



Appendix D Calibration certificate

Appendix D.1 Calibration certificate for Probe(SN 3791)

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

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

Accreditation No.: SCS 0106

Client: **SGS**
Gyeonggi-do, Republic of Korea

Certificate No.: **EX-3791_May23**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:3791**

Calibration procedure(s): **QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,
QA CAL-25.v8**
Calibration procedure for dosimetric E-field probes

Calibration date: **May 23, 2023**

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

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-291	SN: 100344	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	29-Oct-22 (OCP DAK3.5-1249, Oct22)	Oct-23
OCP DAK-12	SN: 1016	29-Oct-22 (OCP DAK12-1016, Oct22)	Oct-23
Reference 26 dB Attenuator	SN: DC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 560	16-Mar-23 (No. DAE5-660, Mar23)	Mar-24
Reference Probe ESS0V2	SN: 3013	06-Jun-23 (No. ESS3-3013, Jun23)	Jun-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41260074	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4419A	SN: NY41409037	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4419A	SN: 005110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
P/E generator HP 6648C	SN: US3042US1700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41030477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Calibrated by: **Janon Kasirazi** Laboratory Technician

Approved by: **Sven Kilin** Technical Manager

Issued: May 24, 2023

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

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Calibration Laboratory of

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Accreditation No.: SCS 0106

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 4MHz to 10GHz)", October 2020.
- KDB 885864, "SAR Measurement Requirements for 100MHz to 6GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM_(f)_{x,y,z} = NORM_{x,y,z} * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCP_{x,y,z}: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics.
- A_{x,y,z}; B_{x,y,z}; C_{x,y,z}; D_{x,y,z}; W_(f)_{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} * 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:3791

May 23, 2023

Parameters of Probe: EX3DV4 - SN:3791

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.54	0.52	0.51	$\pm 10.1\%$
DCP (mV) ^B	102.0	101.5	101.0	$\pm 4.7\%$

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 ^C k = 2
0	CW	X	0.00	0.00	1.00	0.00	150.1	$\pm 2.2\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		141.8		
		Z	0.00	0.00	1.00		144.3		
10352	Pulse Waveform (200Hz, 10%)	X	20.00	82.83	23.15	10.00	80.0	$\pm 3.2\%$	$\pm 9.6\%$
		Y	20.00	83.04	23.07		80.0		
		Z	20.00	81.96	22.27		80.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	82.88	21.38	6.99	80.0	$\pm 1.9\%$	$\pm 9.6\%$
		Y	20.00	82.64	21.62		80.0		
		Z	20.00	81.55	20.93		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	84.94	21.51	3.88	95.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	20.00	83.47	20.46		95.0		
		Z	20.00	82.65	20.06		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	86.17	21.64	2.22	120.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	20.00	84.36	18.43		120.0		
		Z	20.00	84.47	18.57		120.0		
10387	QPSK Waveform, 1 MHz	X	1.55	65.02	14.22	1.00	150.0	$\pm 3.1\%$	$\pm 9.6\%$
		Y	1.46	64.35	13.56		150.0		
		Z	1.58	65.46	14.37		150.0		
10388	QPSK Waveform, 10 MHz	X	2.21	67.89	15.45	0.00	150.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	1.84	65.94	14.40		150.0		
		Z	2.11	67.25	15.16		150.0		
10395	64-QAM Waveform, 100 kHz	X	3.34	72.24	19.50	3.01	150.0	$\pm 0.7\%$	$\pm 9.6\%$
		Y	3.05	70.35	18.63		150.0		
		Z	3.10	70.91	18.91		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.37	66.53	15.34	0.00	150.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	3.30	65.14	15.08		150.0		
		Z	3.43	66.80	15.50		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.73	65.27	15.21	0.00	150.0	$\pm 4.5\%$	$\pm 9.6\%$
		Y	4.69	65.13	15.14		150.0		
		Z	4.80	65.51	15.40		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^2 -field uncertainty inside TSL (see Pages 5 and 6).

^B Linearization parameter uncertainty for maximum specified field strength.

^C 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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Parameters of Probe: EX3DV4 - SN:3791

Sensor Model Parameters

	C1 IF	C2 IF	α V^{-1}	T1 $ms V^{-2}$	T2 $ms V^{-1}$	T3 ms	T4 V^{-2}	T5 V^{-1}	T6
x	44.9	328.61	34.25	26.18	0.85	5.10	1.59	0.27	1.01
y	43.1	321.65	35.39	23.26	0.92	5.10	0.89	0.40	1.01
z	44.3	331.02	35.44	25.96	0.67	5.10	0.96	0.37	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-109.5°
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:3791

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	0.88	9.00	9.00	9.00	0.52	0.80	±12.0%
835	41.5	0.90	8.79	8.79	8.79	0.26	1.21	±12.0%
900	41.5	0.97	8.48	8.48	8.48	0.37	0.91	±12.0%
1750	40.1	1.37	7.60	7.60	7.60	0.40	0.66	±12.0%
1900	40.0	1.40	7.41	7.41	7.41	0.31	0.66	±12.0%
1950	40.0	1.40	7.28	7.28	7.28	0.32	0.66	±12.0%
2300	39.5	1.67	6.92	6.92	6.92	0.35	0.90	±12.0%
2450	39.2	1.80	6.80	6.80	6.80	0.41	0.90	±12.0%
2600	39.0	1.96	6.72	6.72	6.72	0.28	0.90	±12.0%
3000	38.2	2.71	6.30	6.30	6.30	0.30	1.30	±14.0%
3600	37.9	2.91	6.25	6.25	6.25	0.35	1.30	±14.0%
3700	37.7	3.12	6.19	6.19	6.19	0.35	1.30	±14.0%
3900	37.5	3.32	5.98	5.98	5.98	0.35	1.50	±14.0%
4100	37.2	3.53	5.91	5.91	5.91	0.35	1.50	±14.0%
5200	36.0	4.66	4.89	4.89	4.89	0.40	1.80	±14.0%
5300	35.9	4.76	4.74	4.74	4.74	0.40	1.80	±14.0%
5500	35.6	4.96	4.61	4.61	4.61	0.40	1.80	±14.0%
5600	35.5	5.07	4.52	4.52	4.52	0.40	1.80	±14.0%
5800	35.3	5.27	4.49	4.49	4.49	0.40	1.80	±14.0%

