

Appendix A. Calibration certificate
Appendix A.1 Probe Calibration certificate (EX3DV4 SN3697)

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



S Schweizerischer Kalibrierdienst
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Multilateral Agreement for the recognition of calibration certificates

Accreditation No.: SCS 0106

Client
Eurofins KCTL
Gyeonggi-do, Republic of Korea

Certificate No.
EX-3697_Apr23

CALIBRATION CERTIFICATE

Object EX3DV4 - SN:3697

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

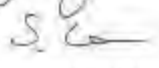
Calibration date April 13, 2023

This calibration certificate documents the traceability to national standards, which realize the physical units of measurement (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	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1018	20-Oct-22 (OCP-DAK12-1018_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (In house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498067	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 8548C	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:	Jeffrey Katzman	Laboratory Technician	
Approved by:	Sven Kühn	Technical Manager	

Issued: April 13, 2023

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

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Accreditation No.: **SCS 0108**

Glossary

TSL	tissue simulating liquid
NORM _{x,y,z}	sensitivity in free space
ConvF	sensitivity in TSL / NORM _{x,y,z}
DCP	diode compression point
CF	crest factor (1/duty cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization φ	φ rotation around probe axis
Polarization θ	θ rotation around probe axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0^\circ$ 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:

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

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}**: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM_{01x,y,z} = NORM_{x,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
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; D_{x,y,z}; VR_{x,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 deformation range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters**: Assessed in fat phantom using E-field (or Temperature Transfer Standard for $f \leq 800$ 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, depn) 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 NORM_{x,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 NORM_x (no uncertainty required).

EX3DV4 - SN:3697

April 13, 2023

Parameters of Probe: EX3DV4 - SN:3697

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu W/(W/m)^2$) ^A	0.34	0.37	0.33	+10.1%
DCP (mV) ^B	104.5	104.5	106.0	±4.7%

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB/μV	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	144.6	±1.9%	±4.7%
		Y	0.00	0.00	1.00		156.5		
		Z	0.00	0.00	1.00		139.9		
10352	Pulse Waveform (200Hz, 10%)	X	8.54	78.91	16.85	10.00	50.0	±3.2%	±9.6%
		Y	20.00	92.91	22.13		50.0		
		Z	9.81	80.49	17.40		50.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	88.25	18.19	9.99	80.0	±1.6%	±9.6%
		Y	20.00	93.56	21.43		80.0		
		Z	15.96	86.68	17.93		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	87.14	15.99	3.98	95.0	±1.4%	±9.6%
		Y	20.00	93.73	20.11		95.0		
		Z	20.00	87.73	16.31		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	1.27	67.96	8.69	2.22	120.0	±1.3%	±9.6%
		Y	20.00	95.40	19.37		120.0		
		Z	1.89	70.38	9.85		120.0		
10387	QPSK Waveform, 1 MHz	X	1.31	65.31	13.53	1.00	150.0	±3.7%	±9.6%
		Y	1.58	65.82	14.43		150.0		
		Z	1.37	65.49	13.57		150.0		
10388	QPSK Waveform, 10 MHz	X	1.81	66.24	14.61	0.00	150.0	±1.0%	±9.6%
		Y	2.13	67.52	15.26		150.0		
		Z	1.89	66.55	14.64		150.0		
10396	64-QAM Waveform, 100 kHz	X	2.33	67.18	17.10	3.01	150.0	±0.9%	±9.6%
		Y	2.85	69.83	18.31		150.0		
		Z	2.64	69.08	17.79		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.18	66.20	15.16	0.00	150.0	±2.6%	±9.6%
		Y	3.46	67.07	15.59		150.0		
		Z	3.27	66.56	15.26		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.66	65.83	15.53	0.00	150.0	±4.6%	±9.6%
		Y	4.65	65.12	15.15		150.0		
		Z	4.60	65.54	15.32		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%.

^A The uncertainties of form X, Y, Z do not include the $k=1$ -fold uncertainty inside TSL (see Page 5).^B Linearization parameter uncertainty for maximum specified field strength.^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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April 18, 2023

Parameters of Probe: EX3DV4 - SN:3697**Sensor Model Parameters**

	C1 fF	C2 fF	α V^{-1}	T1 $ms V^{-2}$	T2 $ms V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	32.6	242.63	35.35	11.26	0.83	5.05	0.00	0.40	1.01
y	42.1	310.63	34.66	20.47	0.41	5.10	0.63	0.35	1.01
z	33.1	244.60	34.83	10.69	0.82	5.04	0.63	0.33	1.01

Other Probe Parameters

Sensor Arrangement	triangular
Connector Angle	156.7°
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, etc.

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EX3DV4 - SN:3697

April 13, 2023

Parameters of Probe: EX3DV4 - SN:3697**Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) ^C	Relative Permittivity ^B	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^D	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	9.36	9.36	9.36	0.56	0.80	±12.0%
850	41.5	0.92	8.82	8.82	8.82	0.41	0.96	±12.0%
900	41.5	0.97	8.71	8.71	8.71	0.36	1.04	±12.0%
1750	40.1	1.37	7.97	7.97	7.97	0.38	0.86	±12.0%
1900	40.0	1.40	7.59	7.59	7.59	0.38	0.86	±12.0%
2300	39.6	1.67	7.44	7.44	7.44	0.39	0.90	±12.0%
2450	39.2	1.80	7.20	7.20	7.20	0.38	0.90	±12.0%
2600	39.0	1.96	6.95	6.95	6.95	0.36	0.90	±12.0%
5250	35.9	4.71	4.80	4.80	4.80	0.40	1.80	±14.0%
5600	35.5	5.07	4.46	4.46	4.46	0.40	1.80	±14.0%
5900	35.3	5.27	4.44	4.44	4.44	0.40	1.80	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2); also 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, 60 and 70 MHz for ConvF assessments at 30, 64, 128, 193 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–8 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

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

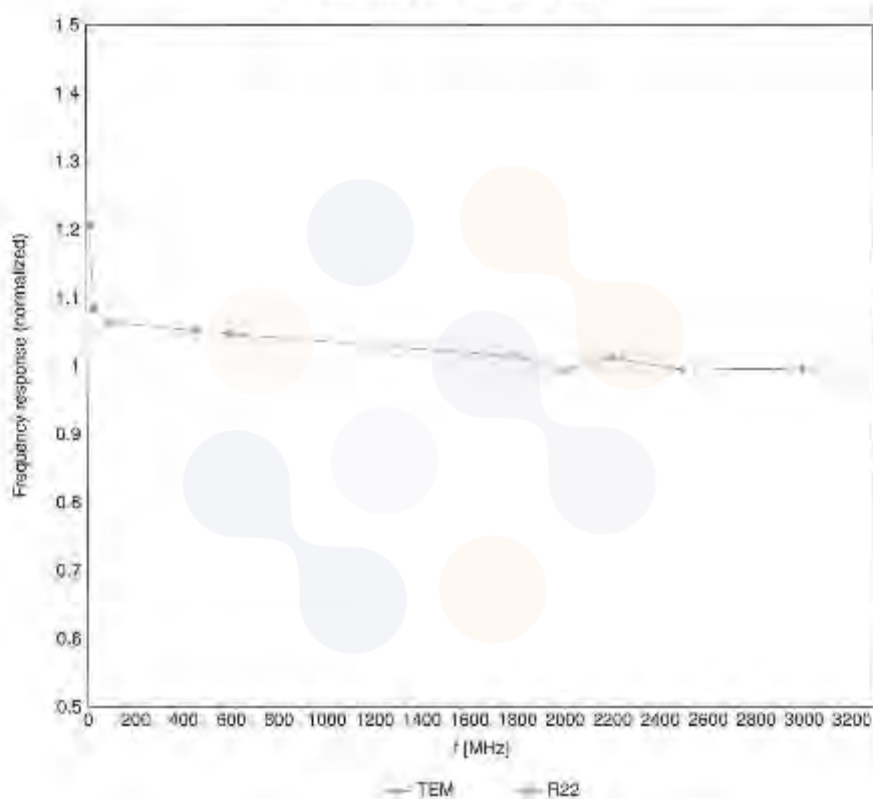
^G Alpha/Depth are determined during calibration. SPICAO warns that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the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

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Frequency Response of E-Field

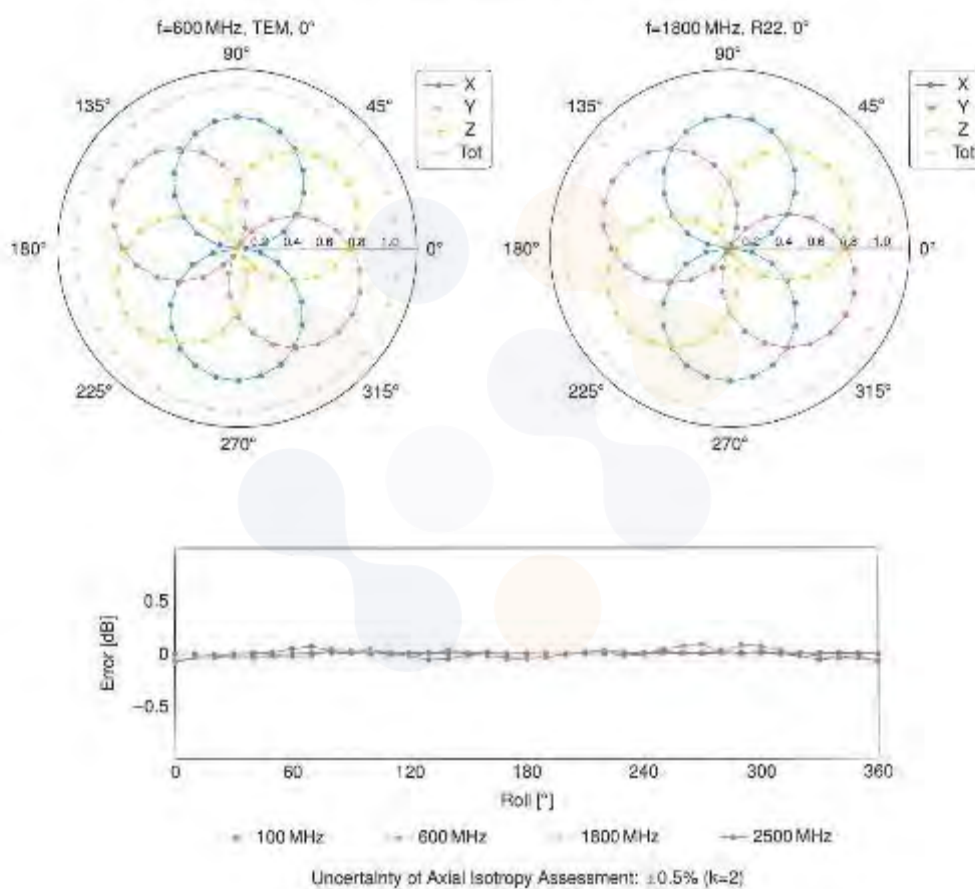
(TEM-Cell:rfi110 EXX, Waveguide:R22)



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

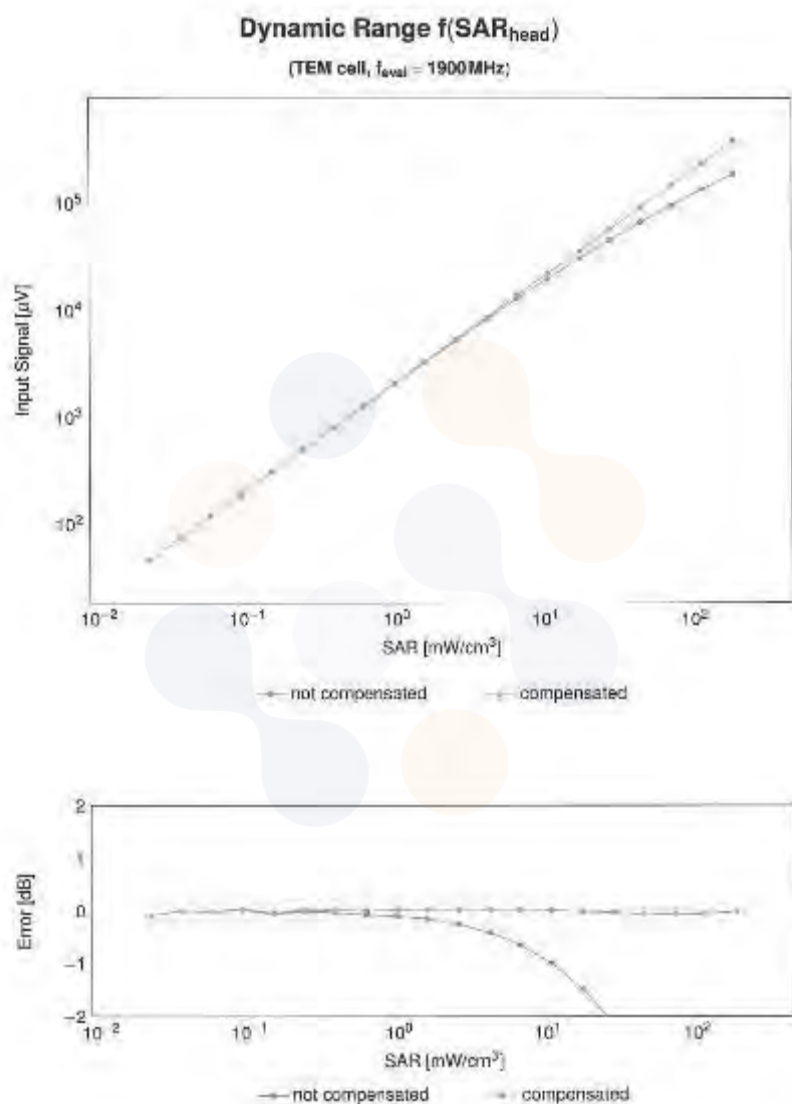
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Receiving Pattern (ϕ), $\theta = 0^\circ$ 

