFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15WHz)	5G NR FR1 FDD	5.87	±9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 84-QAM, 15kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.92	±9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz)	176.45 50000 7 1 65 70 6000	8.25	±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 RHz)	5G NR FR1 FDD	8.15 8.23	±9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	0,00	±9.5
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	SG NR FR1 FDD	8.42	±9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	SG NR FRI FDD	979.1	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.61	±9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	- COLO	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	The second secon	9.32	±9.6
10982	AAB	5G NR OL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	19.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TD0	100000	±9.6
10984	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10985	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	9.29	±9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6
10967	BAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 84 QAM, 30KHz)	5G NR FR1 TDD	9.55	±9.6
0968	EAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.48	±9,6
0972	AAB	5G NR (CP-OFDM, 1 R8, 20 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.8 ±9.6
0973	AAB	5G NR (DFT-a-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	9.06	
0974	AAH	5G NR (CP-OFDM, 100% RB, 100MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
0978	AAA	ULLA BDR	ULLA	-	±9.6
10979	AAA	ULLA HDR4	ULLA	1,16	±9.6
0880	AAA	ULLA HDR8	ULLA	10.32	±9.8
10981	AAA	ULLA HDRp4	ULEA	3.19	±9.8
	AAA	ULLA HDRp6	ULLA	0.10	±9.6

Cartificate No. EX.7881 No.09

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November 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc [®] k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG NR FR1 TDD	9.31	±9.8
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, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-GFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	50 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-GFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.33	±9,6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	50 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	53 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	53 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	±9.8
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	SG NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.96	±9.8
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	B.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, MCS8, 99pc duty cycle)	WLAN	8.40	±9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	19.6
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	±9.0
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	±9.5
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
11.026	AAA	IEEE 802.11be (329 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	19.6

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

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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

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0108

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7680_May23

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7680

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

May 24, 2023

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (St). 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
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	1D	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	94-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	ge u
pproved by	Sven Kühn	Technical Manager	5.6

Certificate No: EX-7680_May23

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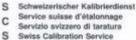
Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland







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 tree 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 # ## rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., # = 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 ≤ 900MHz in TEM-cell; f > 1800MHz: 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 CorivF).
- 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 Capacit.
- 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.
- · Cannector 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:7680

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) ²) ^A	0.52	0.63	0.54	±10.1%
DGP (mV) B	102.8	102.0	102.3	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		dB	B dB√μV	С	dB	VR mV	Max dev.	Max Unc ^E k = 2	
0	CW	X	0.00	0.00	1.00	0.00	141.7	±3.5%	±4.7%	
		Y	0.00	0.00	1.00		141.1			
		Z	0.00	0.00	1.00		138.5			
10352	Pulse Waveform (200Hz, 10%)	X	2.51	65.16	10.10	10.00	60.0	±3.2%	±9.6%	
		Y	2,36	64.73	9.55		60.0			
		Z	2.87	66.85	10,49		60.0			
10353	Pulse Waveform (200Hz, 20%)	X	1.60	64.21	8.54	6.99	80.0	±2.1%	±9.6%	
	N N N	Y	1.46	63.29	8.08		0.08			
		Z	1.95	66.72	9.39		80.0			
10354	Pulse Waveform (200Hz, 40%)	X	0.63	61.20	5.88	3.98	95.0	±1.4%	±9.6%	
	WW. W. 20	Y	0.74	61.78	6.56	10000	95.0	2000		
		Z	0.59	62,32	6.34		95.0			
10355	Pulse Waveform (200Hz, 60%)	X	0.30	60.00	4.11	2.22	120.0	±1.2% ±	±9.6%	
		Y	0.44	61.09	5.41	PANIFE	120.0	STATE OF		
		Z	0.23	60.00	3.93		120.0			
10387	QPSK Waveform, 1 MHz	X	1.57	66.95	14.88	1.00	150.0	.0	±9.6%	
		Y	1.63	66.13	14.70	210,000	150.0			
		Z	1.34	67.88	14.33		150.0			
10388	QPSK Waveform, 10 MHz	X	2.12	68.30	15.74	0.00	150.0	±0.8%	±9.6%	
	Section and properties and a section of	Y	2.20	67.89	15.55		150.0	amparada a		
		Z	1.81	67.28	15.14		150.0			
10396	64-QAM Waveform, 100 kHz	X	2.62	70.02	18.52	3.01	150.0	±0.9%	±9.6%	
		Y	2.41	67.50	17.41	Les (7) (8)	150.0	- CZ-SZ-SS-SS-S		
		Z	2.09	67.31	17.23		150.0			
10399	64-QAM Waveform, 40 MHz	X	3.42	67.27	15.78	0.00	150.0	+2.6%	±9.6%	
		Y	3.52	67,17	15.77	54.500.5-2	150.0	EEO/MAI	+ ISSN 111	
		Z	3.20	66.88	15.46		150.0	1		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.75	65.85	15.60	0.00	150.0	±4.4%	±9.6%	
		Y	4.69	65.08	15.27	CONTROL O	150.0	Department of	TUCASI	
		2	4.43	65.87	15.46		150.0			

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%.

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

Uncertainty is determined using the miss, deviation from linear response applying roctangular distribution and is expressed for the square of the field value.



Parameters of Probe: EX3DV4 - SN:7680

Sensor Model Parameters

	C1 fF	C2 fF	α V-1	T1 msV ⁻²	T2 ms V ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	38.5	284.81	35.04	6.50	0.37	5.00	0.84	0.22	1.01
у	43.3	329.88	36.72	11.86	0.00	5.01	0.00	0.36	1.01
Z	23.6	169.51	33.26	4.39	0.00	5.04	0.49	0.13	1.00

Other Probe Parameters

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Sensor Arrangement	Triangular
Connector Angle	136.2"
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	mm e
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:7680

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	10.25	10.25	10.25	0.56	0.80	±12.0%
835	41.5	0.90	10.09	10.09	10.09	0.46	0.80	±12.0%
900	41.5	0.97	9.86	9.86	9.86	0.47	0.80	±12.0%
1750	40.1	1,37	9.10	9.10	9.10	0.39	0.86	±12.0%
1900	40.0	1.40	8.47	8.47	8.47	0.37	0.86	±12.0%
2300	39.5	1.67	8.11	8.11	8.11	0.34	0.90	±12.0%
2450	39.2	1.80	7.87	7.87	7.87	0.41	0.90	±12.0%
2600	39.0	1.96	7,83	7.83	7.83	0.38	0.90	±12.0%
3300	38.2	2.71	7.17	7.17	7.17	0.30	1.35	±14.09
3500	37:9	2.91	7,10	7,10	7.10	0.30	1,35	±14.09
3700	37.7	3.12	7,09	7.09	7.09	0.30	1.35	±14.0%
3900	37.5	3.32	6.74	6.74	6.74	0.40	1,60	±14.0%
4100	37.2	3.53	6.67	6.67	6.67	0.40	1.60	±14.0%
4400	36.9	3.84	6.42	6.42	6.42	0.40	1.70	±14.0%
4600	36.7	4.04	6.38	6.38	6.38	0.40	1.70	±14.09
4800	36.4	4.25	5.90	5.90	5.90	0.40	1.80	±14.09
4950	36.3	4.40	5.84	5.84	5.84	0.40	1.80	±14.09
5250	35.9	4.71	5.79	5.79	5.79	0.40	1.80	±14.09
5600	35.5	5.07	5.09	5.09	5.09	0.40	1.80	±14.09
5750	35.4	5.22	5.25	5,25	5.25	0.40	1.80	±14.09
5800	35,3	5.27	5.15	5.15	5.15	0.40	1.80	±14.09

G. 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 collaration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz in ConvF assessed at 5 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.

The probes are calibrated using fissus simulating liquids (TSL) that deviate for a rad or by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of op to ±10%. It 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.

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



Parameters of Probe: EX3DV4 - SN:7680

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	5.40	5.40	5.40	0.20	2.50	±18.6%

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G 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.

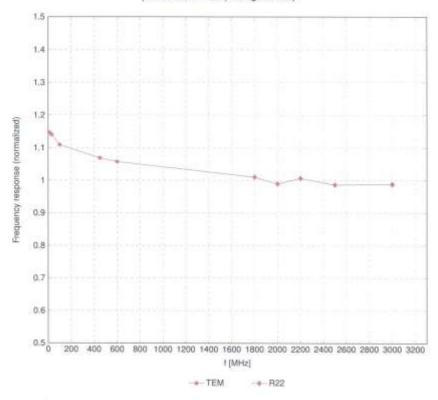
The probes are calibrated using tissue simulating liquids (TSL) that deviate for e and e by less than ±10% from the target values (typically better than ±6%) and are valid for TSL, with deviations of up to ±10%.