^C Frequency validity above 300 MHz of ±100 MHz only applies for CASY v4.4 and higher (see Page 21), 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 35, 64, 128, 150 and 200 MHz respectively. Validity of ConvF assessed at 0 MHz is 4–8 MHz, and ConvF assessed at 10 MHz is 8–10 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

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

^G Alpha/Depth are determined during calibration. SPEAC 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:3791

Calibration Parameter Determined in Head Tissue Simulating Media

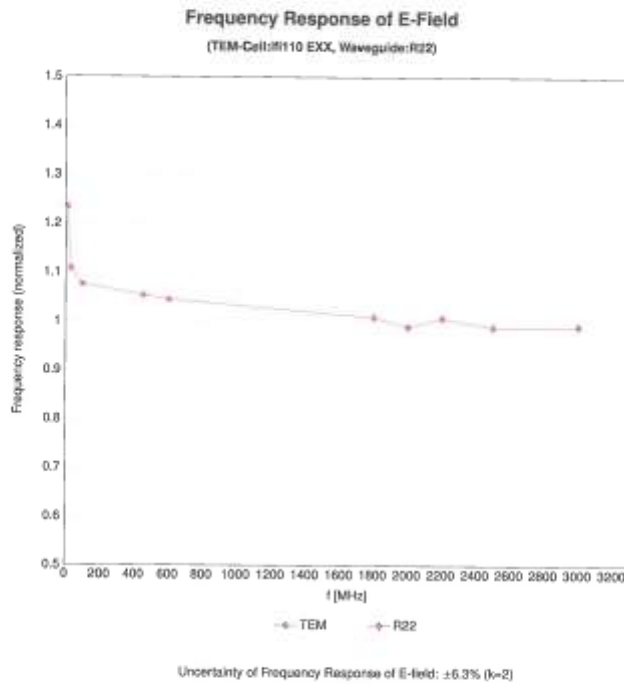
f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
6500	34.5	6.07	5.00	5.00	5.00	0.20	2.50	±18.6%

^C Frequency validity at 6.5 GHz is ~900~1700 MHz, and ~1700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.
^F The probes are calibrated using tissue simulating liquids (TSL) that deviate for ϵ and σ by less than $\pm 10\%$ from the target values (typically better than $\pm 8\%$) and are valid for TSL with deviations of up to $\pm 10\%$.
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than $\pm 1\%$ for frequencies below 3 GHz; below $\pm 2\%$ for frequencies between 3-6 GHz; and below $\pm 4\%$ for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.



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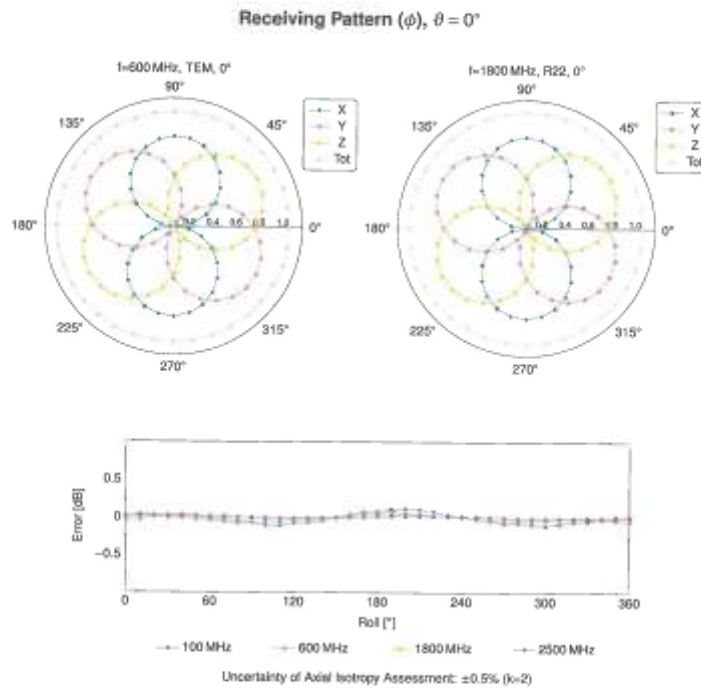