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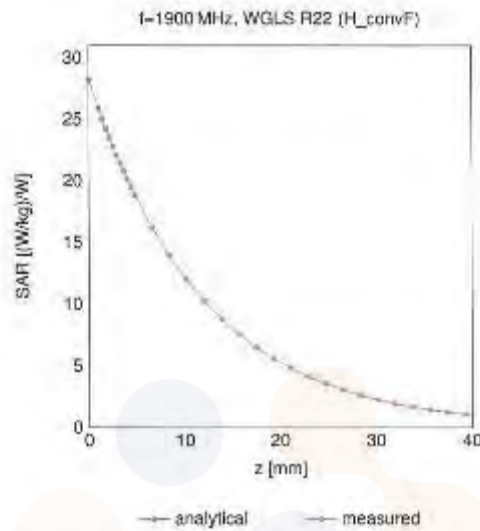


Uncertainty of Linearity Assessment: ±0.6% (k=2)

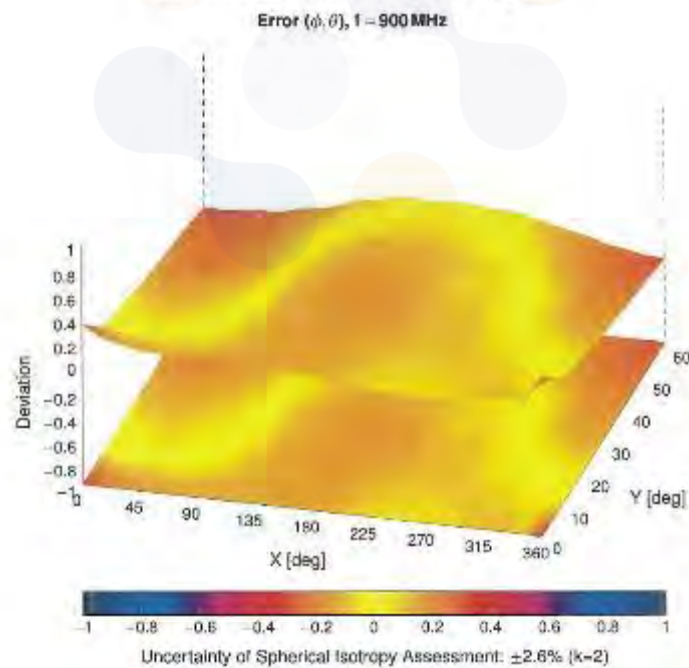
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ k = 2
0		CW	CW	0.00	±4.0
10010	CAB	SAR Validation (Square, 100 mA, 10 ms)	Test	10.00	±3.5
10011	CAC	UMTS FDD (WCDMA)	WCDMA	2.91	±3.5
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±3.5
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	3.46	±3.5
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	3.30	±3.5
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	3.57	±3.5
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	3.56	±3.5
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±3.5
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±3.5
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.00	±3.5
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±3.5
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±3.5
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	0.30	±3.5
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±3.5
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±3.5
10033	CAA	IEEE 802.15.1 Bluetooth (PI4-QPSK, DH1)	Bluetooth	7.74	±3.5
10034	CAA	IEEE 802.15.1 Bluetooth (PI4-QPSK, DH3)	Bluetooth	-4.53	±3.5
10035	CAA	IEEE 802.15.1 Bluetooth (PI4-QPSK, DH5)	Bluetooth	3.33	±3.5
10036	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH1)	Bluetooth	3.01	±3.5
10037	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH3)	Bluetooth	-4.77	±3.5
10038	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH5)	Bluetooth	4.13	±3.5
10039	CAE	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±3.5
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI4-QPSK, Fullrate)	AMPS	7.78	±3.5
10044	CAA	IS-97/TIA/EIA-553 FDD (TDMA, FM)	AMPS	0.00	±3.5
10048	CAH	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±3.5
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±3.5
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±3.5
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±3.5
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.72	±3.5
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.80	±3.5
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	-3.60	±3.5
10062	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±3.5
10063	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±3.5
10064	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.03	±3.5
10065	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±3.5
10066	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±3.5
10067	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±3.5
10068	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±3.5
10069	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.58	±3.5
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps)	WLAN	9.93	±3.5
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps)	WLAN	5.62	±3.5
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps)	WLAN	9.94	±3.5
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps)	WLAN	10.50	±3.5
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps)	WLAN	10.77	±3.5
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps)	WLAN	10.94	±3.5
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps)	WLAN	11.00	±3.5
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±3.5
10082	CAD	IS-54 / IS-136 FDD (TDMA/FDM, PI4-QPSK, Fullrate)	AMPS	4.77	±3.5
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	3.56	±3.5
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.38	±3.5
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.38	±3.5
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±3.5
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±3.5
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±3.5
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±3.5
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	5.29	±3.5
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	5.97	±3.5
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.07	±3.5
10106	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.60	±3.5
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±3.5
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.73	±3.5
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	5.44	±3.5

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April 13, 2023

OID	Rev	Communication System Name	Group	PAR (dB)	Unc ² A = 2
10112	DAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	8.59	±9.3
10113	DAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	8.82	±9.3
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.3
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.3
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.3
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.3
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.3
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.12	±9.3
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.3
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.58	±9.3
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	±9.3
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.3
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.85	±9.3
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.3
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.3
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.3
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	±9.3
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.80	±9.3
10151	DAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.3
10152	DAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.52	±9.3
10153	DAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.3
10154	DAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	6.75	±9.3
10155	DAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.3
10156	DAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.78	±9.3
10157	DAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.3
10158	DAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.82	±9.3
10159	DAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.66	±9.3
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.3
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.3
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.3
10163	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.48	±9.3
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.3
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.73	±9.3
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.3
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.3
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.3
10172	DAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.3
10173	DAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.3
10174	DAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.3
10175	DAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.3
10176	DAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.32	±9.3
10177	DAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.3
10178	DAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.3
10179	DAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.3
10180	DAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.3
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.3
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.3
10183	AAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.3
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.75	±9.3
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.3
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.3
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.3
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.3
10189	AVG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.56	±9.3
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.3
10194	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.12	±9.3
10195	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 64-QAM)	WLAN	8.21	±9.3
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.3
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.3
10198	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 64-QAM)	WLAN	8.27	±9.3
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.3
10220	CAD	IEEE 802.11n (HT Mixed, 43.8 Mbps, 16-QAM)	WLAN	8.13	±9.3
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.3
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.3
10223	CAD	IEEE 802.11n (HT Mixed, 80 Mbps, 16-QAM)	WLAN	8.08	±9.3
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.3

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Report No.:
KR23-SPF0039-A
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**KCTL**

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UID	Rev	Communication System Name	Group	PAR [dB]	Unc ¹ K = 2
10225	CAC	UMTS-FDD (HSRPA)	WCDMA	5.97	+9.8
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	3.49	+9.8
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	+9.8
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	3.48	+9.8
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.18	+9.8
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	+9.8
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	+9.8
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	+9.8
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	+9.8
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	+9.8
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	+9.8
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.62	+9.8
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.66	+9.8
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	+9.8
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	+9.8
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	+9.8
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	+9.8
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	+9.8
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	+9.8
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	+9.8
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	+9.8
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	+9.8
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.29	+9.8
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.80	+9.8
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	+9.8
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	+9.8
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.86	+9.8
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	+9.8
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.24	+9.8
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	+9.8
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	+9.8
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	+9.8
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	+9.8
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	+9.8
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	+9.8
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	+9.8
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.27	+9.8
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	+9.8
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.35	+9.8
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	+9.8
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	+9.8
10271	CAC	UMTS-FDD (HSUPA, Subset 5, 3GPP Rel. 10)	WCDMA	4.87	+9.8
10272	CAC	UMTS-FDD (HSUPA, Subset 5, 2GPP Rel. 4)	WCDMA	3.86	+9.8
10273	CAH	PHS (QPSK, BW 384 MHz, Roll-off 0.5)	PHS	11.81	+9.8
10274	CAH	PHS (QPSK, BW 384 MHz, Roll-off 0.38)	PHS	12.18	+9.8
10290	AAB	CDMA2000, RC1, SOSS, Full Rate	CDMA2000	9.91	+9.8
10291	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	9.46	+9.8
10292	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	9.38	+9.8
10293	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	9.50	+9.8
10294	AAB	CDMA2000, RC3, SOSS, Full Rate 2B Ir	CDMA2000	12.48	+9.8
10295	AAB	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	9.81	+9.8
10296	AAB	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	9.72	+9.8
10297	AAB	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	9.39	+9.8
10298	AAB	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	9.80	+9.8
10301	AAA	IEEE 802.16e WMAX (29.16, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	+9.8
10302	AAA	IEEE 802.16e WMAX (29.16, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	+9.8
10303	AAA	IEEE 802.16e WMAX (31.15, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	+9.8
10304	AAA	IEEE 802.16e WMAX (29.16, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.88	+9.8
10305	AAA	IEEE 802.16e WMAX (31.15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	+9.8
10306	AAA	IEEE 802.16e WMAX (29.16, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	14.67	+9.8

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10307	AAA	IEEE 802.16e WIMAX (20:18, 10 ms, 10 MHz, QPSK, PUSC, 10 symbols)	WIMAX	-14.48	±9.6
10308	AAA	IEEE 802.16e WIMAX (20:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	-14.48	±9.6
10309	AAA	IEEE 802.16e WIMAX (20:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 10 symbols)	WIMAX	-14.50	±9.6
10310	AAA	IEEE 802.16e WIMAX (20:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 10 symbols)	WIMAX	-14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 1.5 MHz, QPSK)	LTE-FDD	-0.06	±9.6
10312	AAA	IDEN 1.3	IDEN	-10.4	±9.6
10314	AAA	IDEN 1.6	IDEN	-12.48	±9.6
10315	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	-1.7	±9.6
10316	AAE	IEEE 802.11g WiFi 2.4 GHz (ERP OFDM, 6 Mbps, 99pc duty cycle)	WLAN	-2.36	±9.6
10317	AAE	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	-2.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	-10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	-9.20	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	-9.36	±9.6
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	-2.22	±9.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	-3.97	±9.6
10367	AAA	QPSK Waveform, 1 MHz	Generic	-5.13	±9.6
10368	AAA	QPSK Waveform, 10 MHz	Generic	-6.22	±9.6
10369	AAA	64-QAM Waveform, 100 MHz	Generic	-6.27	±9.6
10369	AAA	64-QAM Waveform, 40 MHz	Generic	-6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	-8.37	±9.6
10401	AAE	IEEE 802.11ac WiFi (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	-8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	-8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	-3.76	±9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	-3.77	±9.6
10408	AAB	CDMA2000, R3, 3.125 MHz, Full Rate	CDMA2000	-6.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Comb=1)	LTE-TDD	-7.82	±9.6
10414	AAA	WLAN CDDT, 64-QAM, 40 MHz	Generic	-8.64	±9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	-1.64	±9.6
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP OFDM, 6 Mbps, 99pc duty cycle)	WLAN	-2.29	±9.6
10417	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 8 Mbps, 99pc duty cycle)	WLAN	-8.25	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 99pc duty cycle, long preamble)	WLAN	-8.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 99pc duty cycle, short preamble)	WLAN	-8.19	±9.6
10422	AAC	IEEE 802.11n HT Greenfield, 7.2 Mbps, 3PSK	WLAN	-9.32	±9.6
10423	AAC	IEEE 802.11n HT Greenfield, 14.4 Mbps, 16-QAM	WLAN	-8.47	±9.6
10424	AAC	IEEE 802.11n HT Greenfield, 28.8 Mbps, 64-QAM	WLAN	-8.43	±9.6
10425	AAC	IEEE 802.11n HT Greenfield, 57.6 Mbps, 256-QAM	WLAN	-8.41	±9.6
10425	AAC	IEEE 802.11n HT Greenfield, 57.6 Mbps, 16-QAM	WLAN	-8.45	±9.6
10427	AAC	IEEE 802.11n HT Greenfield, 150 Mbps, 64-QAM	WLAN	-8.41	±9.6
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	-8.38	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	-8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	-8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	-8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCCH)	WCDMA	-6.00	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	-7.66	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	-7.58	±9.6
10448	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 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-CDMA (BS Test Model 1, 64 DPCCH, Clipping 44%)	WCDMA	-7.50	±9.6
10463	AAE	Validation (Square, 10 ms, 1 ms)	Test	-10.00	±9.6
10466	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	-8.63	±9.6
10467	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	-6.62	±9.6
10468	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	-6.55	±9.6
10469	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	-6.25	±9.6
10470	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	-2.39	±9.6
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.30	±9.6
10473	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.68	±9.6
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10475	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.32	±9.6
10476	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.67	±9.6
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.30	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.66	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.32	±9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² # = 2
10472	AA5	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.6
10473	AA5	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.92	+9.6
10474	AA5	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.6
10475	AA5	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.6
10477	AA3	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.6
10478	AA3	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.6
10479	AA3	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10480	AA3	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	+9.6
10481	AA3	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	+9.6
10482	AA3	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	+9.6
10483	AA3	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	+9.6
10484	AA3	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	+9.6
10485	AA3	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	+9.6
10486	AA3	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	+9.6
10487	AA3	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	+9.6
10488	AA3	LTE-TDD (SC-FDMA, 60% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	+9.6
10489	AA3	LTE-TDD (SC-FDMA, 60% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	+9.6
10490	AA3	LTE-TDD (SC-FDMA, 60% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	+9.6
10491	AA5	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10492	AA5	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	+9.6
10493	AA5	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	+9.6
10494	AA5	LTE-TDD (SC-FDMA, 60% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.78	+9.6
10495	AA3	LTE-TDD (SC-FDMA, 60% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	+9.6
10496	AA3	LTE-TDD (SC-FDMA, 60% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.64	+9.6
10497	AA3	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	+9.6
10498	AA3	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	+9.6
10499	AA3	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	+9.6
10500	AA3	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	+9.6
10501	AA3	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	+9.6
10502	AA3	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.62	+9.6
10503	AA3	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.78	+9.6
10504	AA3	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	+9.6
10505	AA3	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	+9.6
10506	AA3	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10507	AA3	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	+9.6
10508	AA3	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	+9.6
10509	AA5	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.93	+9.6
10510	AA5	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	+9.6
10511	AA5	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	+9.6
10512	AA3	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10513	AA3	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	+9.6
10514	AA3	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	+9.6
10515	AA5	IEEE 802.11a WiFi 2.4GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.08	+9.6
10516	AA5	IEEE 802.11a WiFi 2.4GHz (DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.57	+9.6
10517	AA5	IEEE 802.11a WiFi 2.4GHz (DSSS, 11Mbps, 99pc duty cycle)	WLAN	1.58	+9.6
10518	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 9Mbps, 99pc duty cycle)	WLAN	6.25	+9.6
10519	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps, 99pc duty cycle)	WLAN	6.35	+9.6
10520	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps, 99pc duty cycle)	WLAN	6.15	+9.6
10521	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps, 99pc duty cycle)	WLAN	7.97	+9.6
10522	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.45	+9.6
10523	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps, 99pc duty cycle)	WLAN	8.05	+9.6
10524	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps, 99pc duty cycle)	WLAN	8.27	+9.6
10525	AA3	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.35	+9.6
10526	AA3	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	+9.6
10527	AA3	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	+9.6
10528	AA3	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.35	+9.6
10529	AA3	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.35	+9.6
10530	AA3	IEEE 802.11ac WiFi (20MHz, MCS5, 99pc duty cycle)	WLAN	8.43	+9.6
10531	AA3	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.20	+9.6
10532	AA3	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.20	+9.6
10533	AA3	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	+9.6
10534	AA3	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	8.45	+9.6
10535	AA3	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	+9.6
10536	AA3	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	8.22	+9.6
10537	AA3	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	+9.6
10538	AA3	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	8.54	+9.6
10540	AA3	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.50	+9.6