Alpha/Dopth 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 ±6Hz; below ±2% 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)



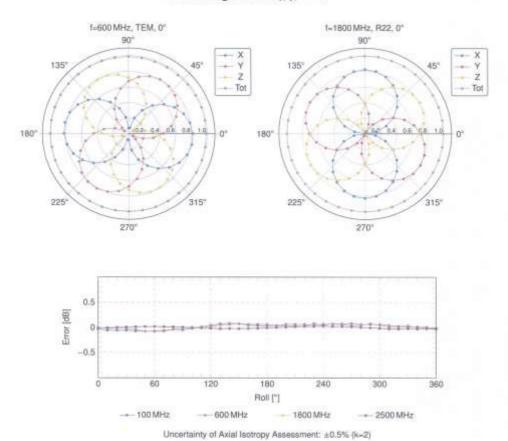
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

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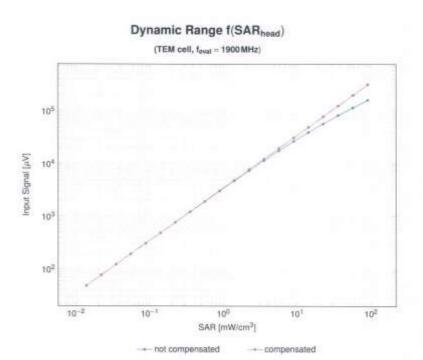
Receiving Pattern (ϕ), $\theta = 0^{\circ}$

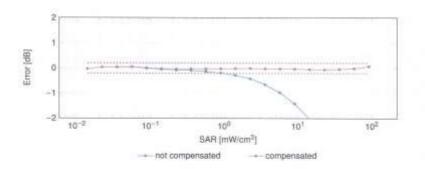


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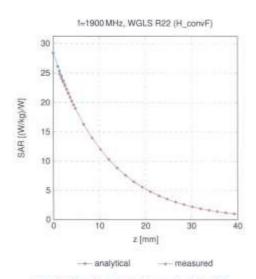
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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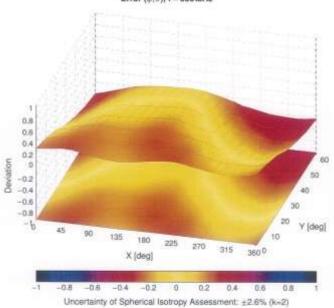


Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ) , f = 900 MHz



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Appendix: Modulation Calibration Parameters

BID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
0		ĐW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAC	UMTS-FDD (WCDMA)	WCEMA	2.91	±9.6
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0053	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	OPRS-FOD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAG	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAG	EDGE-FDD (TDMA, 8PSK, TN 0)	GBM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10627	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, BPSK, 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 Blustooth (GFSK, DH5)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Buetooth (PW-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Buelooth (PV4-DQPSK, DH3)	Bluetooth	4.53	±9.0
10035	CAA	IEEE 802.15 1 Bluetooth (PI/4-DQPSK, DH5)	Blustooth	3.83	±9.8
10038	CAA	IEEE 802.15.1 Bluerooth (8-DPSK, DH1)	Bluetouth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	49.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	19.6
10042	CAB	IS-54 / IS-136 FOO (TOMA/FOM, PV4-DQPSK, Halfrate)	AMPS	7.78	±9:6
10044	CAA	IS-91/EIA/TIA-953 FDD (FDMA, FM)	AMPS	0.00	
10048	CAA	DECT (TDD, TOMA/FDM, GFSK, Full Stot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TOMAFDM, GFSK, Double Slot, 12)	DEGT		±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	10.79	±9,6
10058	DAC	EDGE-FOD (TOMA, IIPSK, TN 0-1-2-3)	GSM CISM	11.01	±9.6
10058	CAB	IEEE 802,11b WF; 2.4 GHz (DSSS, 2 Mbps)	44400	6.52	±9.6
10060	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.12	±9.6
10061	CAB	IEEE 802.11b WFi 2.4 GHz (DSSS, 1.1 Mbps)	WLAN	2.83	±9.6
10002	CAD	IEEE 802-11a/h WIFI 5 GHz (DFDM, 6 Mops)	WLAN	3.60	±9.6
10063	CAB	IEEE 802.11ah WFI 5GHz (OFDM, 6 Mops)	WLAN	8.68	±9.0
10064	CAD		WLAN	8.63	±9.6
10065	CAD	IEEE 902,11a/h WFI 5 GHz (OFDM, 12 Mbps) IEEE 902,11a/h WFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.09	±9.6
10066	CAD		WLAN	9.00	±9.6
10067	CAD	IEEE 802.11a/n WFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.8
manufacture.	CAD	IEEE 802-11a/h WFI 5 GHz (OFOM, 36 Mbps)	WLAN	10.12	±9.fi
10068 10068	CAD	IEEE 802.11a/h WIFI 5 GHz (OFOM, 46 Mbps)	WLAN	10.24	±9.8
		IEEE 802.11a/h WFI 5 GHz (DFOM, 54 Mhps)	WLAN	10.56	±9.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9Mbps)	WLAN	9.83	±9.6
10072	CAB	IEEE 802,11g WFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	±9.0
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 WFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 4ll Mbps)	WLAN	10.94	±8.6
10077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.0
10081	CAB	CDMA2000 (1×RTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FOO (TOMA/FDM, PV4-DQPSX, Fullrate)	AMPS	4.77	±8.5
10090	DAG	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM.	6.58	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
0098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10090	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
00100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FOD	5.67	19.6
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FOD	6.42	±9.6
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-GAM)	LTE-FDD	6.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOD	9.29	±9.6
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOD	9,87	±9.6
10105	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-DAM)	LTE-TOD	10.01	±9.6
10108	CAH	LTE-FDD (BC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FOD	5.80	19.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	0.43	±9.6
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, CPSK)	LTE-FDD	5.75	29.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	19.6

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10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FD0	0.59	±9.6
0.113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6,62	±9.6
10114	CAD	IEEE 902.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	B.10	19.6
0115	CAD	IEEE 802,11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.45	±9.6
0116	CAD	IEEE 802.11n (HT Greenfield, 135Mbps, 64-QAM)	WI.AN	8.15	±9.6
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	19.6
0118	CAD	IEEE 802 11n (HT Mixed, 81 Mbps, 18-QAM)	WLAN	8.59	±9.6
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6
0140	CAF	LTE-FDD (SC FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	19.6
	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	20,000	
0141			and the second s	6.53	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5,79	±9.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 18-QAM)	LTE-FDD	6.35	≡9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.76	±9.6
0148	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	19.6
0147	CAG	LTE-FOD (SC-FOMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
1149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-FOO	6.42	±9.6
1150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	8.60	+9.8
0151	CAH	LTE-TOD (SC-FOMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TD0	9.92	+9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
0154	CAH			5.75	+9.6
		LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-F00	20000	
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	0.43	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.70	±9.6
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6,49	±9.6
0156	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
0159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±9.6
0180	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
0161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	0.43	±9.6
0162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 84-QAM)	LTE-FDD	8.58	±9.8
0.166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	5.46	±9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.21	±9.6
0168	CAG	LTE-FDD (SC-FBMA, 50% RB, 1.4MHz, 64-QAM)	LTE-FDD	8.79	±9.6
0168	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.73	±9.6
0 170		LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-F00	8.52	±9.0
			1,75,74,1,76,76	1,5777	
0171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.40	+9.6
0172	CAH	LTE-TDO (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOO	9,21	±8.6
0173		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TD0	9.48	±9.1
0174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64 QAM)	LTE-TDD	10.25	±9.6
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.8
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FD0	8.52	±9.6
0177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, CPSK)	LTE-FDD	5,73	±9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	±9.8
0179		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FOD	8.50	±9.0
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	+9.1
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	+9.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	L7E-FD0	6.52	±9.6
0183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)			
			LTE-F00	6.50	±9.6
0184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-F00	5.73	+9.6
0185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-DAM)	LTE-FDD	6.51	±9.6
0186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	+9.1
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.0
0189	AAG	LTE-FDD (SC-FDMA, 1 RB; 1,4 MHz, 64-QAM)	LTE-FDD	6.50	193
0193	CAD	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	8.09	+9.0
0194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	19.1
0195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 84-QAM)	WLAN	8.21	+9.6
0198	CAD	IEEE 802.11n (HT Mixed, 8.5 Mbps, BPSK)	WLAN	8.10	+9.0
0197	CAD	IEEE 802.11n (HT Mixed, 39Mbps, 16-QAM)	WLAN	8.13	+9.0
0198	1000	IEEE 802.11n (HT Mosel, 85Mbps, 64-QAM)	WLAN	8.27	±9.0
0219			WLAN	8.03	
		The state of the s	100000000000000000000000000000000000000		±9.1
0220			WLAN	8.13	±9.0
0221	CAD		WLAN	8.27	±9.6
0222			WLAN	8.06	±9.6
0223		IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	19.0
0224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	+9.6