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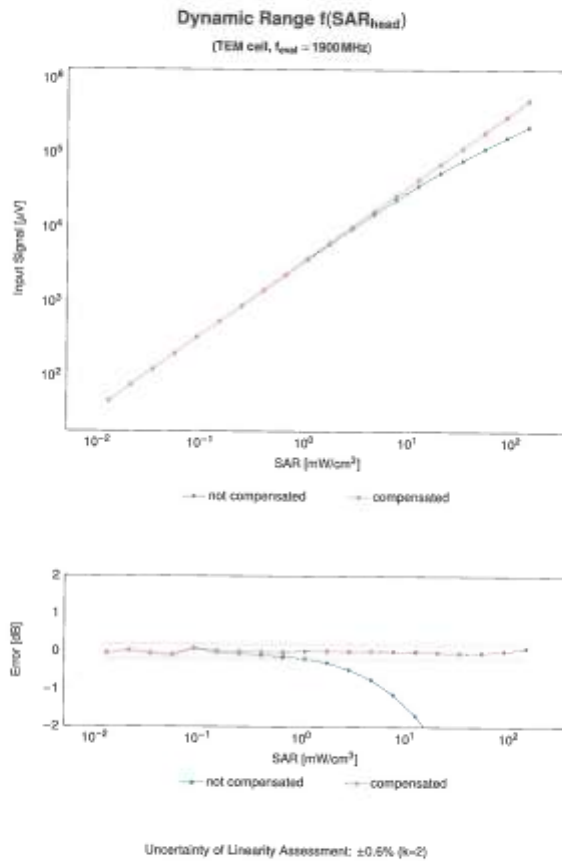


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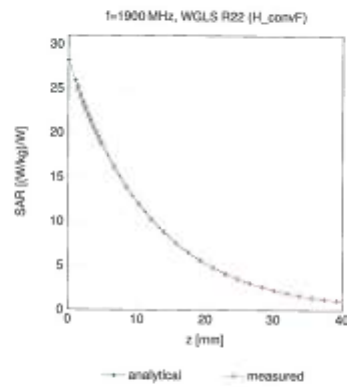
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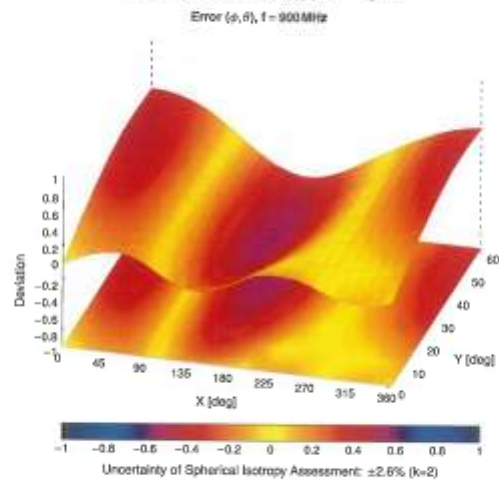
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Conversion Factor Assessment



Deviation from Isotropy in Liquid



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Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^a k = 2
0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100ma, 10ms)	Test	10.00	±0.5
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±0.6
10013	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps)	WLAN	1.87	±0.6
10013	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS OFDM, 6Mbps)	WLAN	2.46	±0.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±0.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 8)	GSM	8.57	±0.6
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 8-1)	GSM	8.56	±0.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 8)	GSM	12.02	±0.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 8-1)	GSM	9.55	±0.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 8-1-2)	GSM	4.80	±0.6
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 8-1-3)	GSM	3.95	±0.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 8-1-2)	GSM	7.76	±0.6
10030	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±0.6
10031	CAB	IEEE 802.15.1 Bluetooth (GFSK, DH2)	Bluetooth	1.67	±0.6
10032	CAB	IEEE 802.15.1 Bluetooth (2FSK, DH2)	Bluetooth	1.16	±0.6
10033	CAB	IEEE 802.15.1 Bluetooth (FSK, DH1)	Bluetooth	7.74	±0.6
10034	CAB	IEEE 802.15.1 Bluetooth (FSK, DH2)	Bluetooth	4.53	±0.6
10035	CAB	IEEE 802.15.1 Bluetooth (FSK, DH3)	Bluetooth	3.85	±0.6
10036	CAB	IEEE 802.15.1 Bluetooth (FSK, DH4)	Bluetooth	8.07	±0.6
10037	CAB	IEEE 802.15.1 Bluetooth (FSK, DH5)	Bluetooth	4.77	±0.6
10038	CAB	IEEE 802.15.1 Bluetooth (FSK, DH6)	Bluetooth	4.10	±0.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±0.6
10042	CAB	IS-94 / IS-136 FDD (TDMA/FDM, PSK-DQPSK, Fullrate)	AMPS	7.78	±0.6
10044	CAB	IS-94/IS-136 FDD (TDMA/FDM, PSK, Full Rate, 30)	AMPS	9.00	±0.6
10048	CAB	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±0.6
10049	CAB	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±0.6
10050	CAB	UMTS-TDD (TD-SSDMA, 1.28Mbps)	TD-SSDMA	11.21	±0.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 8-1-2-3)	GSM	8.52	±0.6
10059	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 2Mbps)	WLAN	2.12	±0.6
10060	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps)	WLAN	2.83	±0.6
10061	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 11Mbps)	WLAN	3.60	±0.6
10062	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps)	WLAN	8.88	±0.6
10063	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps)	WLAN	8.63	±0.6
10064	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps)	WLAN	9.09	±0.6
10065	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps)	WLAN	9.00	±0.6
10066	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps)	WLAN	9.28	±0.6
10067	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps)	WLAN	10.12	±0.6
10068	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.24	±0.6
10069	CAB	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.56	±0.6
10071	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 9Mbps)	WLAN	9.03	±0.6
10072	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 12Mbps)	WLAN	9.02	±0.6
10073	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 18Mbps)	WLAN	9.94	±0.6
10074	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 24Mbps)	WLAN	10.50	±0.6
10075	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 36Mbps)	WLAN	10.77	±0.6
10076	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 48Mbps)	WLAN	10.94	±0.6
10077	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 54Mbps)	WLAN	11.06	±0.6
10081	CAB	CDMA2000 (1xEV-DO)	CDMA2000	3.97	±0.6
10082	CAB	IS-94 / IS-136 FDD (TDMA/FDM, PSK-DQPSK, Fullrate)	AMPS	4.77	±0.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 8-4)	GSM	8.56	±0.6
10097	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.88	±0.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 3)	WCDMA	3.88	±0.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 8-4)	GSM	9.55	±0.6
10100	CAB	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.87	±0.6
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	±0.6
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.80	±0.6
10103	CAB	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TDD	9.29	±0.6
10104	CAB	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-TDD	9.97	±0.6
10105	CAB	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TDD	10.01	±0.6
10106	CAB	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	5.90	±0.6
10109	CAB	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	6.43	±0.6
10110	CAB	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	6.75	±0.6
10111	CAB	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.64	±0.6