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UID	Rev	Communication System Name	Group	PAR (dB)	UncF _{k=2}
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 80ps duty cycle)	WLAN	8.46	-1.8
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.65	-1.8
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.65	-1.8
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 80ps duty cycle)	WLAN	8.47	-1.8
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 80ps duty cycle)	WLAN	8.56	-1.8
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 80ps duty cycle)	WLAN	8.25	-1.8
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS3, 80ps duty cycle)	WLAN	8.40	-1.8
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 80ps duty cycle)	WLAN	8.37	-1.8
10549	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 80ps duty cycle)	WLAN	8.35	-1.8
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS6, 80ps duty cycle)	WLAN	8.50	-1.8
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS7, 80ps duty cycle)	WLAN	8.42	-1.8
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 80ps duty cycle)	WLAN	8.45	-1.8
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 80ps duty cycle)	WLAN	8.45	-1.8
10554	AAC	IEEE 802.11ac WiFi (160 MHz, MCS0, 80ps duty cycle)	WLAN	8.45	-1.8
10555	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 80ps duty cycle)	WLAN	8.47	-1.8
10556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 80ps duty cycle)	WLAN	8.50	-1.8
10557	AAC	IEEE 802.11ac WiFi (160 MHz, MCS3, 80ps duty cycle)	WLAN	8.52	-1.8
10558	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 80ps duty cycle)	WLAN	8.51	-1.8
10559	AAC	IEEE 802.11ac WiFi (160 MHz, MCS5, 80ps duty cycle)	WLAN	8.73	-1.8
10560	AAC	IEEE 802.11ac WiFi (160 MHz, MCS6, 80ps duty cycle)	WLAN	8.58	-1.8
10561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 80ps duty cycle)	WLAN	8.58	-1.8
10562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS8, 80ps duty cycle)	WLAN	8.59	-1.8
10563	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 80ps duty cycle)	WLAN	8.77	-1.8
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 80ps duty cycle)	WLAN	8.25	-1.8
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 80ps duty cycle)	WLAN	8.45	-1.8
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 80ps duty cycle)	WLAN	8.18	-1.8
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 80ps duty cycle)	WLAN	8.00	-1.8
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 80ps duty cycle)	WLAN	8.57	-1.8
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 80ps duty cycle)	WLAN	8.71	-1.8
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 80ps duty cycle)	WLAN	8.30	-1.8
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 80ps duty cycle)	WLAN	7.55	-1.8
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 80ps duty cycle)	WLAN	7.55	-1.8
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 3 Mbps, 80ps duty cycle)	WLAN	7.95	-1.8
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 4 Mbps, 80ps duty cycle)	WLAN	7.55	-1.8
10575	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 80ps duty cycle)	WLAN	8.09	-1.8
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 80ps duty cycle)	WLAN	8.50	-1.8
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 80ps duty cycle)	WLAN	8.70	-1.8
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 80ps duty cycle)	WLAN	8.40	-1.8
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 80ps duty cycle)	WLAN	8.38	-1.8
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 80ps duty cycle)	WLAN	8.78	-1.8
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 80ps duty cycle)	WLAN	8.35	-1.8
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 80ps duty cycle)	WLAN	8.67	-1.8
10583	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 6 Mbps, 80ps duty cycle)	WLAN	8.69	-1.8
10584	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 9 Mbps, 80ps duty cycle)	WLAN	8.60	-1.8
10585	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps, 80ps duty cycle)	WLAN	8.70	-1.8
10586	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps, 80ps duty cycle)	WLAN	8.49	-1.8
10587	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps, 80ps duty cycle)	WLAN	8.58	-1.8
10588	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps, 80ps duty cycle)	WLAN	8.75	-1.8
10589	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps, 80ps duty cycle)	WLAN	8.35	-1.8
10590	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps, 80ps duty cycle)	WLAN	8.67	-1.8
10591	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS0, 80ps duty cycle)	WLAN	8.63	-1.8
10592	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS1, 80ps duty cycle)	WLAN	8.79	-1.8
10593	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS2, 80ps duty cycle)	WLAN	8.54	-1.8
10594	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS3, 80ps duty cycle)	WLAN	8.74	-1.8
10595	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS4, 80ps duty cycle)	WLAN	8.74	-1.8
10596	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS5, 80ps duty cycle)	WLAN	8.71	-1.8
10597	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS6, 80ps duty cycle)	WLAN	8.72	-1.8
10598	AAC	IEEE 802.11n HT Mixed, 20 MHz, MCS7, 80ps duty cycle)	WLAN	8.50	-1.8
10599	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS0, 80ps duty cycle)	WLAN	8.79	-1.8
10600	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS1, 80ps duty cycle)	WLAN	8.88	-1.8
10601	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS2, 80ps duty cycle)	WLAN	8.83	-1.8
10602	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS3, 80ps duty cycle)	WLAN	8.84	-1.8
10603	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS4, 80ps duty cycle)	WLAN	8.83	-1.8
10604	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS5, 80ps duty cycle)	WLAN	8.75	-1.8
10605	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS6, 80ps duty cycle)	WLAN	8.97	-1.8
10606	AAC	IEEE 802.11n HT Mixed, 40 MHz, MCS7, 80ps duty cycle)	WLAN	8.82	-1.8
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 80ps duty cycle)	WLAN	8.64	-1.8
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 80ps duty cycle)	WLAN	8.77	-1.8

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10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.89	±9.6
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±9.6
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.85	±9.6
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±9.6
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.93	±9.6
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.89	±9.6
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.85	±9.6
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.78	±9.6
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.93	±9.6
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	9.05	±9.6
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	9.05	±9.6
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.99	±9.6
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAB	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.90	±9.6
10647	AAB	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.90	±9.6
10648	AAB	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAB	LTE-TDD (OFDMA, 5MHz, E-PM3.1, Clipping 44%)	LTE-TDD	8.51	±9.6
10653	AAB	LTE-TDD (OFDMA, 10MHz, E-PM3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAB	LTE-TDD (OFDMA, 15MHz, E-PM3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAB	LTE-TDD (OFDMA, 20MHz, E-PM3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	9.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.95	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.37	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.13	±9.6
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20MHz, 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	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.79	±9.6
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.80	±9.6
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.85	±9.6
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.33	±9.6
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.28	±9.6

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10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	+9.6
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)	WLAN	8.28	+9.6
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	+9.6
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	+9.6
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	8.25	+9.6
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	+9.6
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)	WLAN	8.25	+9.6
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	+9.6
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle)	WLAN	8.76	+9.6
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle)	WLAN	8.91	+9.6
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle)	WLAN	8.61	+9.6
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle)	WLAN	8.89	+9.6
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle)	WLAN	8.82	+9.6
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle)	WLAN	8.73	+9.6
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle)	WLAN	8.86	+9.6
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)	WLAN	8.70	+9.6
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle)	WLAN	8.82	+9.6
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle)	WLAN	8.58	+9.6
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle)	WLAN	8.69	+9.6
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle)	WLAN	8.88	+9.6
10707	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.32	+9.6
10708	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.55	+9.6
10709	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.38	+9.6
10710	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.29	+9.6
10711	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.29	+9.6
10712	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.87	+9.6
10713	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.33	+9.6
10714	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.35	+9.6
10715	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.45	+9.6
10716	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.30	+9.6
10717	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.19	+9.6
10718	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.24	+9.6
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)	WLAN	8.81	+9.6
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc duty cycle)	WLAN	8.87	+9.6
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle)	WLAN	8.76	+9.6
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle)	WLAN	8.55	+9.6
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle)	WLAN	8.70	+9.6
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle)	WLAN	8.50	+9.6
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	+9.6
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle)	WLAN	8.72	+9.6
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle)	WLAN	8.05	+9.6
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.65	+9.6
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.34	+9.6
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)	WLAN	8.57	+9.6
10731	AAC	IEEE 802.11ax (90MHz, MCS0, 99pc duty cycle)	WLAN	8.42	+9.6
10732	AAC	IEEE 802.11ax (90MHz, MCS1, 99pc duty cycle)	WLAN	8.18	+9.6
10733	AAC	IEEE 802.11ax (90MHz, MCS2, 99pc duty cycle)	WLAN	8.10	+9.6
10734	AAC	IEEE 802.11ax (90MHz, MCS3, 99pc duty cycle)	WLAN	8.25	+9.6
10735	AAC	IEEE 802.11ax (90MHz, MCS4, 99pc duty cycle)	WLAN	8.39	+9.6
10736	AAC	IEEE 802.11ax (90MHz, MCS5, 99pc duty cycle)	WLAN	8.27	+9.6
10737	AAC	IEEE 802.11ax (90MHz, MCS6, 99pc duty cycle)	WLAN	8.26	+9.6
10738	AAC	IEEE 802.11ax (90MHz, MCS7, 99pc duty cycle)	WLAN	8.42	+9.6
10739	AAC	IEEE 802.11ax (90MHz, MCS8, 99pc duty cycle)	WLAN	8.29	+9.6
10740	AAC	IEEE 802.11ax (90MHz, MCS9, 99pc duty cycle)	WLAN	8.18	+9.6
10741	AAC	IEEE 802.11ax (90MHz, MCS10, 99pc duty cycle)	WLAN	8.10	+9.6
10742	AAC	IEEE 802.11ax (90MHz, MCS11, 99pc duty cycle)	WLAN	8.43	+9.6
10743	AAC	IEEE 802.11ax (100MHz, MCS0, 90pc duty cycle)	WLAN	8.34	+9.6
10744	AAC	IEEE 802.11ax (100MHz, MCS1, 90pc duty cycle)	WLAN	8.16	+9.6
10745	AAC	IEEE 802.11ax (100MHz, MCS2, 90pc duty cycle)	WLAN	8.33	+9.6
10746	AAC	IEEE 802.11ax (100MHz, MCS3, 90pc duty cycle)	WLAN	8.11	+9.6
10747	AAC	IEEE 802.11ax (100MHz, MCS4, 90pc duty cycle)	WLAN	8.24	+9.6
10748	AAC	IEEE 802.11ax (100MHz, MCS5, 90pc duty cycle)	WLAN	8.83	+9.6
10749	AAC	IEEE 802.11ax (100MHz, MCS6, 90pc duty cycle)	WLAN	8.30	+9.6
10750	AAC	IEEE 802.11ax (100MHz, MCS7, 90pc duty cycle)	WLAN	8.75	+9.6
10751	AAC	IEEE 802.11ax (100MHz, MCS8, 90pc duty cycle)	WLAN	8.82	+9.6
10752	AAC	IEEE 802.11ax (100MHz, MCS9, 90pc duty cycle)	WLAN	8.81	+9.6