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10225	CAG	UMT5-FDD (HSPA+)	WCDMA	5.97	±9.6
0.228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1 4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6
0227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1,4MHz, 64-QAM)	LTE-TD0	10.26	19.6
0.228	CAG	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDO	9.22	+9.8
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TEO	9.48	±9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TD0	10.25	±9.8
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TD0	9.19	±9.6
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TOD	9.21	±9.6
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0237	CAH	LTE-TDD (SC-FDMA, 1 R8, 10 MHz, QPSK)	LTE-TDD	9.21	+9.6
0539	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 84-QAM)	LTE-TDD	10.25	±9.6
0240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TOD	9.21	±9.6
0241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	±9.6
0242	CAG	LTE-TOD (SC-FDMA, 50% RB, 1.4MHz, 84-QAM)	LTE-TOD	9.86	±9.6
0243	CAC	LTE-TDO (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TOD	9.46	±9:0
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOO	10.06	±9.6
0245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TDO	10.06	±9.6
0246	CAE	LTE-TDO (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TOD	9.30	19.0
0247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOD	9.91	±9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TD0	10.09	±9.6
0249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDO	9.29	±9.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOO	9.81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
0.252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TD0	9.24	±9,6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 16-QAM)	LYE-YDO	9.90	±9,6
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.0
0.255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	+9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.95	±9.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±9.8
0258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD	9.34	±9.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TDD	9.98	±9.6
10280	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	£TE-TDD	9.97	19.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	8.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TDD	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	0.92	±9.6
10268	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	28.6
10287	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-TOD	8.30	±9.6
10268	CAG	LTE-TOD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TOD	10.06	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TOD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TOD	9.58	±9.6
10274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subrest 5, 3GPP Rel8.4)	WCDMA	3.96	±8.6
0277	CAA	PHS (QPSK)	PHS	11,81	±8.6
0278	CAA	PHS (QPSK, BW 884 MHz, Rotelf 0.5)	PHS	11.81	±9.6
0279	CAA	PHS (QPSK, EW 884 MHz, Rolloff 0,38)	PHS	12.18	±9.6
0580	AAB	CDMA2000, RC1, SOSS, Full Rate	COMA2900	3.91	±9,6
0291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6
0292	AAB	COMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
0290	AAB	COMA2000, RC3, SC3, Full Rate	CDMA2000	3.50	±9.6
0295	AAE	CDMA2000, RC1, SQ3, 1/8th Rate 25 tr.	CDMA2000	12.49	±9.6
0297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-F00	5.81	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FOO	5.72	±9.6
0299	AAE	LTE-FOD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FOO	6.39	±9.6
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FOO	6.60	±9.5
10301	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WWAX	12.57	±9.6
10303	AAA	IEEE 800,16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	±9.6
10394	AAA	IEEE 802 18e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.66	±9.8
10305	AAA	IEEE 802,16e WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSO, 15 symbols)	WMAX	15.24	±9.8
	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WMAX	14.67	+9.6

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+5005	Bev	Communication System Name	Group	PAR (dB)	Unc ^E k =
10307	0.000	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, GPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WIMAX (29.18, 10 ms, 10 MHz, 16 QAM, 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)	WMAX	14.57	±8.5
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, CPSK)	LTE-FDD	6.06	#9.6
0313	AAA	DEN 13	DEN	10.51	±8.6
10314	AAA	DEN 1.6	DEN	13.48	±9.6
10315	AAB	IEEE 802,116 WIFI 2,4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.73	±9.6
10316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mops, 98pc duty cycle)	WLAN	8.36	#9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mops, 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	6.98	±9,6
10054	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.96	±9:6
18355	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	19.6
10396	AAA	84-GAM Waveform, 190 kHz	Generic	6.27	±9.6
10399	AAA.	64-QAM Waveform, 40 MHz	Generic	6.27	±9.8
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802 11ac WFI (40 MHz, 64 GAM, 99pc thay 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-DC, Rev. 0)	CDMA2000	3,76	±9.6
10404	AAB	CDMA2006 (1xEV-DC, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 R8, 10 MHz, QPSK, UL Subframe=2.3,4,7.6,9, 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 802,116 WIFI 2.4 GHz (DSSS, 1 Mops, 89pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802 11g WFI 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, 6Mbps, 90pc duty cycle)	WLAN	8,23	±9.6
10416	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	±9:0
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 18-QAM)	WLAN	8.47	#9.6
10424	AAG	IEEE 802.11n (HT Creenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.8
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±9.6
10426	AAG	IEEE 802,11n (HT Greenfield, 90 Mbps, 16-QAM)	WEAN	8.45	±8.8
10427	AAC	IEEE 802,11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±8.0
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	L7E-FDD (OFDMA, 10MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDO	8.34	±9.6
10433	CAA	LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE-FD0	8.34	±9.6
10434	BAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.8
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDO	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10.448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDO	7,53	±9.6
10.449	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	AAE	W-CDNA (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
10458	AAC	IEEE 802.11ac WiFi (160 MHz, 64-CAM, 99pc duty cycle)	WLAN	8.63	±9.6
10457	AAB	UMTS-FDO (DC-HSDPA)	WCDMA.	0.82	±9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 clarriers)	CDMA2000	6.55	±9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 camlers)	COMA2000	8.25	±9.6
10,450	AAB	LMTS-FDD (WCDMA, AMR)	WCDMA	2.09	±9.6
10461	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL Subtramo+2,3,4,7,8,9)	LTE/TDD	7.82	±9.6
0.462	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
0.463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 54 QAM, UL Subhame+2.3,4,7,8,8)	LTE-TDD	8.56	±9.6
10464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, OPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TD0	7,82	±9.6
10.465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subhame-2,3.4,7,6.9)	LTE-TDD	0.32	±9.6
10466	AAD	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subhame-2,3.4,7,8.9)	LTE-TDD	0.57	±9.6
10.467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TDD	7.82	±9.6
10.468	AAG	LTE-TDD (SC-FDMA, 1 RB, SMHz, 18-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TDD	0.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.58	±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, 18-QAM, UL Subhame=2.3.4,7.8.9)			

