

Appendix A. Calibration certificate

Appendix A.1 Probe Calibration certificate (EX3DV4 SN7540)

**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 0108

Client: **KCTL (Dymtec)**

Certificate No: **EX3-7540_Apr22**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:7540**

Calibration procedure(s): **QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7
Calibration procedure for dosimetric E-field probes**

Calibration date: **April 28, 2022**

The 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. 217-03625/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103745	04-Apr-22 (No. 217-03625)	Apr-23
Reference 20 dB Attenuator	SN: CU2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
D&S4	SN: 880	13-Oct-21 (No. DAF4-660 - Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013 - Dec21)	Dec-22
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4418B	SN: G041293874	06-Apr-18 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: M941486087	06-Apr-18 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-18 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8448C	SN: US3842001700	04-Aug-09 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41060477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

Calibrated by:	Name Daf Rysner	Function Laboratory Technician	Signature 
Approved by:	Sven Kälin	Display Manager	

Issued: May 3, 2022

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

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Glossary:

TSL	tissue simulating liquid
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 62209-1528, "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.
- KDS 866664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}: Assessed for E-field polarization $\theta = 0$ ($f < 800$ 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).
- NORM₀(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 (no uncertainty required). 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 (or Temperature Transfer Standard for $f < 800$ MHz) and inside waveguide using analytical field distributions based on power measurements for $f > 800$ MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to 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:7540

April 29, 2023

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7540

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m))^k$	0.58	0.58	0.58	$\pm 10.1 \%$
DCP (mV) ¹	89.6	100.8	100.4	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB/ μV	C	D dB	VR mV	Max dev	Max Unc ² (k=2)
0	CW	X	0.00	0.00	1.00	0.00	148.1	$\pm 2.5 \%$	$\pm 4.7 \%$
		Y	0.00	0.00	1.00		163.9		
		Z	0.00	0.00	1.00		155.0		
10352-AAA	Pulse Waveform (200Hz, 10%)	X	20.00	81.90	21.13	10.00	60.0	$\pm 3.1 \%$	$\pm 9.8 \%$
		Y	11.42	81.49	16.66		60.0		
		Z	20.00	82.61	21.70		60.0		
10353-AAA	Pulse Waveform (200Hz, 20%)	X	20.00	83.48	20.86	8.99	80.0	$\pm 1.6 \%$	$\pm 9.6 \%$
		Y	20.00	87.28	17.44		80.0		
		Z	20.00	88.34	20.99		80.0		
10354-AAA	Pulse Waveform (200Hz, 40%)	X	20.00	87.50	21.47	7.88	95.0	$\pm 0.9 \%$	$\pm 9.6 \%$
		Y	20.00	89.11	17.26		95.0		
		Z	20.00	85.57	20.72		95.0		
10355-AAA	Pulse Waveform (200Hz, 60%)	X	20.00	91.75	22.06	2.22	120.0	$\pm 1.1 \%$	$\pm 9.6 \%$
		Y	20.00	92.74	17.98		120.0		
		Z	20.00	98.12	20.89		120.0		
10387-AAA	QPSK Waveform, 1 MHz	X	1.63	65.67	14.64	1.00	150.0	$\pm 2.4 \%$	$\pm 9.6 \%$
		Y	1.61	65.59	14.56		150.0		
		Z	1.67	65.29	14.49		150.0		
10388-AAA	QPSK Waveform, 10 MHz	X	2.17	67.47	13.38	0.00	150.0	$\pm 1.1 \%$	$\pm 9.6 \%$
		Y	2.12	67.08	13.25		150.0		
		Z	2.21	67.38	13.19		150.0		
10395-AAA	64-QAM Waveform, 100 kHz	X	2.79	69.57	18.33	3.01	150.0	$\pm 0.8 \%$	$\pm 9.6 \%$
		Y	2.84	70.68	19.09		150.0		
		Z	2.94	69.63	18.79		150.0		
10399-AAA	64-QAM Waveform, 40 MHz	X	3.48	66.96	15.65	0.00	150.0	$\pm 1.5 \%$	$\pm 9.6 \%$
		Y	3.48	66.75	15.56		150.0		
		Z	3.54	67.01	15.60		150.0		
10414-AAA	WLAN IEEE 802.11n, 64-QAM, 40MHz	X	4.69	65.06	15.53	0.00	150.0	$\pm 3.1 \%$	$\pm 9.6 \%$
		Y	4.82	65.50	15.43		150.0		
		Z	4.77	65.02	15.15		150.0		

Notes: 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%.

¹ The uncertainties of Norm X,Y,Z do not affect the C-field uncertainty inside TSL (see Pages 5 and 6).² Numerical linearization parameter; uncertainty not required.³ Uncertainty is determined using the (max.) deviation from linear response applying rectangular distribution and is expressed for the square of the root value.

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EX3DV4- SN:7540

April 29, 2022

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7540**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	46.1	347.12	35.99	15.65	0.08	5.10	0.83	0.30	1.01
Y	41.9	312.67	35.40	18.95	0.00	5.02	1.64	0.09	1.01
Z	51.3	384.53	35.73	17.09	0.19	5.10	0.45	0.43	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-149.8
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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April 29, 2022

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7540

Calibration Parameter Determined in Head Tissue Simulating Media

F (MHz) ^c	Relative Permittivity ^a	Conductivity (S/m) ^b	ConvF X	ConvF Y	ConvF Z	Alpha ^d	Depth ^e (mm)	Unc (k=2)
750	41.9	0.89	10.25	10.25	10.25	0.49	0.81	± 12.0 %
850	41.5	0.92	9.73	9.73	9.73	0.29	1.18	± 12.0 %
900	41.5	0.97	9.54	9.54	9.54	0.37	0.96	± 12.0 %
1750	40.1	1.37	8.62	8.62	8.62	0.32	0.86	± 12.0 %
1900	40.0	1.40	8.55	8.55	8.55	0.29	0.88	± 12.0 %
2300	39.5	1.67	7.84	7.84	7.84	0.30	0.90	± 12.0 %
2450	39.2	1.80	7.53	7.53	7.53	0.38	0.90	± 12.0 %
2600	39.0	1.86	7.33	7.33	7.33	0.40	0.80	± 12.0 %
3300	38.2	2.71	7.15	7.15	7.15	0.30	1.30	± 14.0 %
3500	37.9	2.91	7.08	7.08	7.08	0.30	1.30	± 14.0 %
3700	37.7	3.12	7.02	7.02	7.02	0.30	1.30	± 14.0 %
3900	37.5	3.32	6.67	6.67	6.67	0.40	1.60	± 14.0 %
4100	37.2	3.53	6.61	6.61	6.61	0.40	1.80	± 14.0 %
4800	36.4	4.25	6.09	6.09	6.09	0.40	1.80	± 14.0 %
5250	35.9	4.71	5.25	5.25	5.25	0.40	1.80	± 14.0 %
5500	35.5	5.07	4.59	4.59	4.59	0.40	1.80	± 14.0 %
5500	35.3	5.27	4.71	4.71	4.71	0.40	1.80	± 14.0 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v6.4 and higher (see Page 3), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 60 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is ± 9 MHz, and ConvF assessed at 12 MHz is ± 18 MHz. Above 5 GHz frequency validity can be extended to ± 10 MHz.

^d At frequencies up to 5 GHz, the validity of tissue parameters (a and c) can be relaxed to ± 10% if liquid compression formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^e Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compression 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 (p) diameter from the boundary.

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:7540

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^①	Relative Permittivity ^②	Conductivity (S/m) ^③	ConvF X	ConvF Y	ConvF Z	Alpha ^④	Depth ^⑤ (mm)	Unc (k=2)
8500	34.5	6.07	5.40	5.40	5.40	0.25	2.50	± 18.6 %
7000	33.9	6.65	5.20	5.20	5.20	0.25	2.50	± 18.6 %

^① Frequency validity at 0.5 GHz is 6000~700 MHz, and ± 700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

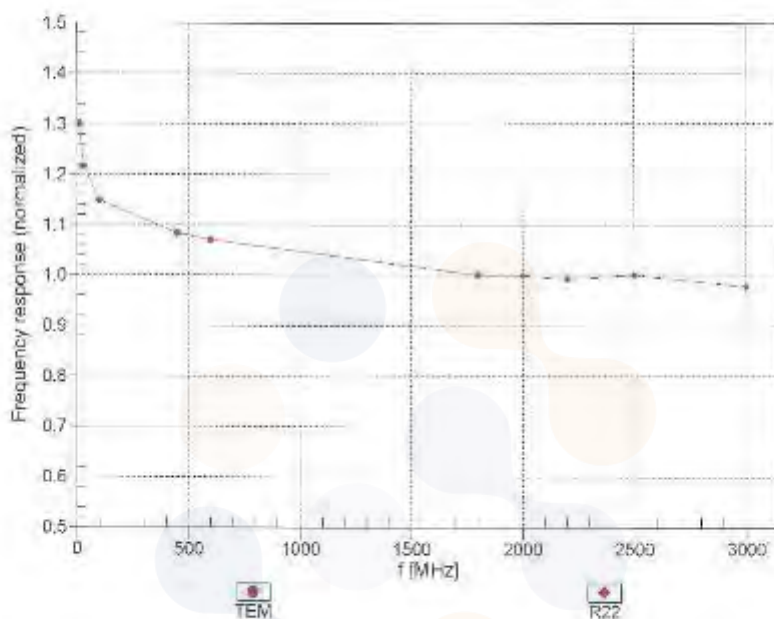
^② At frequencies 6~10 GHz, the validity of tissue parameters (ϵ' and ϵ'') can be relaxed to ± 10% if field compensation/monitor is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

^③ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz; below ± 2% for frequencies between 3.6 GHz; and below ± 4% for frequencies between 6~10 GHz at any distance larger than half the probe tip diameter from the boundary.

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Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

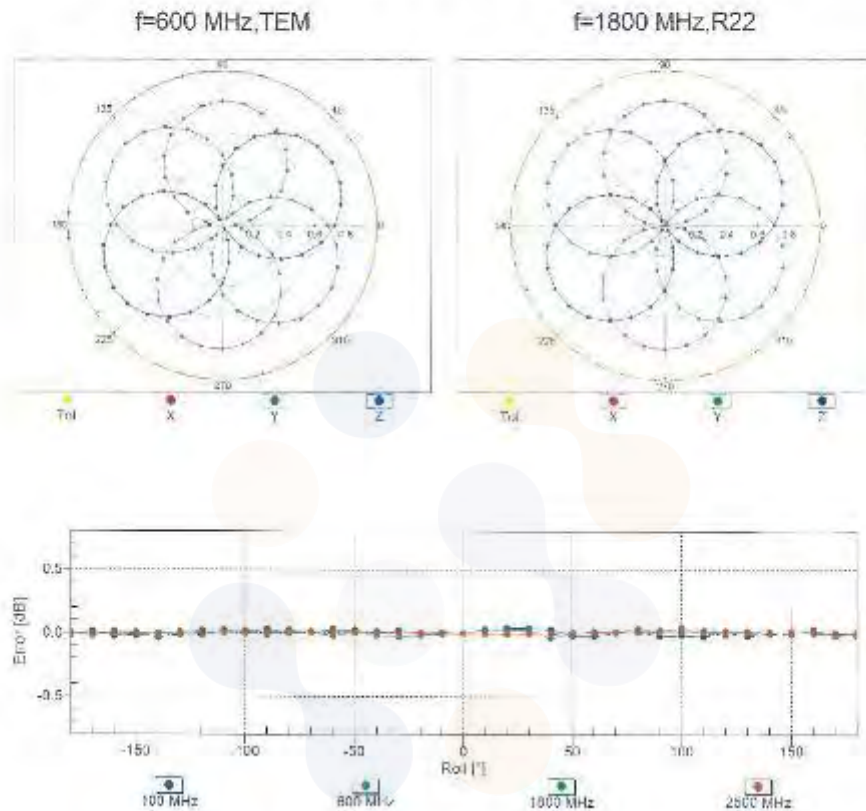


Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

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

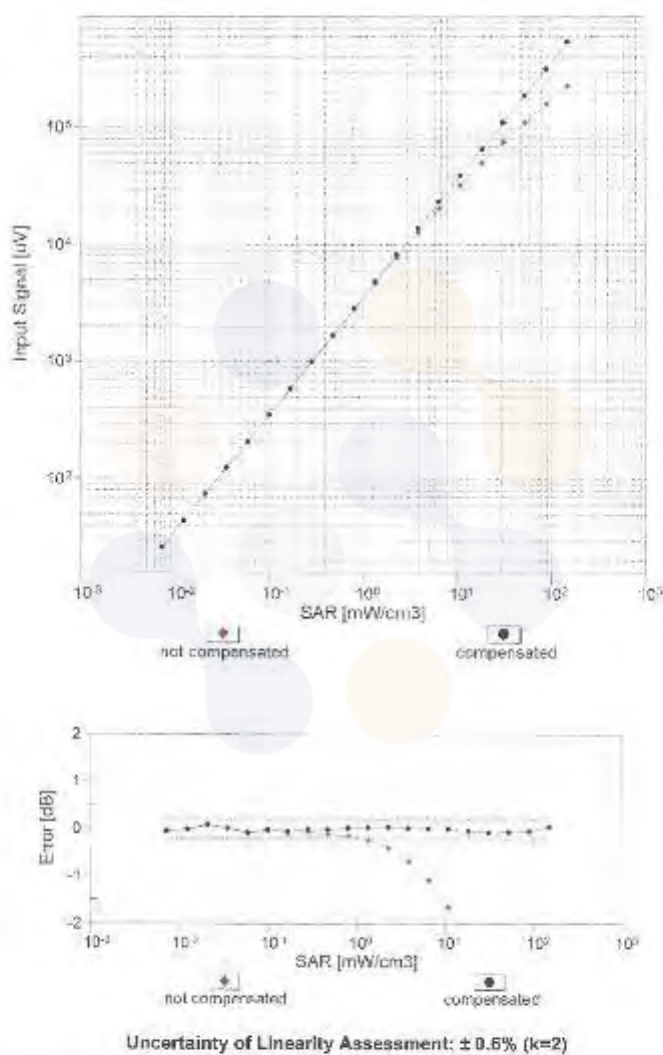


Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ (k=2)

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Dynamic Range f(SAR_{head})
(TEM cell, f_{eval}= 1900 MHz)



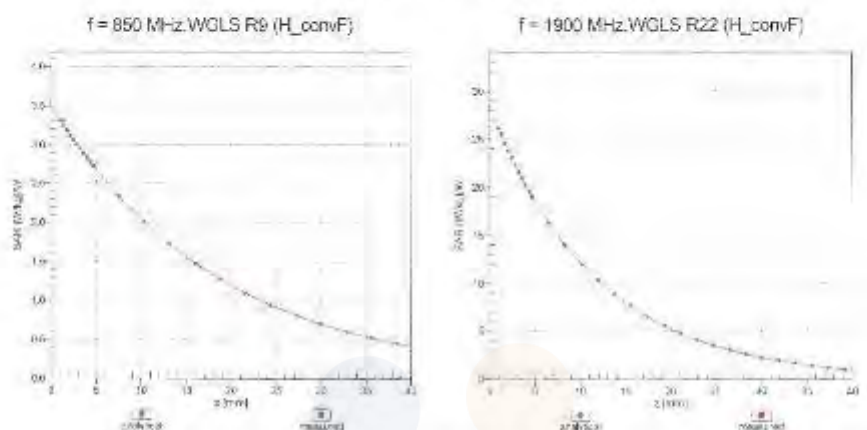
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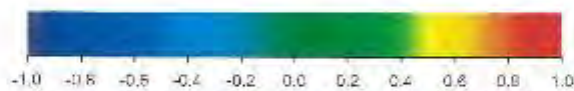
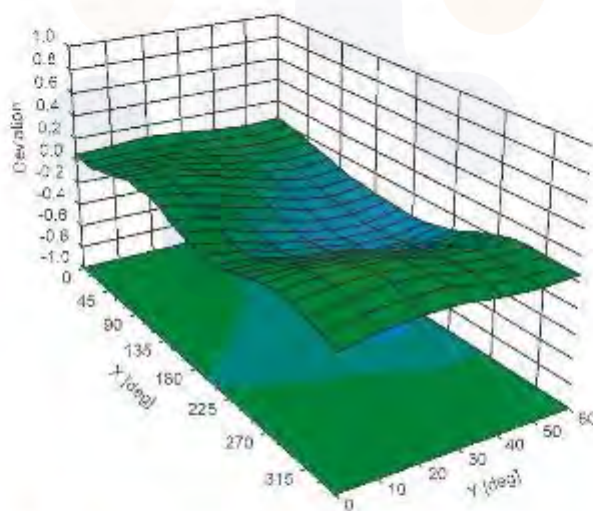
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Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (ϕ , θ), $f = 900$ MHz



Uncertainty of Spherical Isotropy Assessment: $\pm 2.6\%$ ($k=2$)

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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc* (1σ=2)
Q	-	CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 0.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 0.6 %
10012	CAB	IEEE 802.11a WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.07	± 0.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 0.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 0.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 0.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 0.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 0.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.56	± 0.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 0.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 0.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 0.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 0.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	4.87	± 0.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (2FSK, DH5)	Bluetooth	1.16	± 0.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (P4-QPSK, DH1)	Bluetooth	7.74	± 0.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (P4-QPSK, DH3)	Bluetooth	4.53	± 0.6 %
10035	CAA	IEEE 802.15.1 Bluetooth (P4-QPSK, DH5)	Bluetooth	3.83	± 0.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH1)	Bluetooth	8.01	± 0.6 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH3)	Bluetooth	4.77	± 0.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH5)	Bluetooth	4.10	± 0.6 %
10039	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	4.67	± 0.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, P4-QPSK, Fullrate)	AMPS	7.78	± 0.6 %
10044	CAA	IS-95 / IS-TIA-553 FDD (TDMA, Full)	AMPS	0.00	± 0.6 %
10048	CAA	DECT (TDD, TDMA/FDM, QPSK, Full Slot, 24)	DECT	10.00	± 0.6 %
10049	CAA	DECT (TDD, TDMA/FDM, QPSK, Double Slot, 12)	DECT	10.79	± 0.6 %
10058	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mbps)	TD-SCDMA	11.01	± 0.6 %
10058	DAC	GSM-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 0.6 %
10059	CAB	IEEE 802.11a WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 0.6 %
10060	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 0.6 %
10061	CAB	IEEE 802.11a WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	9.60	± 0.6 %
10062	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 8 Mbps)	WLAN	8.68	± 0.6 %
10063	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 3 Mbps)	WLAN	5.03	± 0.6 %
10064	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 0.6 %
10065	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 0.6 %
10066	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.36	± 0.6 %
10067	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 0.6 %
10068	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 0.6 %
10069	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.66	± 0.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 0.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 0.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 0.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 0.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 0.6 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 0.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 0.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 0.6 %
10082	CAD	IS-54 / IS-136 FDD (TDMA/FDM, P4-QPSK, Fullrate)	AMPS	4.77	± 0.6 %
10089	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 0.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 0.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtree, 2)	WCDMA	3.98	± 0.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 0.6 %

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10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.87	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10148	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10149	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10148	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.80	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.45	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %

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10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	6.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	6.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 85 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.00	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	9.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.48	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %