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UBD	Rev	Communication System Name	Group	FAR (dB)	Use? k = 2
15113	CAH	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	5.58	<0.5
15113	CAH	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	5.52	<0.5
15114	CAD	IEEE 802.11e (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.15	<0.5
15115	CAD	IEEE 802.11e (HT Greenfield, 8.7 Mbps, 16-QAM)	WLAN	8.48	<0.5
15116	CAD	IEEE 802.11e (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	<0.5
15117	CAD	IEEE 802.11e (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.97	<0.5
15118	CAD	IEEE 802.11e (HT Mixed, 8.7 Mbps, 16-QAM)	WLAN	8.58	<0.5
15119	CAD	IEEE 802.11e (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	<0.5
15140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	<0.5
15141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.53	<0.5
15142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	<0.5
15143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	<0.5
15144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.35	<0.5
15145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	6.66	<0.5
15146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.76	<0.5
15147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.73	<0.5
15148	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.60	<0.5
15150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	<0.5
15151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	5.28	<0.5
15152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	5.00	<0.5
15153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.06	<0.5
15154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.76	<0.5
15155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	<0.5
15156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	<0.5
15157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	5.79	<0.5
15158	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.46	<0.5
15159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	<0.5
15160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.56	<0.5
15161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	<0.5
15162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	5.58	<0.5
15166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.48	<0.5
15167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	<0.5
15168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.78	<0.5
15169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	<0.5
15170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.53	<0.5
15171	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	<0.5
15172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	<0.5
15173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	<0.5
15174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.36	<0.5
15175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	6.79	<0.5
15176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	<0.5
15177	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	<0.5
15178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	<0.5
15179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	<0.5
15180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	<0.5
15181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	<0.5
15182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	<0.5
15183	AAZ	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	<0.5
15184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.50	<0.5
15185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	5.73	<0.5
15186	AAZ	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.61	<0.5
15187	CAQ	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	<0.5
15188	CAH	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	&

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UID	Rev	Communication System Name	Group	PART (dB)	Sinc ² k = 3
10225	CAC	UMTS FDD (HSPA+)	WCDMA	5.57	±9.8
10226	CAC	LTE FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.46	±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, 3 MHz, 16-QAM)	LTE-TDD	9.22	±9.8
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	9.44	±9.8
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.35	±9.8
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.8
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.44	±9.8
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.8
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.21	±9.8
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.68	±9.8
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.39	±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	10.26	±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	9.82	±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	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.8
10245	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±9.8
10246	CAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.8
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	9.91	±9.8
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.09	±9.8
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.39	±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	9.24	±9.8
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±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	9.99	±9.8
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.09	±9.8
10258	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±9.8
10259	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.8
10260	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.8
10261	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.34	±9.8
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.60	±9.8
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	10.16	±9.8
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.20	±9.8
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.90	±9.8
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±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	10.06	±9.8
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.15	±9.8
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.8
10271	CAC	UMTS FDD (HSPA, Subnet 5, SCPP Rel3.4)	WCDMA	4.87	±9.8
10272	CAC	UMTS FDD (HSPA, Subnet 5, SCPP Rel3.4)	WCDMA	3.96	±9.8
10273	CAH	PHS (QPSK, BW 884 MHz, Roll-off 0.5)	PHS	11.81	±9.8
10274	CAH	PHS (QPSK, BW 884 MHz, Roll-off 0.35)	PHS	11.81	±9.8
10275	CAH	PHS (QPSK, BW 884 MHz, Roll-off 0.35)	PHS	12.18	±9.8
10276	AAB	CDMA2000, RCT, SC06, Full Rate	CDMA2000	3.91	±9.8
10277	AAB	CDMA2000, RCT, SC06, Full Rate	CDMA2000	3.48	±9.8
10278	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	3.39	±9.8
10279	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	3.50	±9.8
10280	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	12.49	±9.8
10281	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	5.81	±9.8
10282	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	5.72	±9.8
10283	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	6.39	±9.8
10284	AAB	CDMA2000, RCT, SC02, Full Rate	CDMA2000	6.00	±9.8
10301	AAA	IEEE 802.16e WMAX (20-18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	±9.8
10302	AAA	IEEE 802.16e WMAX (20-18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTR symbols)	WMAX	12.57	±9.8
10303	AAA	IEEE 802.16e WMAX (20-18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	±9.8
10304	AAA	IEEE 802.16e WMAX (20-18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.86	±9.8
10305	AAA	IEEE 802.16e WMAX (20-18, 5 ms, 10 MHz, 64QAM, PUSC, 10 symbols)	WMAX	15.24	±9.8
10306	AAA	IEEE 802.16e WMAX (20-18, 5 ms, 10 MHz, 64QAM, PUSC, 10 symbols)	WMAX	14.67	±9.8