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subtrame=2,3,4,7,8.9)	LTE-TDD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	19.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subhame+2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subtrame+2,3.4,7,8,9)	LTE-TOD	8.57	19.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subhame+2,3,4,7,8,9)	LTE-TDD	8.32	±9.8
10478	EAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subhame~2,3.4,7,6.9)	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 Subhame+2.3,4,7,8,9)	LTE-TDD	8.18	±9.6
104B1	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, 3MHz, QPSK, UL Subhame+2.3,4,7.8,9)	LTE-TOD	7.71	±9.6
10.4B3	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	19.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% R8, 5MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.38	#8.6
10487	AAG	LTE-TDD (SC-FDMA, 50% R8, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	#9.6
10488	AAG	LTE-TDD (SC-FDMA, 58% RB, 10 MHz, QPSK, UL Subframe=2.3.4,7.6.9)	LTE-TDD	7.70	±8.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM, UL Subtrame-2,3,4,7,8,9)	LTE-TOD	8.31	#9.6
10.490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,8)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subtrarre=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10492	AAF	LTE-TDO (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOD	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-TOD	8,55	±6.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe-2,3,4,7,8,9)	LTE-TDO	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TDO	8:37	19:8
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 54 QAM, UL Subtrame=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 Subtrame=2,0.4.7,6.9)	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, 1.4 MHz, 64-QAM, UL Subframe-2.3,4,7.8,9)	LTE-TDD	8.68	19.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.67	±9.8
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16 QAM, UL Subtrame=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 Subhame=2,3,4,7,6,5)	LTE-TOD	8.52	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subtrame-2,3,4,7,8,9)	LTE-TDD	7.72	±9.6
10504	AAG	LTE-TDD (SC FDMA, 100% RB, 5MHz, 15-QAM, UL Subkame=2,3.4,7,8.9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subtrame=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% FIB, 10 MHz, 16-QAM, UL Subframe-2,3,4,7,8.9)	LTE-TDD	8.36	±9.6
10506	AAG	LTE-TD0 (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subhame-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-TOD	7.99	±9.6
10510	AAF	LTE-TDO (SC-FDMA, 100% RB, 15MHz, 18-QAM, UL Subhume+2,3,4,7,8.9)	LTE-TDD	8.40	±9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 84-GAM, UL Subtrame=2,3.4,7,8,9)	LTE-TOD	8.51	±9.0
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TOD	7,74	±9.0
10513	AAG	LTE-TDD (SC-FDMA, 100% R8, 20MHz, 15-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TD0	8.42	±9:fi
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subtrame-2,3.4,7,8.9)	LTE-TOO	8.45	±9.6
10515	A Company of the Company	(EEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WEAN	1.58	±9.6
10516		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	±9,8
10518	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	H.23	±9.8
10519	AAC	IEEE 902.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duly cycle)	WLAN	0.39	±9.6
10520	and the state of t	IEEE 802.11a/h WFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11a/n WFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802,11a/n WiFi 5 GHz (OFDM, 36 Maps, 98pc duty cycle)	WLAN	8.45	±0.6
10523	AAC	IEEE 902.11a/h WFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	±9.6
10524		IEEE 802 11ah WIF 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525		IEEE 802,11ac WFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±8.6
10526	AAC	IEEE 802.11ac WIFI (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802.11ac WFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	19.6
10525		IEEE 902.11ac WiFi (20 MHz, MCS3, 99pc duty cycle)	WLAN	6.36	±9.6
10529		IEEE 902 11 ac WFI (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.38	±9.6
10531		IEEE 802.11ac WFI (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	PARTY LICENSE	IEEE 802.51ac WFI (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533		IEEE 802.11ac WF1 (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10534		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		IEEE 802,11ac WFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAC	IEEE 802.11ec WFi (40 MHz, MCS3), 99pc duty cycle)	WLAN	8.44	±8.6
10538	AAC	IEEE 802.11ac WIFI (40 MHz, MC54, 99pc duty cycle)	WLAN	8.54	±9.6
		IEEE 802.11ac WFI (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

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10541	AAC	IEEE 802.11ac WIFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	11,46	±9.8
10542	AAC	IEEE 802 11ac WiFi (40 MHz, MCS8, 96pc duty cycle)	WLAN	B.65	±9.8
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9,6
0544	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, 95pc duty cycle)	WLAN	B.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 (80MHz, MCS3, 99pc duty cycle)	WLAN	8.40	±9.6
10548	AAC	(IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.8
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.8
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 96pc duty cycle)	WLAN	8.45	±9.8
10554	AAD	IEEE 802.11ac WiFi (16) MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
10555	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.47	±9.0
0556	AAD.	IEEE 802.11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
0557	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
10558	CAA	IEEE 802.11ac WiFI (168 MHz, MCS4, 98pc 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	11.56	±9.6
10562	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 98pc duty cycle)	WLAN	8.69	±9.6
0563	AAD	IEEE 802.11ac WIF) (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	+9.6
10.584	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mops, 99pc duty cycle)	WLAN	8.25	±8.6
10565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±8.6
10565	AAA	IEEE 802.11g WIFI 2.4 GHz (DGSS-OFDM, 18 Mbps, 98pc 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	19.6
10568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	19.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	19.6
10570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pz duty cycle)	WLAN	8.30	19.6
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 80pc duty cycle)	WLAN	1.99	19.6
10572	AAA	IEEE 802 11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	19.6
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	19.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	19.6
10577	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	
10528	AAA	(EEE 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, 18 Maps, 90pc duty cycle)	WLAN		19.6
10580	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 26 Mbps, 90pc duty cycle)	WLAN	8,36	±9.6
10581	AAA	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10583	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	5,000,000	8.67	±9.6
10584	AAC	IEEE 802 11ah WFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	0.59	±9.8
10585	AAC	EEE 802.11ah WFI 5 GHz (OFDM, 9 Mbbs, 90pc duty cycle)	WLAN	8,60	±9.6
10586	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 18 Mbps, 90pc duly cycle)	WLAN	6.70	±9.6
10587	AAC		WLAN	8.49	±9.0
10588	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10.589	AAC	IEEE 802 11ah WFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.78	±9.6
10590	AAC	IEEE 802.11ah WFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10591	AAC	IEEE 802.11a/h WFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	#9.6
	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9,6
10592	100000000000000000000000000000000000000	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.6
10593	AAC	IEEE 802.11n (HT Moed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	H.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	B.74	±9.6
10596	AAC	IEEE 802.11x (HT Most, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.71	±9.6
10.597	AAC	IEEE 802.11n (HT Moxed, 26 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	B.50	±9.6
10599	AAC	EEE 802.11n (HT Mixed, 40 MHz, MCS0, (Opc duty cycle)	WLAN	8.79	±9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	H.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, MCSS, 90pc duty cycle)	WLAN	9.76	±9:6
	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±9:6
			- American Advantage		
10605 10606	AAG	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	#9.6
	AAC AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) IEEE 802.11ac WiF1 (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6 ±9.8

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UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10809	AAC	IEEE 802.11ac WFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	5.7H	±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, MCSS, 90pc duty cycle)	WEAN	8.77	±9.6
10613	AAG	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	(EEE 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	19.6
10617	AAC	IEEE 802,11ac WIF (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, MCSS, 90pc duty cycle)	WLAN.	8.77	19.6
10622	AAC	IEEE 802 11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.68	19.6
10823	AAC	IEEE 802.11ac WFI (40 MHz, MC57, 90pc duty cycle)	WLAN	8.82	19.6
-	A STATE OF THE PARTY OF THE PAR	A CONTRACTOR OF THE PROPERTY O	1,000		
10624	AAC	IEEE 802 11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	19.6
10625	AAG	IEEE 802.11ac WiFi (40 MHz, MGS9, 90pc duty cycle)	WLAN	8.96	±9.6
10826	AAC	IEEE 802.11ac WFI (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
10829	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, 50pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WIFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±0.6
10632	AAC	IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	#9.6
10633	AAC	(EEE 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	08.8	±9.6
10635	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	CAA	IEEE 802,11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
10637	AAD	IEEE 802.11sc WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10838	AAD	IEEE 802.11ac WIFI (168 MHz, MCS2, 90pc duty cycle)	WLAN	8.88	±9.8
10639	GAA	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	19.6
10641	AAD	IEEE B02 11ac WIFI (160 MHz, MCSS, 90pc duty cycle)	WLAN	9.06	19.6
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	19.6
10644		IEEE 802.11ac WFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	+9.6
10645	AAD		WLAN	9,05	+9.6
	AAH	IEEE 802.11as WiFi (160 MHz, MCS9, 90pc duty cycle)		11.96	
10646	Upor programmy is	LTE-TDD (SC-FDMA, 1 RB, SMHz, QPSK, UL Subhame-2,7)	LTE-TDD		±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±9.6
10848	AAA	CDMA2000 (Tx Advanced)	CDMA2000	3,45	±9.6
10852	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.01	±9.6
10653		LTE-TDD (CFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7,42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655		LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7,21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10,00	±9.6
10859	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6
10660		Pulse Waveform (200Hz, 40%)	Test	3.98	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2:22	±9.6
10662	AAB	Public Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Lew Energy	Bluetoath	2.19	±9.6
10671	AAG	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9,6
10672	AAG	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674		IEEE 802,11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20 MHz, MC54, 90pc duty cycle)	WLAN	5.90	±9.6
10676	AAC	IEEE 802.11ax (20MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAG	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678		IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.78	±9.6
10679		IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680		IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAG	IEEE 802 11ax (20 MHz, MCS10, 90pc duty cycle)	WEAN	8.62	+9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	W.AN	8.83	+9.6
10683	Acres de la constante de la co	IEEE 802.11ax (20MHz, MC50, 99pc duty cycle)	0.000	1,505.0	100000
10684			W;AN	8.42	±9.6
10685		IEEE 802.11ax (20MHz, MCS1, 98pc duty cycle)	WLAN	8.26	±9.0
-	the second	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.fi
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±8.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k = 1
10687	AAC	IEEE 802.11ax (20 MHz, MC84, 99pc duty cycle)	WLAN	8.45	±9:6
0688	AAC	IEEE 802,11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
0.689	AAC	IEEE 802.11ex (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8:29	±9.6
0691	AAC	EEE 802.11 ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8,25	±9.6
0892	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8,29	±9.5
0883	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	H.25	±9.6
0694	AAC	IEEE B02 11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
0695	AAC	IEEE 802 11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
0888	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8,91	19.6
10897	AAC	IEEE B02.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8,61	±9.6
86901	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WI,AN	8.89	±9.6
0899	AAC	IEEE 802.11ax (40 MHz, WCS4, 90pc duty cycle)	WLAN	8.82	19.6
10700	AAD	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN.	8.73	±9.6
0701	AAC	IEEE 802.11 ax (40 MHz, MCS8, 50pc duty cycle)	WLAN	E.00	±9.6
0702	AAC	IEEE 802 11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
0703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0704	AAC	IEEE B02.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.6
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MGS11, 90pc duty cycle)	WLAN	8.66	19.6
0.707	AAC	IEEE B02,11ax (40 MHz, MCS0, 95pc duty cycle)	WLAN	8.32	±9.6
10706	AAC	IEEE 802 11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10.710	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	±9.8
0.712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802,11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.33	±9.6
10714	AAG	IEEE 802,11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.6
0715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WEAN	8.45	±9.8
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, Wipc duty cycle)	WLAN	8.24	±9.8
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	W.AN	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	B.70	±9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCSS, 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
0727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAG	IEEE 802.11six (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAG	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	±9:0
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
0737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WEAN	8.36	±9.6
0738	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	±8.6
0740	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9,6
0741	AAC	IEEE 802,11ax (BDMHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	W.AN	8.43	+9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
0744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
0745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9,6
0746	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 (180 MHz, MCSS, 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)	WEAN	8.62	±9:6
10752	AAC	IEEE 802,11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6