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10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.15	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-TDD (HSUPA, Subclass 5, 3GPP Rel.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-TDD (HSUPA, Subclass 5, 3GPP Rel.10)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Roll-off 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Roll-off 0.36)	PHS	12.18	± 9.6 %
10290	AAR	CDMA2000, RC1, SCSS, Full Rate	CDMA2000	3.01	± 9.6 %
10291	AAB	CDMA2000, RC3, SCSS, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SCSS, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SCSS, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SCSS, 1/8th Rate 25.1k	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 60% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10299	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (20MHz, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WIMAX (20MHz, 5ms, 10MHz, QPSK, PUSC, 3C1RL)	WIMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WIMAX (20MHz, 5ms, 10MHz, 16QAM, PUSC)	WIMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (20MHz, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WIMAX (20MHz, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10306	AAA	IEEE 802.16e WIMAX (20MHz, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	14.87	± 9.6 %
10307	AAA	IEEE 802.16e WIMAX (20MHz, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WIMAX (20MHz, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.40	± 9.6 %
10309	AAA	IEEE 802.16e WIMAX (20MHz, 10ms, 10MHz, 16QAM, AMC 2x3)	WIMAX	14.56	± 9.6 %
10310	AAA	IEEE 802.16e WIMAX (20MHz, 10ms, 10MHz, QPSK, AMC 2x3)	WIMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	IDEN 1.3	IDEN	10.51	± 9.6 %
10314	AAA	IDEN 1.6	IDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11n WiFi 2.4 GHz (13SSS, 1 Mbps, 96pc dc)	WLAN	4.71	± 9.6 %
10316	AAB	IEEE 802.11n WiFi 2.4 GHz (ERP OFDM, 8 Mbps, 96pc dc)	WLAN	8.35	± 9.6 %
10317	AAD	IEEE 802.11n WiFi 5 GHz (OFDM, 8 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.03	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.89	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.96	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10386	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10389	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 96pc dc)	WLAN	8.37	± 9.6 %
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 96pc dc)	WLAN	8.60	± 9.6 %
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 96pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SCSS, 3C10, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub-2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %

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10414	AAA	WLAN CDFE, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 30psdc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99psdc)	WLAN	8.23	± 9.6 %
10417	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps, 99psdc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99psdc Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99psdc Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield), 7.2 Mbps, 8PSK	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield), 43.3 Mbps, 16-QAM	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield), 72.2 Mbps, 64-QAM	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield), 10 Mbps, 8PSK	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield), 90 Mbps, 16-QAM	WLAN	8.45	± 9.6 %
10427	AAC	IEEE 802.11n (HT Greenfield), 144 Mbps, 64-QAM	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.36	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCCH)	WCDMA	8.80	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10437	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.98	± 9.6 %
10438	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.93	± 9.6 %
10439	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.91	± 9.6 %
10430	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99psdc)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSPA)	WCDMA	8.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	8.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.50	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.50	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.62	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.58	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %

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10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.35	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAW	IEEE 802.11e WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11e WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11e WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAG	IEEE 802.11a/n WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.08	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.28	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.48	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.05	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %

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10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 98ps dc)	WLAN	8.48	± 9.6 %
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 98ps dc)	WLAN	8.37	± 9.6 %
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 98ps dc)	WLAN	8.39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 98ps dc)	WLAN	8.50	± 9.6 %
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 98ps dc)	WLAN	8.42	± 9.6 %
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 98ps dc)	WLAN	8.45	± 9.6 %
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 98ps dc)	WLAN	8.48	± 9.6 %
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 98ps dc)	WLAN	8.47	± 9.6 %
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 98ps dc)	WLAN	8.50	± 9.6 %
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 98ps dc)	WLAN	8.52	± 9.6 %
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 98ps dc)	WLAN	8.61	± 9.6 %
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 98ps dc)	WLAN	8.73	± 9.6 %
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 98ps dc)	WLAN	8.56	± 9.6 %
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 98ps dc)	WLAN	8.69	± 9.6 %
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 98ps dc)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 98ps dc)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 98ps dc)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 98ps dc)	WLAN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 98ps dc)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 98ps dc)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 98ps dc)	WLAN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 98ps dc)	WLAN	8.50	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 98ps dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 98ps dc)	WLAN	1.89	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 98ps dc)	WLAN	1.96	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 98ps dc)	WLAN	1.88	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 98ps dc)	WLAN	8.50	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 98ps dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 98ps dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 98ps dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 98ps dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 98ps dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 98ps dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 98ps dc)	WLAN	8.67	± 9.6 %
10583	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 6 Mbps, 98ps dc)	WLAN	8.58	± 9.6 %
10584	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 9 Mbps, 98ps dc)	WLAN	8.60	± 9.6 %
10585	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps, 98ps dc)	WLAN	8.70	± 9.6 %
10586	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps, 98ps dc)	WLAN	8.49	± 9.6 %
10587	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps, 98ps dc)	WLAN	8.36	± 9.6 %
10588	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps, 98ps dc)	WLAN	8.76	± 9.6 %
10589	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps, 98ps dc)	WLAN	8.35	± 9.6 %
10590	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps, 98ps dc)	WLAN	8.67	± 9.6 %
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 98ps dc)	WLAN	8.63	± 9.6 %
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 98ps dc)	WLAN	8.79	± 9.6 %
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 98ps dc)	WLAN	8.64	± 9.6 %
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 98ps dc)	WLAN	8.74	± 9.6 %
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 98ps dc)	WLAN	8.71	± 9.6 %
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 98ps dc)	WLAN	8.71	± 9.6 %
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 98ps dc)	WLAN	8.72	± 9.6 %
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 98ps dc)	WLAN	8.50	± 9.6 %
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 98ps dc)	WLAN	8.79	± 9.6 %
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 98ps dc)	WLAN	8.88	± 9.6 %
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 98ps dc)	WLAN	8.82	± 9.6 %
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 98ps dc)	WLAN	8.94	± 9.6 %
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 98ps dc)	WLAN	9.03	± 9.6 %
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 98ps dc)	WLAN	8.76	± 9.6 %

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10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.76	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.88	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.97	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.98	± 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.65	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.60	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS10, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.85	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.06	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (1X Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

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10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.82	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.28	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.76	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.81	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.60	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.68	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.23	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.87	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.25	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.60	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

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10729	AAC	IEEE 802.11ax (80MHz, MCS10, 99ps dc)	WLAN	8.54	+9.6%
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 99ps dc)	WLAN	8.57	+9.6%
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99ps dc)	WLAN	8.42	+9.6%
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99ps dc)	WLAN	8.46	+9.6%
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99ps dc)	WLAN	8.40	+9.6%
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99ps dc)	WLAN	8.25	+9.6%
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99ps dc)	WLAN	8.33	+9.6%
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99ps dc)	WLAN	8.27	+9.6%
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99ps dc)	WLAN	8.36	+9.6%
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99ps dc)	WLAN	8.42	+9.6%
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99ps dc)	WLAN	8.29	+9.6%
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99ps dc)	WLAN	8.48	+9.6%
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99ps dc)	WLAN	8.40	+9.6%
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99ps dc)	WLAN	8.43	+9.6%
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 99ps dc)	WLAN	8.94	+9.6%
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 99ps dc)	WLAN	9.16	+9.6%
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 99ps dc)	WLAN	8.93	+9.6%
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 99ps dc)	WLAN	9.11	+9.6%
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 99ps dc)	WLAN	9.04	+9.6%
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 99ps dc)	WLAN	9.23	+9.6%
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 99ps dc)	WLAN	8.90	+9.6%
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 99ps dc)	WLAN	8.79	+9.6%
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 99ps dc)	WLAN	8.82	+9.6%
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 99ps dc)	WLAN	8.81	+9.6%
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 99ps dc)	WLAN	9.00	+9.6%
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 99ps dc)	WLAN	8.94	+9.6%
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99ps dc)	WLAN	8.64	+9.6%
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99ps dc)	WLAN	8.77	+9.6%
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99ps dc)	WLAN	8.77	+9.6%
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99ps dc)	WLAN	8.69	+9.6%
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99ps dc)	WLAN	8.58	+9.6%
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99ps dc)	WLAN	8.49	+9.6%
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99ps dc)	WLAN	8.58	+9.6%
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99ps dc)	WLAN	8.40	+9.6%
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99ps dc)	WLAN	8.53	+9.6%
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99ps dc)	WLAN	8.54	+9.6%
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99ps dc)	WLAN	8.54	+9.6%
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99ps dc)	WLAN	8.51	+9.6%
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	+9.6%
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6%
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6%
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6%
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6%
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	+9.6%
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	+9.6%
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6%
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	+9.6%
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	+9.6%
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	+9.6%
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	+9.6%
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	+9.6%
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.36	+9.6%
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.36	+9.6%
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.45	+9.6%
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	+9.6%
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	+9.6%

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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAE	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAE	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.88	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.78	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

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10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.69	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 120 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.06	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 10QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 10QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.63	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.81	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAB	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.06	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAB	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.90	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 60% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.80	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

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10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	+9.6%
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	+9.6%
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	+9.6%
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	+9.6%
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	+9.6%
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	+9.6%
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	+9.6%
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	+9.6%
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	+9.6%
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	+9.6%
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	+9.6%
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	+9.6%
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	+9.6%
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.50	+9.6%
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	+9.6%
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.80	+9.6%
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.62	+9.6%
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	+9.6%
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	+9.6%
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	+9.6%
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	+9.6%
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	+9.6%
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	+9.6%
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	+9.6%
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	+9.6%
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	+9.6%
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	+9.6%
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	+9.6%
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	+9.6%
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.25	+9.6%
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.15	+9.6%
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.23	+9.6%
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.42	+9.6%
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.14	+9.6%
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.31	+9.6%
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 35 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.61	+9.6%
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.33	+9.6%
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	+9.6%
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	+9.6%
10962	AAD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	+9.6%
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	+9.6%
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.29	+9.6%
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.37	+9.6%
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 35 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	+9.6%
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	+9.6%
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	+9.6%
10969	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	+9.6%
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	+9.6%
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	+9.6%
10978	AAA	ULLA BDR	ULLA	2.23	+9.6%
10979	AAA	ULLA HDR4	ULLA	7.02	+9.6%
10980	AAA	ULLA HDR8	ULLA	8.82	+9.6%
10981	AAA	ULLA HDR16	ULLA	1.50	+9.6%
10982	AAA	ULLA HDR32	ULLA	1.41	+9.6%
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	+9.6%
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	+9.6%

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10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 9.6 %
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 9.6 %
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10991	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 9.6 %
10993	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 9.6 %

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 SN7541)

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zougbastrasse 43, 8004 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-7541_Jul22**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:7541**

Calibration procedure(s): **QA CAL-01.v8, QA CAL-12.v8, QA CAL-14.v5, QA CAL-23.v5,
QA CAL-25.v7
Calibration procedure for dosimetric E-field probes**

Calibration date: **July 22, 2022**

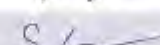
This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (MATE critical for calibration)

Primary Standards	ID	Cal. Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	24-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP-281	SN: 103244	24-Apr-22 (No. 217-03524)	Apr-23
OCP DAK 4.5 (weighting)	SN: 1249	20-Oct-21 (OCP-DAK3.5-1249_Oct21)	Oct-22
OCP DAK-12	SN: 1016	20-Oct-21 (OCP-DAK12-1016_Oct21)	Oct-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	24-Apr-22 (No. 217-03527)	Apr-23
DAEs	SN: 660	16-Oct-21 (No. DAE4-660_Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: G8412938/4	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41496007	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 8848C	SN: JS3642U01700	04-Aug-09 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8268A	SN: JS41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

	Name	Function	Signature
Calibrated by	Tim Rytman	Laboratory Technician	
Approved by	Sven Künz	Technical Manager	
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			
Issued: July 26, 2022			

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Calibration Laboratory of

Schmid & Partner
Engineering AG

Zeughausstrasse 45, 8004 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 0103

Glossary

TSL	Issue 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); $\theta=0$ 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 62209-1523, "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 1523: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDS 665684, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- $NORM_{x,y,z}$: Assessed for E-field polarization $\theta = 0$ ($f < 900$ MHz in TEM cell; $f > 1200$ MHz: RP2 waveguide). $NORM_{x,y,z}$ are only intermediate values, i.e., the uncertainties of $NORM_{x,y,z}$ does not affect the E^2 -field uncertainty inside TSL (see below ConvF).
- $NORM_{eff}(x,y,z) = NORM_{x,y,z} \cdot frequency_response$ (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.
- $A_{x,y,z}$; $B_{x,y,z}$; $C_{x,y,z}$; $D_{x,y,z}$; $MR_{x,y,z}$; 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 (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, 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 $NORM_{x,y,z} \cdot ConvF$ 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 fat 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: This angle is assessed using the information gained by determining the $NORM_{x,y,z}$ (no uncertainty required).

EX3DV4 - SN:7541

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Parameters of Probe: EX3DV4 - SN:7541

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc. (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.63	0.64	0.63	$\pm 10.1\%$
DCP (mV) ^B	99.6	97.8	99.6	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{pV}$	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	170.5	$\pm 2.7\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		161.1		
		Z	0.00	0.00	1.00		161.1		
10352	Pulse Waveform (200Hz, 10%)	X	17.91	85.05	17.53	10.00	60.0	$\pm 4.0\%$	$\pm 9.6\%$
		Y	20.00	90.42	20.25		60.0		
		Z	2.18	83.51	8.64		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	86.49	17.28	5.99	60.0	$\pm 2.7\%$	$\pm 9.6\%$
		Y	20.00	91.17	19.66		60.0		
		Z	1.34	81.76	7.11		60.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	87.04	16.00	3.98	95.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	20.00	93.15	19.35		95.0		
		Z	0.73	80.93	5.98		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	90.18	16.98	2.22	120.0	$\pm 0.7\%$	$\pm 9.6\%$
		Y	20.00	94.02	16.50		120.0		
		Z	0.45	80.31	5.47		120.0		
10387	QPSK Waveform, 1 MHz	X	1.73	66.69	15.37	1.00	150.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	1.53	64.00	13.64		150.0		
		Z	1.58	65.18	14.33		150.0		
10388	QPSK Waveform, 10 MHz	X	2.33	66.74	16.12	0.00	150.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	2.00	65.84	14.34		150.0		
		Z	2.09	66.84	15.06		150.0		
10396	64-QAM Waveform, 100 kHz	X	3.27	72.26	18.72	3.01	150.0	$\pm 0.8\%$	$\pm 9.6\%$
		Y	2.96	69.85	18.38		150.0		
		Z	2.82	70.58	19.19		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.57	67.43	15.97	0.00	150.0	$\pm 2.1\%$	$\pm 9.6\%$
		Y	3.36	66.07	15.06		150.0		
		Z	3.41	68.53	15.42		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.93	65.66	15.69	0.00	150.0	$\pm 4.1\%$	$\pm 9.6\%$
		Y	4.79	65.06	15.13		150.0		
		Z	4.79	65.93	15.33		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 E-field uncertainty inside TS (see Pages 5 and 8).

^B DCP is a parameter uncertainty for maximum specified field strength.

^E Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed in the square of the full scale.

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Parameters of Probe: EX3DV4 - SN:7541**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	47.2	352.41	35.62	24.57	0.00	5.05	1.18	0.30	1.01
y	49.8	377.16	36.19	18.26	0.00	5.10	1.04	0.36	1.01
z	44.4	332.88	35.64	15.76	0.00	4.96	1.76	0.06	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-89.9°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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Parameters of Probe: EX3DV4 - SN:7541

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.69	10.30	10.30	10.30	0.42	1.02	±12.0%
850	41.5	0.92	9.95	9.95	9.95	0.52	0.80	±12.0%
900	41.5	0.97	9.88	9.88	9.88	0.45	0.88	±12.0%
1750	40.1	1.37	8.83	8.83	8.83	0.31	0.88	±12.0%
1900	40.0	1.40	8.33	8.33	8.33	0.38	0.88	±12.0%
2300	39.5	1.67	8.04	8.04	8.04	0.34	0.90	±12.0%
2450	39.2	1.80	7.69	7.69	7.69	0.34	0.90	±12.0%
2600	39.0	1.96	7.53	7.53	7.53	0.40	0.90	±12.0%
3300	38.2	2.71	7.03	7.03	7.03	0.35	1.35	±14.0%
3500	37.9	2.91	6.70	6.70	6.70	0.35	1.35	±14.0%
3700	37.7	3.12	6.54	6.54	6.54	0.35	1.35	±14.0%
3900	37.5	3.32	6.51	6.51	6.51	0.40	1.50	±14.0%
4100	37.2	3.53	6.47	6.47	6.47	0.40	1.50	±14.0%
4400	36.9	3.84	6.42	6.42	6.42	0.40	1.60	±14.0%
4600	36.7	4.04	6.41	6.41	6.41	0.40	1.80	±14.0%
4800	36.4	4.25	6.37	6.37	6.37	0.40	1.80	±14.0%
4950	36.3	4.40	6.06	6.06	6.06	0.40	1.80	±14.0%
5250	35.9	4.71	5.43	5.43	5.43	0.40	1.80	±14.0%
5600	35.5	5.07	4.68	4.68	4.68	0.40	1.80	±14.0%
5800	35.3	5.27	4.71	4.71	4.71	0.40	1.80	±14.0%

^C Frequency valid to above 300 MHz at ±100 MHz only applies for DASy v1.4 and higher (see Page 8), else it is restricted to +50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 8 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–10 MHz. Above 5 GHz frequency validity can be extended to ±100 MHz.

^F At frequencies up to 6 GHz, the validity of tissue parameters (ϵ and σ) can be relaxed to ±10%. If liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

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Parameters of Probe: EX3DV4 - SN:7541

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
6500	34.6	6.07	5.40	5.40	5.40	0.25	2.50	±18.6%
7000	33.9	6.65	4.67	4.67	4.67	0.10	1.80	±18.6%

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

^F At frequencies 6-10GHz, the validity of tissue parameters (ϵ' and σ') can be relaxed to $\pm 10\%$ if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

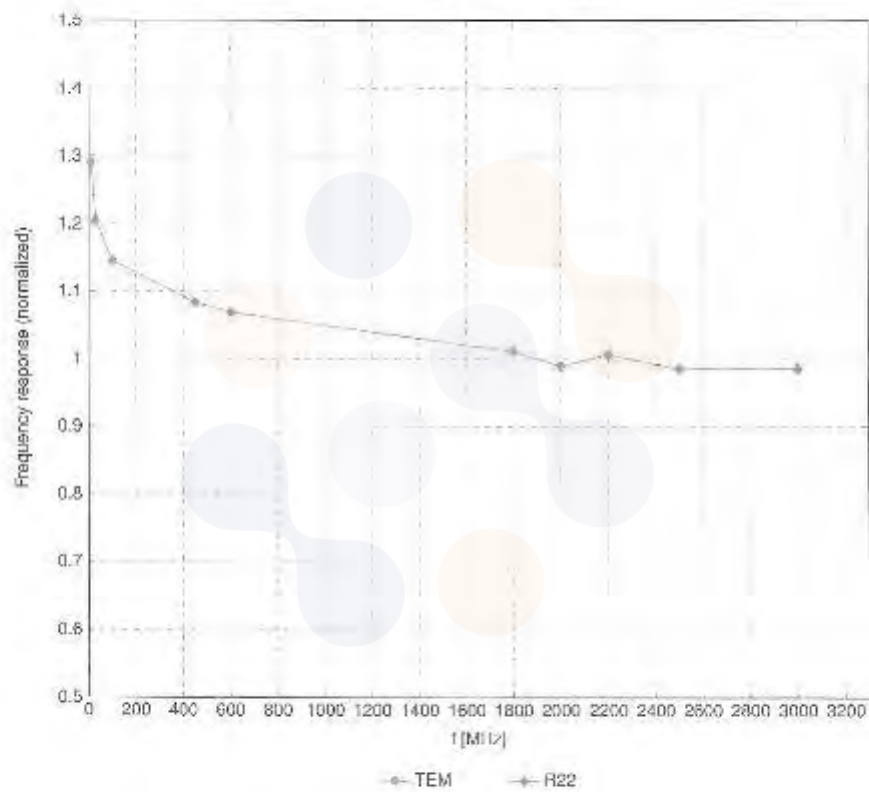


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Frequency Response of E-Field