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ID	Rev	Communication Span Name	Group	Min	Max
10307	AAA	IEEE 802.11e WMAN (25-18, 10 ms, 10 MHz, QPSK, PUSC, 16 symbols)	WMAN	14.48	+0.0
10308	AAA	IEEE 802.11e WMAN (25-18, 10 ms, 10 MHz, 19QAM, PUSC)	WMAN	14.48	+0.0
10309	AAA	IEEE 802.11e WMAN (25-18, 10 ms, 10 MHz, 19QAM, AMC 2x3, 16 symbols)	WMAN	14.56	+0.0
10310	AAA	IEEE 802.11e WMAN (25-18, 10 ms, 10 MHz, QPSK, AMC 2x3, 16 symbols)	WMAN	14.57	+0.0
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	9.08	+0.0
10313	AAA	IDEN T-3	IDEN	10.51	+0.0
10314	AAA	IDEN T-5	IDEN	13.48	+0.0
10315	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, 99ps duty cycle)	WLAN	1.71	+0.0
10316	AAA	IEEE 802.11g WFI 2.4 GHz (OFDM, 6 Mbps, 99ps duty cycle)	WLAN	8.38	+0.0
10317	AAA	IEEE 802.11g WFI 5 GHz (OFDM, 6 Mbps, 99ps duty cycle)	WLAN	1.78	+0.0
10323	AAA	Pulse Waveform (200Hz, 10%)	Generic	0.39	+0.0
10323	AAA	Pulse Waveform (200Hz, 20%)	Generic	0.69	+0.0
10324	AAA	Pulse Waveform (200Hz, 40%)	Generic	2.09	+0.0
10325	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.32	+0.0
10326	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	+0.0
10334	AAA	QPSK Waveform, 1 MHz	Generic	5.10	+0.0
10335	AAA	QPSK Waveform, 10 MHz	Generic	6.39	+0.0
10336	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	+0.0
10339	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	+0.0
10340	AAE	IEEE 802.11ac WFI (40 MHz, 64-QAM, 99ps duty cycle)	WLAN	8.37	+0.0
10401	AAE	IEEE 802.11ac WFI (40 MHz, 64-QAM, 99ps duty cycle)	WLAN	8.66	+0.0
10402	AAE	IEEE 802.11ac WFI (80 MHz, 64-QAM, 99ps duty cycle)	WLAN	8.65	+0.0
10403	AAE	CDMA2000 1xEV-DO, Rev. 0	CDMA2000	3.76	+0.0
10404	AAE	CDMA2000 1xEV-DO, Rev. 0	CDMA2000	3.77	+0.0
10406	AAE	CDMA2000 3G SS: SC-SS, SC-SS, Full Rate	CDMA2000	5.22	+0.0
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Cont=0)	LTE-TDD	7.84	+0.0
10414	AAA	WLAN CDF: 64-QAM, 40 MHz	Generic	8.58	+0.0
10415	AAA	IEEE 802.11p WFI 2.4 GHz (DSSS, 1 Mbps, 99ps duty cycle)	WLAN	1.54	+0.0
10416	AAA	IEEE 802.11p WFI 2.4 GHz (OFDM, 6 Mbps, 99ps duty cycle)	WLAN	8.23	+0.0
10417	AAE	IEEE 802.11ah WFI 5 GHz (QPSK, 6 Mbps, 99ps duty cycle)	WLAN	8.23	+0.0
10418	AAA	IEEE 802.11p WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99ps duty cycle, Long preamble)	WLAN	8.44	+0.0
10419	AAA	IEEE 802.11p WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99ps duty cycle, Short preamble)	WLAN	8.19	+0.0
10422	AAE	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	0.32	+0.0
10423	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	0.47	+0.0
10424	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, QPSK)	WLAN	8.40	+0.0
10425	AAE	IEEE 802.11n (HT Greenfield, 30 Mbps, 16-QAM)	WLAN	8.41	+0.0
10426	AAE	IEEE 802.11n (HT Greenfield, 60 Mbps, 64-QAM)	WLAN	8.45	+0.0
10427	AAE	IEEE 802.11n (HT Greenfield, 100 Mbps, 64-QAM)	WLAN	8.41	+0.0
10430	AAE	LTE-FDD (F-OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	0.28	+0.0
10431	AAE	LTE-FDD (F-OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	0.38	+0.0
10432	AAE	LTE-FDD (F-OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	0.34	+0.0
10433	AAE	LTE-FDD (F-OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	0.34	+0.0
10434	AAE	WCDMA (EG-TS Modem, 1.4 MHz, 64-QPSK)	WCDMA	0.60	+0.0
10435	AAE	LTE-FDD (F-OFDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	+0.0
10436	AAE	LTE-FDD (F-OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.58	+0.0
10446	AAE	LTE-FDD (F-OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.52	+0.0
10449	AAE	LTE-FDD (F-OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	+0.0
10450	AAE	LTE-FDD (F-OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	+0.0
10451	AAE	W-CDMA (EG-TS Modem, 1.4 MHz, 64-QPSK, Clipping 44%)	WCDMA	7.58	+0.0
10452	AAE	Validation (39us, 10 ms, 1 ms)	Test	15.80	+0.0
10456	AAE	IEEE 802.11ac WFI (100 MHz, 64-QAM, 99ps duty cycle)	WLAN	8.83	+0.0
10457	AAE	UMTS-FDD (DC-HSDPA)	WCDMA	0.62	+0.0
10458	AAA	CDMA2000 1xEV-DO, Rev. 0, 2 carriers	CDMA2000	6.55	+0.0
10459	AAA	CDMA2000 1xEV-DO, Rev. 0, 3 carriers	CDMA2000	8.35	+0.0
10460	AAE	UMTS-FDD (WCDMA, AMV)	WCDMA	3.39	+0.0
10461	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	+0.0
10462	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	+0.0
10463	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	+0.0
10464	AAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.89	+0.0
10465	AAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	+0.0
10466	AAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+0.0
10467	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.92	+0.0
10468	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+0.0
10469	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.56	+0.0
10470	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.89	+0.0
10471	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+0.0