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0.753 0.754 0.755 0.756 0.757 0.758 0.759 0.760	AAC AAC		Group	PAR (dB)	Unc ^E k =
0755 0756 0757 0758 0759	100000000000000000000000000000000000000	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	19.6
0756 0757 0758 0759	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8,94	±9.6
0757 0758 0759	1000	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	19.6
0758 0759	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0759	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6
	AAC	IEEE B02.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	19.6
0760	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	19.6
	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8.49	±9.6
0761	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.58	±9.6
0782	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	#9.6
0763	AAC	IEEE 802,11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	#9.6
0764	AAC	IEEE 802,11ax (100 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
0765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	19.6
0766	AAC	IEEE 802,11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	+9.B
0767	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±9.6
0768	AAD	50 NR (CP-OFDM, 1 RB, 10 MHz, OPSK, 15kHz)	SG NR FR1 TDD	8.01	+9.6
0769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
0770	AAD	5G NR (CP-OFDM, 1 R8, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	+9.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FRI TDD	8.02	±9.8
0772	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	SG NR FR1 TDD	8.23	19.6
0773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	100000	100
				8.02	±9.6
0775	AAD	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 154Hz)	5G NR FR1 TDD	8.31	19.6
0776	AAD	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	±9.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8,30	±9.8
0.778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	9G NR FR1 TD0	8.34	±9.6
0779	AAG	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TD0	8.42	+9.6
0780	.AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6
0781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.8
0782	AAD	53 NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	±9.6
0783	AAE	53 NR (CP-OFDM, 168% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
07B4	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.29	±9.0
0785	AAD	50 NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDO	8,40	±9.6
0786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.35	±9.6
0787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.44	±9.6
0788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.29	±9.6
0789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 TDD	8.37	±9.6
0790	AAD	50 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	99 NR FR1 TDD	8.39	±9.6
0791	AAE	SG NR (CP-CFDM, 1 RB, 5MHz, QPSK, 30NHz)	50 NR FR1 TDD	7.83	±9.6
0.792	AAD	5G NR (CP-OFOM, 1 RB, 10 MHz, CPSK, 30 kHz)	5G NR FRI TDD	7.92	±9.6
0793	CAA	5G NR (CP-OFOM, 1 RB, 15MHz, QPSK, 30kHz)	5G NA FA1 TDD	7.95	+9.0
0794	AAD	SG NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.62	±9.6
0795	AAD	SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.84	+9.6
0796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	19.6
1797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NA FRI TOD	8.01	±9.6
0798	AAD	5G NR ICP-OFOM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	
0799	AAD	50 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	11 E 22 C 23 M E 2 M L L L L 2 M L		±9.6
0801	AAD	SG NR (CP-OFDM, 1 RB, 80 MHz, OPSK, 30 kHz)	SG NR FR1 TDD	7.93	±9.6
	AAD		5G NR FR1 TDD	7.89	±8.6
0802		5G NR (CP-OFOM, 1 RB, 90 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.87	±9,0
1803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 30 kHz)	5G NA FR1 TDD	7,93	±9.6
1805	AAD	5G NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.34	±9.6
1806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	56 NR FR1 TDD	8.37	±9.6
9080	AAD	5G NR (CP-OFOM, 50% RB, 30 MHz, CPSK, 30 kHz)	BG NR FR1 TDD	8.34	±93
	AAD	SG NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	8.34	土9.8
	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.35	±9.6
1812	WE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	+9.6
1812 1817	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 NHz)	58 NR FR1 TDD	8.34	±9.6
0812 0817 0818		SG NR (CP-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0812 0817 0818 0819	AAD	5G NA (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 NHz)	5G NR FR1 TDD	8.30	±9.6
0812 0817 0818 0819	AAD				
0812 0817 0818 0819 0820		50 NR (CP-0FDM, 100% RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	
0810 0812 0817 0818 0819 0820 0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD		±9.6
0812 0817 0818 0819 0820 0821	AAD		1G NR FR1 TDD	8.41 8.41	±9.6
0812 0817 0818 0819 0820 0821 0822 0823	AAD AAD AAD AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	1G NR FR1 TDD 5G NR FR1 TDD	8.41 8.41 8.36	±9.6 ±9.6 ±9.6
0812 0817 0818 0819 0820 0821 0822 0823 0824	AAD AAD AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 MHz) SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 MHz) SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)	1G NR FR1 TDD 5G NR FR1 TDD 5G NR FR1 TDD	8.41 8.41 8.36 8.39	±9.6 ±9.6 ±9.6
0812 0817 0818 0819 0820 0821 0822 0823	AAD AAD AAD AAD AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz) SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	1G NR FR1 TDD 5G NR FR1 TDD	8.41 8.41 8.36	±9.6 ±9.6 ±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k =
0.829	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8,40	±9.6
0830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TD0	7.63	±9.6
0831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 68NHz)	5G NR FR1 TDD	7,73	19.6
0832	AAD:	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, ((0 kHz))	5G NR FR1 TDD	7.74	±9.6
3833	AAD	50 NR (CP-QFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, GPSK, 60 kHz)	5G NR FRI TDD	7.75	±9.6
0835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	7.70	#9.6
0836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
0837	AAD	50, NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±8.6
0839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
0840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.67	±9.6
0841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
0843	AAD	5G NR (CP-OFDM, 58% RB, 15 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.49	±9.6
0844	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0854	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60kHz)	50 NR FR1 TDD	8.34	29.6
0855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 80 kHz)	50 NR FR1 TOD	8.36	±9.6
0856	AAD	SG.NR (CP-OFDM, 100% RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TD0	8.37	±9.6
0857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
0856	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FRI TDD	8.36	±9.6
0858	AAD	5G NR (CP-OFDM, 100% RB. 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
0880	AAD	5G NR (CP-OFDM, 100% RB, 58 MHz, QPSK, 66 NHz)	5G NR FR1 TDD	8.41	±9.6
0.861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.0
0.663	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, GPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
0864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, CPSK, 60 kHz)	SG NR FR1 TDD	8.37	±9.6
0885	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.41	+9.6
0885	AAD	5G NR (DFT-e-OFOM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.68	±9.6
0888	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	#9.6
0869	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
0870	AAE	5G NR (DFT-s-OFOM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TOD	5.86	±9.6
9871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
0872	AAE	5G NR (DFT-e-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	±9.6
0673	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.61	±9.3
8874	AAE	5G NR (DFTs-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz)	5G NR FR2 TDD	6.65	+9.6
8875	AAE	5G.NR (CP-OFOM, 1 RB, 100 MHz, CPSK, 120 kHz)	5G NR FR2 TDD	7.78	±8.6
10.876	AAE	50 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)	SG NR FR2 TDD	7,95	±9.0
10-676	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16GAM, 120 KHz)	5G NR FR2 TDD	8.43	±9.8
10879	AAE	5G NR (CP-OFDM, 1 RB, 100MHz, 64QAM, 120HHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	SG NR FR2 TDD	8.38	±9.8
10881	AAE	50 NR (DFTs-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	19.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50MHz, 18QAM, 120kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-s-OFDM, 100% RB, S0 MHz, 16QAM, 120 kHz)	5G NA FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDO	6.61	±9.6
10886	AAE	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9,6
10887	AAE	5G NR (CP-CFOM, 1 RB, 50 MHz, CPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.4
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 NA FR2 TDD	8.40	±9.6
10891	AAE	SG NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		±9.6
10892	AAE	50 NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120-VHz)	5G NR FR2 TDD		±9.6
10897	AAC	50 NR (DFTs-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NA FR1 TDD		±9.
10896	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.
10,899	BAA	50 NR (DFT++-OFDM, 1 R8, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.
10900	AAB	5G NA (DFTs-OFDM, 1 AB, 20 MHz, QPSK, 30 kHz)	56 NR FR1 TDD		±9.
10901	BAA	50 NR (DFT+-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	SG NA FAI TOD		±9,
10902	AAB	SG NR (DFT a-DFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.
10903	AAB	5G NR (DFT-tr-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.1
10904	AAB	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TD0		±9.
10905	AAB	5G NR (DFT:a-OFDM, 1 R8, 50 MHz, QPSK, 30 kHz)	50 NR FR1 TDD		±9.0
10906	AAB	5G NR (DFT-e-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	SQ NR FR1 TDD	5.68	+9,6
10907	AAG	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TD0	5.78	±9.6
10908	AAB	9G NR (DFT-s-OFDM, 50% RB, 10 MHz, CPSK, 30 kHz)	5G NR FR1 TDD		±93
10909	AAB	5G NR (DFT ₈ -DFDM, 50% RB, 15MHz, CPSK, 30KHz)	5G NR FR1 TDD	5.98	19.
10910.	AAE	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.83	+9.0