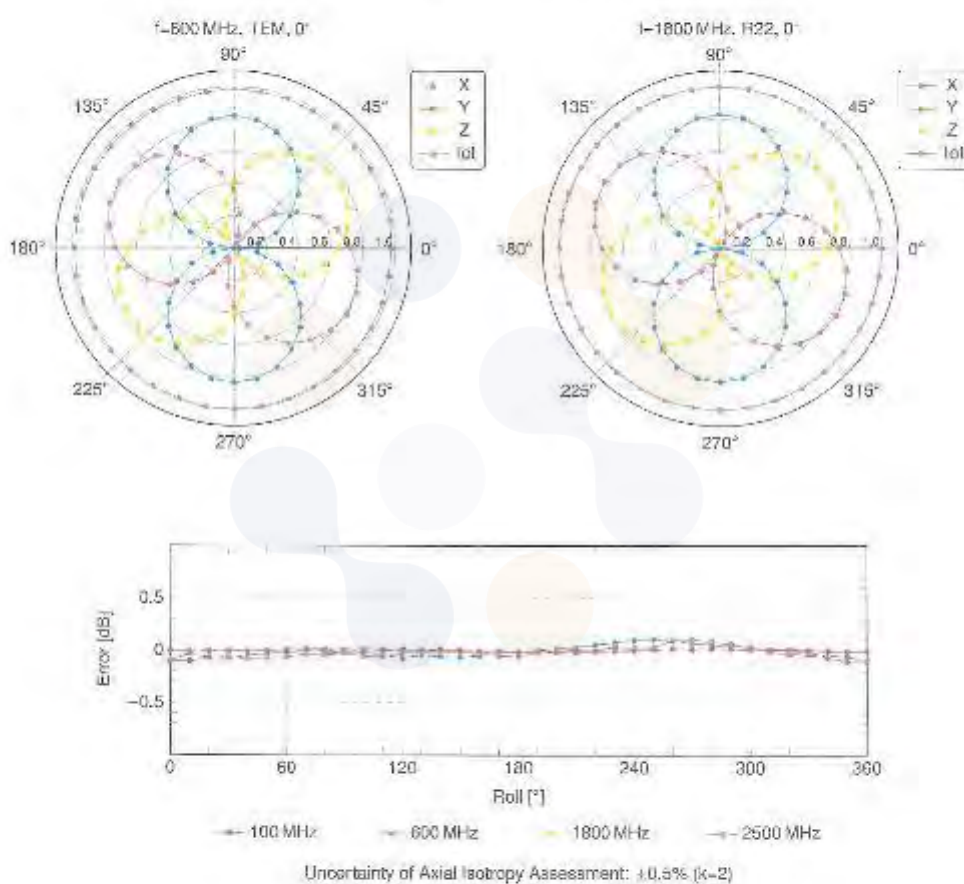
{TEM-Cell:ili110 EXX, Waveguide:R22}



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

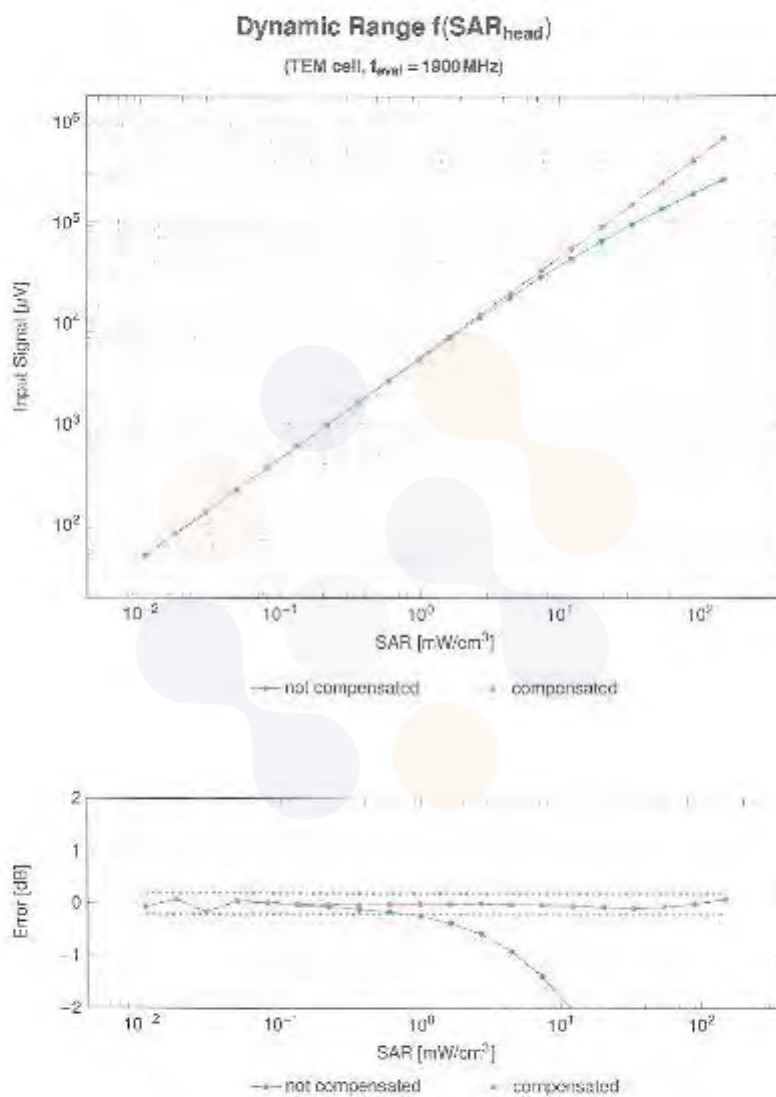
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Receiving Pattern (ϕ), $\theta = 0^\circ$ 

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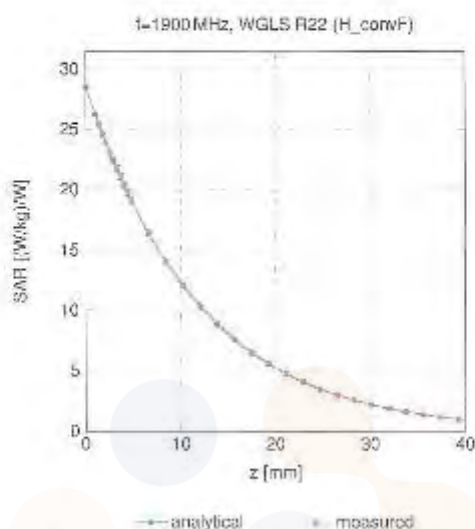
July 22, 2022

Uncertainty of Linearity Assessment: $\pm 0.6\%$ (k=2)

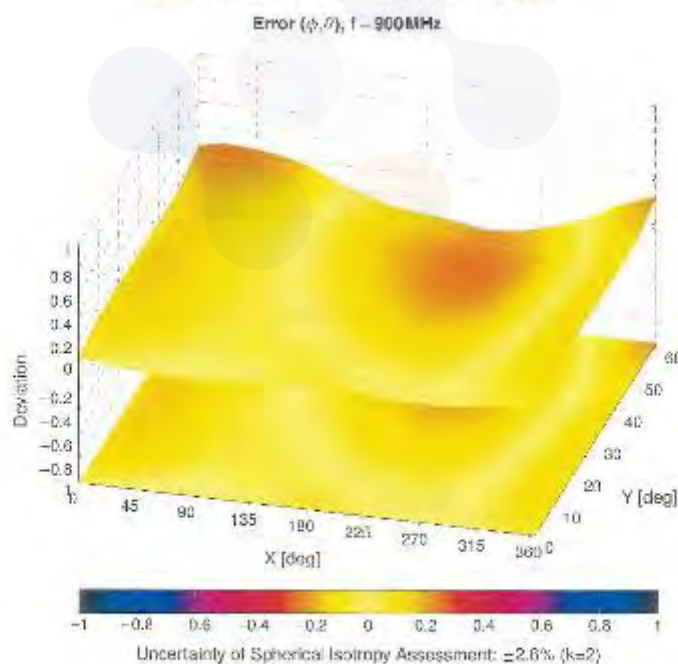
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Appendix: Modulation Calibration Parameters

IND	REV	Communication System Name	Group	PAR (dB)	Unc ² K=2
Q		CW	CW	0.00	±0.7
10010	CAB	SAR Validation (Square, 100ms, 10ms)	CW	10.00	±0.5
10011	CAB	UMTS FDD (WCDMA)	WCDMA	5.81	±0.5
10012	CAB	IEEE 802.11b WIF 2.4GHz (DSSS, 1Mbps)	WLAN	1.07	±0.5
10013	CAB	IEEE 802.11g WIF 2.4GHz (DSSS-OFDM, 5Mbps)	WLAN	5.46	±0.5
10014	CAB	GERM FDD (TDMA, GMSK)	GERM	5.29	±0.5
10015	CAB	GERM FDD (TDMA, GMSK, TN 0-1)	GERM	5.67	±0.5
10016	CAB	GERM FDD (TDMA, GMSK, TN 0-1)	GERM	5.66	±0.5
10017	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10018	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10019	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10020	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10021	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10022	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10023	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10024	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10025	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10026	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10027	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10028	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10029	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10030	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10031	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10032	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10033	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10034	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10035	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10036	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10037	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10038	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10039	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10040	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10041	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10042	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10043	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10044	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10045	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10046	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10047	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10048	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10049	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10050	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10051	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10052	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10053	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10054	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10055	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10056	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10057	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10058	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10059	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10060	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10061	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10062	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10063	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10064	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10065	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10066	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10067	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10068	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10069	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10070	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10071	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10072	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10073	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10074	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10075	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10076	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10077	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10078	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10079	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10080	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10081	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10082	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10083	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10084	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10085	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10086	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10087	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
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10093	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10094	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10095	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10096	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10097	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10098	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10099	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10100	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10101	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10102	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10103	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10104	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10105	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10106	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10107	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10108	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10109	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10110	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5
10111	CAB	EDGE FDD (TDMA, GPRS, TN 0-1)	GERM	5.65	±0.5

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UID	Rev	Communication System Name	Group	FAR (dB)	Unc ¹ K-2
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	8.59	+9.0
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	8.62	+9.0
10114	CAG	IEEE 802.11n (HT Mixed, 13.5Mbps, BPSK)	WLAN	8.10	+9.0
10115	CAG	IEEE 802.11n (HT Mixed, 81Mbps, 16-QAM)	WLAN	8.45	+9.0
10116	CAG	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.15	+9.0
10117	CAG	IEEE 802.11n (HT Mixed, 13.5Mbps, BPSK)	WLAN	8.07	+9.0
10118	CAG	IEEE 802.11n (HT Mixed, 81Mbps, 16-QAM)	WLAN	8.59	+9.0
10119	CAG	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	+9.0
10140	CAG	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	8.49	+9.0
10141	CAG	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	8.63	+9.0
10142	CAG	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	8.73	+9.0
10143	CAG	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	8.9F	+9.0
10144	CAG	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	8.65	+9.0
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	8.7C	+9.0
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	8.47	+9.0
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-FDD	8.7E	+9.0
10149	CAG	LTE-FDD (SC-FDMA, 80% RB, 20MHz, 16-QAM)	LTE-FDD	8.4E	+9.0
10151	CAG	LTE-FDD (SC-FDMA, 80% RB, 20MHz, 64-QAM)	LTE-FDD	8.60	+9.0
10151	CAG	LTE-FDD (SC-FDMA, 80% RB, 20MHz, QPSK)	LTE-FDD	8.2E	+9.0
10152	CAG	LTE-FDD (SC-FDMA, 80% RB, 20MHz, 16-QAM)	LTE-FDD	8.9E	+9.0
10153	CAG	LTE-FDD (SC-FDMA, 80% RB, 20MHz, 64-QAM)	LTE-FDD	10.0E	+9.0
10154	CAG	LTE-FDD (SC-FDMA, 80% RB, 10MHz, QPSK)	LTE-FDD	8.7F	+9.0
10155	CAG	LTE-FDD (SC-FDMA, 80% RB, 10MHz, 16-QAM)	LTE-FDD	8.43	+9.0
10156	CAG	LTE-FDD (SC-FDMA, 80% RB, 5MHz, QPSK)	LTE-FDD	8.79	+9.0
10157	CAG	LTE-FDD (SC-FDMA, 80% RB, 5MHz, 16-QAM)	LTE-FDD	8.43	+9.0
10158	CAG	LTE-FDD (SC-FDMA, 80% RB, 10MHz, 64-QAM)	LTE-FDD	8.87	+9.0
10159	CAG	LTE-FDD (SC-FDMA, 80% RB, 5MHz, 64-QAM)	LTE-FDD	8.55	+9.0
10160	CAG	LTE-FDD (SC-FDMA, 80% RB, 15MHz, QPSK)	LTE-FDD	8.83	+9.0
10161	CAG	LTE-FDD (SC-FDMA, 80% RB, 15MHz, 16-QAM)	LTE-FDD	8.83	+9.0
10162	CAG	LTE-FDD (SC-FDMA, 80% RB, 15MHz, 64-QAM)	LTE-FDD	8.43	+9.0
10163	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4MHz, QPSK)	LTE-FDD	8.43	+9.0
10164	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4MHz, 16-QAM)	LTE-FDD	8.21	+9.0
10165	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4MHz, 64-QAM)	LTE-FDD	8.78	+9.0
10166	CAG	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	8.73	+9.0
10167	CAG	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	8.62	+9.0
10168	CAG	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FDD	8.4E	+9.0
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	8.61	+9.0
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	8.4E	+9.0
10171	CAG	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FDD	10.2E	+9.0
10172	CAG	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	8.7E	+9.0
10173	CAG	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10174	CAG	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	8.7E	+9.0
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10177	CAG	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	8.7E	+9.0
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10185	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10189	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10190	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10191	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10192	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10193	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10194	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10195	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10196	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10197	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10198	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10199	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10200	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10201	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10202	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0
10203	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	8.6E	+9.0
10204	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	8.6E	+9.0

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ID	Rev	Communication System Name	Group	PAR (dB)	Upl ^a fl. = 2
10307	AA2	IEEE 802.16a WMAN (CS 8, 10 MHz, 10 MHz, QPSK, F, ARQ)	WMAN	14.46	+9.0
10308	AA2	IEEE 802.16a WMAN (CS 8, 10 MHz, 10 MHz, 16QAM, PUSC)	WMAN	14.46	+9.0
10309	AA2	IEEE 802.16a WMAN (CS 8, 10 MHz, 10 MHz, 16QAM, ARQ, PUSC)	WMAN	14.46	+9.0
10310	AA2	IEEE 802.16a WMAN (CS 8, 10 MHz, 10 MHz, QPSK, ARQ, PUSC)	WMAN	14.57	+9.0
10311	AA2	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	0.35	+9.0
10313	AA2	OFDM 1.8	OFDM	10.51	+9.0
10314	AA2	OFDM 1.8	OFDM	13.48	+9.0
10315	AA2	IEEE 802.11a W/F 5.2 GHz (DSSS, 1 Mbps, 800-cc)	WLAN	1.71	+9.0
10316	AA2	IEEE 802.11a W/F 5.2 GHz (OFDM-PPDM, 6 Mbps, 800-cc)	WLAN	3.38	+9.0
10317	AA2	IEEE 802.11a W/F 5 GHz (OFDM, 6 Mbps, 800-cc)	WLAN	3.38	+9.0
10357	AAA	Pulse Waveform (200 Hz, 10%)	General	10.00	+9.0
10353	AAA	Pulse Waveform (200 Hz, 20%)	General	8.88	+9.0
10354	AAA	Pulse Waveform (200 Hz, 40%)	General	3.88	+9.0
10355	AAA	Pulse Waveform (200 Hz, 60%)	General	2.22	+9.0
10356	AAA	Pulse Waveform (200 Hz, 80%)	General	1.87	+9.0
10367	AAA	QPSK Waveform, 1 MHz	General	5.10	+9.0
10369	AAA	QPSK Waveform, 10 MHz	General	5.25	+9.0
10382	AAA	64-QAM Waveform, 100 kHz	General	5.27	+9.0
10389	AAA	64-QAM Waveform, 40 MHz	General	5.27	+9.0
10402	AAU	LL-LB2, 11ac WH (20 MHz, 84-QAM, 99cc-d)	WLAN	3.87	+9.0
10403	AAU	LL-LB2, 11ac WH (40 MHz, 84-QAM, 99cc-d)	WLAN	5.60	+9.0
10404	AAU	LL-LB2, 11ac WH (80 MHz, 84-QAM, 99cc-d)	WLAN	8.35	+9.0
10405	AAU	CDMA2000 1X-EV-DO, Rev. 0	CDMA2000	3.75	+9.0
10406	AAU	CDMA2000 1X-EV-DO, Rev. A	CDMA2000	3.77	+9.0
10406	AAU	CDMA2000 3.1X (HSPA, HSPA+, Full Rate)	CDMA2000	5.22	+9.0
104 0	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, L, 500-cc, 3.4 7.0)	LTE-TDD	7.39	+9.0
104 4	AAA	WLAN QPSK, 84-QAM, 40 MHz	General	8.54	+9.0
104 5	AAA	IEEE 802.11a W/F 5.2 GHz (DSSS, 1 Mbps, 800-cc)	WLAN	1.54	+9.0
104 6	AAA	IEEE 802.11a W/F 5.2 GHz (OFDM-PPDM, 6 Mbps, 800-cc)	WLAN	3.23	+9.0
104 7	AAA	IEEE 802.11a W/F 5.2 GHz (OFDM, 6 Mbps, 800-cc)	WLAN	3.25	+9.0
104 8	AAA	IEEE 802.11g W/F 2.4 GHz (DSSS-OFDM, 6 Mbps, 800-cc, Long)	WLAN	3.14	+9.0
104 9	AAA	IEEE 802.11g W/F 2.4 GHz (DSSS-OFDM, 6 Mbps, 800-cc, Short)	WLAN	3.14	+9.0
10422	AAA	IEEE 802.11n HT Greenfield, 7.2 Mbps, 50% CC	WLAN	9.33	+9.0
10423	AAA	IEEE 802.11n HT Greenfield, 15.3 Mbps, 16-QAM	WLAN	9.47	+9.0
10424	AAA	IEEE 802.11n HT Greenfield, 72.2 Mbps, 84-QAM	WLAN	9.40	+9.0
10425	AAA	IEEE 802.11n HT Greenfield, 15 Mbps, 50% CC	WLAN	9.41	+9.0
10426	AAA	IEEE 802.11n HT Greenfield, 30 Mbps, 16-QAM	WLAN	9.45	+9.0
10427	AAA	IEEE 802.11n HT Greenfield, 150 Mbps, 64-QAM	WLAN	9.41	+9.0
10430	AAU	LTE-FDD (SC-FDMA, 5 MHz, 5-TM 3.7)	LTE-FDD	0.20	+9.0
10431	AAU	LTE-FDD (SC-FDMA, 10 MHz, 5-TM 3.7)	LTE-FDD	0.30	+9.0
10432	AAU	LTE-FDD (SC-FDMA, 15 MHz, 5-TM 3.7)	LTE-FDD	0.34	+9.0
10433	AAU	LTE-FDD (SC-FDMA, 20 MHz, 5-TM 3.7)	LTE-FDD	0.34	+9.0
10434	AAU	WCDMA (3G Test Model 1, 64 QPSK, Clipping 44%)	WCDMA	0.00	+9.0
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, L, 500-cc)	LTE-TDD	7.82	+9.0
10437	AAA	LTE-FDD (SC-FDMA, 5 MHz, L, TM 3.7, Clipping 44%)	LTE-FDD	7.06	+9.0
10438	AAA	LTE-FDD (SC-FDMA, 10 MHz, L, TM 3.7, Clipping 44%)	LTE-FDD	7.55	+9.0
10439	AAU	LTE-FDD (SC-FDMA, 15 MHz, L, TM 3.7, Clipping 44%)	LTE-FDD	7.51	+9.0
10439	AAA	LTE-FDD (SC-FDMA, 20 MHz, L, TM 3.7, Clipping 44%)	LTE-FDD	7.48	+9.0
10451	AAA	WCDMA (3G Test Model 1, 64 QPSK, Clipping 44%)	WCDMA	3.50	+9.0
10453	AAU	Velvetone (Square, 10 MHz, 10 MHz)	Test	10.00	+9.0
10453	AAU	IEEE 802.11a W/F 5.2 GHz (OFDM, 64-QAM, 800-cc)	WLAN	8.83	+9.0
10457	AAU	UMTS FDD (DS-SSMA)	WCDMA	8.20	+9.0
10459	AAU	CDMA2000 1X-EV-DO, Rev. 0, 2 carriers	CDMA2000	8.85	+9.0
10459	AAU	CDMA2000 1X-EV-DO, Rev. 0, 3 carriers	CDMA2000	8.85	+9.0
10463	AAU	UMTS FDD (WCDMA, 6 MHz)	WCDMA	2.39	+9.0
10461	AAU	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, L, 500-cc)	LTE-TDD	7.82	+9.0
10462	AAU	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, L, 500-cc)	LTE-TDD	8.80	+9.0
10463	AAU	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 84-QAM, L, 500-cc)	LTE-TDD	8.58	+9.0
10465	AAU	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, L, 500-cc)	LTE-TDD	7.82	+9.0
10465	AAU	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, L, 500-cc)	LTE-TDD	8.32	+9.0
10466	AAU	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, L, 500-cc)	LTE-TDD	8.67	+9.0
10467	AAU	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, L, 500-cc)	LTE-TDD	7.82	+9.0
10468	AAU	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, L, 500-cc)	LTE-TDD	8.05	+9.0
10468	AAU	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, L, 500-cc)	LTE-TDD	8.06	+9.0
10470	AAU	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, L, 500-cc)	LTE-TDD	7.82	+9.0
10471	AAU	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, L, 500-cc)	LTE-TDD	8.32	+9.0