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10752	AAC	IEEE 802.11ax (160MHz, MCS10, 80ps duty cycle)	WLAN	8.00	±0.6
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.04	±0.6
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 80ps duty cycle)	WLAN	8.69	±0.6
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 80ps duty cycle)	WLAN	8.77	±0.6
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 80ps duty cycle)	WLAN	8.77	±0.6
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 80ps duty cycle)	WLAN	8.69	±0.6
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 80ps duty cycle)	WLAN	8.69	±0.6
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 80ps duty cycle)	WLAN	8.49	±0.6
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 80ps duty cycle)	WLAN	8.58	±0.6
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 80ps duty cycle)	WLAN	8.49	±0.6
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 80ps duty cycle)	WLAN	8.53	±0.6
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.54	±0.6
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 80ps duty cycle)	WLAN	8.54	±0.6
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.51	±0.6
10767	AAD	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.59	±0.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±0.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±0.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.06	±0.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	±0.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.06	±0.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±0.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	±0.6
10777	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	±0.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.34	±0.6
10779	AAD	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.42	±0.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±0.6
10783	AAD	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±0.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	±0.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.40	±0.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±0.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.44	±0.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±0.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.37	±0.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±0.6
10791	AAD	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.63	±0.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.92	±0.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.95	±0.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±0.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.84	±0.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±0.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.01	±0.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	±0.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	±0.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.80	±0.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.87	±0.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	±0.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.36	±0.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.37	±0.6
10808	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.24	±0.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.24	±0.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±0.6
10817	AAD	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.25	±0.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.32	±0.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.20	±0.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.47	±0.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.36	±0.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.30	±0.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.42	±0.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.43	±0.6

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10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	-0.3
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.63	0.3
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.73	0.5
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.74	-0.5
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-0.8
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.75	-0.5
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-0.8
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.66	-0.8
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.68	-0.6
10838	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-0.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.67	-0.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.71	-0.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	-0.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-0.6
10848	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-0.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-0.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	-0.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	-0.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	-0.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	-0.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-0.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.47	-0.5
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	-0.5
10862	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-0.3
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	-0.3
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-0.3
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.8
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.69	-0.8
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	-0.8
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.69	-0.8
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	-0.6
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.62	-0.6
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.61	-0.6
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	-0.6
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	-0.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	-0.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.85	-0.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	-0.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	-0.6
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	-0.6
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	-0.6
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.66	-0.6
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.67	-0.6
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	-0.5
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	-0.6
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	-0.6
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	-0.6
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	-0.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.32	-0.6
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	-0.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	-0.6
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	-0.6
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	-0.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	-0.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	-0.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	-0.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	-0.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	-0.6

Eurofins KCTL Co.,Ltd.

65, Sinwon-ro, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 16677, Korea
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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² A = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.5
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.5
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.5
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±0.5
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±0.5
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.97	±0.5
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.5
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±0.5
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±0.5
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±0.5
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±0.5
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±0.5
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.5
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.5
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.5
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.5
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.5
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.5
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.5
10935	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.5
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.50	±0.5
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±0.5
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.80	±0.5
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±0.5
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.80	±0.5
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.5
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.5
10943	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.5
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.5
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.55	±0.5
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.53	±0.5
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.57	±0.5
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.54	±0.5
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.57	±0.5
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.54	±0.5
10951	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.5
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	±0.5
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±0.5
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±0.5
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.48	±0.5
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±0.5
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±0.5
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±0.5
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±0.5
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.32	±0.5
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.35	±0.5
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.40	±0.5
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.55	±0.5
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	8.29	±0.5
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	8.37	±0.5
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	8.55	±0.5
10967	AAC	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	8.42	±0.5
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±0.5
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.58	±0.5
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.08	±0.5
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±0.5
10978	AAA	ULLA HDR	ULLA	11.6	±0.5
10979	AAA	ULLA HDR4	ULLA	8.58	±0.5
10980	AAA	ULLA HDR8	ULLA	10.35	±0.5
10981	AAA	ULLA HDRp4	ULLA	3.19	±0.5
10982	AAA	ULLA HDRp8	ULLA	3.43	±0.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10993	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±0.6
10994	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±0.6
10995	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±0.6
10996	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±0.6
10997	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±0.6
10998	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.39	±0.6
10999	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±0.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±0.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.24	±0.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.73	±0.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±0.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±0.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.48	±0.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.57	±0.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.78	±0.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±0.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.80	±0.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.68	±0.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±0.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±0.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±0.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±0.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±0.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±0.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±0.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±0.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±0.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.38	±0.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.33	±0.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±0.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.57	±0.6
11026	AAA	IEEE 802.11be (320 MHz, MCS14, 99pc duty cycle)	WLAN	8.38	±0.6

² Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

Appendix A.2 Probe Calibration certificate (EX3DV4 SN3865)

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 45, 8054 Zurich, Switzerland



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S 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 **Eurofins KCTL (Dymstec)**

Certificate No. **EX-3865_Jan23**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:3865**

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, 2023**

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

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03624)	Apr-23
Power sensor NRP-291	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
CCP DAK-3.5 (weighed)	SN: 1245	20-Oct-22 (CCP-DAK3 5-1245_Oct22)	Oct-23
CCP DAK-12	SN: 1016	20-Oct-22 (CCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CQ2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAE4	SN: 860	10-Oct-22 (No. DAE4-660_Oct22)	Oct-23
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4416B	SN: 0B41293874	06-Apr-16 (in house check Jun-22)	In house check Jun-24
Power sensor E4412A	SN: MY41486087	06-Apr-16 (in house check Jun-22)	In house check Jun-24
Power sensor E4412A	SN: 003110210	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	Jeanne Dineen	Laboratory Technician	
Approved by	Sven Kohn	Technical Manager	

Issued: January 25, 2023

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

Certificate No: EX-3865_Jan23

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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**

Glossary

TSL	tissue simulating liquid
NORM _{x,y,z}	sensitivity in free space
ConvF	sensitivity in TSL / NORM _{x,y,z}
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization ϕ	ϕ rotation around probe axis
Polarization θ	θ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ 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:

- IEC/IEEE 62209-1525, "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 1525: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}**: Assessed in E-field polarization $\theta = 0$ ($f \leq 800$ MHz in TEM-cell; $f > 800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM(f)_{x,y,z} = NORM_{x,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.
- DCP_{x,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.
- A_{x,y,z}, B_{x,y,z}, C_{x,y,z}, D_{x,y,z}, VR_{x,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 (for Temperature Transfer Standard for $f \leq 800$ MHz) and inside waveguide using analytical field distributions based on power measurement(s) 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 NORM_{x,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 NORM_x (no uncertainty required).

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**KCTL**

EX3DV4 - SN:3865

January 22, 2023

Parameters of Probe: EX3DV4 - SN:3865**Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.42	0.46	0.41	$\pm 0.1\%$
DCP (mV) ^B	97.0	102.0	100.0	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB μV	C	D dB	VR mV	Max dev.	Max Unc ^E k=2
0	CW	X	0.00	0.00	1.00	0.00	126.2	$\pm 3.0\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		114.5		
		Z	0.00	0.00	1.00		121.6		
10352	Pulse Waveform (200Hz, 10%)	X	19.42	55.36	19.27	0.00	50.0	$\pm 2.7\%$	$\pm 9.6\%$
		Y	1.58	60.71	6.15		60.0		
		Z	20.00	59.08	18.60		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	59.08	18.15	6.99	80.0	$\pm 2.3\%$	$\pm 9.6\%$
		Y	0.83	60.00	4.65		80.0		
		Z	20.00	59.82	18.54		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	58.11	16.06	3.98	95.0	$\pm 1.6\%$	$\pm 9.6\%$
		Y	72.00	74.00	7.00		95.0		
		Z	20.00	59.18	16.57		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	6.27	75.02	10.59	2.22	120.0	$\pm 1.2\%$	$\pm 9.6\%$
		Y	8.32	150.38	17.69		120.0		
		Z	19.74	54.16	12.91		120.0		
10387	QPSK Waveform, 1 MHz	X	1.00	65.32	14.32	1.00	150.0	$\pm 3.4\%$	$\pm 9.6\%$
		Y	0.44	62.25	11.08		150.0		
		Z	1.60	64.88	13.87		150.0		
10388	QPSK Waveform, 10 MHz	X	2.16	67.50	15.13	0.00	150.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	1.19	65.01	12.94		150.0		
		Z	2.03	66.72	14.75		150.0		
10399	64-QAM Waveform, 100 kHz	X	2.77	58.68	17.85	3.01	150.0	$\pm 0.8\%$	$\pm 9.6\%$
		Y	1.73	65.05	15.87		150.0		
		Z	2.69	66.69	17.77		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.47	66.95	15.55	0.00	150.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	2.71	66.08	14.79		150.0		
		Z	3.38	66.56	15.33		150.0		
10414	WLAN CCDF 64-QAM, 40 MHz	X	4.82	65.75	15.53	0.00	150.0	$\pm 4.6\%$	$\pm 9.6\%$
		Y	3.63	65.80	14.96		150.0		
		Z	4.80	65.45	15.36		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%.

^A The uncertainties of Norm X/Y/Z do not affect the L₁ field uncertainty inside TS (see Page 5).^B The calibration parameter uncertainty for maximum specified field strength.^E Uncertainty is determined using the maximum deviation from linear response applying rectangular distribution and is expressed for the square of the measured.

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**KCTL**

EX3DV4 - SN:3865

January 22, 2023

Parameters of Probe: EX3DV4 - SN:3865**Sensor Model Parameters**

	C1 IF	C2 IF	α V^{-1}	T1 msV^{-2}	T2 msV^{-1}	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	50.8	384.52	36.33	9.29	0.44	5.07	0.00	0.55	1.01
y	8.5	60.68	32.67	3.53	0.00	4.90	0.55	0.00	1.00
z	45.4	344.46	36.43	8.64	0.42	5.07	0.21	0.45	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-78.1°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	8 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 flat area only.

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EX3DV4 - SN:3865

January 22, 2023

Parameters of Probe: EX3DV4 - SN:3865**Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) ^a	Relative Permittivity ^b	Conductivity ^c (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^d	Depth ^e (mm)	Unc (k=2)
750	41.9	0.89	9.38	10.15	9.66	0.29	1.27	±12.0%
850	41.5	0.92	9.24	9.50	9.66	0.31	1.27	±12.0%
900	41.5	0.97	9.07	9.39	9.41	0.31	1.27	±12.0%
1750	40.1	1.37	8.38	8.84	8.67	0.24	1.27	±12.0%
1900	40.0	1.40	8.28	8.79	8.53	0.26	1.27	±12.0%
2900	39.5	1.67	7.64	7.85	7.94	0.27	1.27	±12.0%
2450	39.2	1.80	7.37	7.64	7.44	0.28	1.27	±12.0%
2600	39.0	1.96	7.22	7.64	7.61	0.28	1.27	±12.0%
5250	35.9	4.71	5.35	5.60	5.50	0.37	1.53	±14.0%
5500	35.5	5.07	4.70	4.88	4.91	0.42	1.67	±14.0%
5800	35.3	5.27	4.64	4.96	4.86	0.40	1.88	±14.0%

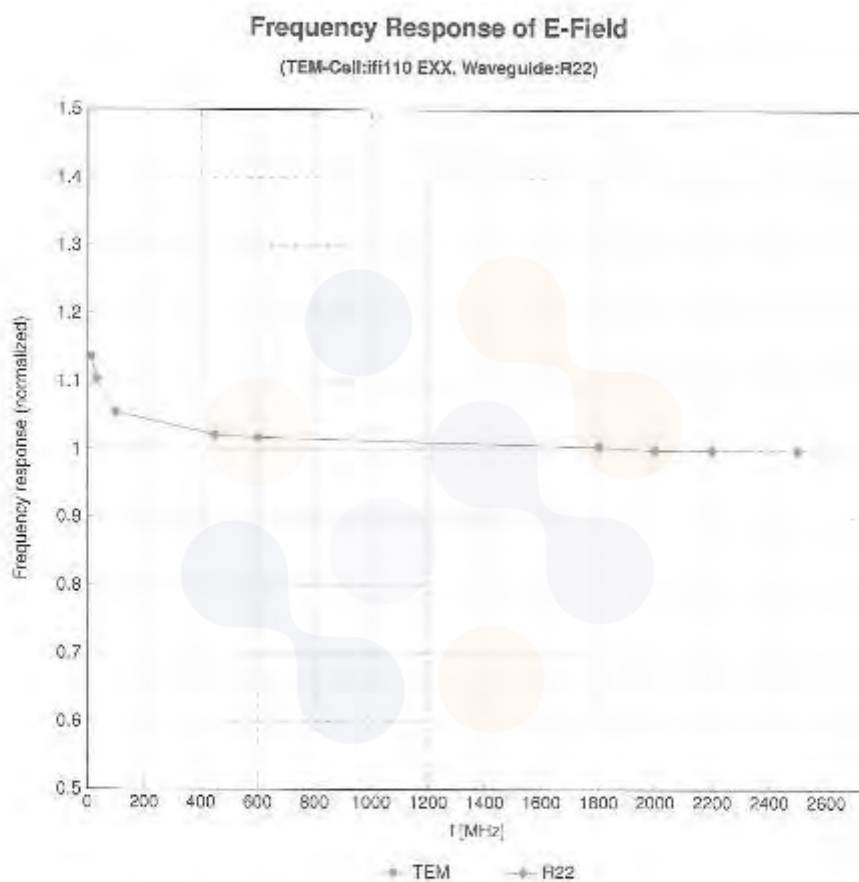
^a Frequency validity above 200 MHz or >100 MHz only applies to DASYLab 4 and higher (see Page 2), also it is restricted to 150 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is <10, 25, 40, 60 and 70 MHz for ConvF assessments at 30, 64, 128, 160 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-8 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to >110 MHz.

^b The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ' and σ by less than $\pm 5\%$ from the target values (typically better than $\pm 2\%$) and are valid for TSL with deviations of up to $\pm 10\%$. If TSL with deviations from the target of less than $\pm 5\%$ are used, the calibration uncertainty is $\pm 11.1\%$ for 0.7-3 GHz and $\pm 10.1\%$ for 3-6 GHz.