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Item	Rev	Communication System Name	Group	PAR (dB)	Line* k=2
16472	AAQ	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.5
16473	AAQ	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.88	±0.5
16474	AAQ	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±0.5
16475	AAQ	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.5
16477	AAQ	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±0.5
16478	AAQ	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.5
16479	AAQ	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
16480	AAQ	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	±0.5
16481	AAQ	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±0.5
16482	AAQ	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	±0.5
16483	AAQ	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	±0.5
16484	AAQ	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	±0.5
16485	AAQ	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	±0.5
16486	AAQ	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±0.5
16487	AAQ	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.63	±0.5
16488	AAQ	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	±0.5
16489	AAQ	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±0.5
16490	AAQ	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.74	±0.5
16491	AAQ	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
16492	AAQ	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±0.5
16493	AAQ	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.65	±0.5
16494	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
16495	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±0.5
16496	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.64	±0.5
16497	AAQ	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±0.5
16498	AAQ	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	±0.5
16499	AAQ	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	±0.5
16500	AAQ	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±0.5
16501	AAQ	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±0.5
16502	AAQ	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±0.5
16503	AAQ	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	±0.5
16504	AAQ	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±0.5
16505	AAQ	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±0.5
16506	AAQ	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
16507	AAQ	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	±0.5
16508	AAQ	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±0.5
16509	AAQ	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.69	±0.5
16510	AAQ	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±0.5
16511	AAQ	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±0.5
16512	AAQ	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±0.5
16513	AAQ	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±0.5
16514	AAQ	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.65	±0.5
16515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.58	±0.5
16516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.57	±0.5
16517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.58	±0.5
16518	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.23	±0.5
16519	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.29	±0.5
16520	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.12	±0.5
16521	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	7.57	±0.5
16522	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.45	±0.5
16523	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.06	±0.5
16524	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.27	±0.5
16525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.36	±0.5
16526	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.42	±0.5
16527	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.21	±0.5
16528	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.36	±0.5
16529	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.29	±0.5
16530	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.36	±0.5
16531	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.43	±0.5
16532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.29	±0.5
16533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.38	±0.5
16534	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.45	±0.5
16535	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.45	±0.5
16536	AAC	IEEE 802.11ac WiFi (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.33	±0.5
16537	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.44	±0.5
16538	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.54	±0.5
16539	AAC	IEEE 802.11ac WiFi (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.39	±0.5

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LRD	Rev	Communication System Name	Group	PAR (dBm)	Unc ^h k = 2
10541	AAC	IEEE 802.11ac WFI (40 MHz, MCS7, 90pc duty cycle)	WLAN	0.46	±0.6
10542	AAC	IEEE 802.11ac WFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	0.65	±0.6
10543	AAC	IEEE 802.11ac WFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	0.66	±0.6
10544	AAC	IEEE 802.11ac WFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	0.47	±0.6
10545	AAC	IEEE 802.11ac WFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	0.55	±0.6
10546	AAC	IEEE 802.11ac WFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	0.35	±0.6
10547	AAC	IEEE 802.11ac WFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	0.40	±0.6
10548	AAC	IEEE 802.11ac WFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	0.37	±0.6
10550	AAC	IEEE 802.11ac WFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	0.38	±0.6
10551	AAC	IEEE 802.11ac WFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	0.50	±0.6
10552	AAC	IEEE 802.11ac WFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	0.42	±0.6
10553	AAC	IEEE 802.11ac WFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	0.45	±0.6
10554	AAC	IEEE 802.11ac WFI (160 MHz, MCS0, 90pc duty cycle)	WLAN	0.48	±0.6
10555	AAC	IEEE 802.11ac WFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	0.47	±0.6
10556	AAC	IEEE 802.11ac WFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	0.50	±0.6
10557	AAC	IEEE 802.11ac WFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	0.52	±0.6
10558	AAC	IEEE 802.11ac WFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	0.47	±0.6
10559	AAC	IEEE 802.11ac WFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	0.73	±0.6
10561	AAC	IEEE 802.11ac WFI (160 MHz, MCS7, 90pc duty cycle)	WLAN	0.56	±0.6
10562	AAC	IEEE 802.11ac WFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	0.69	±0.6
10563	AAC	IEEE 802.11ac WFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	0.77	±0.6
10564	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	0.25	±0.6
10565	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	0.45	±0.6
10566	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	0.13	±0.6
10567	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	0.00	±0.6
10568	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	0.37	±0.6
10569	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	0.10	±0.6
10570	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	0.30	±0.6
10571	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.29	±0.6
10572	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±0.6
10573	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 3.5 Mbps, 90pc duty cycle)	WLAN	1.98	±0.6
10574	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.99	±0.6
10575	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	0.59	±0.6
10576	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	0.60	±0.6
10577	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	0.70	±0.6
10578	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	0.49	±0.6
10579	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	0.36	±0.6
10580	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	0.70	±0.6
10581	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	0.26	±0.6
10582	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	0.67	±0.6
10583	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	0.59	±0.6
10584	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	0.60	±0.6
10585	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	0.70	±0.6
10586	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	0.46	±0.6
10587	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	0.38	±0.6
10588	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	0.78	±0.6
10589	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	0.35	±0.6
10590	AAC	IEEE 802.11ah WFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	0.67	±0.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	0.63	±0.6
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	0.79	±0.6
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	0.54	±0.6
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	0.74	±0.6
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	0.74	±0.6
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	0.71	±0.6
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	0.72	±0.6
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	0.90	±0.6
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	0.79	±0.6
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	0.88	±0.6
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	0.80	±0.6
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	0.94	±0.6
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	0.93	±0.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	0.76	±0.6
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	0.97	±0.6
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	0.82	±0.6
10607	AAC	IEEE 802.11ac WFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	0.64	±0.6
10608	AAC	IEEE 802.11ac WFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	0.77	±0.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unit: k = 2
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.67	±0.5
10610	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±0.5
10611	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.79	±0.5
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.77	±0.5
10613	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.94	±0.5
10614	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.99	±0.5
10615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.82	±0.5
10616	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.82	±0.5
10617	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±0.5
10618	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.59	±0.5
10619	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±0.5
10620	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±0.5
10621	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±0.5
10622	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±0.5
10623	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.62	±0.5
10624	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±0.5
10625	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±0.5
10626	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.82	±0.5
10627	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.66	±0.5
10628	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±0.5
10629	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±0.5
10630	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±0.5
10631	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±0.5
10632	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±0.5
10633	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±0.5
10634	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.92	±0.5
10635	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±0.5
10636	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.82	±0.5
10637	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.79	±0.5
10638	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.99	±0.5
10639	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±0.5
10640	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.93	±0.5
10641	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.96	±0.5
10642	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.99	±0.5
10643	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±0.5
10644	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.95	±0.5
10645	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±0.5
10646	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.11	±0.5
10647	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.11	±0.5
10648	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.11	±0.5
10649	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.11	±0.5
10650	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.11	±0.5
10651	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.11	±0.5
10652	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.11	±0.5
10653	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.11	±0.5
10654	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±0.5
10655	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.11	±0.5
10656	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.11	±0.5
10657	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.11	±0.5
10658	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.11	±0.5
10659	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.11	±0.5
10660	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.11	±0.5
10661	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.11	±0.5
10662	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.11	±0.5
10663	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±0.5
10664	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.11	±0.5
10665	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.11	±0.5
10666	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.11	±0.5
10667	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.11	±0.5
10668	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.11	±0.5
10669	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.11	±0.5
10670	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.11	±0.5
10671	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.11	±0.5
10672	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±0.5
10673	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.11	±0.5
10674	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.11	±0.5
10675	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.11	±0.5
10676	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.11	±0.5
10677	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.11	±0.5
10678	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.11	±0.5
10679	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.11	±0.5
10680	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.11	±0.5
10681	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±0.5
10682	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.11	±0.5
10683	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.11	±0.5
10684	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.11	±0.5
10685	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.11	±0.5
10686	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.11	±0.5
10687	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.11	±0.5
10688	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.11	±0.5
10689	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.11	±0.5
10690	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.11	±0.5