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² R = 2
10472	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, 64-QAM, UL Sub)	TF-TDD	-8.57	+5.6
10473	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, QPSK, UL Sub)	TF-TDD	-7.82	+5.6
10474	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, 16-QAM, UL Sub)	TF-TDD	-8.32	+5.6
10475	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, 64-QAM, UL Sub)	TF-TDD	-8.52	+5.6
10476	AA0	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.32	+5.6
10478	AA0	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.55	+5.6
10479	AA0	LTE-TDD (SC-FDMA, 20% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	-7.74	+5.6
10480	AA0	LTE-TDD (SC-FDMA, 20% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.18	+5.6
10481	AA0	LTE-TDD (SC-FDMA, 20% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.45	+5.6
10482	AA0	LTE-TDD (SC-FDMA, 20% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	-7.71	+5.6
10483	AA0	LTE-TDD (SC-FDMA, 20% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.38	+5.6
10484	AA0	LTE-TDD (SC-FDMA, 20% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.77	+5.6
10485	AA0	LTE-TDD (SC-FDMA, 20% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	-7.89	+5.6
10486	AA0	LTE-TDD (SC-FDMA, 20% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.30	+5.6
10487	AA0	LTE-TDD (SC-FDMA, 20% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.80	+5.6
10488	AA0	LTE-TDD (SC-FDMA, 20% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	-7.70	+5.6
10489	AA0	LTE-TDD (SC-FDMA, 20% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.31	+5.6
10490	AA0	LTE-TDD (SC-FDMA, 20% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.64	+5.6
10491	AA0	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	-7.74	+5.6
10492	AA0	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.41	+5.6
10493	AA0	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.88	+5.6
10494	AA0	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	-7.74	+5.6
10495	AA0	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.57	+5.6
10496	AA0	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.54	+5.6
10497	AA0	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	-7.87	+5.6
10498	AA0	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.40	+5.6
10499	AA0	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.80	+5.6
10500	AA0	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	-7.87	+5.6
10501	AA0	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.44	+5.6
10502	AA0	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.52	+5.6
10503	AA0	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	-7.72	+5.6
10504	AA0	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.31	+5.6
10505	AA0	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.54	+5.6
10506	AA0	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	-7.72	+5.6
10507	AA0	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.35	+5.6
10508	AA0	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.85	+5.6
10509	AA0	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	-7.99	+5.6
10510	AA0	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.48	+5.6
10511	AA0	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.81	+5.6
10512	AA0	TF-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	-7.74	+5.6
10513	AA0	TF-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	-8.48	+5.6
10514	AA0	TF-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	-8.80	+5.6
10515	AA0	IEEE 802.11b WiFi (2.4 GHz) (DSSS, 2 Mbps, 80ps cck)	WLAN	-1.62	+5.6
10516	AA0	IEEE 802.11b WiFi (2.4 GHz) (DSSS, 5.5 Mbps, 80ps cck)	WLAN	-1.67	+5.6
10517	AA0	IEEE 802.11b WiFi (2.4 GHz) (DSSS, 11 Mbps, 80ps cck)	WLAN	-1.58	+5.6
10518	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 3 Mbps, 80ps cck)	WLAN	-8.28	+5.6
10519	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 6 Mbps, 80ps cck)	WLAN	-8.50	+5.6
10520	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 18 Mbps, 80ps cck)	WLAN	-6.12	+5.6
10521	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 24 Mbps, 80ps cck)	WLAN	-7.87	+5.6
10522	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 36 Mbps, 80ps cck)	WLAN	-9.63	+5.6
10523	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 48 Mbps, 80ps cck)	WLAN	-9.00	+5.6
10524	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 54 Mbps, 80ps cck)	WLAN	-9.27	+5.6
10525	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS0, 90ps cck)	WLAN	-9.30	+5.6
10526	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS1, 90ps cck)	WLAN	-9.42	+5.6
10527	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS2, 90ps cck)	WLAN	-9.21	+5.6
10528	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS3, 90ps cck)	WLAN	-8.35	+5.6
10529	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS4, 90ps cck)	WLAN	-8.26	+5.6
10530	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS5, 90ps cck)	WLAN	-8.43	+5.6
10531	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS6, 90ps cck)	WLAN	-8.38	+5.6
10532	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS7, 90ps cck)	WLAN	-8.38	+5.6
10533	AA0	IEEE 802.11ac WiFi (20 MHz) (MCS8, 90ps cck)	WLAN	-6.38	+5.6
10534	AA0	IEEE 802.11ac WiFi (40 MHz) (MCS0, 90ps cck)	WLAN	-8.45	+5.6
10535	AA0	IEEE 802.11ac WiFi (40 MHz) (MCS1, 90ps cck)	WLAN	-8.46	+5.6
10536	AA0	IEEE 802.11ac WiFi (40 MHz) (MCS2, 90ps cck)	WLAN	-8.35	+5.6
10537	AA0	IEEE 802.11ac WiFi (40 MHz) (MCS3, 90ps cck)	WLAN	-8.44	+5.6
10538	AA0	IEEE 802.11ac WiFi (40 MHz) (MCS4, 90ps cck)	WLAN	-8.54	+5.6
10539	AA0	IEEE 802.11ac WiFi (40 MHz) (MCS5, 90ps cck)	WLAN	-8.39	+5.6

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UID	Rev	Communication System Name	Group	FAR(dB)	UrrF.R=2
13541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 86psd)	WLAN	-8.46	-18.0
13542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 86psd)	WLAN	-8.60	-18.0
13543	AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 86psd)	WLAN	-8.63	-18.0
13544	AAA	IEEE 802.11ac WiFi (80MHz, MCS7, 86psd)	WLAN	-8.47	-18.0
13545	AAA	IEEE 802.11ac WiFi (80MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13546	AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13547	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.43	-18.0
13548	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.37	-18.0
13549	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.38	-18.0
13550	AAA	IEEE 802.11ac WiFi (320MHz, MCS7, 86psd)	WLAN	-8.50	-18.0
13551	AAA	IEEE 802.11ac WiFi (320MHz, MCS8, 86psd)	WLAN	-8.47	-18.0
13552	AAA	IEEE 802.11ac WiFi (320MHz, MCS9, 86psd)	WLAN	-8.45	-18.0
13553	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.48	-18.0
13554	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.47	-18.0
13555	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.50	-18.0
13556	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.52	-18.0
13557	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.51	-18.0
13558	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.50	-18.0
13559	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.56	-18.0
13560	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.59	-18.0
13561	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.57	-18.0
13562	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13563	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13564	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13565	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13566	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13567	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13568	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13569	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13570	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13571	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13572	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13573	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13574	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13575	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13576	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13577	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13578	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13579	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13580	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13581	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13582	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13583	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13584	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13585	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13586	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13587	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13588	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13589	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13590	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13591	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13592	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13593	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13594	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13595	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13596	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13597	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13598	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13599	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13600	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13601	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13602	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13603	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13604	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13605	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13606	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0
13607	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 86psd)	WLAN	-8.55	-18.0
13608	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 86psd)	WLAN	-8.55	-18.0
13609	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 86psd)	WLAN	-8.55	-18.0

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ #=2
10810	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.57	+9.6
10810	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.78	+9.6
10811	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.70	+9.6
10812	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.77	+9.6
10813	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.84	+9.6
10814	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.89	+9.6
10815	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.82	+9.6
10816	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.82	+9.6
10817	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.87	+9.6
10818	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10819	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10820	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10821	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.87	+9.6
10822	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.86	+9.6
10823	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.82	+9.6
10824	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.96	+9.6
10825	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.96	+9.6
10826	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10827	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10828	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.71	+9.6
10829	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.87	+9.6
10830	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.82	+9.6
10831	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.81	+9.6
10832	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.74	+9.6
10833	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.85	+9.6
10834	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	9.03	+9.6
10835	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	9.01	+9.6
10836	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.93	+9.6
10837	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.79	+9.6
10838	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.80	+9.6
10839	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.85	+9.6
10840	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10841	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.86	+9.6
10842	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10843	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10844	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10845	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10846	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10847	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10848	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10849	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10850	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10851	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10852	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10853	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10854	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10855	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10856	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10857	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10858	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10859	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10860	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10861	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10862	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10863	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10864	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10865	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10866	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10867	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10868	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10869	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10870	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10871	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10872	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10873	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10874	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10875	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10876	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10877	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10878	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10879	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10880	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10881	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10882	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10883	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10884	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10885	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10886	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10887	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6
10888	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 80ps dc)	WLAN	8.88	+9.6

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UID	Raw	Communication System Name	Group	PAR (dB)	Unc ^a k=2
10387	A4F	IEEE 802.11ax (20 MHz, MCS0, 80ps/dt)	WLAN	8.45	+3.3
10389	A4F	IEEE 802.11ax (20 MHz, MCS0, 80ps/dt)	WLAN	8.23	+3.5
10394	A4F	IEEE 802.11ax (20 MHz, MCS0, 80ps/dt)	WLAN	8.55	+3.3
10395	A4F	IEEE 802.11ax (20 MHz, MCS1, 80ps/dt)	WLAN	8.53	+3.3
10391	A4B	IEEE 802.11ax (20 MHz, MCS0, 80ps/dt)	WLAN	8.25	+3.8
10392	A4A	IEEE 802.11ax (20 MHz, MCS0, 80ps/dt)	WLAN	8.22	+3.8
10393	A4A	IEEE 802.11ax (20 MHz, MCS1, 80ps/dt)	WLAN	8.25	+3.8
10394	A4A	IEEE 802.11ax (20 MHz, MCS1, 80ps/dt)	WLAN	8.57	+3.8
10395	A4B	IEEE 802.11ax (40 MHz, MCS0, 80ps/dt)	WLAN	8.78	+3.6
10396	A4A	IEEE 802.11ax (40 MHz, MCS0, 80ps/dt)	WLAN	8.51	+3.6
10397	A4A	IEEE 802.11ax (40 MHz, MCS0, 80ps/dt)	WLAN	8.6	+3.6
10398	A4A	IEEE 802.11ax (40 MHz, MCS0, 80ps/dt)	WLAN	8.25	+3.6
10399	A4A	IEEE 802.11ax (40 MHz, MCS4, 80ps/dt)	WLAN	8.25	+3.6
10400	A4A	IEEE 802.11ax (40 MHz, MCS5, 80ps/dt)	WLAN	8.75	+3.6
10401	A4A	IEEE 802.11ax (40 MHz, MCS8, 80ps/dt)	WLAN	8.25	+3.6
10402	A4A	IEEE 802.11ax (40 MHz, MCS7, 80ps/dt)	WLAN	8.70	+3.6
10403	A4A	IEEE 802.11ax (40 MHz, MCS8, 80ps/dt)	WLAN	8.22	+3.6
10404	A4A	IEEE 802.11ax (40 MHz, MCS9, 80ps/dt)	WLAN	8.58	+3.6
10405	A4A	IEEE 802.11ax (40 MHz, MCS10, 80ps/dt)	WLAN	8.30	+3.8
10406	A4C	IEEE 802.11ax (40 MHz, MCS11, 80ps/dt)	WLAN	8.88	+3.4
10407	A4C	IEEE 802.11ax (40 MHz, MCS0, 80ps/dt)	WLAN	8.30	+3.8
10408	A4C	IEEE 802.11ax (40 MHz, MCS1, 80ps/dt)	WLAN	8.55	+3.8
10409	A4C	IEEE 802.11ax (40 MHz, MCS2, 80ps/dt)	WLAN	8.33	+3.8
10410	A4C	IEEE 802.11ax (40 MHz, MCS3, 80ps/dt)	WLAN	8.39	+3.8
10411	A4C	IEEE 802.11ax (40 MHz, MCS4, 80ps/dt)	WLAN	8.39	+3.8
10412	A4C	IEEE 802.11ax (40 MHz, MCS5, 80ps/dt)	WLAN	8.33	+3.8
10413	A4C	IEEE 802.11ax (40 MHz, MCS6, 80ps/dt)	WLAN	8.33	+3.8
10414	A4C	IEEE 802.11ax (40 MHz, MCS7, 80ps/dt)	WLAN	8.28	+3.8
10415	A4C	IEEE 802.11ax (40 MHz, MCS8, 80ps/dt)	WLAN	8.45	+3.8
10416	A4C	IEEE 802.11ax (40 MHz, MCS9, 80ps/dt)	WLAN	8.30	+3.8
10417	A4C	IEEE 802.11ax (40 MHz, MCS10, 80ps/dt)	WLAN	8.48	+3.8
10418	A4C	IEEE 802.11ax (40 MHz, MCS11, 80ps/dt)	WLAN	8.24	+3.8
10419	A4C	IEEE 802.11ax (80 MHz, MCS0, 80ps/dt)	WLAN	8.8	+3.6
10420	A4C	IEEE 802.11ax (80 MHz, MCS1, 80ps/dt)	WLAN	8.27	+3.6
10421	A4C	IEEE 802.11ax (80 MHz, MCS2, 80ps/dt)	WLAN	8.75	+3.6
10422	A4C	IEEE 802.11ax (80 MHz, MCS3, 80ps/dt)	WLAN	8.55	+3.6
10423	A4C	IEEE 802.11ax (80 MHz, MCS4, 80ps/dt)	WLAN	8.70	+3.6
10424	A4C	IEEE 802.11ax (80 MHz, MCS5, 80ps/dt)	WLAN	8.50	+3.6
10425	A4C	IEEE 802.11ax (80 MHz, MCS6, 80ps/dt)	WLAN	8.74	+3.6
10426	A4C	IEEE 802.11ax (80 MHz, MCS7, 80ps/dt)	WLAN	8.77	+3.6
10427	A4C	IEEE 802.11ax (80 MHz, MCS8, 80ps/dt)	WLAN	8.28	+3.6
10428	A4C	IEEE 802.11ax (80 MHz, MCS9, 80ps/dt)	WLAN	8.48	+3.6
10429	A4C	IEEE 802.11ax (80 MHz, MCS10, 80ps/dt)	WLAN	8.44	+3.6
10430	A4C	IEEE 802.11ax (80 MHz, MCS11, 80ps/dt)	WLAN	8.57	+3.6
10431	A4C	IEEE 802.11ax (80 MHz, MCS0, 80ps/dt)	WLAN	8.49	+3.8
10432	A4C	IEEE 802.11ax (80 MHz, MCS1, 80ps/dt)	WLAN	8.05	+3.8
10433	A4C	IEEE 802.11ax (80 MHz, MCS2, 80ps/dt)	WLAN	8.50	+3.8
10434	A4C	IEEE 802.11ax (80 MHz, MCS3, 80ps/dt)	WLAN	8.25	+3.8
10435	A4C	IEEE 802.11ax (80 MHz, MCS4, 80ps/dt)	WLAN	8.30	+3.8
10436	A4C	IEEE 802.11ax (80 MHz, MCS5, 80ps/dt)	WLAN	8.27	+3.8
10437	A4C	IEEE 802.11ax (80 MHz, MCS6, 80ps/dt)	WLAN	8.26	+3.8
10438	A4C	IEEE 802.11ax (80 MHz, MCS7, 80ps/dt)	WLAN	8.42	+3.8
10439	A4C	IEEE 802.11ax (80 MHz, MCS8, 80ps/dt)	WLAN	8.28	+3.8
10440	A4C	IEEE 802.11ax (80 MHz, MCS9, 80ps/dt)	WLAN	8.42	+3.8
10441	A4C	IEEE 802.11ax (80 MHz, MCS10, 80ps/dt)	WLAN	8.40	+3.8
10442	A4C	IEEE 802.11ax (80 MHz, MCS11, 80ps/dt)	WLAN	8.42	+3.8
10443	A4C	IEEE 802.11ax (160 MHz, MCS0, 80ps/dt)	WLAN	8.54	+3.6
10444	A4C	IEEE 802.11ax (160 MHz, MCS1, 80ps/dt)	WLAN	8.46	+3.6
10445	A4C	IEEE 802.11ax (160 MHz, MCS2, 80ps/dt)	WLAN	8.05	+3.6
10446	A4C	IEEE 802.11ax (160 MHz, MCS3, 80ps/dt)	WLAN	8.31	+3.6
10447	A4C	IEEE 802.11ax (160 MHz, MCS4, 80ps/dt)	WLAN	8.04	+3.6
10448	A4C	IEEE 802.11ax (160 MHz, MCS5, 80ps/dt)	WLAN	8.80	+3.6
10449	A4C	IEEE 802.11ax (160 MHz, MCS6, 80ps/dt)	WLAN	8.93	+3.6
10450	A4C	IEEE 802.11ax (160 MHz, MCS7, 80ps/dt)	WLAN	8.78	+3.6
10451	A4C	IEEE 802.11ax (160 MHz, MCS8, 80ps/dt)	WLAN	8.92	+3.6
10452	A4C	IEEE 802.11ax (160 MHz, MCS9, 80ps/dt)	WLAN	8.81	+3.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² A - Z
10753	AAC	IEEE 802.11ax (180 MHz, MCS10, 96psd)	WLAN	9.30	-9.0
10754	AAC	IEEE 802.11ax (180 MHz, MCS11, 96psd)	WLAN	8.9	-9.0
10755	AAC	IEEE 802.11ax (180 MHz, MCS10, 36psd)	WLAN	8.9	-9.0
10756	AAC	IEEE 802.11ax (180 MHz, MCS11, 36psd)	WLAN	8.77	-9.0
10757	AAC	IEEE 802.11ax (180 MHz, MCS2, 96psd)	WLAN	8.77	-9.0
10758	AAC	IEEE 802.11ax (180 MHz, MCS2, 36psd)	WLAN	8.68	-9.0
10759	AAC	IEEE 802.11ax (180 MHz, MCS3, 96psd)	WLAN	8.58	-9.0
10760	AAC	IEEE 802.11ax (180 MHz, MCS3, 36psd)	WLAN	8.40	-9.0
10761	AAC	IEEE 802.11ax (180 MHz, MCS6, 96psd)	WLAN	8.58	-9.0
10762	AAC	IEEE 802.11ax (180 MHz, MCS7, 96psd)	WLAN	8.40	-9.0
10763	AAC	IEEE 802.11ax (180 MHz, MCS9, 96psd)	WLAN	8.50	-9.0
10764	AAC	IEEE 802.11ax (180 MHz, MCS9, 36psd)	WLAN	8.64	-9.0
10765	AAC	IEEE 802.11ax (180 MHz, MCS10, 96psd)	WLAN	8.64	-9.0
10766	AAC	IEEE 802.11ax (180 MHz, MCS11, 96psd)	WLAN	8.6	-9.0
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	7.96	-9.0
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.01	-9.0
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.01	-9.0
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.02	-9.0
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.02	-9.0
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.23	-9.0
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.78	-9.0
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	9.20	-9.0
10775	AAC	5G NR (CP-OFDM, 5 RB, 5 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.31	-9.0
10776	AAC	5G NR (CP-OFDM, 5 RB, 10 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.30	-9.0
10777	AAC	5G NR (CP-OFDM, 5 RB, 15 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.30	-9.0
10778	AAC	5G NR (CP-OFDM, 5 RB, 20 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.34	-9.0
10779	AAC	5G NR (CP-OFDM, 5 RB, 25 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.49	-9.0
10780	AAC	5G NR (CP-OFDM, 5 RB, 30 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.45	-9.0
10781	AAC	5G NR (CP-OFDM, 5 RB, 40 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.38	-9.0
10782	AAC	5G NR (CP-OFDM, 5 RB, 50 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.43	-9.0
10783	AAC	5G NR (CP-OFDM, 100 RB, 5 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.31	-9.0
10784	AAC	5G NR (CP-OFDM, 100 RB, 10 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.28	-9.0
10785	AAC	5G NR (CP-OFDM, 100 RB, 15 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.40	-9.0
10786	AAC	5G NR (CP-OFDM, 100 RB, 20 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.35	-9.0
10787	AAC	5G NR (CP-OFDM, 100 RB, 25 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.41	-9.0
10788	AAC	5G NR (CP-OFDM, 100 RB, 30 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.38	-9.0
10789	AAC	5G NR (CP-OFDM, 100 RB, 40 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.37	-9.0
10790	AAC	5G NR (CP-OFDM, 100 RB, 50 MHz, QPSK, 15 kHz)	5G NR FFR1 TDD	8.38	-9.0
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.96	-9.0
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.96	-9.0
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.96	-9.0
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.96	-9.0
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.94	-9.0
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.92	-9.0
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.01	-9.0
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.89	-9.0
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.93	-9.0
10800	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.80	-9.0
10801	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.87	-9.0
10802	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	7.80	-9.0
10803	AAC	5G NR (CP-OFDM, 5 RB, 5 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.31	-9.0
10804	AAC	5G NR (CP-OFDM, 5 RB, 10 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.30	-9.0
10805	AAC	5G NR (CP-OFDM, 5 RB, 15 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.30	-9.0
10806	AAC	5G NR (CP-OFDM, 5 RB, 20 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.34	-9.0
10807	AAC	5G NR (CP-OFDM, 5 RB, 25 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.49	-9.0
10808	AAC	5G NR (CP-OFDM, 5 RB, 30 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.45	-9.0
10809	AAC	5G NR (CP-OFDM, 5 RB, 40 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.38	-9.0
10810	AAC	5G NR (CP-OFDM, 5 RB, 50 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.43	-9.0
10811	AAC	5G NR (CP-OFDM, 100 RB, 5 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.31	-9.0
10812	AAC	5G NR (CP-OFDM, 100 RB, 10 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.28	-9.0
10813	AAC	5G NR (CP-OFDM, 100 RB, 15 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.40	-9.0
10814	AAC	5G NR (CP-OFDM, 100 RB, 20 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.35	-9.0
10815	AAC	5G NR (CP-OFDM, 100 RB, 25 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.41	-9.0
10816	AAC	5G NR (CP-OFDM, 100 RB, 30 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.38	-9.0
10817	AAC	5G NR (CP-OFDM, 100 RB, 40 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.37	-9.0
10818	AAC	5G NR (CP-OFDM, 100 RB, 50 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.38	-9.0
10819	AAC	5G NR (CP-OFDM, 100 RB, 60 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.37	-9.0
10820	AAC	5G NR (CP-OFDM, 100 RB, 80 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.34	-9.0
10821	AAC	5G NR (CP-OFDM, 100 RB, 90 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.41	-9.0
10822	AAC	5G NR (CP-OFDM, 100 RB, 100 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.34	-9.0
10823	AAC	5G NR (CP-OFDM, 100 RB, 120 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.38	-9.0
10824	AAC	5G NR (CP-OFDM, 100 RB, 140 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.39	-9.0
10825	AAC	5G NR (CP-OFDM, 100 RB, 160 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.34	-9.0
10826	AAC	5G NR (CP-OFDM, 100 RB, 180 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.30	-9.0
10827	AAC	5G NR (CP-OFDM, 100 RB, 200 MHz, QPSK, 30 kHz)	5G NR FFR1 TDD	8.30	-9.0