^c Alpha/Depth are determined during calibration. SRF40 value is ± 0.2 the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz and below $\pm 2\%$ for frequencies between 3-6 GHz at any distance larger than half the probe diameter from the boundary.

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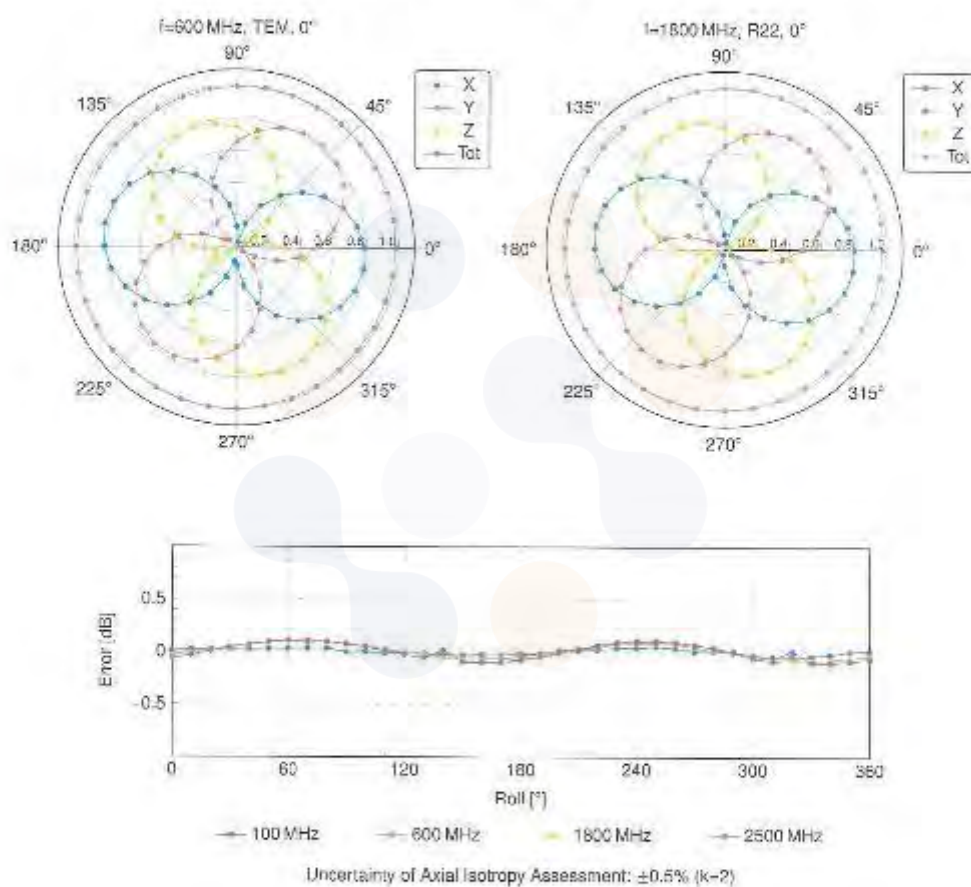


Uncertainty of Frequency Response of E-Field: $\pm 6.3\%$ ($k=2$)

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

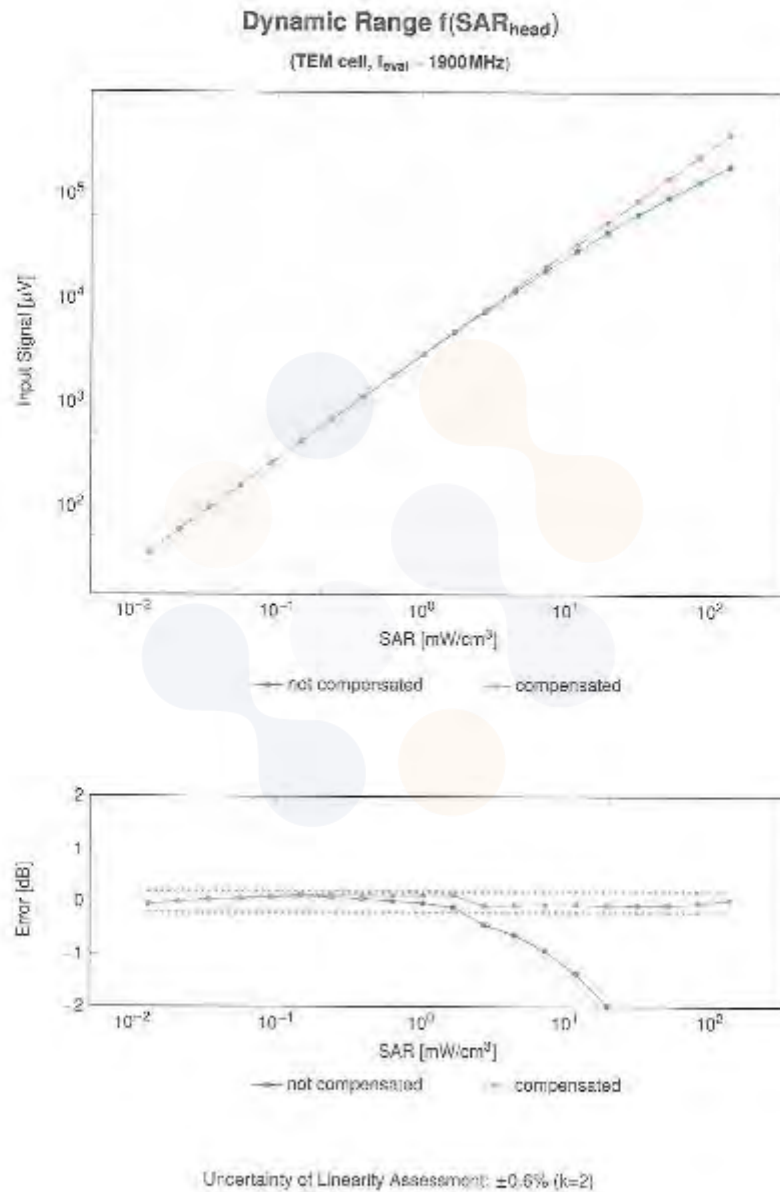


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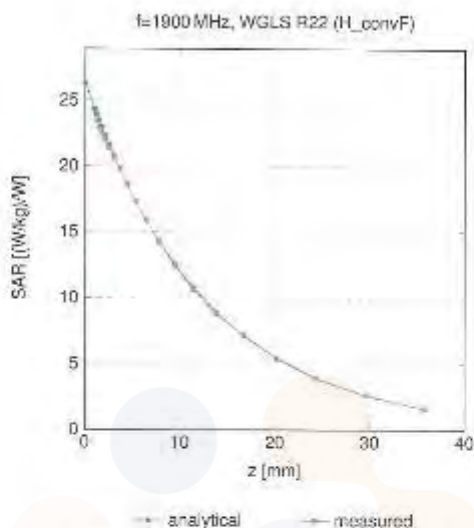
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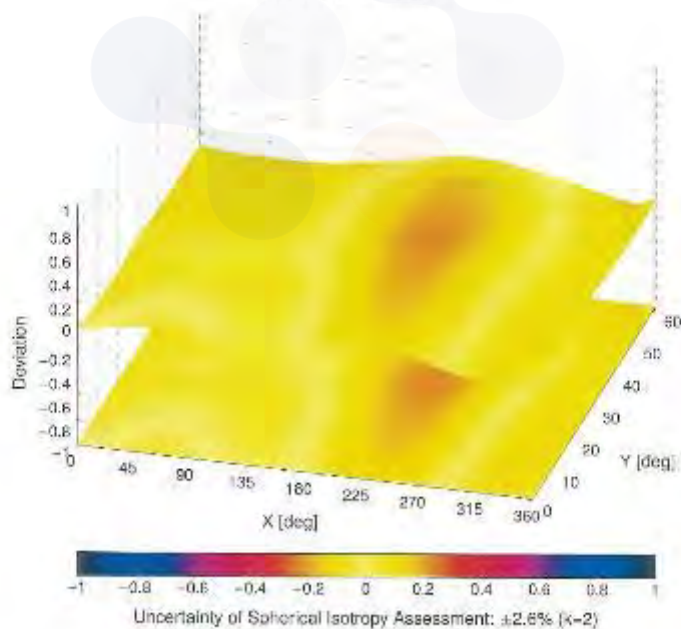
January 22, 2023

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ), $f = 900 \text{ MHz}$



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
n		CW		0.00	±4.7
10070	CAB	SAT Validation (Square, 100ms, 10ms)	Test	10.00	±8.8
10071	CAC	UMTS-FDD (WCDMA)	WCDMA	2.01	±9.8
10072	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps)	WLAN	1.87	±8.8
10073	CAD	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 3Mbps)	WLAN	9.48	±8.8
10074	DAC	GSM FDD (TDMA, GMSK)	GSM	9.29	±9.8
10075	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.8
10076	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	9.58	±9.8
10077	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.82	±9.8
10078	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.8
10079	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.90	±9.8
10080	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	7.55	±9.8
10081	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.8
10082	GAA	IEEE 802.15.1 Bluetooth (G-SK, DH1)	Bluetooth	5.30	±9.8
10083	GAA	IEEE 802.15.1 Bluetooth (G-SK, DH2)	Bluetooth	1.57	±9.8
10084	GAA	IEEE 802.15.1 Bluetooth (G-SK, DH3)	Bluetooth	1.15	±9.8
10085	GAA	IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH1)	Bluetooth	7.74	±9.8
10086	GAA	IEEE 802.15.1 Bluetooth (PI4-DQPSK, DH2)	Bluetooth	4.53	±9.8
10087	GAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH1)	Bluetooth	3.60	±9.8
10088	GAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH2)	Bluetooth	0.01	±9.8
10089	GAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH3)	Bluetooth	4.72	±9.8
10090	GAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH4)	Bluetooth	4.10	±9.8
10091	CAB	CDMA2000 (1xRTT, FDD)	CDMA2000	4.57	±9.8
10092	CAB	IS-94 / IS-136 FDD (TDMA/TDM, PI4-DQPSK, Fullrate)	AMPS	7.78	±9.8
10093	GAA	IS-94/IS-136 FDD (TDMA, FDD)	AMPS	0.00	±9.8
10094	GAA	DECT 1700, TDMA/TDM, GFSK, Full Slot 24	DECT	13.80	±9.8
10095	GAA	DECT 1700, TDMA/TDM, GFSK, Double Slot 1-2	DECT	10.79	±9.8
10096	GAA	UMTS-FDD (TD-SCDMA, 1.28Mbps)	TD-SCDMA	11.00	±9.8
10097	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	9.50	±9.8
10098	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 2Mbps)	WLAN	9.12	±9.8
10099	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps)	WLAN	9.29	±9.8
10100	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 11Mbps)	WLAN	9.40	±9.8
10101	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 3Mbps)	WLAN	9.88	±9.8
10102	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 6Mbps)	WLAN	9.83	±9.8
10103	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 12Mbps)	WLAN	9.09	±9.8
10104	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 18Mbps)	WLAN	9.00	±9.8
10105	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 24Mbps)	WLAN	9.30	±9.8
10106	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 30Mbps)	WLAN	10.12	±9.8
10107	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 48Mbps)	WLAN	11.24	±9.8
10108	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.56	±9.8
10109	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 9Mbps)	WLAN	9.83	±9.8
10110	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 12Mbps)	WLAN	9.62	±9.8
10111	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 18Mbps)	WLAN	9.34	±9.8
10112	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 24Mbps)	WLAN	10.30	±9.8
10113	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 36Mbps)	WLAN	10.72	±9.8
10114	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 48Mbps)	WLAN	10.84	±9.8
10115	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 54Mbps)	WLAN	11.00	±9.8
10116	CAB	CDMA2000 (1xRTT, FDD)	CDMA2000	3.97	±9.8
10117	CAB	IS-94 / IS-136 FDD (TDMA/TDM, PI4-DQPSK, Fullrate)	AMPS	4.77	±9.8
10118	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	9.56	±9.8
10119	CAC	UMTS-FDD (HSDPA)	WCDMA	3.99	±9.8
10120	CAC	UMTS-FDD (HSUPA, Subclass 2)	WCDMA	3.88	±9.8
10121	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.8
10122	CAB	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	9.07	±9.8
10123	CAB	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	8.42	±9.8
10124	CAB	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	8.60	±9.8
10125	CAB	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TDD	9.29	±9.8
10126	CAB	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-TDD	8.87	±9.8
10127	CAB	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TDD	10.01	±9.8
10128	CAB	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	8.80	±9.8
10129	CAB	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	8.43	±9.8
10130	CAB	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	9.76	±9.8
10131	CAB	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	8.44	±9.8