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Report File No : F690501-RF-SAR000491

Date of Issue : 2024-09-04

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SAR7081-04 (2020.12.15)(0)

A4 (210mm x 297mm)



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ISO	Rev	Communication System Name	Group	PAR (dB)	Unc ^a k = 2
10887	AAC	IEEE 802.11ax (30 MHz, MCS4, 99pc duty cycle)	WLAN	0.45	±0.6
10888	AAC	IEEE 802.11ax (30 MHz, MCS5, 99pc duty cycle)	WLAN	0.39	±0.6
10889	AAC	IEEE 802.11ax (30 MHz, MCS6, 99pc duty cycle)	WLAN	0.55	±0.6
10890	AAC	IEEE 802.11ax (30 MHz, MCS7, 99pc duty cycle)	WLAN	0.29	±0.6
10891	AAC	IEEE 802.11ax (30 MHz, MCS8, 99pc duty cycle)	WLAN	0.25	±0.6
10892	AAC	IEEE 802.11ax (30 MHz, MCS9, 99pc duty cycle)	WLAN	0.29	±0.6
10893	AAC	IEEE 802.11ax (30 MHz, MCS10, 99pc duty cycle)	WLAN	0.57	±0.6
10894	AAC	IEEE 802.11ax (30 MHz, MCS11, 99pc duty cycle)	WLAN	0.70	±0.6
10895	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	0.91	±0.6
10896	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	0.61	±0.6
10897	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	0.89	±0.6
10898	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	0.82	±0.6
10899	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	0.73	±0.6
10900	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	0.86	±0.6
10901	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	0.82	±0.6
10902	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	0.56	±0.6
10903	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	0.60	±0.6
10904	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	0.32	±0.6
10905	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	0.33	±0.6
10906	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	0.29	±0.6
10907	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	0.39	±0.6
10908	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	0.57	±0.6
10909	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	0.33	±0.6
10910	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	0.28	±0.6
10911	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	0.45	±0.6
10912	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	0.30	±0.6
10913	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	0.40	±0.6
10914	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	0.40	±0.6
10915	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	0.40	±0.6
10916	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	0.40	±0.6
10917	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	0.40	±0.6
10918	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	0.40	±0.6
10919	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	0.01	±0.6
10920	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	0.87	±0.6
10921	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	0.76	±0.6
10922	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	0.55	±0.6
10923	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	0.70	±0.6
10924	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	0.60	±0.6
10925	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	0.74	±0.6
10926	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	0.72	±0.6
10927	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	0.66	±0.6
10928	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	0.65	±0.6
10929	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	0.64	±0.6
10930	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	0.67	±0.6
10931	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	0.42	±0.6
10932	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	0.46	±0.6
10933	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	0.40	±0.6
10934	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	0.35	±0.6
10935	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	0.33	±0.6
10936	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	0.27	±0.6
10937	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	0.36	±0.6
10938	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	0.42	±0.6
10939	AAC	IEEE 802.11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	0.29	±0.6
10940	AAC	IEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	0.48	±0.6
10941	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	0.40	±0.6
10942	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	0.43	±0.6
10943	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	0.94	±0.6
10944	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	0.93	±0.6
10945	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	0.11	±0.6
10946	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	0.04	±0.6
10947	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	0.93	±0.6
10948	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	0.90	±0.6
10949	AAC	IEEE 802.11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	0.79	±0.6
10950	AAC	IEEE 802.11ax (160 MHz, MCS7, 99pc duty cycle)	WLAN	0.82	±0.6
10951	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	0.81	±0.6
10952	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	0.81	±0.6