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UID	Rev	Communication System Name	Group	FAR (dB)	Unc ¹ k=2
10811	AAD	5G NR (DFSS-OFDM) 50% RB, 25 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.63	+9.5
10812	AAD	5G NR (DFSS-OFDM) 50% RB, 30 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10813	AAD	5G NR (DFSS-OFDM) 50% RB, 40 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10814	AAD	5G NR (DFSS-OFDM) 50% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.65	+9.5
10815	AAD	5G NR (DFSS-OFDM) 50% RB, 60 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.65	+9.5
10816	AAD	5G NR (DFSS-OFDM) 50% RB, 80 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.67	+9.5
10817	AAD	5G NR (DFSS-OFDM) 50% RB, 100 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10818	AAD	5G NR (DFSS-OFDM) 100% RB, 5 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.66	+9.5
10819	AAD	5G NR (DFSS-OFDM) 100% RB, 10 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.65	+9.5
10820	AAD	5G NR (DFSS-OFDM) 100% RB, 15 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.67	+9.5
10821	AAD	5G NR (DFSS-OFDM) 100% RB, 20 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10822	AAD	5G NR (DFSS-OFDM) 100% RB, 25 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.65	+9.5
10823	AAD	5G NR (DFSS-OFDM) 100% RB, 30 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10824	AAD	5G NR (DFSS-OFDM) 100% RB, 40 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10825	AAD	5G NR (DFSS-OFDM) 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.65	+9.5
10826	AAD	5G NR (DFSS-OFDM) 100% RB, 60 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10827	AAD	5G NR (DFSS-OFDM) 100% RB, 80 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.64	+9.5
10828	AAD	5G NR (DFSS-OFDM) 100% RB, 100 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.62	+9.5
10829	AAD	5G NR (DFSS-OFDM) 100% RB, 15 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.52	+9.5
10830	AAD	5G NR (DFSS-OFDM) 100% RB, 15 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.52	+9.5
10831	AAD	5G NR (DFSS-OFDM) 100% RB, 20 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.51	+9.5
10832	AAD	5G NR (DFSS-OFDM) 100% RB, 25 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.51	+9.5
10833	AAD	5G NR (DFSS-OFDM) 100% RB, 30 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.51	+9.5
10834	AAD	5G NR (DFSS-OFDM) 100% RB, 40 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.51	+9.5
10835	AAD	5G NR (DFSS-OFDM) 100% RB, 50 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.51	+9.5
10836	AAD	5G NR (DFSS-OFDM) 50% RB, 5 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.60	+9.5
10837	AAD	5G NR (DFSS-OFDM) 50% RB, 10 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.77	+9.5
10838	AAD	5G NR (DFSS-OFDM) 50% RB, 15 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.80	+9.5
10839	AAD	5G NR (DFSS-OFDM) 50% RB, 20 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.82	+9.5
10840	AAD	5G NR (DFSS-OFDM) 50% RB, 25 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.82	+9.5
10841	AAD	5G NR (DFSS-OFDM) 50% RB, 30 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.83	+9.5
10842	AAD	5G NR (DFSS-OFDM) 50% RB, 40 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.85	+9.5
10843	AAD	5G NR (DFSS-OFDM) 50% RB, 50 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.85	+9.5
10844	AAD	5G NR (DFSS-OFDM) 100% RB, 5 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.8	+9.5
10845	AAD	5G NR (DFSS-OFDM) 100% RB, 10 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.85	+9.5
10846	AAD	5G NR (DFSS-OFDM) 100% RB, 15 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.86	+9.5
10847	AAD	5G NR (DFSS-OFDM) 100% RB, 20 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.87	+9.5
10848	AAD	5G NR (DFSS-OFDM) 100% RB, 25 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.84	+9.5
10849	AAD	5G NR (DFSS-OFDM) 100% RB, 30 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.87	+9.5
10850	AAD	5G NR (DFSS-OFDM) 100% RB, 40 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.84	+9.5
10851	AAD	5G NR (DFSS-OFDM) 100% RB, 50 MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	+9.5
10852	AAD	5G NR DL (CP-OFDM) TM 3.1, 5 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.25	+9.5
10853	AAD	5G NR DL (CP-OFDM) TM 3.1, 10 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.15	+9.5
10854	AAD	5G NR DL (CP-OFDM) TM 3.1, 15 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.25	+9.5
10855	AAD	5G NR DL (CP-OFDM) TM 3.1, 20 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.42	+9.5
10856	AAD	5G NR DL (CP-OFDM) TM 3.1, 25 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.14	+9.5
10857	AAD	5G NR DL (CP-OFDM) TM 3.1, 30 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.31	+9.5
10858	AAD	5G NR DL (CP-OFDM) TM 3.1, 40 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.31	+9.5
10859	AAD	5G NR DL (CP-OFDM) TM 3.1, 50 MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.33	+9.5
10860	AAD	5G NR DL (CP-OFDM) TM 3.1, 5 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.22	+9.5
10861	AAD	5G NR DL (CP-OFDM) TM 3.1, 10 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.25	+9.5
10862	AAD	5G NR DL (CP-OFDM) TM 3.1, 15 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.40	+9.5
10863	AAD	5G NR DL (CP-OFDM) TM 3.1, 20 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.25	+9.5
10864	AAD	5G NR DL (CP-OFDM) TM 3.1, 25 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.28	+9.5
10865	AAD	5G NR DL (CP-OFDM) TM 3.1, 30 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.27	+9.5
10866	AAD	5G NR DL (CP-OFDM) TM 3.1, 40 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.35	+9.5
10867	AAD	5G NR DL (CP-OFDM) TM 3.1, 50 MHz, 64-QAM, 15 kHz	5G NR FR1 TDD	5.42	+9.5
10868	AAD	5G NR DL (CP-OFDM) TM 3.1, 10 MHz, 64-QAM, 30 kHz	5G NR FR1 TDD	5.48	+9.5
10869	AAD	5G NR DL (CP-OFDM) TM 3.1, 20 MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.22	+9.5
10870	AAD	5G NR (DFSS-OFDM) 100% RB, 100 MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.05	+9.5
10871	AAD	5G NR (CP-OFDM) 100% RB, 100 MHz, 256-QAM, 20 kHz	5G NR FR1 FDD	10.28	+9.5
10872	AAA	UL1 A R75	UL1 A	5.25	+9.5
10873	AAA	UL1 A R75	UL1 A	7.62	+9.5
10874	AAA	UL1 A R75	UL1 A	5.82	+9.5
10875	AAA	UL1 A R75	UL1 A	1.56	+9.5
10876	AAA	UL1 A R75	UL1 A	1.44	+9.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ W = 2
IC983	AAV	SSNFD (CP-CFDV) TW S1, 40 MHz, 64-QAM, 15 x 4s	5G NR FR1 TDD	5.21	±9.6
IC984	AAV	SSNFD (CP-CFDV) TW S1, 60 MHz, 64-QAM, 15 x 4s	5G NR FR1 TDD	5.42	±9.6
IC985	AAV	SSNFD (CP-CFDV) TW S1, 40 MHz, 64-QAM, 30 x 4s	5G NR FR1 TDD	5.54	±9.6
IC986	AAV	SSNFD (CP-CFDV) TW S1, 60 MHz, 64-QAM, 30 x 4s	5G NR FR1 TDD	5.59	±9.6
IC987	AAV	SSNFD (CP-CFDV) TW S1, 80 MHz, 64-QAM, 30 x 4s	5G NR FR1 TDD	5.52	±9.6
IC988	AAV	SSNFD (CP-CFDV) TW S1, 70 MHz, 64-QAM, 30 x 4s	5G NR FR1 TDD	5.29	±9.6
IC989	AAV	SSNFD (CP-CFDV) TW S1, 80 MHz, 64-QAM, 30 x 4s	5G NR FR1 TDD	5.22	±9.6
IC990	AAV	SSNFD (CP-CFDV) TW S1, 80 MHz, 64-QAM, 30 x 4s	5G NR FR1 TDD	5.22	±9.6

¹ 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.3 Probe Calibration certificate (EX3DV4 SN7770)

Calibration Laboratory of
Schmid & Partner
Engineering AG
Zeughausstrasse 45, 8004 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-7770_Nov22**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:7770**

Calibration procedure(s): **QA CAL-01.v9, QA CAL-12.v9, QA CAL-14.v6, QA CAL-23.v5,
QA CAL-25.v7
Calibration procedure for dosimetric E-field probes**

Calibration date: **November 18, 2022**

This calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).
The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.

All calibrations have been conducted in the closed laboratory facility: environment temperature $(22 \pm 3)^\circ\text{C}$ and humidity $< 70\%$.

Calibration Equipment used (MSTE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP 201	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP DAKS 5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CG2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAF4	SN: 600	10-Oct-22 (No. DME4-600_Oct22)	Oct-23
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22

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 F44 12A	SN: MY41490007	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41060477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Jaxon Kaspritt	Laboratory Technician	
Approved by	Evan Kohn	Technical Manager	
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			
Issued: November 18, 2022			

Calibration Laboratory of
Schmid & Partner
Engineering AG

Zughausstrasse 43, 8504 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

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 62209-1526, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1526: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 805664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}**: Assessed for E-field polarization $\delta = 0$ ($f \leq 800$ 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 E-field uncertainty inside TSL (see below ConvF).
- NORM_{fix,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 (at 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 (along, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to their 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:7770

November 18, 2022

Parameters of Probe: EX3DV4 - SN:7770

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.46	0.49	0.55	$\pm 10.1\%$
DCP (mV) ^B	108.0	106.0	104.0	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu V}$	C	D dB	VR mV	Max dev.	Max Unc ^E k = 2
0	CW	X	0.00	0.00	1.00	0.00	160.9	$\pm 3.0\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		145.8		
		Z	0.00	0.00	1.00		150.1		
10352	Pulse Waveform (200Hz, 10%)	X	1.67	61.18	6.50	10.00	60.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	12.00	74.00	11.00		60.0		
		Z	1.37	60.00	5.94		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.80	60.00	4.68	6.99	80.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	20.00	74.00	9.00		80.0		
		Z	0.79	60.00	4.67		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.00	125.32	0.19	3.98	95.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	0.08	136.08	0.10		95.0		
		Z	0.02	130.66	1.40		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	1.48	159.94	1.30	2.22	120.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	5.27	159.63	12.14		120.0		
		Z	0.62	159.92	1.08		120.0		
10387	QPSK Waveform, 1 MHz	X	0.39	62.75	11.67	1.00	150.0	$\pm 3.5\%$	$\pm 9.6\%$
		Y	0.57	65.48	13.71		150.0		
		Z	0.45	63.30	11.98		150.0		
10388	QPSK Waveform, 10 MHz	X	1.14	65.69	13.00	0.00	150.0	$\pm 0.8\%$	$\pm 9.6\%$
		Y	1.41	67.33	14.72		150.0		
		Z	1.25	65.95	13.68		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.74	65.42	16.25	3.01	150.0	$\pm 1.4\%$	$\pm 9.6\%$
		Y	1.61	63.79	15.64		150.0		
		Z	1.56	63.64	15.73		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.65	66.42	15.01	0.00	150.0	$\pm 2.3\%$	$\pm 9.6\%$
		Y	2.83	66.63	15.37		150.0		
		Z	2.73	66.19	15.09		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.67	66.81	15.41	0.00	150.0	$\pm 3.6\%$	$\pm 9.6\%$
		Y	3.90	66.73	15.69		150.0		
		Z	3.81	66.52	15.53		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 E₂ field uncertainty inside TSL (see Page 5 and 6).

^B Linearization parameter uncertainty for maximum specified field strength.

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

EX3DV4 - SN:7770

November 18, 2022

Parameters of Probe: EX3DV4 - SN:7770

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	7.2	51.68	88.39	2.25	0.00	4.93	0.63	0.00	1.00
y	9.2	66.41	88.59	2.98	0.00	4.90	0.04	0.06	1.00
z	5.7	64.66	84.97	2.49	0.00	4.93	0.00	0.05	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-164.7°
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	2.6 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	3.4 mm

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

EX3DV4 - SN:7770

November 18, 2022

Parameters of Probe: EX3DV4 - SN:7770

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	8.92	8.92	8.92	0.10	0.80	±12.0%
835	41.5	0.90	8.73	8.73	8.73	0.54	0.92	±12.0%
900	41.5	0.97	8.71	8.71	8.71	0.40	1.03	±12.0%
1750	40.1	1.37	7.99	7.99	7.99	0.37	0.86	±12.0%
1900	40.0	1.40	7.57	7.57	7.57	0.41	0.86	±12.0%
2300	39.5	1.67	7.38	7.38	7.38	0.44	0.90	±12.0%
2450	39.2	1.50	7.17	7.17	7.17	0.31	0.90	±12.0%
2600	39.0	1.96	6.94	6.94	6.94	0.36	0.90	±12.0%
5250	35.9	4.71	5.00	5.00	5.00	0.40	1.80	±13.1%
5600	35.5	5.07	4.37	4.37	4.37	0.40	1.80	±13.1%
5750	35.4	5.22	4.49	4.49	4.49	0.40	1.80	±13.1%

^C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 8), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 129, 150 and 220 MHz respectively. Validity of ConvF assessed at 5 MHz is 4–6 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

^F At frequencies below 3 GHz, the validity of tissue parameters (ϵ' and σ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (ϵ' and σ) is restricted to ±5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

EX3DV4 - SN:7770

November 18, 2022

Parameters of Probe: EX3DV4 - SN:7770

Calibration Parameter Determined In Head Tissue Simulating Media

f (MHz) [Ⓐ]	Relative Permittivity [Ⓒ]	Conductivity [Ⓒ] (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha [Ⓓ]	Depth [Ⓓ] (mm)	Unc. (k=2)
6500	34.5	6.07	4.90	4.90	4.90	0.20	2.50	±18.6%
7000	33.9	6.65	5.10	5.10	5.10	0.20	2.50	±18.6%

[Ⓐ] Frequency validity at 6.5 GHz (5 - 800) + 700 MHz, and 4.70 GHz (2 or above 7 GHz). The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

[Ⓒ] At frequencies 6-10 GHz, the validity of tissue parameters (y and z) can be related to ± 10%. If liquid compensation formula is applied to measured SAR values, the uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