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc. k=2
10112	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.59	+0.2
10113	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	+0.2
10114	CAD	IEEE 802.11n (HT Greenfield, 15.5Mbps, 3PSK)	WLAN	6.10	+0.2
10115	CAD	IEEE 802.11n (HT Greenfield, 8Mbps, 16-QAM)	WLAN	6.46	+0.2
10116	CAD	IEEE 802.11n (HT Greenfield, 35Mbps, 64-QAM)	WLAN	6.15	+0.2
10117	CAD	IEEE 802.11n (HT Mixed, 15.5Mbps, 3PSK)	WLAN	6.07	+0.2
10118	CAD	IEEE 802.11n (HT Mixed, 8Mbps, 16-QAM)	WLAN	6.58	+0.2
10119	CAD	IEEE 802.11n (HT Mixed, 35Mbps, 64-QAM)	WLAN	6.13	+0.2
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.49	+0.2
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 32-QAM)	LTE-FDD	6.57	+0.2
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FDD	5.73	+0.2
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	6.55	+0.2
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 32-QAM)	LTE-FDD	6.55	+0.2
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.75	+0.2
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	+0.2
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 32-QAM)	LTE-FDD	6.72	+0.2
10148	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	+0.2
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 32-QAM)	LTE-FDD	6.60	+0.2
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.28	+0.2
10151	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-FDD	5.92	+0.2
10152	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 32-QAM)	LTE-FDD	6.05	+0.2
10153	CAF	LTE-FDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-FDD	5.75	+0.2
10154	CAF	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 16-QAM)	LTE-FDD	6.43	+0.2
10155	CAF	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FDD	5.79	+0.2
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FDD	6.49	+0.2
10157	CAF	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 32-QAM)	LTE-FDD	6.32	+0.2
10158	CAF	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 32-QAM)	LTE-FDD	6.18	+0.2
10159	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.02	+0.2
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.43	+0.2
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 32-QAM)	LTE-FDD	6.58	+0.2
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	5.46	+0.2
10163	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.21	+0.2
10164	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 32-QAM)	LTE-FDD	6.79	+0.2
10165	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.73	+0.2
10166	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	6.52	+0.2
10167	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 32-QAM)	LTE-FDD	6.48	+0.2
10168	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.21	+0.2
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	5.98	+0.2
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 32-QAM)	LTE-FDD	6.05	+0.2
10171	CAF	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	+0.2
10172	CAF	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	6.52	+0.2
10173	CAF	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 32-QAM)	LTE-FDD	6.73	+0.2
10174	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	+0.2
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	+0.2
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 32-QAM)	LTE-FDD	6.50	+0.2
10177	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	6.50	+0.2
10178	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	5.72	+0.2
10179	CAF	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 32-QAM)	LTE-FDD	6.52	+0.2
10180	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	+0.2
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 32-QAM)	LTE-FDD	6.50	+0.2
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	+0.2
10183	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	+0.2
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 32-QAM)	LTE-FDD	6.50	+0.2
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	+0.2
10186	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 32-QAM)	LTE-FDD	6.50	+0.2
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	+0.2
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.52	+0.2
10189	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 32-QAM)	LTE-FDD	6.50	+0.2
10190	CAD	IEEE 802.11n (HT Greenfield, 6.5Mbps, 3PSK)	WLAN	6.05	+0.2
10191	CAD	IEEE 802.11n (HT Greenfield, 35Mbps, 16-QAM)	WLAN	6.12	+0.2
10192	CAD	IEEE 802.11n (HT Greenfield, 65Mbps, 64-QAM)	WLAN	6.21	+0.2
10193	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, 3PSK)	WLAN	6.10	+0.2
10194	CAD	IEEE 802.11n (HT Mixed, 35Mbps, 16-QAM)	WLAN	6.19	+0.2
10195	CAD	IEEE 802.11n (HT Mixed, 65Mbps, 64-QAM)	WLAN	6.27	+0.2
10200	CAD	IEEE 802.11n (HT Mixed, 7.2Mbps, 3PSK)	WLAN	6.02	+0.2
10201	CAD	IEEE 802.11n (HT Mixed, 43.3Mbps, 16-QAM)	WLAN	6.12	+0.2
10202	CAD	IEEE 802.11n (HT Mixed, 72.3Mbps, 64-QAM)	WLAN	6.27	+0.2
10203	CAD	IEEE 802.11n (HT Mixed, 15Mbps, 3PSK)	WLAN	6.05	+0.2
10204	CAD	IEEE 802.11n (HT Mixed, 35Mbps, 16-QAM)	WLAN	6.18	+0.2
10205	CAD	IEEE 802.11n (HT Mixed, 65Mbps, 64-QAM)	WLAN	6.28	+0.2

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10225	CAC	UMTS-FDD (HS-PA)	WCDMA	5.97	+0.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	5.48	+0.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 8-QAM)	LTE-TDD	10.26	+0.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	+0.6
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	5.48	+0.6
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 8-QAM)	LTE-TDD	10.25	+0.6
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	+0.6
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.40	+0.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 8-QAM)	LTE-TDD	10.25	+0.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.21	+0.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.40	+0.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 8-QAM)	LTE-TDD	10.25	+0.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	+0.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.40	+0.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 8-QAM)	LTE-TDD	10.25	+0.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	+0.6
10241	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	+0.6
10242	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 8-QAM)	LTE-TDD	9.85	+0.6
10243	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	+0.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.08	+0.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 8-QAM)	LTE-TDD	10.08	+0.6
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	+0.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.01	+0.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 8-QAM)	LTE-TDD	10.07	+0.6
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.20	+0.6
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	+0.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 8-QAM)	LTE-TDD	10.17	+0.6
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	+0.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.30	+0.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 8-QAM)	LTE-TDD	10.18	+0.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.20	+0.6
10256	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.95	+0.6
10257	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 8-QAM)	LTE-TDD	10.08	+0.6
10258	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	+0.6
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	+0.6
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 8-QAM)	LTE-TDD	9.97	+0.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	+0.6
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	+0.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 8-QAM)	LTE-TDD	10.16	+0.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	+0.6
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.90	+0.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 8-QAM)	LTE-TDD	10.07	+0.6
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	+0.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.05	+0.6
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 8-QAM)	LTE-TDD	10.13	+0.6
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.50	+0.6
10271	CAC	UMTS-FDD (HS-PA, 5 slots, 5.38 Mbps Rel9.9)	WCDMA	6.87	+0.6
10272	CAC	UMTS-FDD (HS-PA, 5 slots, 5.38 Mbps Rel9.9)	WCDMA	3.95	+0.6
10273	CAG	PHS (QPSK)	PHS	11.81	+0.6
10274	CAG	PHS (QPSK, BW 800 MHz, Rel9.9)	PHS	11.81	+0.6
10275	CAG	PHS (QPSK, BW 800 MHz, Rel9.9)	PHS	12.18	+0.6
10280	AAB	CDMA2000, RC1, SCSS, Full Rate	CDMA2000	3.01	+0.6
10281	AAB	CDMA2000, RC2, SCSS, Full Rate	CDMA2000	3.48	+0.6
10282	AAB	CDMA2000, RC1, SCSS, Full Rate	CDMA2000	3.39	+0.6
10283	AAB	CDMA2000, RC1, SCSS, Full Rate	CDMA2000	3.50	+0.6
10284	AAB	CDMA2000, RC1, SCSS, Full Rate	CDMA2000	12.49	+0.6
10285	AAB	LTE-FDD (SC-FDMA, 50% RB, 30 MHz, QPSK)	LTE-FDD	5.01	+0.6
10286	AAB	LTE-FDD (SC-FDMA, 50% RB, 30 MHz, QPSK)	LTE-FDD	5.72	+0.6
10287	AAB	LTE-FDD (SC-FDMA, 50% RB, 30 MHz, 16-QAM)	LTE-FDD	6.29	+0.6
10288	AAB	LTE-FDD (SC-FDMA, 50% RB, 30 MHz, 8-QAM)	LTE-FDD	6.50	+0.6
10289	AAA	EEB 802.16e WMAX (29.16, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	+0.6
10290	AAA	EEB 802.16e WMAX (29.16, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WIMAX	12.57	+0.6
10291	AAA	EEB 802.16e WMAX (29.16, 5ms, 10MHz, 8QAM, PUSC)	WIMAX	12.52	+0.6
10292	AAA	EEB 802.16e WMAX (29.16, 5ms, 10MHz, 8QAM, PUSC)	WIMAX	11.98	+0.6
10293	AAA	EEB 802.16e WMAX (29.16, 10ms, 10MHz, 8QAM, PUSC, 15 symbols)	WIMAX	15.24	+0.6
10294	AAA	EEB 802.16e WMAX (29.16, 10ms, 10MHz, 8QAM, PUSC, 15 symbols)	WIMAX	14.07	+0.6

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10307	AAA	IEEE 802.15e WiMAX (20.18, 16ms, 10MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	±9.8
10308	AAA	IEEE 802.15e WiMAX (20.18, 16ms, 10MHz, 16QAM, PUSC)	WiMAX	14.49	±9.8
10309	AAA	IEEE 802.15e WiMAX (20.18, 16ms, 10MHz, 16QAM, AMC 2x2, 18 symbols)	WiMAX	14.58	±9.8
10310	AAA	IEEE 802.15e WiMAX (20.18, 16ms, 10MHz, QPSK, AMC 2x2, 18 symbols)	WiMAX	14.57	±9.8
10311	AAE	LTE-FDD (SC-FDMA, 10MHz, 15MHz, QPSK)	LTE-FDD	8.08	±9.8
10312	AAA	TDEN 1G	TDEN	13.51	±9.8
10313	AAA	TDEN 1G	TDEN	13.48	±9.8
10314	AAE	IEEE 802.11n WiFi 2.4GHz (DSSS, 1Mbps, 96ps duty cycle)	WLAN	1.71	±9.8
10315	AAE	IEEE 802.11n WiFi 2.4GHz (OFDM, 6Mbps, 96ps duty cycle)	WLAN	8.36	±9.8
10317	AAE	IEEE 802.11n WiFi 5GHz (OFDM, 6Mbps, 96ps duty cycle)	WLAN	9.38	±9.8
10322	AAA	Pulse Waveform (200Hz, 10%)	General	10.00	±9.8
10323	AAA	Pulse Waveform (200Hz, 20%)	General	9.84	±9.8
10324	AAA	Pulse Waveform (200Hz, 40%)	General	9.80	±9.8
10325	AAA	Pulse Waveform (200Hz, 60%)	General	2.22	±9.8
10326	AAA	Pulse Waveform (200Hz, 80%)	General	0.97	±9.8
10327	AAA	QPSK Waveform, 1 MHz	General	9.10	±9.8
10328	AAA	QPSK Waveform, 10 MHz	General	9.22	±9.8
10329	AAA	84-QAM Waveform, 100 kHz	General	9.27	±9.8
10330	AAA	84-QAM Waveform, 40 MHz	General	9.27	±9.8
10400	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 96ps duty cycle)	WLAN	8.37	±9.8
10401	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 96ps duty cycle)	WLAN	8.60	±9.8
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 96ps duty cycle)	WLAN	8.58	±9.8
10403	AAE	CDMA2000 1X EV-DO, Rev. 3	CDMA2000	9.75	±9.8
10404	AAE	CDMA2000 1X EV-DO, Rev. A	CDMA2000	9.77	±9.8
10405	AAE	CDMA2000, RCS, SCSS, ECH, Full Rate	CDMA2000	9.22	±9.8
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9; Subframe Comb=4)	LTE-TDD	7.80	±9.8
10414	AAA	WLAN 802.11n WiFi 2.4GHz (DSSS, 1 Mbps, 96ps duty cycle)	General	6.54	±9.8
10415	AAA	IEEE 802.11n WiFi 2.4GHz (DSSS, 1 Mbps, 96ps duty cycle)	WLAN	1.54	±9.8
10416	AAA	IEEE 802.11n WiFi 2.4GHz (OFDM, 6Mbps, 96ps duty cycle)	WLAN	8.25	±9.8
10417	AAE	IEEE 802.11n WiFi 5GHz (OFDM, 6Mbps, 96ps duty cycle)	WLAN	8.25	±9.8
10418	AAA	IEEE 802.11n WiFi 2.4GHz (DSSS-OFDM, 6Mbps, 96ps duty cycle, Long preamble)	WLAN	8.14	±9.8
10419	AAA	IEEE 802.11n WiFi 2.4GHz (DSSS-OFDM, 6Mbps, 96ps duty cycle, Short preamble)	WLAN	8.18	±9.8
10422	AAE	IEEE 802.11n (HT Greenfield, 7.2Mbps, QPSK)	WLAN	6.82	±9.8
10423	AAE	IEEE 802.11n (HT Greenfield, 9.8Mbps, 16-QAM)	WLAN	8.47	±9.8
10424	AAE	IEEE 802.11n (HT Greenfield, 7.2Mbps, 64-QAM)	WLAN	8.40	±9.8
10425	AAE	IEEE 802.11n (HT Greenfield, 15Mbps, QPSK)	WLAN	8.41	±9.8
10426	AAE	IEEE 802.11n (HT Greenfield, 30Mbps, 16-QAM)	WLAN	8.40	±9.8
10427	AAE	IEEE 802.11n (HT Greenfield, 150Mbps, 64-QAM)	WLAN	8.41	±9.8
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.28	±9.8
10431	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1)	LTE-FDD	8.38	±9.8
10432	AAE	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.8
10433	AAE	LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE-FDD	8.54	±9.8
10434	AAE	W-CDMA (BS Test Model), 54 DPCS	WCDMA	8.60	±9.8
10435	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.8
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.8
10448	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.50	±9.8
10449	AAE	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	±9.8
10450	AAE	LTE-FDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.8
10451	AAE	WCDMA (BS Test Model), 54 DPCS Clipping 44%	WCDMA	7.28	±9.8
10453	AAE	Validation (Spectrum, 70ms, 1ms)	Test	10.00	±9.8
10456	AAE	IEEE 802.11ac WiFi (160MHz, 64-QAM, 96ps duty cycle)	WLAN	8.68	±9.8
10457	AAE	UMTS-FDD (DC-FDMA)	WCDMA	8.62	±9.8
10458	AAA	CDMA2000 (1X EV-DO, Rev. 3, 2 carriers)	CDMA2000	8.56	±9.8
10459	AAA	CDMA2000 (1X EV-DO, Rev. 3, 3 carriers)	CDMA2000	8.25	±9.8
10460	AAE	UMTS-FDD (WCDMA, 4MHz)	WCDMA	2.28	±9.8
10461	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.8
10462	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±9.8
10463	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.50	±9.8
10464	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.62	±9.8
10465	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.8
10466	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±9.8
10467	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.8
10468	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.8
10469	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.58	±9.8
10470	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.8
10471	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±9.8