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^b k ≈
0911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, OPSK, 30kHz)	5G NR FR1 TDO	5.93	±9.6
0912	AAB	5G NR (DFT-a-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6
0913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±9.6
914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TOD	5.85	#8.6
1915	AAB	SG NR (DFT-a-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.83	±9.6
916	AAB	SG NR (DFT-4-OFDM, 50% RB, 80MHz, QPSK, 30%Hz)	5G NR FR1 TDD	5.87	19.6
1917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
918	AAC	SG NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	±9.6
919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.86	±9.6
920	AAB	SG NR (DFTs-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±9.6
1921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5,84	±9.6
922	AAB	5G NR (DFT-p-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.82	±9.6
923	BAA	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 38kHz)	5G NR FR1 TDD	5.94	+9.6
924	BAA	5G NR (DFT-p-OFDM, 100% RB, 40MHz, QPSK, 30NHz)	5G NR FR1 TDD	5:84	±9.6
1925	-AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5:95	±9.6
928	AAB	50 NR (DFT++OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.6
927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
928	AAC	5G NR (DFT-e-OFDM, 1 R8, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
929	AAC	50 NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
930	AAC	5G NR (DFT a OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.5
1931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FRI FDD	5.51	±9.6
1005	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	#9.6
0033	AAC	SG NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.8
1934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	50 NR FR1 FDD	5.51	±9.6
0935	AAD	50 NR (DFT-6-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.51	+9.6
0936	AAC	5G.NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	SG NR FR1 FDD	5.90	+6.6
0937	AAC	SG NR (DFT=-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6
0938	AAC		5G NR FR1 FDD	5.90	+9.6
		5G NR (DFT+-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)			The second secon
0939	AAC	5G NR (DFT a-DFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.82	±9.6
0940	AAC	5G NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5,89	19.6
0941	AAC	5G NR (DFT-e-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	SG NR FR1 FD0	5.83	±9.6
0942	AAC	5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	SG NR FB1 FD0	5,65	±9.6
0843	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6
0944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	SG NR FR1 FD0	5.81	±9.6
0945	AAC	5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NA FR1 FD0	5.85	±8.6
0946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.83	±9.6
0947	AAG	53 NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G-NR FR1 FD0	5.87	±9,6
0948	AAG	5B NR (DFT-e-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.0
0949	AAG	5G NR (DFT+s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.8
0950	AAG	5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.8
0951	DAA	5G NR (DFTs-OFDM, 100% RB, S0MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.92	±9.6
0.952	AAA	5G NR DL (CP-OFDM, TM 3.1, SMHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	±9.fl
10953	AAA	5G NR DL (CP-DFDM, TM 3.1, 18MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.15	±9.6
10954	AAA.	5G NA DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.23	±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-DFDM, TM 3:1, 5MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	B.14	±9.6
10957	AAA	5G NR DL (CP-DFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.8
10858	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8,61	±9.6
0959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	6.33	±9.6
0960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	.9.32	±9.6
0961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	19.6
0962	AAE	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDO	9.40	±9.6
0963	and the latest section of	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6
0964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 NHz)	5G NR FR1 TDD	9.29	+9.6
0965	1000	5G NR DL (CP-OFDM, TM 3.1, 16 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDO	9.37	±9.6
0966	and the same of the same of	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	19.6
	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FRI TOO	9.42	±9.6
0967	en incoming of	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.0
minimization)	1 19750	50 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.58	+9.6
0968	AAR		5G NR FRI TDO		±8.6
10968			DOD BELLEVIOLE	1 0.00	
10968 10972 10973	AAB	9G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	DO NO ED CON	10.00	10.0
10967 10968 10972 10973 10974	AAB	5G NR (CP-OFDM, 100% RB, 100MHz, 256-QAM, 30AHz)	5G NR FR1 TDD	10.28	±9.6
10968 10972 10973 10974 10978	AAB AAB AAA	SG NR (CP-CFDM, 100% RB, 100MHz, 256-GAM, 30%Hz) ULLA BOR	ULLA	1.16	±9.6
10968 10972 10973 10974 10978 10979	AAB AAA AAA	SG NR (CP-CFDM, 100% RB, 100MHz, 256-QAM, 30kHz) ULLA BDR ULLA HDR4	ULLA	1.16 8.58	±9.6
10968 10972 10973 10974 10978	AAB AAA AAA	SG NR (CP-CFDM, 100% RB, 100MHz, 256-GAM, 30%Hz) ULLA BOR	ULLA	1.16	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E k ≈ 2
10983	AAA	5G NR DL (CP-DFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	9.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 T00	9.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDO	9.54	±9.6
10986	AAA	50. NR DL (CP-OFDM, TM 3.1, S0 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.50	+9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64 QAM, 30 kHz)	SG 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
10988	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, 84-QAM, 90 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15kHz)	SG NR FR1 TDD	10.24	±9.6
11004	AAA	5G.NR DL (CP-OFOM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	SG NR FRI TDD	10.73	±9.6
11.006	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-GFDM, 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	ft.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 15 kHz)	5G NR FR1 FD0	8.51	19.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.76	±9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	50 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)	5Q 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, MCSA, 98pc duty cycle)	WLAN	B.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	19.6
11019	AAA.	IEEE 882,11be (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 (300MHz, 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 duly cycle)	WLAN	8.09	±9.0
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, MOS8, 99pc duty cycle)	WLAN	8.39	±9.8

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

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Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kallbrierdienst
C Service sulsse d'étalonnage
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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

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7654_May23

CALIBRATION CERTIFICATE

Object EX3DV4 - SN:7654

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 May 24, 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%.

Caribration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power mater 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
DCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Opt-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 860	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. E53-3013_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 E8356A	SN: US41080477	31-Mar-14 (in house check Oct-22)	in house check: Oct-24

Calibrated by

Jeton Kastrati
Laboratory Technician

Approved by

Sven Kühn

Technical Manager

Ssued: May 25, 2023

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

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Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
Servizio sytzzero 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 CorwF sensitivity in TSL / NORMx,y,z DCP diode compression point

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

Polarization φ φ rotation around probe axis

Polarization # ## Protection around an axis that is in the plane normal to probe axis (at measurement center), i.e., # = 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 62209-1526, "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 ≤ 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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May 24, 2023