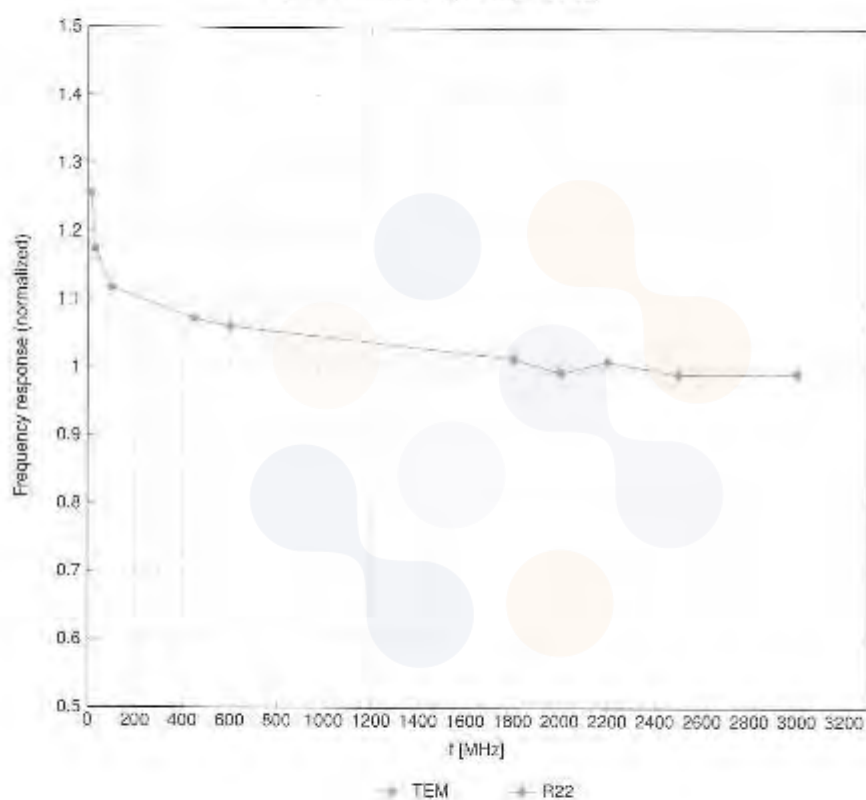


EX3DV4 - SN:7770

November 18, 2022

Frequency Response of E-Field

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

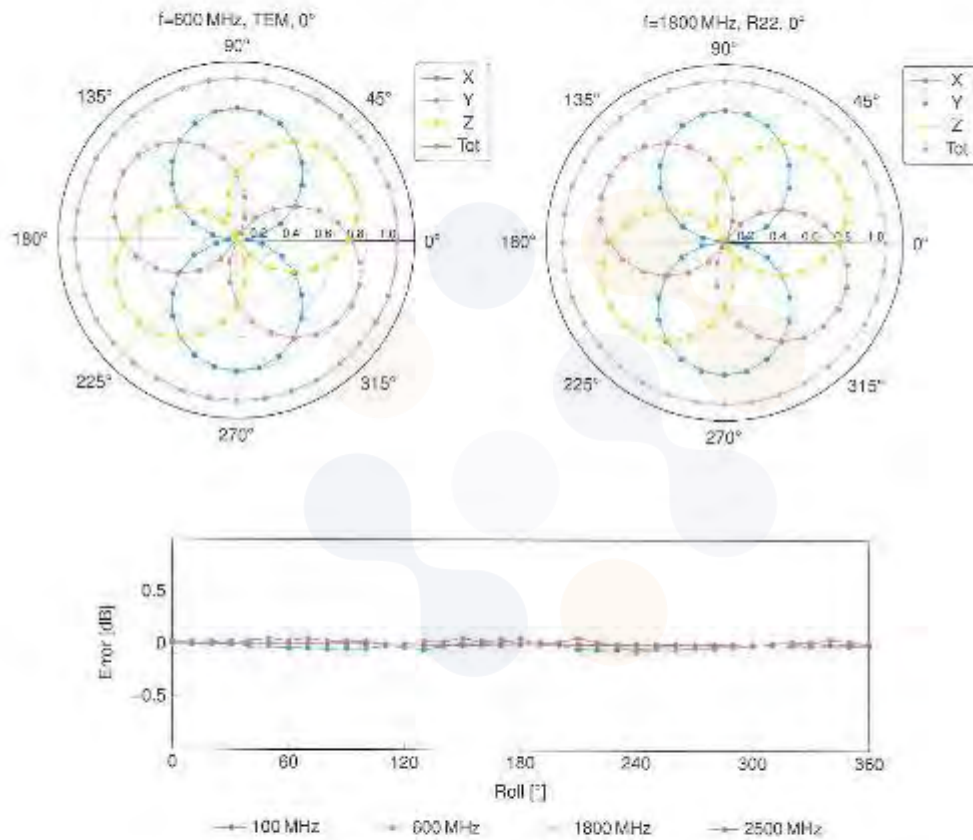


Uncertainty of Frequency Response of E-field: $\pm 6.3\%$ ($k=2$)

EX3DV4 - SN:7770

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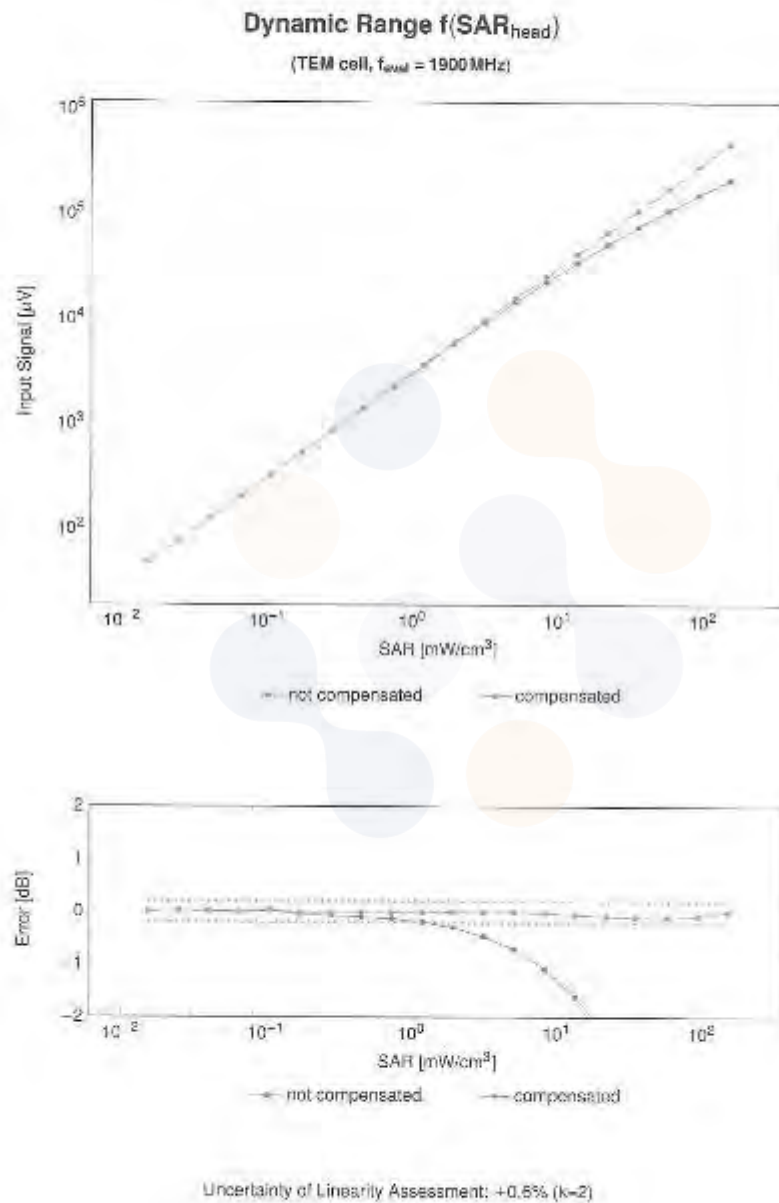
Receiving Pattern (ϕ), $\theta = 0^\circ$



Uncertainty of Axial Isotropy Assessment: $\pm 0.5\%$ (k=2)

EX3DM4 - SN:7770

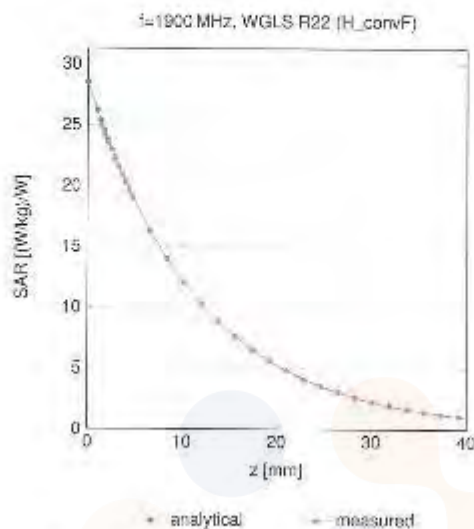
November 18, 2022



EX3DV4 - SN:7770

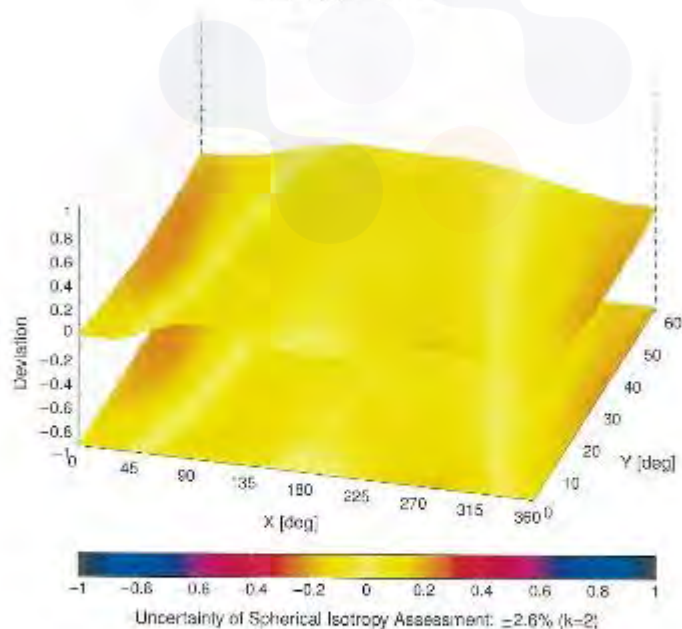
November 18, 2022

Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (ϕ, θ), $f = 900 \text{ MHz}$



EXSDM4 - SN:7770

November 18, 2022

Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	FAR (dB)	Unc ^h h = 2
0		SW			
10010	DAB	SAR Veridom ISQ202, 100ms, 10ms	SW	1.00	+9.7
10011	DAB	UMTS-FDD (WCDMA)	Test	10.30	+9.8
10012	DAB	IEEE 802.11b Wi-Fi 2.4 GHz (DSSS, 1 Mbps)	WCDMA	7.91	+9.8
10013	DAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	1.87	+9.8
10021	DAB	GSM-FDD (TDMA, GMSK)	WLAN	9.48	+9.8
10022	DAB	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.79	+9.8
10024	DAB	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	9.57	+9.8
10025	DAB	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	9.56	+9.8
10028	DAB	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	12.02	+9.8
10027	DAB	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	9.58	+9.8
10028	DAB	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	4.80	+9.8
10029	DAB	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	3.25	+9.8
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	GSM	7.76	+9.8
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	3.80	+9.8
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.87	+9.8
10033	CAA	IEEE 802.15.1 Bluetooth (Pi4-QPSK, DH1)	Bluetooth	1.16	+9.8
10034	CAA	IEEE 802.15.1 Bluetooth (Pi4-QPSK, DH3)	Bluetooth	7.74	+9.8
10035	CAA	IEEE 802.15.1 Bluetooth (Pi4-QPSK, DH5)	Bluetooth	4.68	+9.8
10036	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DH1)	Bluetooth	3.88	+9.8
10037	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DH3)	Bluetooth	8.81	+9.8
10038	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DH5)	Bluetooth	4.77	+9.8
10039	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DH5)	Bluetooth	4.10	+9.8
10040	CAB	CDMA2000 (1XRTT, RC1)	CDMA2000	4.57	+9.8
10042	CAB	IS-84 / IS-136 FDD (TDMA-FDM, Pi4-QPSK, Half-rate)	AMPS	7.78	+9.8
10044	CAA	IS-81/EV-DO (A) FDD (TDMA, FDM)	AMPS	0.00	+9.8
10046	CAA	DECT (TDD, TDMA-FDM, GFSK, Full Slot, 24)	DECT	13.80	+9.8
10049	CAA	DECT (TDD, TDMA-FDM, GFSK, Double Slot, 8)	DECT	10.78	+9.8
10050	CAA	UMTS-FDD (TDMA-FDM, 1.28 Mbps)	TD-SCDMA	11.01	+9.8
10058	DAB	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	8.52	+9.8
10059	CAB	IEEE 802.11b Wi-Fi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	+9.8
10060	CAB	IEEE 802.11b Wi-Fi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	+9.8
10061	CAB	IEEE 802.11b Wi-Fi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.00	+9.8
10062	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 5 Mbps)	WLAN	8.58	+9.8
10063	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 9 Mbps)	WLAN	8.03	+9.8
10064	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	+9.8
10065	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	+9.8
10066	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	+9.8
10068	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 36 Mbps)	WLAN	11.12	+9.8
10069	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 48 Mbps)	WLAN	11.34	+9.8
10069	CAD	IEEE 802.11a Wi-Fi 5 GHz (OFDM, 54 Mbps)	WLAN	13.96	+9.8
10071	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 9 Mbps)	WLAN	8.83	+9.8
10072	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 12 Mbps)	WLAN	9.62	+9.8
10073	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 15 Mbps)	WLAN	9.94	+9.8
10074	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 24 Mbps)	WLAN	10.30	+9.8
10075	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 36 Mbps)	WLAN	10.77	+9.8
10075	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 48 Mbps)	WLAN	10.94	+9.8
10077	CAB	IEEE 802.11g Wi-Fi 2.4 GHz (DSSS-OFDM, 54 Mbps)	WLAN	11.00	+9.8
10091	CAA	CDMA2000 (1XRTT, RC3)	CDMA2000	3.97	+9.8
10092	CAD	IS-84 / IS-136 FDD (TDMA-FDM, Pi4-QPSK, Full-rate)	AMPS	4.77	+9.8
10093	DAB	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	+9.8
10097	DAB	UMTS-FDD (HSPA)	WCDMA	5.68	+9.8
10098	DAB	UMTS-FDD (HSPA, Subclass 2)	WCDMA	3.96	+9.8
10099	DAB	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	6.68	+9.8
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	6.67	+9.8
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	+9.8
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.40	+9.8
10103	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 256-QAM)	LTE-FDD	6.40	+9.8
10104	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.07	+9.8
10105	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.07	+9.8
10106	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 256-QAM)	LTE-FDD	6.07	+9.8
10107	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	+9.8
10108	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.42	+9.8
10109	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 256-QAM)	LTE-FDD	6.42	+9.8
10110	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	+9.8
10111	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.42	+9.8
10112	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 256-QAM)	LTE-FDD	6.42	+9.8

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ID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	5.60	+9.5
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, 2PSK)	WLAN	5.10	+9.5
10115	CAD	IEEE 802.11n (HT Greenfield, 9 Mbps, 16-QAM)	WLAN	5.46	+9.5
10116	CAD	IEEE 802.11n (HT Greenfield, 12Mbps, 64-QAM)	WLAN	5.15	+9.5
10117	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 2PSK)	WLAN	5.07	+9.5
10118	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, 16-QAM)	WLAN	5.50	+9.5
10119	CAD	IEEE 802.11n (HT Mixed, 12Mbps, 64-QAM)	WLAN	5.13	+9.5
10120	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	5.43	+9.5
10121	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	5.53	+9.5
10122	CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 2PSK)	LTE-FDD	5.73	+9.5
10123	CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	5.35	+9.5
10124	CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	5.85	+9.5
10125	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 2PSK)	LTE-FDD	5.73	+9.5
10126	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.41	+9.5
10127	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.72	+9.5
10128	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	+9.5
10129	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	5.30	+9.5
10130	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 2PSK)	LTE-FDD	5.28	+9.5
10131	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.92	+9.5
10132	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	10.00	+9.5
10133	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 2PSK)	LTE-FDD	5.70	+9.5
10134	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	5.48	+9.5
10135	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 2PSK)	LTE-FDD	5.75	+9.5
10136	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	5.45	+9.5
10137	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	5.56	+9.5
10138	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 2PSK)	LTE-FDD	5.62	+9.5
10139	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	5.43	+9.5
10140	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10141	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4 MHz, 2PSK)	LTE-FDD	5.40	+9.5
10142	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.27	+9.5
10143	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.78	+9.5
10144	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 2PSK)	LTE-FDD	5.73	+9.5
10145	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10146	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	5.43	+9.5
10147	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 2PSK)	LTE-FDD	5.48	+9.5
10148	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	5.23	+9.5
10149	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10150	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10151	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.73	+9.5
10152	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10153	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.52	+9.5
10154	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10155	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10156	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10157	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.51	+9.5
10158	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.50	+9.5
10159	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10160	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10161	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10162	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10163	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.51	+9.5
10164	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.50	+9.5
10165	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10166	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10167	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10168	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.51	+9.5
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.50	+9.5
10171	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10172	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10173	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10174	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.51	+9.5
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.50	+9.5
10177	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10178	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10179	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10180	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.51	+9.5
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.50	+9.5
10183	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 2PSK)	LTE-FDD	5.72	+9.5
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.52	+9.5
10186	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 2PSK)	LTE-FDD	5.51	+9.5
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.50	+9.5
10189	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.50	+9.5
10190	CAD	IEEE 802.11n (HT Greenfield, 6.5Mbps, 2PSK)	WLAN	5.09	+9.5
10191	CAD	IEEE 802.11n (HT Greenfield, 9Mbps, 16-QAM)	WLAN	5.12	+9.5
10192	CAD	IEEE 802.11n (HT Greenfield, 12Mbps, 64-QAM)	WLAN	5.21	+9.5
10193	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, 2PSK)	WLAN	5.10	+9.5
10194	CAD	IEEE 802.11n (HT Mixed, 9Mbps, 16-QAM)	WLAN	5.13	+9.5
10195	CAD	IEEE 802.11n (HT Mixed, 12Mbps, 64-QAM)	WLAN	5.27	+9.5
10196	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, 2PSK)	WLAN	5.08	+9.5
10197	CAD	IEEE 802.11n (HT Mixed, 9Mbps, 16-QAM)	WLAN	5.15	+9.5
10198	CAD	IEEE 802.11n (HT Mixed, 12Mbps, 64-QAM)	WLAN	5.27	+9.5
10199	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, 2PSK)	WLAN	5.08	+9.5
10200	CAD	IEEE 802.11n (HT Mixed, 9Mbps, 16-QAM)	WLAN	5.15	+9.5
10201	CAD	IEEE 802.11n (HT Mixed, 12Mbps, 64-QAM)	WLAN	5.27	+9.5
10202	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, 2PSK)	WLAN	5.08	+9.5
10203	CAD	IEEE 802.11n (HT Mixed, 9Mbps, 16-QAM)	WLAN	5.15	+9.5
10204	CAD	IEEE 802.11n (HT Mixed, 12Mbps, 64-QAM)	WLAN	5.27	+9.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc A = 2
10225	CAC	UMTS-FDD (HS-PA)	WCDMA	4.57	-19.0
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TF-TDD	5.45	-19.0
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TF-TDD	10.26	-19.0
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TF-TDD	5.22	-19.0
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	TF-TDD	5.48	-19.0
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	TF-TDD	10.25	-19.0
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	TF-TDD	5.19	-19.0
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	TF-TDD	5.48	-19.0
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	TF-TDD	10.25	-19.0
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	TF-TDD	5.21	-19.0
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TF-TDD	5.48	-19.0
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	TF-TDD	10.25	-19.0
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	TF-TDD	5.21	-19.0
10238	CAH	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	TF-TDD	5.49	-19.0
10239	CAH	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	TF-TDD	10.25	-19.0
10240	CAH	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	TF-TDD	5.21	-19.0
10241	CAH	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	TF-TDD	5.52	-19.0
10242	CAH	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	TF-TDD	9.99	-19.0
10243	CAH	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	TF-TDD	5.45	-19.0
10244	CAH	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	TF-TDD	10.09	-19.0
10245	CAH	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	TF-TDD	10.09	-19.0
10246	CAH	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	TF-TDD	5.30	-19.0
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	TF-TDD	5.91	-19.0
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	TF-TDD	10.09	-19.0
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	TF-TDD	5.29	-19.0
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	TF-TDD	5.81	-19.0
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	TF-TDD	10.17	-19.0
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	TF-TDD	5.24	-19.0
10253	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	TF-TDD	5.90	-19.0
10254	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	TF-TDD	10.14	-19.0
10255	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	TF-TDD	5.20	-19.0
10256	CAH	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	TF-TDD	5.96	-19.0
10257	CAH	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	TF-TDD	10.06	-19.0
10258	CAH	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	TF-TDD	5.34	-19.0
10259	CAH	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	TF-TDD	5.86	-19.0
10260	CAH	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	TF-TDD	5.87	-19.0
10261	CAH	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	TF-TDD	5.28	-19.0
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	TF-TDD	5.93	-19.0
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	TF-TDD	10.10	-19.0
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	TF-TDD	5.23	-19.0
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	TF-TDD	5.92	-19.0
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	TF-TDD	10.07	-19.0
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	TF-TDD	5.30	-19.0
10268	CAH	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	TF-TDD	5.96	-19.0
10269	CAH	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	TF-TDD	10.06	-19.0
10270	CAH	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	TF-TDD	5.13	-19.0
10271	CAH	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	TF-TDD	5.56	-19.0
10272	CAC	UMTS-FDD (HSPA, Subtest 6, 2GPP Rel.10)	WCDMA	4.67	-19.0
10273	CAC	UMTS-FDD (HSPA, Subtest 6, 2GPP Rel.10)	WCDMA	2.86	-19.0
10274	CAA	PHS (QPSK)	PHS	11.01	-19.0
10275	CAA	PHS (QPSK, BW 384 MHz, Rate 0.5)	PHS	11.01	-19.0
10276	CAA	PHS (QPSK, BW 384 MHz, Rate 0.5)	PHS	2.18	-19.0
10277	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.81	-19.0
10278	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	5.48	-19.0
10279	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	9.29	-19.0
10280	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10281	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10282	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10283	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10284	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10285	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10286	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10287	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10288	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10289	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10290	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10291	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10292	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10293	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10294	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10295	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10296	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10297	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10298	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10299	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10300	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10301	AAD	CDMA2000, R1, 800S, Full Rate	CDMA2000	2.53	-19.0
10302	AAA	IEEE 802.16e WMAX (20.15 5ms, 10MHz, QPSK, PUSC)	WMAX	12.03	-19.0
10303	AAA	IEEE 802.16e WMAX (20.15 5ms, 10MHz, QPSK, PUSC, 3/4 RL symbols)	WMAX	12.57	-19.0
10304	AAA	IEEE 802.16e WMAX (20.15 5ms, 10MHz, 64QAM, PUSC)	WMAX	12.52	-19.0
10305	AAA	IEEE 802.16e WMAX (20.15 5ms, 10MHz, 64QAM, PUSC)	WMAX	11.85	-19.0
10306	AAA	IEEE 802.16e WMAX (20.15 5ms, 10MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	-19.0
10307	AAA	IEEE 802.16e WMAX (20.15 5ms, 10MHz, 64QAM, PUSC, 15 symbols)	WMAX	14.57	-19.0