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UID	Rev	Communication System Name	Group	PAR (dB)	Line Error = 2
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	-19.0
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.85	-19.0
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	-19.0
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	-19.0
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	-19.0
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	-19.0
10479	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-19.0
10480	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	-19.0
10481	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	-19.0
10482	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	-19.0
10483	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	-19.0
10484	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	-19.0
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.50	-19.0
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	-19.0
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	9.00	-19.0
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	-19.0
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	-19.0
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	-19.0
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.73	-19.0
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	-19.0
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	-19.0
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-19.0
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	-19.0
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	-19.0
10497	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.07	-19.0
10498	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	-19.0
10499	AAF	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.58	-19.0
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	-19.0
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	-19.0
10502	AAF	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.50	-19.0
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	-19.0
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	-19.0
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	-19.0
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-19.0
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	-19.0
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	-19.0
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.94	-19.0
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.59	-19.0
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	-19.0
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-19.0
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	-19.0
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	-19.0
10515	AAF	IEEE 802.11b WiFi 2.4GHz (DSSS, 2Mbps, 99% duty cycle)	WLAN	1.58	-19.0
10516	AAF	IEEE 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps, 99% duty cycle)	WLAN	1.57	-19.0
10517	AAF	IEEE 802.11b WiFi 2.4GHz (DSSS, 11Mbps, 99% duty cycle)	WLAN	1.58	-19.0
10518	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps, 99% duty cycle)	WLAN	8.03	-19.0
10519	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps, 99% duty cycle)	WLAN	8.30	-19.0
10520	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps, 99% duty cycle)	WLAN	8.12	-19.0
10521	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps, 99% duty cycle)	WLAN	7.97	-19.0
10522	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps, 99% duty cycle)	WLAN	8.45	-19.0
10523	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps, 99% duty cycle)	WLAN	9.00	-19.0
10524	AAF	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps, 99% duty cycle)	WLAN	9.27	-19.0
10525	AAF	IEEE 802.11ac WiFi (20MHz, MCS0, 99% duty cycle)	WLAN	9.00	-19.0
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99% duty cycle)	WLAN	8.42	-19.0
10527	AAF	IEEE 802.11ac WiFi (20MHz, MCS2, 99% duty cycle)	WLAN	8.21	-19.0
10528	AAF	IEEE 802.11ac WiFi (20MHz, MCS3, 99% duty cycle)	WLAN	8.36	-19.0
10529	AAF	IEEE 802.11ac WiFi (20MHz, MCS4, 99% duty cycle)	WLAN	8.59	-19.0
10530	AAF	IEEE 802.11ac WiFi (20MHz, MCS5, 99% duty cycle)	WLAN	8.43	-19.0
10531	AAF	IEEE 802.11ac WiFi (20MHz, MCS6, 99% duty cycle)	WLAN	8.50	-19.0
10532	AAF	IEEE 802.11ac WiFi (20MHz, MCS7, 99% duty cycle)	WLAN	8.38	-19.0
10533	AAF	IEEE 802.11ac WiFi (20MHz, MCS8, 99% duty cycle)	WLAN	8.38	-19.0
10534	AAF	IEEE 802.11ac WiFi (20MHz, MCS9, 99% duty cycle)	WLAN	8.45	-19.0
10535	AAF	IEEE 802.11ac WiFi (20MHz, MCS10, 99% duty cycle)	WLAN	8.45	-19.0
10536	AAF	IEEE 802.11ac WiFi (20MHz, MCS11, 99% duty cycle)	WLAN	8.32	-19.0
10537	AAF	IEEE 802.11ac WiFi (20MHz, MCS12, 99% duty cycle)	WLAN	8.44	-19.0
10538	AAF	IEEE 802.11ac WiFi (40MHz, MCS0, 99% duty cycle)	WLAN	8.54	-19.0
10539	AAF	IEEE 802.11ac WiFi (40MHz, MCS1, 99% duty cycle)	WLAN	8.50	-19.0

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UID	Rev	Communication System Name	Group	PAR [dB]	Unc _{F_h} - 2
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.46	±0.5
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.45	±0.5
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.55	±0.5
10544	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.47	±0.5
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.53	±0.5
10546	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.55	±0.5
10547	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.49	±0.5
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.57	±0.5
10550	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.50	±0.5
10551	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.50	±0.5
10552	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.48	±0.5
10553	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.45	±0.5
10554	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.46	±0.5
10555	AAC	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.47	±0.5
10556	AAC	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.50	±0.5
10557	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.52	±0.5
10558	AAC	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.51	±0.5
10559	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.51	±0.5
10561	AAC	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±0.5
10562	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.55	±0.5
10563	AAC	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.57	±0.5
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle)	WLAN	8.25	±0.5
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.45	±0.5
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.55	±0.5
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.57	±0.5
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.57	±0.5
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.61	±0.5
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.50	±0.5
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.98	±0.5
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.98	±0.5
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±0.5
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	±0.5
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 3 Mbps, 90pc duty cycle)	WLAN	8.59	±0.5
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.60	±0.5
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.70	±0.5
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.49	±0.5
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.58	±0.5
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.76	±0.5
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.35	±0.5
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±0.5
10583	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.58	±0.5
10584	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±0.5
10585	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	±0.5
10586	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.48	±0.5
10587	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.58	±0.5
10588	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.78	±0.5
10589	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±0.5
10590	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±0.5
10591	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.60	±0.5
10592	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.78	±0.5
10593	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±0.5
10594	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.74	±0.5
10595	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±0.5
10596	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.71	±0.5
10597	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±0.5
10598	AAC	IEEE 802.11n HT (MIMO, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±0.5
10599	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS8, 90pc duty cycle)	WLAN	8.70	±0.5
10600	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±0.5
10601	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±0.5
10602	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±0.5
10603	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS9, 90pc duty cycle)	WLAN	8.73	±0.5
10604	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.76	±0.5
10605	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	±0.5
10606	AAC	IEEE 802.11n HT (MIMO, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±0.5
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.64	±0.5
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±0.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ⁺ K = 2
10608	AAD	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	-9.5
10610	AAD	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.76	-9.5
10611	AAD	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	-9.5
10612	AAD	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	-9.5
10613	AAD	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	-9.5
10614	AAD	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.98	-9.5
10615	AAD	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.92	-9.5
10616	AAD	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.95	-9.5
10617	AAD	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.97	-9.5
10618	AAD	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.90	-9.5
10619	AAD	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.90	-9.5
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.97	-9.5
10621	AAD	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	-9.5
10622	AAD	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	-9.5
10623	AAD	IEEE 802.11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	-9.5
10624	AAD	IEEE 802.11ac WiFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	-9.5
10625	AAD	IEEE 802.11ac WiFi (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	-9.5
10626	AAD	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.88	-9.5
10627	AAD	IEEE 802.11ac WiFi (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	-9.5
10628	AAD	IEEE 802.11ac WiFi (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.77	-9.5
10629	AAD	IEEE 802.11ac WiFi (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	-9.5
10630	AAD	IEEE 802.11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	-9.5
10631	AAD	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.87	-9.5
10632	AAD	IEEE 802.11ac WiFi (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	-9.5
10633	AAD	IEEE 802.11ac WiFi (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.88	-9.5
10634	AAD	IEEE 802.11ac WiFi (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	-9.5
10635	AAD	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.87	-9.5
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.92	-9.5
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	-9.5
10638	AAD	IEEE 802.11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.95	-9.5
10639	AAD	IEEE 802.11ac WiFi (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.80	-9.5
10640	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	-9.5
10641	AAD	IEEE 802.11ac WiFi (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.98	-9.5
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.95	-9.5
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.88	-9.5
10644	AAD	IEEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.95	-9.5
10645	AAD	IEEE 802.11ac WiFi (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.71	-9.5
10646	AAD	LTE-TDD (SC-FDMA, 1.4 Hz, 3.6 MHz, OFDMA, 3.6 MHz, 2.7)	LTE-TDD	7.88	-9.5
10647	AAD	LTE-TDD (SC-FDMA, 1.4 Hz, 3.6 MHz, OFDMA, 3.6 MHz, 2.7)	LTE-TDD	7.88	-9.5
10648	AAD	CDMA2000 (1X Advanced)	CDMA2000	3.45	-9.5
10649	AAD	LTE-TDD (OFDMA, 3 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	-9.5
10650	AAD	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	-9.5
10651	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	8.06	-9.5
10652	AAD	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.27	-9.5
10653	AAD	Pulse Waveform (200Hz, 10%)	Test	10.00	-9.5
10654	AAD	Pulse Waveform (200Hz, 20%)	Test	8.88	-9.5
10655	AAD	Pulse Waveform (200Hz, 40%)	Test	8.98	-9.5
10656	AAD	Pulse Waveform (200Hz, 60%)	Test	8.22	-9.5
10657	AAD	Pulse Waveform (200Hz, 80%)	Test	6.97	-9.5
10658	AAD	Bluetooth Low Energy	Bluetooth	2.18	-9.5
10659	AAD	IEEE 802.11ac (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.99	-9.5
10660	AAD	IEEE 802.11ac (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	-9.5
10661	AAD	IEEE 802.11ac (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	-9.5
10662	AAD	IEEE 802.11ac (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	-9.5
10663	AAD	IEEE 802.11ac (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	-9.5
10664	AAD	IEEE 802.11ac (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	-9.5
10665	AAD	IEEE 802.11ac (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	-9.5
10666	AAD	IEEE 802.11ac (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.78	-9.5
10667	AAD	IEEE 802.11ac (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.88	-9.5
10668	AAD	IEEE 802.11ac (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	-9.5
10669	AAD	IEEE 802.11ac (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	-9.5
10670	AAD	IEEE 802.11ac (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.63	-9.5
10671	AAD	IEEE 802.11ac (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.63	-9.5
10672	AAD	IEEE 802.11ac (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.42	-9.5
10673	AAD	IEEE 802.11ac (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.42	-9.5
10674	AAD	IEEE 802.11ac (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.20	-9.5
10675	AAD	IEEE 802.11ac (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.38	-9.5
10676	AAD	IEEE 802.11ac (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.32	-9.5
10677	AAD	IEEE 802.11ac (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.32	-9.5
10678	AAD	IEEE 802.11ac (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.32	-9.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Line F & = 2
10667	AAC	IEEE 802.11ax (20MHz, MCS4, 80ps duty cycle)	WLAN	8.46	+9.0
10668	AAC	IEEE 802.11ax (20MHz, MCS5, 80ps duty cycle)	WLAN	8.50	+9.0
10669	AAC	IEEE 802.11ax (20MHz, MCS6, 80ps duty cycle)	WLAN	8.55	+9.0
10670	AAC	IEEE 802.11ax (20MHz, MCS7, 80ps duty cycle)	WLAN	8.59	+9.0
10671	AAC	IEEE 802.11ax (20MHz, MCS8, 80ps duty cycle)	WLAN	8.55	+9.0
10672	AAC	IEEE 802.11ax (20MHz, MCS9, 80ps duty cycle)	WLAN	8.59	+9.0
10673	AAC	IEEE 802.11ax (20MHz, MCS10, 80ps duty cycle)	WLAN	8.55	+9.0
10674	AAC	IEEE 802.11ax (20MHz, MCS11, 80ps duty cycle)	WLAN	8.57	+9.0
10675	AAC	IEEE 802.11ax (40MHz, MCS0, 80ps duty cycle)	WLAN	8.70	+9.0
10676	AAC	IEEE 802.11ax (40MHz, MCS1, 80ps duty cycle)	WLAN	8.61	+9.0
10677	AAC	IEEE 802.11ax (40MHz, MCS2, 80ps duty cycle)	WLAN	8.61	+9.0
10678	AAC	IEEE 802.11ax (40MHz, MCS3, 80ps duty cycle)	WLAN	8.69	+9.0
10679	AAC	IEEE 802.11ax (40MHz, MCS4, 80ps duty cycle)	WLAN	8.62	+9.0
10680	AAC	IEEE 802.11ax (40MHz, MCS5, 80ps duty cycle)	WLAN	8.73	+9.0
10681	AAC	IEEE 802.11ax (40MHz, MCS6, 80ps duty cycle)	WLAN	8.69	+9.0
10682	AAC	IEEE 802.11ax (40MHz, MCS7, 80ps duty cycle)	WLAN	8.70	+9.0
10683	AAC	IEEE 802.11ax (40MHz, MCS8, 80ps duty cycle)	WLAN	8.62	+9.0
10684	AAC	IEEE 802.11ax (40MHz, MCS9, 80ps duty cycle)	WLAN	8.66	+9.0
10685	AAC	IEEE 802.11ax (40MHz, MCS10, 80ps duty cycle)	WLAN	8.69	+9.0
10686	AAC	IEEE 802.11ax (40MHz, MCS11, 80ps duty cycle)	WLAN	8.68	+9.0
10687	AAC	IEEE 802.11ax (80MHz, MCS0, 80ps duty cycle)	WLAN	8.85	+9.0
10688	AAC	IEEE 802.11ax (80MHz, MCS1, 80ps duty cycle)	WLAN	8.76	+9.0
10689	AAC	IEEE 802.11ax (80MHz, MCS2, 80ps duty cycle)	WLAN	8.76	+9.0
10690	AAC	IEEE 802.11ax (80MHz, MCS3, 80ps duty cycle)	WLAN	8.85	+9.0
10691	AAC	IEEE 802.11ax (80MHz, MCS4, 80ps duty cycle)	WLAN	8.76	+9.0
10692	AAC	IEEE 802.11ax (80MHz, MCS5, 80ps duty cycle)	WLAN	8.85	+9.0
10693	AAC	IEEE 802.11ax (80MHz, MCS6, 80ps duty cycle)	WLAN	8.76	+9.0
10694	AAC	IEEE 802.11ax (80MHz, MCS7, 80ps duty cycle)	WLAN	8.85	+9.0
10695	AAC	IEEE 802.11ax (80MHz, MCS8, 80ps duty cycle)	WLAN	8.76	+9.0
10696	AAC	IEEE 802.11ax (80MHz, MCS9, 80ps duty cycle)	WLAN	8.85	+9.0
10697	AAC	IEEE 802.11ax (80MHz, MCS10, 80ps duty cycle)	WLAN	8.76	+9.0
10698	AAC	IEEE 802.11ax (80MHz, MCS11, 80ps duty cycle)	WLAN	8.85	+9.0
10699	AAC	IEEE 802.11ax (160MHz, MCS0, 80ps duty cycle)	WLAN	9.00	+9.0
10700	AAC	IEEE 802.11ax (160MHz, MCS1, 80ps duty cycle)	WLAN	8.91	+9.0
10701	AAC	IEEE 802.11ax (160MHz, MCS2, 80ps duty cycle)	WLAN	8.91	+9.0
10702	AAC	IEEE 802.11ax (160MHz, MCS3, 80ps duty cycle)	WLAN	9.00	+9.0
10703	AAC	IEEE 802.11ax (160MHz, MCS4, 80ps duty cycle)	WLAN	8.91	+9.0
10704	AAC	IEEE 802.11ax (160MHz, MCS5, 80ps duty cycle)	WLAN	9.00	+9.0
10705	AAC	IEEE 802.11ax (160MHz, MCS6, 80ps duty cycle)	WLAN	8.91	+9.0
10706	AAC	IEEE 802.11ax (160MHz, MCS7, 80ps duty cycle)	WLAN	9.00	+9.0
10707	AAC	IEEE 802.11ax (160MHz, MCS8, 80ps duty cycle)	WLAN	8.91	+9.0
10708	AAC	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	9.00	+9.0
10709	AAC	IEEE 802.11ax (160MHz, MCS10, 80ps duty cycle)	WLAN	8.91	+9.0
10710	AAC	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	9.00	+9.0
10711	AAC	IEEE 802.11ax (160MHz, MCS12, 80ps duty cycle)	WLAN	8.91	+9.0
10712	AAC	IEEE 802.11ax (160MHz, MCS13, 80ps duty cycle)	WLAN	9.00	+9.0
10713	AAC	IEEE 802.11ax (160MHz, MCS14, 80ps duty cycle)	WLAN	8.91	+9.0
10714	AAC	IEEE 802.11ax (160MHz, MCS15, 80ps duty cycle)	WLAN	9.00	+9.0
10715	AAC	IEEE 802.11ax (160MHz, MCS16, 80ps duty cycle)	WLAN	8.91	+9.0
10716	AAC	IEEE 802.11ax (160MHz, MCS17, 80ps duty cycle)	WLAN	9.00	+9.0
10717	AAC	IEEE 802.11ax (160MHz, MCS18, 80ps duty cycle)	WLAN	8.91	+9.0
10718	AAC	IEEE 802.11ax (160MHz, MCS19, 80ps duty cycle)	WLAN	9.00	+9.0
10719	AAC	IEEE 802.11ax (160MHz, MCS20, 80ps duty cycle)	WLAN	8.91	+9.0
10720	AAC	IEEE 802.11ax (160MHz, MCS21, 80ps duty cycle)	WLAN	9.00	+9.0
10721	AAC	IEEE 802.11ax (160MHz, MCS22, 80ps duty cycle)	WLAN	8.91	+9.0
10722	AAC	IEEE 802.11ax (160MHz, MCS23, 80ps duty cycle)	WLAN	9.00	+9.0
10723	AAC	IEEE 802.11ax (160MHz, MCS24, 80ps duty cycle)	WLAN	8.91	+9.0
10724	AAC	IEEE 802.11ax (160MHz, MCS25, 80ps duty cycle)	WLAN	9.00	+9.0
10725	AAC	IEEE 802.11ax (160MHz, MCS26, 80ps duty cycle)	WLAN	8.91	+9.0
10726	AAC	IEEE 802.11ax (160MHz, MCS27, 80ps duty cycle)	WLAN	9.00	+9.0
10727	AAC	IEEE 802.11ax (160MHz, MCS28, 80ps duty cycle)	WLAN	8.91	+9.0
10728	AAC	IEEE 802.11ax (160MHz, MCS29, 80ps duty cycle)	WLAN	9.00	+9.0
10729	AAC	IEEE 802.11ax (160MHz, MCS30, 80ps duty cycle)	WLAN	8.91	+9.0
10730	AAC	IEEE 802.11ax (160MHz, MCS31, 80ps duty cycle)	WLAN	9.00	+9.0
10731	AAC	IEEE 802.11ax (160MHz, MCS32, 80ps duty cycle)	WLAN	8.91	+9.0
10732	AAC	IEEE 802.11ax (160MHz, MCS33, 80ps duty cycle)	WLAN	9.00	+9.0
10733	AAC	IEEE 802.11ax (160MHz, MCS34, 80ps duty cycle)	WLAN	8.91	+9.0
10734	AAC	IEEE 802.11ax (160MHz, MCS35, 80ps duty cycle)	WLAN	9.00	+9.0
10735	AAC	IEEE 802.11ax (160MHz, MCS36, 80ps duty cycle)	WLAN	8.91	+9.0
10736	AAC	IEEE 802.11ax (160MHz, MCS37, 80ps duty cycle)	WLAN	9.00	+9.0
10737	AAC	IEEE 802.11ax (160MHz, MCS38, 80ps duty cycle)	WLAN	8.91	+9.0
10738	AAC	IEEE 802.11ax (160MHz, MCS39, 80ps duty cycle)	WLAN	9.00	+9.0
10739	AAC	IEEE 802.11ax (160MHz, MCS40, 80ps duty cycle)	WLAN	8.91	+9.0
10740	AAC	IEEE 802.11ax (160MHz, MCS41, 80ps duty cycle)	WLAN	9.00	+9.0
10741	AAC	IEEE 802.11ax (160MHz, MCS42, 80ps duty cycle)	WLAN	8.91	+9.0
10742	AAC	IEEE 802.11ax (160MHz, MCS43, 80ps duty cycle)	WLAN	9.00	+9.0
10743	AAC	IEEE 802.11ax (160MHz, MCS44, 80ps duty cycle)	WLAN	8.91	+9.0
10744	AAC	IEEE 802.11ax (160MHz, MCS45, 80ps duty cycle)	WLAN	9.00	+9.0
10745	AAC	IEEE 802.11ax (160MHz, MCS46, 80ps duty cycle)	WLAN	8.91	+9.0
10746	AAC	IEEE 802.11ax (160MHz, MCS47, 80ps duty cycle)	WLAN	9.00	+9.0
10747	AAC	IEEE 802.11ax (160MHz, MCS48, 80ps duty cycle)	WLAN	8.91	+9.0
10748	AAC	IEEE 802.11ax (160MHz, MCS49, 80ps duty cycle)	WLAN	9.00	+9.0
10749	AAC	IEEE 802.11ax (160MHz, MCS50, 80ps duty cycle)	WLAN	8.91	+9.0
10750	AAC	IEEE 802.11ax (160MHz, MCS51, 80ps duty cycle)	WLAN	9.00	+9.0
10751	AAC	IEEE 802.11ax (160MHz, MCS52, 80ps duty cycle)	WLAN	8.91	+9.0
10752	AAC	IEEE 802.11ax (160MHz, MCS53, 80ps duty cycle)	WLAN	9.00	+9.0