Parameters of Probe: EX3DV4 - SN:7654

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (µV/(V/m) ²) A	0.65	0.60	0.54	±10.1%
DCP (mV) B	105.0	103.1	105.3	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	$dB\sqrt{\mu V}$	С	D dB	WR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1,00	0.00	148.2	±1.6%	±4.7%
		Y	0.00	0.00	1.00		122.0		
		Z	0.00	0.00	1.00		131.0		
10352	Pulse Waveform (200Hz, 10%)	X	1.55	60.73	6.09	10.00	60.0	±2.9%	±9.6%
		Y	12.00	74.00	11.00		60.0		
		Z	1.62	61.10	6.55		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	50.00	76.00	9.00	6.99	80.0	±2.7%	±9.6%
		Y	20.00	74.00	9.00		80.0		
		Z	0.81	60.00	4.82		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.01	123.94	0.36	3.98	95.0	±2.6%	±9.6%
		Y	0.15	141.04	0.17	8	95.0		
		72	0.00	123.38	0.28	-	95.0		
10355	Pulse Waveform (200Hz, 60%)	X	2.90	159.97	2.72	2.22	120.0	±1.6%	±9.6%
		Y	9.85	158.93	9.41		120.0		
		Z	0.37	160.00	0.72		120.0		
10387	QPSK Waveform, 1 MHz	X	0.73	84.30	11.73	1.00	150.0	±4.6%	±9.6%
		Y	0.67	64.71	12.29		150.0		
		Z	0.44	61.42	10.28		150.0		
10388	QPSK Waveform, 10 MHz	X	1.42	65.22	13.59	0.00	150.0	±1.0%	±9.6%
		Y	1.43	65.90	13.93	2.00	150.0	S-2.11	
		Z	1.17	64.02	12,71		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.67	64.19	15.74	3.01	150.0	±1.0%	±9.6%
		Y	1,65	64.11	15.72	G7250	150.0		
		Z	1.61	63.93	15.68		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.90	65.94	14.83	0.00	150.0	±2.9%	±9.6%
	and committee and the second	Y	2.91	66.31	15.07		150.0	SERVICE S	
		2	2.80	66.11	14.87		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.02	65.64	15.14	0.00	150.0	±4.7%	±9.6%
Bachinin		Y	3.96	65.93	15.28	LINE AN	150.0	STEARING.	
		Z	3.81	65.83	15.13		150.0		

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%.

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

8 Linearization parameter uncertainty for maximum specified field strength,

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



Parameters of Probe: EX3DV4 - SN:7654

Sensor Model Parameters

				T0					
	C1 fF	C2 tF	ν ⁻¹	msV ⁻²	ms V ⁻¹	ms	T4 ∀-2	T5 V ⁻¹	16
X	13.6	99.48	34.12	3.95	0.00	4.91	0.53	0.01	1.01
ÿ.	11.6	84.81	33.87	3.79	0.00	4.90	0.48	0.00	1.00
Z	10.3	75.76	34.17	3.39	0.00	4.95	0.21	0.04	1,01

Other Probe Parameters

Certificate No: EX-7654_May23

Sensor Arrangement	Triangular
Connector Angle	-21.2"
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:7654

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	10.42	10.45	11.09	0.38	1.27	±12.0%
835	41.5	0.90	9.83	9.90	10.74	0.37	1.27	±12.0%
900	41.5	0.97	9.48	9.59	10.59	0.38	1.27	±12.0%
1750	40.1	1.37	8.98	9.09	9,77	0.27	1.27	±12.0%
1900	40.0	1.40	8.46	8.45	9.14	0.30	1.27	±12.0%
2300	39.5	1.67	8.09	8.02	8.69	0.32	1.27	±12.0%
2450	39.2	1.80	7.94	7.91	8.56	0.30	1.27	±12.0%
2600	39.0	1.96	7.92	7.86	8.50	0.30	1.27	±12.0%
3300	38.2	2.71	7.42	7.39	8.02	0.35	1.27	±14.09
3500	37.9	2.91	7.31	7.33	7.88	0.35	1.27	±14.09
3700	37.7	3.12	7.30	7.28	7.84	0.37	1,27	±14.09
3900	37.5	3.32	7,15	7.09	7.70	0.38	1,27	±14.09
4100	37.2	3.53	7:04	7.00	7.55	0.38	1.27	±14.09
4400	36.9	3.84	6.85	6.82	7.33	0.36	1,27	±14.09
4600	36.7	4.04	7.08	6.94	7,55	0.39	1.27	±14.09
4800	36.4	4.25	6.99	6.94	7.44	0.38	1.27	±14.09
4950	36.3	4.40	6.55	6.39	6.96	0.46	1.36	±14.09
5250	35.9	4.71	6.06	6.00	6.33	0.37	1.62	±14.09
5600	35.5	5.07	5.34	5.26	5.58	0.42	1.67	±14.0%
5750	35.4	5.22	5.38	5.21	5.67	0.41	1.75	±14.09
5800	35.3	5.27	5.31	5.15	5.58	0.40	1.78	±14.09

Frequency wildity above 300 MHz at ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±30 MHz. The uncertainty is the RSS of the CornF uncertainty at culturation frequency and the uncertainty for the indicated frequency band. Frequency validity better 300 MHz is ±10.25, 40.50 and 70 MHz for CornF assessments at 30, 54, 128, 150 and 220 MHz respectively. Validity of CornF assessed at 5 MHz is 4–9 MHz, and CornF assessed at 13 MHz is 9–19 MHz. Above 5 GHz bequency validity can be estended to ±110 MHz.

The probes are calibrated using fissue simulating liquids (TSL) that deviate for a and or 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 serget of less than ±5% are used, the calibration uncertainties are 11,1% for 0.7 · 3 GHz and 13.1% for 3 · 6 GHz.

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

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EX3DV4 - SN:7654 May 24, 2023

Parameters of Probe: EX3DV4 - SN:7654

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	5.92	5.77	6.10	0.20	2.50	±18.6%

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C Frequency validity at 6.5 GHz is ~800\+700MHz, and ±700MHz 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.

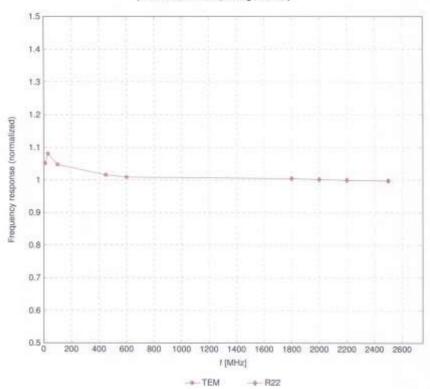
The proble are calibrated using issue simulating liquids (TSL) that deviate for c and or by less than ±10% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

Alpha/Cepth 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; below ±2% for frequencies between 5-6 GHz; and below ±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)



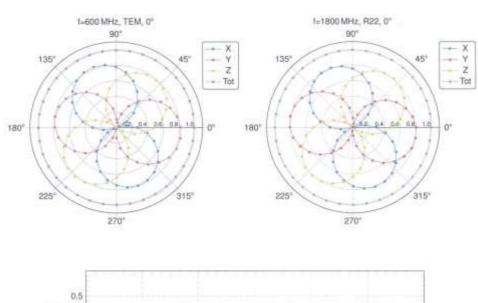
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

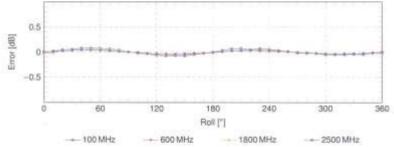
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Receiving Pattern (ϕ), $\theta = 0^{\circ}$





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

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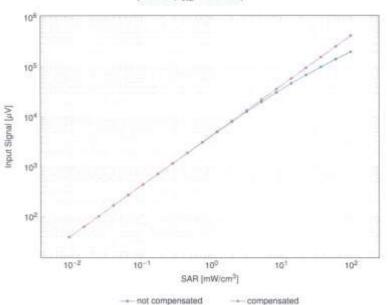
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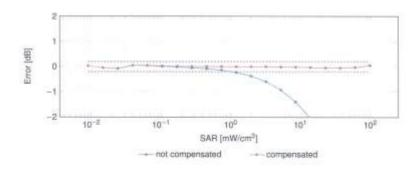
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Dynamic Range f(SAR_{head})

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





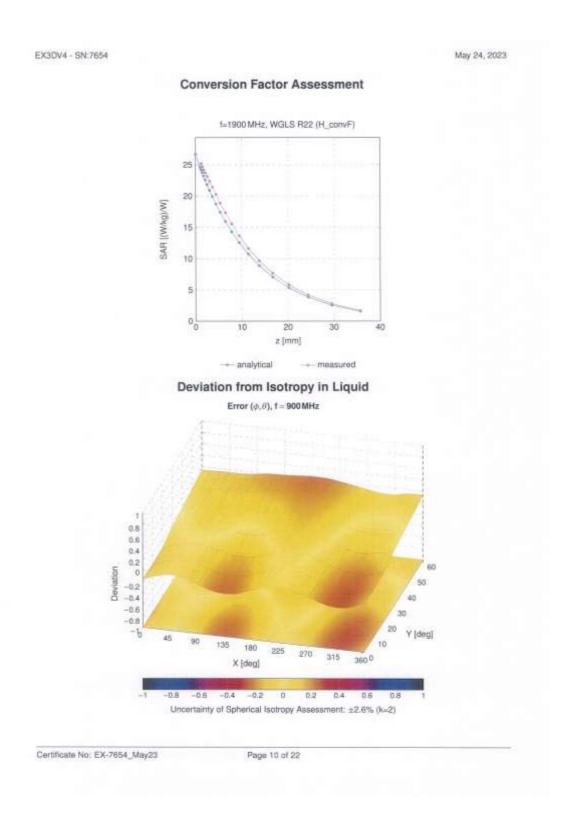
Uncertainty of Linearity Assessment: ±0.6% (k=2)