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10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.0
10473	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±0.5
10474	AAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±0.5
10475	AAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.5
10476	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±0.5
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.5
10479	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10480	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10481	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10482	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10483	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10484	AAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10491	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10492	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10493	AAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10497	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10498	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10499	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10500	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10501	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10502	AAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10509	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10510	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10511	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
10515	AAG	IEEE 802.11a WIF 2.4 GHz (DSSS, 2 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10516	AAG	IEEE 802.11a WIF 2.4 GHz (DSSS, 5.5 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10517	AAG	IEEE 802.11a WIF 2.4 GHz (DSSS, 11 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10518	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 6 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10519	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 12 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10520	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 18 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10521	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 24 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10522	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 36 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10523	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 48 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10524	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 54 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10525	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 60 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10526	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 66 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10527	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 72 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10528	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 78 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10529	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 84 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10530	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 90 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10531	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 96 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10532	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 102 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10533	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 108 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10534	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 114 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10535	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 120 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10536	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 126 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10537	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 132 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10538	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 138 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10539	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 144 Mbps, 99% duty cycle)	WLAN	1.58	±0.5
10540	AAG	IEEE 802.11a WIF 5 GHz (OFDM, 150 Mbps, 99% duty cycle)	WLAN	1.58	±0.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k=2
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	9.45	+9.5
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10544	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10545	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10546	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10547	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10548	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10550	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10551	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10552	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10553	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10554	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10555	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10556	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10557	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10558	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10559	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10560	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10561	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10562	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10563	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10564	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10565	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10566	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10567	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10568	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10569	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10570	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10571	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10572	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10573	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10574	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10575	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10576	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10577	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10578	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10579	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10580	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10581	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10582	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10583	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10584	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10585	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10586	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10587	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10588	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10589	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10590	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10591	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10592	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10593	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10594	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10595	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10596	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10597	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10598	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10599	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10600	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10601	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10602	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10603	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10604	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10605	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10606	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10607	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5
10608	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.45	+9.5

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10609	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.57	+9.8
10610	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.75	+9.8
10611	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.70	+9.8
10612	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.77	+9.8
10613	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.94	+9.8
10614	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.50	+9.8
10615	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.63	+9.8
10616	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.60	+9.8
10617	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10618	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.61	+9.8
10619	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.68	+9.8
10620	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.60	+9.8
10621	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.67	+9.8
10622	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.77	+9.8
10623	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.68	+9.8
10624	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.62	+9.8
10625	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10626	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10627	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.63	+9.8
10628	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.65	+9.8
10629	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.71	+9.8
10630	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.65	+9.8
10631	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.72	+9.8
10632	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.61	+9.8
10633	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.74	+9.8
10634	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.63	+9.8
10635	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.63	+9.8
10636	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.63	+9.8
10637	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.75	+9.8
10638	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10639	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.60	+9.8
10640	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.68	+9.8
10641	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.68	+9.8
10642	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10643	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.60	+9.8
10644	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.60	+9.8
10645	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.67	+9.8
10646	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.67	+9.8
10647	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10648	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10649	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10650	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10651	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10652	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10653	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10654	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10655	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10656	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10657	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10658	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10659	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10660	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10661	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10662	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10663	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10664	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10665	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8
10666	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.66	+9.8

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k - 2
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 80ps duty cycle)	WLAN	9.45	+4.5
10688	AAC	IEEE 802.11ax (20 MHz, MCS6, 80ps duty cycle)	WLAN	9.29	+9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS8, 80ps duty cycle)	WLAN	9.55	+9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 80ps duty cycle)	WLAN	9.29	+9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS9, 80ps duty cycle)	WLAN	9.25	+9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 80ps duty cycle)	WLAN	9.25	+9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 80ps duty cycle)	WLAN	9.25	+9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 80ps duty cycle)	WLAN	9.25	+9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 80ps duty cycle)	WLAN	9.78	+9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 80ps duty cycle)	WLAN	9.91	+9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 80ps duty cycle)	WLAN	9.61	+9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 80ps duty cycle)	WLAN	9.88	+9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 80ps duty cycle)	WLAN	9.82	+9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 80ps duty cycle)	WLAN	9.72	+9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 80ps duty cycle)	WLAN	9.86	+9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 80ps duty cycle)	WLAN	9.70	+9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	9.82	+9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	9.55	+9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	9.59	+9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 80ps duty cycle)	WLAN	9.55	+9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 80ps duty cycle)	WLAN	9.32	+9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 80ps duty cycle)	WLAN	9.55	+9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 80ps duty cycle)	WLAN	9.35	+9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 80ps duty cycle)	WLAN	9.29	+9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 80ps duty cycle)	WLAN	9.59	+9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 80ps duty cycle)	WLAN	9.67	+9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 80ps duty cycle)	WLAN	9.53	+9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 80ps duty cycle)	WLAN	9.28	+9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	9.45	+9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	9.30	+9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	9.48	+9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 80ps duty cycle)	WLAN	9.24	+9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 80ps duty cycle)	WLAN	9.81	+9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 80ps duty cycle)	WLAN	9.67	+9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 80ps duty cycle)	WLAN	9.76	+9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS3, 80ps duty cycle)	WLAN	9.55	+9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 80ps duty cycle)	WLAN	9.70	+9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 80ps duty cycle)	WLAN	9.80	+9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 80ps duty cycle)	WLAN	9.74	+9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	9.73	+9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 80ps duty cycle)	WLAN	9.56	+9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS9, 80ps duty cycle)	WLAN	9.65	+9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	9.54	+9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 80ps duty cycle)	WLAN	9.57	+9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 80ps duty cycle)	WLAN	9.42	+9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 80ps duty cycle)	WLAN	9.46	+9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 80ps duty cycle)	WLAN	9.40	+9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 80ps duty cycle)	WLAN	9.25	+9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 80ps duty cycle)	WLAN	9.33	+9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 80ps duty cycle)	WLAN	9.27	+9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 80ps duty cycle)	WLAN	9.38	+9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	9.47	+9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 80ps duty cycle)	WLAN	9.25	+9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS9, 80ps duty cycle)	WLAN	9.46	+9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	9.40	+9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS11, 80ps duty cycle)	WLAN	9.43	+9.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 80ps duty cycle)	WLAN	9.34	+9.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 80ps duty cycle)	WLAN	9.18	+9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 80ps duty cycle)	WLAN	9.98	+9.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 80ps duty cycle)	WLAN	9.11	+9.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 80ps duty cycle)	WLAN	9.04	+9.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 80ps duty cycle)	WLAN	9.08	+9.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 80ps duty cycle)	WLAN	9.00	+9.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 80ps duty cycle)	WLAN	9.78	+9.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 80ps duty cycle)	WLAN	9.62	+9.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 80ps duty cycle)	WLAN	9.80	+9.6

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UID	Rev	Communication System Name	Group	Power (dB)	Uncor. R = 2
10753	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.60	-9.6
10754	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.64	-9.6
10755	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.64	-9.6
10756	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.77	-9.6
10757	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.77	-9.6
10758	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.83	-9.6
10759	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10760	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10761	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10762	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10763	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10764	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10765	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10766	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10767	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10768	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10769	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10770	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10771	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10772	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10773	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10774	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10775	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10776	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10777	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10778	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10779	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10780	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10781	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10782	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10783	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10784	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10785	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10786	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10787	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10788	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10789	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10790	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10791	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10792	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10793	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10794	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10795	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10796	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10797	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10798	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10799	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10800	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10801	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10802	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10803	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10804	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10805	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10806	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10807	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10808	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10809	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10810	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10811	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10812	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10813	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10814	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10815	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10816	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10817	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10818	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10819	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10820	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10821	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10822	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10823	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10824	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10825	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10826	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10827	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6
10828	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.88	-9.6

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UID	Rev	Communication System Name	Group	PAR [dB]	Unc ² K=2
10629	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.40	-9.8
10630	AAD	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.68	-9.8
10631	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.78	-9.8
10632	AAD	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.74	-9.8
10633	AAD	SG NR (CP-OFDM, 1 RB, 35 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	-9.8
10634	AAD	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.75	-9.8
10635	AAD	SG NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	-9.8
10636	AAD	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.66	-9.8
10637	AAD	SG NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.68	-9.8
10638	AAD	SG NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.70	-9.8
10639	AAD	SG NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.67	-9.8
10640	AAD	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7.71	-9.8
10641	AAD	SG NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.40	-9.8
10642	AAD	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.34	-9.8
10643	AAD	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.41	-9.8
10644	AAD	SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.34	-9.8
10645	AAD	SG NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.38	-9.8
10646	AAD	SG NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.37	-9.8
10647	AAD	SG NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.35	-9.8
10648	AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.39	-9.8
10649	AAD	SG NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.34	-9.8
10650	AAD	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10651	AAD	SG NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.40	-9.8
10652	AAD	SG NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10653	AAD	SG NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10654	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.37	-9.8
10655	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10656	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10657	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10658	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10659	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10660	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10661	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10662	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10663	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10664	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10665	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10666	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10667	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10668	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10669	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10670	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10671	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10672	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10673	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10674	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10675	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10676	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10677	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10678	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10679	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10680	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10681	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10682	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10683	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10684	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10685	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10686	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10687	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10688	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10689	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10690	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10691	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10692	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10693	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10694	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10695	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10696	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10697	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10698	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10699	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10700	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10701	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10702	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10703	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10704	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10705	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10706	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10707	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10708	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10709	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8
10710	AAD	SG NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	-9.8

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November 18, 2022

ID#	Rev	Communication System Name	Group	PAR (dB)	Unc. E = 2
10011	AAR	SG NR (DFT+QFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.43	+0.3
10012	AAR	SG NR (DFT+QFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10013	AAR	SG NR (DFT+QFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10014	AAR	SG NR (DFT+QFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.35	+0.3
10015	AAR	SG NR (DFT+QFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.33	+0.3
10016	AAR	SG NR (DFT+QFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.37	+0.3
10017	AAR	SG NR (DFT+QFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10018	AAR	SG NR (DFT+QFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.36	+0.3
10019	AAJ	SG NR (DFT+QFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.35	+0.3
10020	AAJ	SG NR (DFT+QFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.37	+0.3
10021	AAJ	SG NR (DFT+QFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10022	AAJ	SG NR (DFT+QFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10023	AAJ	SG NR (DFT+QFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.32	+0.3
10024	AAJ	SG NR (DFT+QFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10025	AAJ	SG NR (DFT+QFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.35	+0.3
10026	AAJ	SG NR (DFT+QFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10027	AAJ	SG NR (DFT+QFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10028	AAJ	SG NR (DFT+QFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.34	+0.3
10029	AAJ	SG NR (DFT+QFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.32	+0.3
10030	AAJ	SG NR (DFT+QFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.32	+0.3
10031	AAJ	SG NR (DFT+QFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.32	+0.3
10032	AAJ	SG NR (DFT+QFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.31	+0.3
10033	AAJ	SG NR (DFT+QFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.31	+0.3
10034	AAJ	SG NR (DFT+QFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.31	+0.3
10035	AAJ	SG NR (DFT+QFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.31	+0.3
10036	AAJ	SG NR (DFT+QFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.31	+0.3
10037	AAJ	SG NR (DFT+QFDM, 60% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.34	+0.3
10038	AAJ	SG NR (DFT+QFDM, 60% RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.37	+0.3
10039	AAJ	SG NR (DFT+QFDM, 60% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.30	+0.3
10040	AAJ	SG NR (DFT+QFDM, 60% RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.32	+0.3
10041	AAJ	SG NR (DFT+QFDM, 60% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.33	+0.3
10042	AAJ	SG NR (DFT+QFDM, 60% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.33	+0.3
10043	AAJ	SG NR (DFT+QFDM, 60% RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.35	+0.3
10044	AAJ	SG NR (DFT+QFDM, 60% RB, 60 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.35	+0.3
10045	AAJ	SG NR (DFT+QFDM, 100% RB, 5 MHz, QPSK, 10 kHz)	SG NR FR1 FDD	5.31	+0.3
10046	AAJ	SG NR (DFT+QFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.33	+0.3
10047	AAJ	SG NR (DFT+QFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.33	+0.3
10048	AAJ	SG NR (DFT+QFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.37	+0.3
10049	AAJ	SG NR (DFT+QFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.34	+0.3
10050	AAJ	SG NR (DFT+QFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.37	+0.3
10051	AAJ	SG NR (DFT+QFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.37	+0.3
10052	AAA	SG NR DL (CP+QFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.34	+0.3
10053	AAA	SG NR DL (CP+QFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.35	+0.3
10054	AAA	SG NR DL (CP+QFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.32	+0.3
10055	AAA	SG NR DL (CP+QFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.32	+0.3
10056	AAA	SG NR DL (CP+QFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.34	+0.3
10057	AAA	SG NR DL (CP+QFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.37	+0.3
10058	AAA	SG NR DL (CP+QFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.37	+0.3
10059	AAA	SG NR DL (CP+QFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10060	AAA	SG NR DL (CP+QFDM, TM 3.1, 60 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10061	AAA	SG NR DL (CP+QFDM, TM 3.1, 70 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10062	AAA	SG NR DL (CP+QFDM, TM 3.1, 80 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10063	AAA	SG NR DL (CP+QFDM, TM 3.1, 90 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10064	AAA	SG NR DL (CP+QFDM, TM 3.1, 100 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10065	AAA	SG NR DL (CP+QFDM, TM 3.1, 110 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10066	AAA	SG NR DL (CP+QFDM, TM 3.1, 120 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10067	AAA	SG NR DL (CP+QFDM, TM 3.1, 130 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10068	AAA	SG NR DL (CP+QFDM, TM 3.1, 140 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10069	AAA	SG NR DL (CP+QFDM, TM 3.1, 150 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10070	AAA	SG NR DL (CP+QFDM, TM 3.1, 160 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10071	AAA	SG NR DL (CP+QFDM, TM 3.1, 170 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10072	AAA	SG NR DL (CP+QFDM, TM 3.1, 180 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10073	AAA	SG NR DL (CP+QFDM, TM 3.1, 190 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10074	AAA	SG NR DL (CP+QFDM, TM 3.1, 200 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	5.36	+0.3
10075	AAA	ULLA 50T	ULLA	1.13	+0.3
10076	AAA	ULLA 100T	ULLA	1.13	+0.3
10077	AAA	ULLA 200T	ULLA	1.13	+0.3
10078	AAA	ULLA 400T	ULLA	1.13	+0.3
10079	AAA	ULLA 800T	ULLA	1.13	+0.3
10080	AAA	ULLA 1600T	ULLA	1.13	+0.3
10081	AAA	ULLA 3200T	ULLA	1.13	+0.3
10082	AAA	ULLA 6400T	ULLA	1.13	+0.3

EX3DV4 - SN:7770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR [dB]	Unc ^E k=2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	0.31	±9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	0.42	±9.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.56	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.58	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.58	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.58	±9.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.60	±9.6

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

Appendix A.4 Probe Calibration certificate (EX3DV4_SN3697)

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



S Schweizerischer Kalibrierdienst
C Service suisse d'étalonnage
S Servizio svizzero di taratura
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 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 (MATE critical for calibration)

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

Secondary Standards	ID	Check Date (In house)	Scheduled Check
Power meter E4419B	SN: GB41299874	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 8648C	SN: US9642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Calibrated by:	Name: Jeffrey Katzman	Function: Laboratory Technician	Signature: 
Approved by:	Name: Sven Kühr	Function: Technical Manager	Signature: 

Issued: April 13, 2023

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

Calibration Laboratory of

Schmid & Partner
Engineering AG

Zughausstrasse 43, 8004 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**

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 E^2 -field uncertainty inside TSL (see below ConvF).
- $NORM(f)_{x,y,z} = NORM_{x,y,z} \cdot \text{frequency_response}$ (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 deformation range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \leq 800$ 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 $NORM_{x,y,z} \cdot \text{ConvF}$ 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 $NORM_{x,y,z}$ (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 ($\mu V/(V/m)^2$) ^A	0.34	0.37	0.33	$\pm 10.1\%$
DGP (mV) ^B	104.5	104.5	106.0	$\pm 4.7\%$

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB $\sqrt{\mu V}$	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	$\pm 1.9\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		158.5		
		Z	0.00	0.00	1.00		139.9		
10352	Pulse Waveform (200Hz, 10%)	X	8.54	78.91	18.85	10.00	80.0	$\pm 3.2\%$	$\pm 9.6\%$
		Y	20.00	92.81	22.13		80.0		
		Z	9.51	80.49	17.40		80.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	88.26	18.19	8.99	80.0	$\pm 1.6\%$	$\pm 9.6\%$
		Y	20.00	93.58	21.43		80.0		
		Z	15.96	86.66	17.93		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	87.14	15.99	3.98	95.0	$\pm 1.4\%$	$\pm 9.6\%$
		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	67.36	8.59	2.22	120.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	20.00	95.40	19.57		120.0		
		Z	1.89	70.38	9.35		120.0		
10387	QPSK Waveform, 1 MHz	X	1.31	65.31	13.53	1.00	150.0	$\pm 3.7\%$	$\pm 9.6\%$
		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	$\pm 1.0\%$	$\pm 9.6\%$
		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	67.15	17.10	3.01	150.0	$\pm 0.9\%$	$\pm 9.6\%$
		Y	2.85	69.53	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	$\pm 2.6\%$	$\pm 9.6\%$
		Y	3.46	67.07	15.59		150.0		
		Z	3.27	66.56	15.26		150.0		
10414	WLAN CGDF, 64-QAM, 40 MHz	X	4.66	65.83	15.53	0.00	150.0	$\pm 4.6\%$	$\pm 9.6\%$
		Y	4.66	66.12	16.15		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 Norm X,Y,Z do not affect the E²-field uncertainty (see T81, last 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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EX3DV4 - SN:3697

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.

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.