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Mod	Rev	Communication System Name	Group	PAE (dB)	Dist ^a A-2
10751	AAL	IEEE 802.11ax (180MHz, MCS10, 80ps duty cycle)	WLAN	8.00	-10.6
10752	AAL	IEEE 802.11ax (180MHz, MCS11, 80ps duty cycle)	WLAN	8.54	-10.6
10753	AAL	IEEE 802.11ax (180MHz, MCS8, 80ps duty cycle)	WLAN	8.64	-10.6
10754	AAL	IEEE 802.11ax (180MHz, MCS7, 80ps duty cycle)	WLAN	8.77	-10.6
10755	AAL	IEEE 802.11ax (180MHz, MCS5, 80ps duty cycle)	WLAN	8.77	-10.6
10756	AAL	IEEE 802.11ax (180MHz, MCS4, 80ps duty cycle)	WLAN	8.68	-10.6
10757	AAL	IEEE 802.11ax (180MHz, MCS3, 80ps duty cycle)	WLAN	8.59	-10.6
10758	AAL	IEEE 802.11ax (180MHz, MCS2, 80ps duty cycle)	WLAN	8.40	-10.6
10759	AAL	IEEE 802.11ax (180MHz, MCS1, 80ps duty cycle)	WLAN	8.58	-10.6
10760	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.49	-10.6
10761	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.53	-10.6
10762	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.54	-10.6
10763	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.54	-10.6
10764	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10765	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10766	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10767	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10768	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10769	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10770	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10771	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10772	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10773	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10774	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10775	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10776	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10777	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10778	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10779	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10780	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10781	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10782	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10783	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10784	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10785	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10786	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10787	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10788	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10789	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10790	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10791	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10792	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10793	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10794	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10795	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10796	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10797	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10798	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10799	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10800	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10801	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10802	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10803	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10804	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10805	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10806	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10807	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10808	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10809	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10810	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10811	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10812	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10813	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10814	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10815	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10816	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10817	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10818	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10819	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10820	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10821	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10822	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10823	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10824	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10825	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10826	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10827	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6
10828	AAL	IEEE 802.11ax (180MHz, MCS0, 80ps duty cycle)	WLAN	8.51	-10.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.93	±0.5
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.80	±0.5
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.83	±0.5
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±0.5
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	±0.5
10918	AAB	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	±0.5
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.88	±0.5
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±0.5
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.82	±0.5
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.85	±0.5
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.5
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10935	AAC	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.80	±0.5
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.77	±0.5
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.80	±0.5
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.82	±0.5
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.80	±0.5
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.80	±0.5
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.80	±0.5
10943	AAC	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±0.5
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	±0.5
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±0.5
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	±0.5
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±0.5
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.84	±0.5
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	±0.5
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.84	±0.5
10951	AAC	5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	±0.5
10952	AAA	5G NR DLICP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz	5G NR FR1 FDD	6.25	±0.5
10953	AAA	5G NR DLICP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz	5G NR FR1 FDD	6.15	±0.5
10954	AAA	5G NR DLICP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz	5G NR FR1 FDD	6.23	±0.5
10955	AAA	5G NR DLICP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz	5G NR FR1 FDD	6.42	±0.5
10956	AAA	5G NR DLICP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz	5G NR FR1 FDD	6.14	±0.5
10957	AAA	5G NR DLICP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz	5G NR FR1 FDD	6.31	±0.5
10958	AAA	5G NR DLICP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz	5G NR FR1 FDD	6.31	±0.5
10959	AAA	5G NR DLICP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz	5G NR FR1 FDD	6.33	±0.5
10960	AAC	5G NR DLICP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz	5G NR FR1 TDD	6.32	±0.5
10961	AAB	5G NR DLICP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz	5G NR FR1 TDD	6.38	±0.5
10962	AAB	5G NR DLICP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz	5G NR FR1 TDD	6.40	±0.5
10963	AAB	5G NR DLICP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz	5G NR FR1 TDD	6.55	±0.5
10964	AAC	5G NR DLICP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz	5G NR FR1 TDD	6.29	±0.5
10965	AAB	5G NR DLICP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz	5G NR FR1 TDD	6.37	±0.5
10966	AAB	5G NR DLICP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz	5G NR FR1 TDD	6.35	±0.5
10967	AAB	5G NR DLICP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz	5G NR FR1 TDD	6.48	±0.5
10968	AAB	5G NR DLICP-OFDM, TM 3.1, 100MHz, 64-QAM, 30kHz	5G NR FR1 TDD	6.48	±0.5
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	6.08	±0.5
10974	AAB	5G NR (DFT-s-OFDM, 100% RB, 100MHz, 256-QAM, 30kHz)	5G NR FR1 TDD	6.20	±0.5
10979	AAA	ULLA UDR	ULLA	6.18	±0.5
10980	AAA	ULLA HDR4	ULLA	6.58	±0.5
10981	AAA	ULLA HDR8	ULLA	6.32	±0.5
10982	AAA	ULLA HDRp4	ULLA	6.18	±0.5
10983	AAA	ULLA HDRp8	ULLA	6.43	±0.5

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UID	Rev	Communication System Name	Group	RAE (dB)	Unc ^F $k=2$
10883	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 54-QAM, 15kHz)	5G NR FR1 TDD	8.31	+0.6
10884	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 54-QAM, 15kHz)	5G NR FR1 TDD	8.42	+0.6
10885	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	8.50	+0.6
10888	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	8.50	+0.6
10887	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	8.53	+0.6
10889	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	8.39	+0.6
10898	AAA	5G NR DL (CP-OFDM, TM 3.1, 80MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	8.33	+0.6
10890	AAA	5G NR DL (CP-OFDM, TM 3.1, 80MHz, 54-QAM, 30kHz)	5G NR FR1 TDD	8.62	+0.6

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