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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
0	200	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)	G5M	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN II)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	0.56	±9.0
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6
10,026	DAG	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	DWC	GPRS-FD0 (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
10033	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7:74	±9,6
10034	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH0)	Bluetooth	4.53	±9.6
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15,1 Bluetooth (8-DPSK, DH1)	Bluetoath	8.01	±9.6
10037	CAA	IEEE B02 15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9:0
10839	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9,6
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDO (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
10050	GAA	UMTS-TDD (TD-SCDMA, 1.28 Mqss)	TD-SCDMA	11.01	±9.0
10056	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	8.52	19.6
10059	CAB	IEEE 802,116 WFI 2,4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802 11b WIFI 2.4 GHz (DSSS, 5.5Mbps)	WEAN	2.83	±9.6
10061	CAB		WLAN	3.60	±9.6
10005	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±8.6
10063	CAD		WLAN	8.63	19.6
10064	CAD	IEEE 802,11a/h WIFI 5 GHz (OFDM, 12 Mbps)	· WLAN	8.09	±9.6
10065	CAD	IEEE 802,11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10066	CAD	The state of the s	WLAN	9.38	±9.6
10067	CAD	Extraction for the control of the co	WEAN	10.12	±9.6
10068	CAD	IEEE 802:11a/h WIFI 5 GHz (OFDM, 46 Mbps)	WLAN	10,24	±9.6
10.069	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 WFi 2.4 GHz (DBSS/OFDM, 12 Mbps)	WEAN	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 Mops)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WFI 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	COMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fullrate)	AMPS	4,77	±9.6
10090	DAG	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	19.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±8.6
10096	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, 20MHz, QPSK)	L7E-FD0	5.67	±9.6
10101	CAF	LTE-F00 (SC-F0MA, 100% RB, 20MHz, 16-QAM)	LTE-FD0	6.42	19.6
10102	CAF	LTE FOD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	±9.6
10103	CAH		LTE-TD0	9.29	±8.0
10104	CAH		L7E-T00	9.97	19.6
10105	CAH		LTE-TOO	10.01	19.6
10108	CAH		LTE-F00	5,80	±9.6
10109	CAH	Land to the control of the property of the control	LTE-F00	6.43	±9.6
10110	CAH	English Annual Science Control of the Control of th	LTE-FD0	5.75	19.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Uno ^E k =
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 84-QAM)	LTE-FOO	6.59	±9.6
0113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, (4-QAM)	LTE-FDD	6.62	±9.6
10114	CAD	IEEE 802.11ri (HT Greenfield, 13.5 Mbps. BPSK)	WLAN	8.10	±9.6
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
0116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
0117	CAD	IEEE 802.11n (HT Mired, 13.5 Mbps, BPSK)	WLAN	8:07	19.6
0118	CAD	IEEE 802.11n (HT Mired, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
0119	CAD	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	±9.6
0140	CAF	LTE-FDO (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.40	±9.6
0141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.53	±9.6
0.142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.6
0143	CAF	LTE-FDD (SC FDMA, 100% RB, 3 MHz, 16 QAM)	LTE-FDD	6.35	±9.6
0144	CAF	LTE-FDD (8C-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.65	±9,6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.76	±9.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	±9.6
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1,4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	#9.8
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6
0151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB; 20 MHz, 16-QAM)	LTE-TD0	9.92	±9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% PB, 20 MHz, 64-QAM)	LTE-TOO	10,05	±8.6
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FD0	6.43	±5.5
0196	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FDD	5.79	±9.8
0157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-F00	6.49	±9.6
0158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 84-QAM)	LTE-FD0	6.62	19.6
0150	CAH	LTE-FOD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FOO	6,56	+9.6
0.160	CAF	LTE-FDD (SC-FDMA, 50% AB, 15MHz, QPSK)	LTE-FD0	5,82	±9.6
0161	CAF	LTE-FOO (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDO	6.43	19.6
0162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FDD	6,58	±9.6
0166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDO	5,46	±9.6
0167	CAG	LTE-F00 (SC-F0MA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDD	8.21	19.6
0.168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
0169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.6
0170	CAF	LTE-FDD (SG-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6,52	±9.6
0171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	5,49	±9.6
0.172	CAH	LTE-TOD (SC-FDMA, 1 R8, 20 MHz, QPSK)	LTE-TDD	9.21	±9.4
0173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9,48	±9.6
0174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.0
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 6MHz, QPSK)	LTE-FDD	5.73	±9.6
0178	CAH	LTE-FDD (SC-FDMA, 1 RB; 5MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	8.50	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	±9.6
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
0183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 84-QAM)	LTE-FDD	8,50	±9.6
0184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5,73	±9.6
0185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6
0186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 84-QAM)	LTE-FOD	6.50	±9.6
0187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	±9.4
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-GAM)	LTE-FDD	6.52	±9.6
0189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FOD	6.60	±9.6
0193	CAD	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	8.09	±9.4
0194	CAD	IEEE 892.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
0195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.8
0196	CAD	IEEE 802.11n (HT Mixed, 8.5 Mbps, 8PSK)	WLAN	8.10	±9.8
0107	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
0198	CAD	IEEE B02.11n (HT Mixed, 65Mbps, 64-QAM)	WLAN	5.27	±9.6
0219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
0220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
0221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9,6
0222	CAD	IEEE 802,11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.8
0223	CAD	IEEE 802 11n (HT Mixed, 90 Mbps, 16-QAM)	WEAN	8.48	±9.6
0224	CAD	IEEE B02.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9,6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^E $k = 2$
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TDD	9.49	±9.6
10227	CAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	19.6
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, 3MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10220	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	10.25	EB.6
10231	CAE	LTE-TDO (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	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, 5MHz, 64-QAM)	LTE-TDD	10.25	±0.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TDD	9.21	#9.8
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-TOD	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, 15MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOO	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM)	LTE-TOD	9.82	±9,6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-TOD	9,86	±9.6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.40	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (BC-FDMA, 50% RS, 3MHz, 64-QAM)	LTE-TOD	10.06	±9.6
10246	CAE		LTE-TOO	9.30	±9.6
10247	CAH		LTE-TDD	9,91	19.6
10248	CAH		LTE-TDD	10.09	±9.6
10249	CAH		LTE-TDD	9,29	±9.8
10250	CAH		LTE-TDD	9,81	±9.6
10251	CAH		LTE-TDD	10,17	19.6
10252	GAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-TDD	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TOD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-TDD	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-TDD	9.20	±9.6
10256	CAC		LTE-TDD	9.96	±9.6
10257	CAC		LTE-TDD	10,88	±9.8
10:258	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	±9.8
10.250	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.5
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TOD	9.24	±9.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, SMHz, 18-QAM)	LTE-TDD	9.83	±9,8
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 54-QAM)	LTE-TDD	10.36	±9.6
10.264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	9.23	±9.6
10295	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.8
10286	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-TOD	9.30	±9.8
10288	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10289	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TOD	10.13	±9.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TDD	9.58	±9.6
10274		UMTS FDD (HSUPA, Bubbast 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP ReitL4)	WCDMA	3.96	±9:8
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Polloff 0.5)	PHS	11.81	±9:6
10279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	+9.6
10,290	AAB	GDMA2000, RG1, SG55, Full Rate	CDMA2000	3,91	±9:6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	EDMA2000	3.48	±9.8
10292	AAB	CDMA2000, RC3, SC02, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SC6, Full Rate	CDMA2000	3.50	±9.6
10295	AAB	CDMA2000, RC1, SC3, 1/8th Rate 25 h.	CDMA2000	12.49	±9.6
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FD0	5.81	±9.6
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FD0	5.72	±9.0
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	6.39	±9.6
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 54-QAM)	LTE-F00	6.00	±9.6
10301	AAA	IEEE 802 16e WMAX (29:18, 5ms, 10 MHz, CPSK, PUSC)	WMAX	12.03	±9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, OPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	19.6
10303	AAA	IEEE 802.16e WIMAX (31.15, 5ms, 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	±9.0
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)	WMAX	14.67	±9,6

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