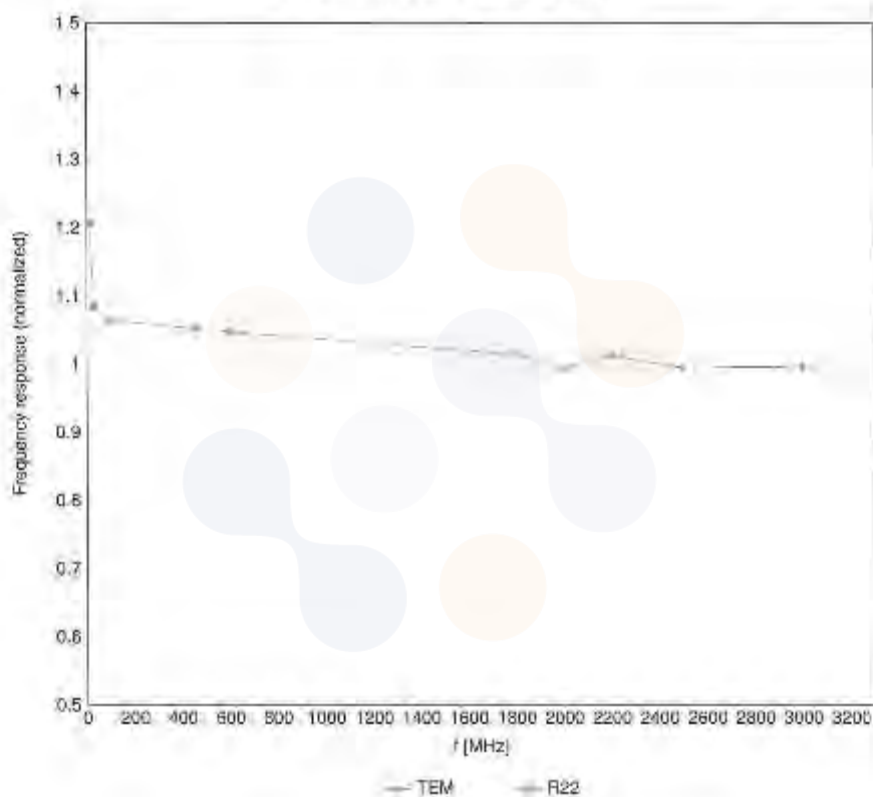
^G Alpha/Depth are determined during calibration. SPICAO warns that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter from the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

EX3DV4 - SN:3697

April 13, 2023

Frequency Response of E-Field

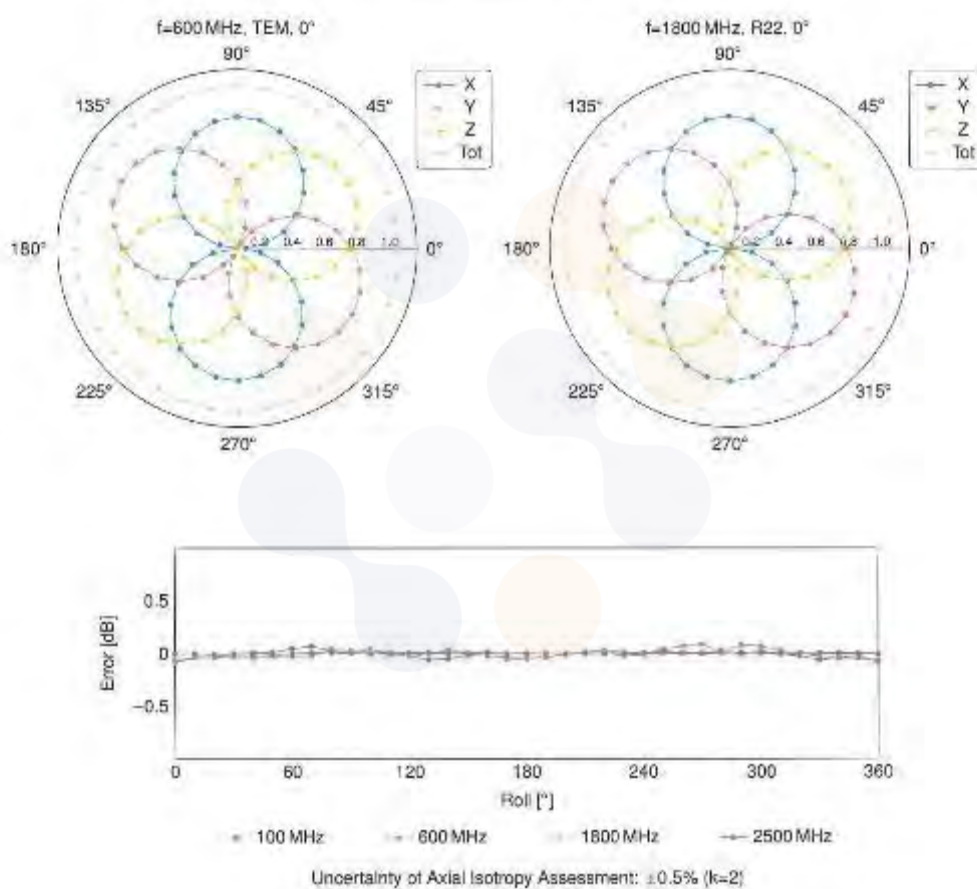
(TEM-Cell:rf1110 EXX, Waveguide:R22)



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

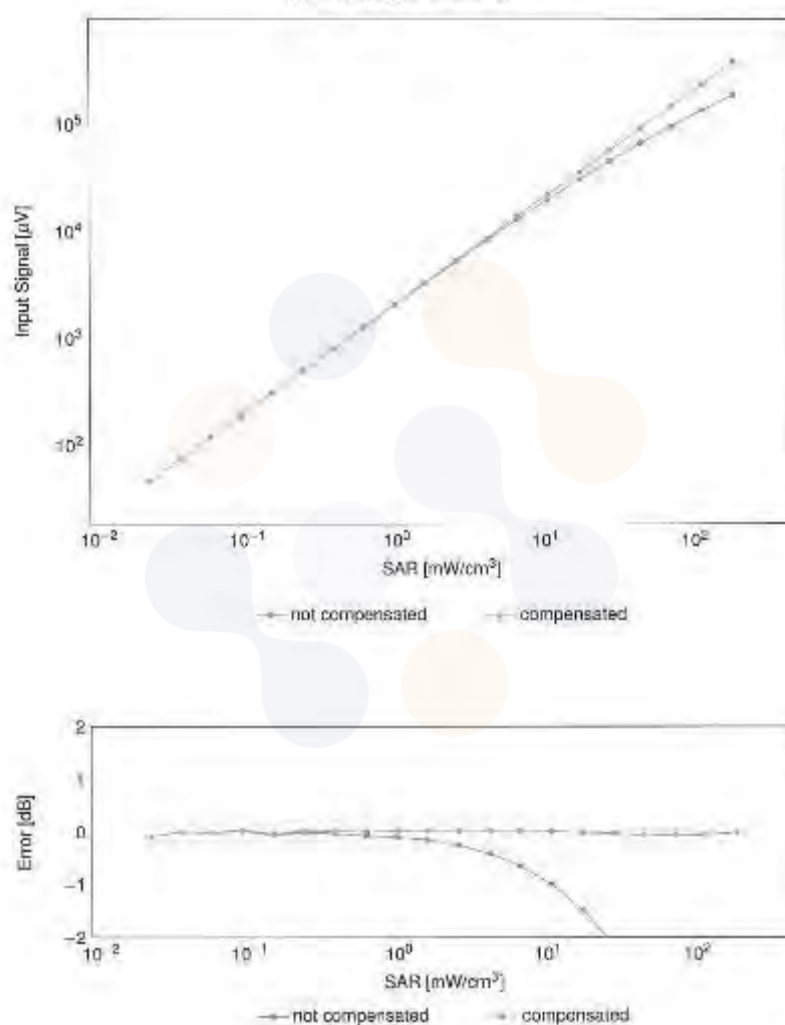
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Receiving Pattern (ϕ), $\theta = 0^\circ$ 

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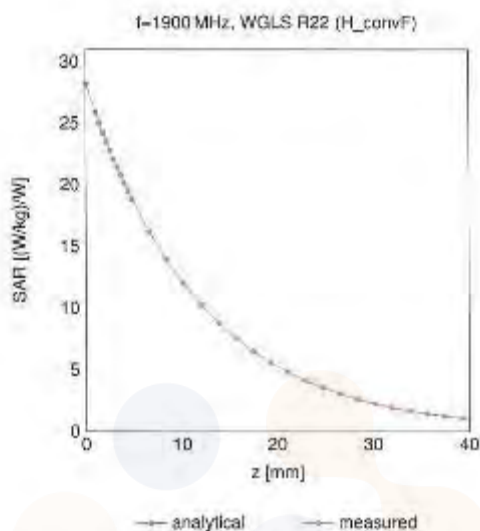
Dynamic Range f(SAR_{head})(TEM cell, f_{eval} = 1900MHz)

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

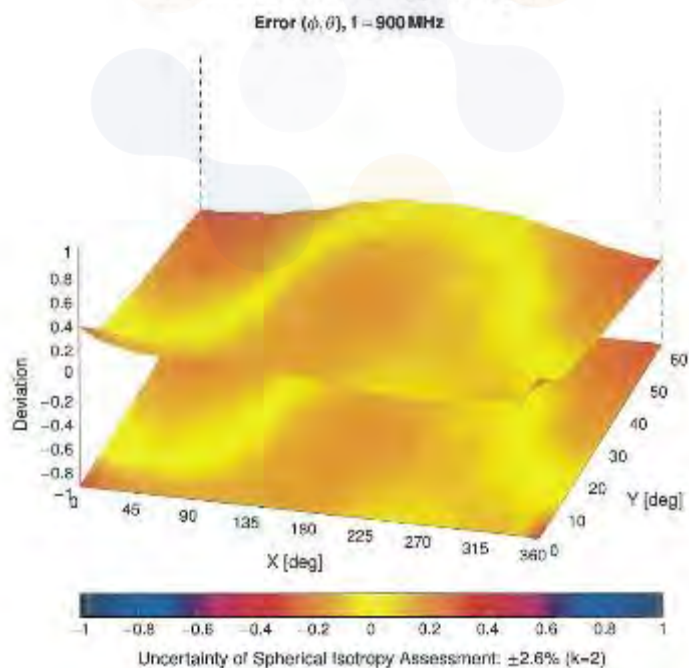
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



EX3DV4 -SN:3697

April 13, 2023

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-QPSK, DH1)	Bluetooth	3.01	±3.5
10037	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DH3)	Bluetooth	-4.77	±3.5
10038	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, 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-853 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	-3.00	±3.5
10062	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±3.5
10063	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±3.5
10064	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.03	±3.5
10065	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±3.5
10066	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±3.5
10067	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±3.5
10068	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±3.5
10069	CAD	IEEE 802.11a WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.68	±3.5
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps)	WLAN	9.92	±3.5
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps)	WLAN	8.62	±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 (HSPA)	WCDMA	3.38	±3.5
10098	CAC	UMTS-FDD (HSPA, 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	10.00	±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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EX3DV4 - SN:3697

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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	±9.8
10113	DAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	8.82	±9.8
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.8
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.8
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.8
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	±9.8
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.8
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.12	±9.8
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	±9.8
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.58	±9.8
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.79	±9.8
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.36	±9.8
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.8
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.8
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.8
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.8
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	±9.8
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.80	±9.8
10151	DAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	±9.8
10152	DAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.52	±9.8
10153	DAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.8
10154	DAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	6.75	±9.8
10155	DAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.8
10156	DAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.78	±9.8
10157	DAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.8
10158	DAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.82	±9.8
10159	DAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.66	±9.8
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.8
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.8
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.8
10163	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.48	±9.8
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.8
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.73	±9.8
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	±9.8
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	±9.8
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.8
10172	DAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.8
10173	DAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.8
10174	DAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.8
10175	DAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.8
10176	DAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.32	±9.8
10177	DAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.75	±9.8
10178	DAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.8
10179	DAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	±9.8
10180	DAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.8
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.8
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.8
10183	AAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.8
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.75	±9.8
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.8
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.8
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	±9.8
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.8
10189	AVG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.56	±9.8
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.8
10194	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.12	±9.8
10195	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 64-QAM)	WLAN	8.21	±9.8
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.8
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.14	±9.8
10198	CAD	IEEE 802.11n (HT Mixed, 58 Mbps, 64-QAM)	WLAN	8.27	±9.8
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.8
10220	CAD	IEEE 802.11n (HT Mixed, 43.8 Mbps, 16-QAM)	WLAN	8.13	±9.8
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.8
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.8
10223	CAD	IEEE 802.11n (HT Mixed, 80 Mbps, 16-QAM)	WLAN	8.48	±9.8
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.8

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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	10.26	+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	9.19	+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	9.34	+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, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	-10.06	±9.6
10312	AAA	IDEN 1.3	IDEN	-10.45	±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	-1.71	±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. 4)	CDMA2000	-3.77	±9.6
10408	AAB	CDMA2000, R33, SSS2, SCH2, Full Rate	CDMA2000	-6.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 1.4 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 802.11n 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	-2.22	±9.6
10417	AAC	IEEE 802.11n WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	-2.25	±9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 99pc duty cycle, long preamble)	WLAN	-5.14	±9.6
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 99pc duty cycle, short preamble)	WLAN	-5.19	±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, 64-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, 64-QAM	WLAN	-8.41	±9.6
10426	AAC	IEEE 802.11n HT Greenfield, 115.2 Mbps, 64-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 DPCH)	WCDMA	-6.00	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 1.4 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
10449	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 DPCH, 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	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10478	AAG	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	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.56	±9.6
10480	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-7.82	±9.6
10481	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	-8.32	±9.6

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10472	AA5	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.5
10473	AA5	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.92	+9.5
10474	AA5	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.5
10475	AA5	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.5
10477	AA3	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.5
10478	AA3	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.5
10479	AA3	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.5
10480	AA3	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	+9.5
10481	AA3	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	+9.5
10482	AA3	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	+9.5
10483	AA3	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	+9.5
10484	AA3	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	+9.5
10485	AA3	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	+9.5
10486	AA3	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	+9.5
10487	AA3	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	+9.5
10488	AA3	LTE-TDD (SC-FDMA, 60% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	+9.5
10489	AA3	LTE-TDD (SC-FDMA, 60% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	+9.5
10490	AA3	LTE-TDD (SC-FDMA, 60% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	+9.5
10491	AA5	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.5
10492	AA5	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	+9.5
10493	AA5	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	+9.5
10494	AA5	LTE-TDD (SC-FDMA, 60% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.78	+9.5
10495	AA3	LTE-TDD (SC-FDMA, 60% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	+9.5
10496	AA3	LTE-TDD (SC-FDMA, 60% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	+9.5
10497	AA3	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	+9.5
10498	AA3	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	+9.5
10499	AA3	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	+9.5
10500	AA3	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	+9.5
10501	AA3	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	+9.5
10502	AA3	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	+9.5
10503	AA3	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.78	+9.5
10504	AA3	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	+9.5
10505	AA3	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	+9.5
10506	AA3	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.5
10507	AA3	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	+9.5
10508	AA3	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	+9.5
10509	AA5	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.93	+9.5
10510	AA5	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	+9.5
10511	AA5	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	+9.5
10512	AA3	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	+9.5
10513	AA3	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	+9.5
10514	AA3	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	+9.5
10515	AA5	IEEE 802.11a WiFi 2.4GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.08	+9.5
10516	AA5	IEEE 802.11a WiFi 2.4GHz (DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.57	+9.5
10517	AA5	IEEE 802.11a WiFi 2.4GHz (DSSS, 11Mbps, 99pc duty cycle)	WLAN	1.58	+9.5
10518	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps, 99pc duty cycle)	WLAN	6.25	+9.5
10519	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps, 99pc duty cycle)	WLAN	6.35	+9.5
10520	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps, 99pc duty cycle)	WLAN	6.15	+9.5
10521	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps, 99pc duty cycle)	WLAN	7.97	+9.5
10522	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.45	+9.5
10523	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps, 99pc duty cycle)	WLAN	8.05	+9.5
10524	AA3	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps, 99pc duty cycle)	WLAN	8.27	+9.5
10525	AA3	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.35	+9.5
10526	AA3	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	+9.5
10527	AA3	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	+9.5
10528	AA3	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.35	+9.5
10529	AA3	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.35	+9.5
10530	AA3	IEEE 802.11ac WiFi (20MHz, MCS5, 99pc duty cycle)	WLAN	8.43	+9.5
10531	AA3	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.20	+9.5
10532	AA3	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.20	+9.5
10533	AA3	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	+9.5
10534	AA3	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	8.45	+9.5
10535	AA3	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	+9.5
10536	AA3	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	8.22	+9.5
10537	AA3	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	+9.5
10538	AA3	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	8.54	+9.5
10540	AA3	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.50	+9.5

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10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 80ps duty cycle)	WLAN	8.48	-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	8.89	-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	8.70	-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	8.45	-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	8.63	-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	8.88	±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 (80MHz, MCS0, 90pc duty cycle)	WLAN	8.85	±9.6
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.83	±9.6
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.89	±9.6
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10634	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.85	±9.6
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	8.93	±9.6
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.95	±9.6
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	8.95	±9.6
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	8.93	±9.6
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS10, 90pc duty cycle)	WLAN	8.95	±9.6
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS11, 90pc duty cycle)	WLAN	8.91	±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
10649	AAB	LTE-TDD (OFDMA, 5 MHz, E-PM3.1, Clipping 44%)	LTE-TDD	8.51	±9.6
10650	AAB	LTE-TDD (OFDMA, 10 MHz, E-PM3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10651	AAB	LTE-TDD (OFDMA, 15 MHz, E-PM3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10652	AAB	LTE-TDD (OFDMA, 20 MHz, E-PM3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10653	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10654	AAB	Pulse Waveform (200Hz, 20%)	Test	9.99	±9.6
10655	AAB	Pulse Waveform (200Hz, 40%)	Test	3.95	±9.6
10656	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10657	AAB	Pulse Waveform (200Hz, 80%)	Test	0.37	±9.6
10658	AAA	Bluetooth Low Energy	Bluetooth	2.13	±9.6
10659	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	8.09	±9.6
10660	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10661	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10662	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.79	±9.6
10663	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.80	±9.6
10664	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10665	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10666	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10667	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10668	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10669	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.82	±9.6
10670	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.85	±9.6
10671	AAC	IEEE 802.11ax (20MHz, MCS12, 90pc duty cycle)	WLAN	8.42	±9.6
10672	AAC	IEEE 802.11ax (20MHz, MCS13, 90pc duty cycle)	WLAN	8.26	±9.6
10673	AAC	IEEE 802.11ax (20MHz, MCS14, 90pc duty cycle)	WLAN	8.33	±9.6
10674	AAC	IEEE 802.11ax (20MHz, MCS15, 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	8.40	+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	8.40	+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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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ⁵ k = 2
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, 20MHz, 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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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ¹ K = 2
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	-0.3
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.74	-0.3
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-0.3
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.75	-0.3
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-0.3
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.66	-0.3
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.68	-0.3
10838	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-0.3
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.67	-0.3
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.71	-0.3
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	-0.3
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-0.3
10848	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-0.3
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-0.3
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	-0.3
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	-0.3
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	-0.3
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	-0.3
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-0.3
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.47	-0.3
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	-0.3
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	-0.3
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.69	-0.3
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	-0.3
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.69	-0.3
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	-0.3
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.62	-0.3
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.61	-0.3
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.65	-0.3
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	-0.3
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	-0.3
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.85	-0.3
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	-0.3
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	-0.3
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	-0.3
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	-0.3
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.66	-0.3
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.67	-0.3
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.63	-0.3
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.61	-0.3
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	5.65	-0.3
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	-0.3
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	-0.3
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.32	-0.3
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	-0.3
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	-0.3
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	-0.3
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	-0.3
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	-0.3
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	-0.3
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	-0.3
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	-0.3
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	-0.3
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	-0.3

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KCTL

EX3DV4 - SN:3697

April 13, 2023

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	±0.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.6
10935	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.50	±0.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±0.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.80	±0.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±0.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.80	±0.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.6
10943	AAC	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±0.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.55	±0.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.53	±0.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.57	±0.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.54	±0.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.57	±0.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.54	±0.6
10951	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±0.6
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	8.35	±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.