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10753	AAC	IEEE 802.11ax (160MHz, MCS10, 80pc duty cycle)	WLAN	8.66	±0.5
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 80pc duty cycle)	WLAN	8.54	±0.5
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 80pc duty cycle)	WLAN	8.64	±0.5
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 80pc duty cycle)	WLAN	8.77	±0.5
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 80pc duty cycle)	WLAN	8.77	±0.5
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 80pc duty cycle)	WLAN	8.89	±0.5
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 80pc duty cycle)	WLAN	8.58	±0.5
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 80pc duty cycle)	WLAN	8.40	±0.5
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 80pc duty cycle)	WLAN	8.59	±0.5
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 80pc duty cycle)	WLAN	8.49	±0.5
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 80pc duty cycle)	WLAN	8.53	±0.5
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 80pc duty cycle)	WLAN	8.54	±0.5
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 80pc duty cycle)	WLAN	8.54	±0.5
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 80pc duty cycle)	WLAN	8.51	±0.5
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±0.5
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±0.5
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±0.5
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.5
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.5
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	±0.5
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.03	±0.5
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.5
10775	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±0.5
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.36	±0.5
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±0.5
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.34	±0.5
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.42	±0.5
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±0.5
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±0.5
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±0.5
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±0.5
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.29	±0.5
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.40	±0.5
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±0.5
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.44	±0.5
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.5
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.37	±0.5
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.5
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.83	±0.5
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.92	±0.5
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.85	±0.5
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±0.5
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.84	±0.5
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±0.5
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.01	±0.5
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	±0.5
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	±0.5
10800	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.85	±0.5
10801	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.87	±0.5
10802	AAC	5G NR (CP-OFDM, 1 RB, 120 MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.90	±0.5
10803	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10804	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.37	±0.5
10805	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10806	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10807	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±0.5
10808	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±0.5
10809	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10810	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±0.5
10811	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±0.5
10812	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10813	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.5
10814	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.5
10815	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.38	±0.5
10816	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.39	±0.5
10817	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.5
10818	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.42	±0.5
10819	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.45	±0.5
10820	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.45	±0.5

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10020	AA0	50 NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.40	+9.6
10030	AA0	50 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.60	+9.6
10031	AA0	50 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.70	+9.6
10032	AA0	50 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.75	+9.6
10033	AA0	50 NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.75	+9.6
10034	AA0	50 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.75	+9.6
10036	AA0	50 NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.70	+9.6
10038	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.68	+9.6
10037	AA0	50 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.68	+9.6
10039	AA0	50 NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.70	+9.6
10040	AA0	50 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.67	+9.6
10041	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	7.71	+9.6
10043	AA0	50 NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.48	+9.6
10044	AA0	50 NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.50	+9.6
10045	AA0	50 NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.47	+9.6
10046	AA0	50 NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.48	+9.6
10048	AA0	50 NR (CP-OFDM, 10% RB, 10 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.47	+9.6
10050	AA0	50 NR (CP-OFDM, 10% RB, 15 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.38	+9.6
10050	AA0	50 NR (CP-OFDM, 10% RB, 20 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.37	+9.6
10057	AA0	50 NR (CP-OFDM, 10% RB, 25 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.35	+9.6
10058	AA0	50 NR (CP-OFDM, 10% RB, 30 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.38	+9.6
10059	AA0	50 NR (CP-OFDM, 10% RB, 40 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.34	+9.6
10060	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.41	+9.6
10061	AA0	50 NR (CP-OFDM, 10% RB, 60 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.40	+9.6
10062	AA0	50 NR (CP-OFDM, 10% RB, 80 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.41	+9.6
10064	AA0	50 NR (CP-OFDM, 10% RB, 90 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.37	+9.6
10065	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.41	+9.6
10066	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	8.68	+9.6
10068	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	7.75	+9.6
10070	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	5.98	+9.6
10071	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	6.75	+9.6
10072	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	6.52	+9.6
10073	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.01	+9.6
10074	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.05	+9.6
10075	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	7.78	+9.6
10076	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	7.88	+9.6
10077	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.41	+9.6
10078	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.10	+9.6
10079	AA0	50 NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	7.38	+9.6
10080	AA0	50 NR (CP-OFDM, 10% RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	7.75	+9.6
10081	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	5.75	+9.6
10082	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	5.98	+9.6
10083	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	6.57	+9.6
10084	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	6.53	+9.6
10085	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.81	+9.6
10086	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.85	+9.6
10087	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	7.78	+9.6
10088	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 120 kHz)	50 NR FR2 TDD	7.88	+9.6
10089	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.41	+9.6
10090	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.20	+9.6
10091	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.13	+9.6
10092	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.13	+9.6
10097	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.00	+9.6
10098	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.67	+9.6
10099	AA0	50 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.67	+9.6
10100	AA0	50 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.68	+9.6
10101	AA0	50 NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.68	+9.6
10102	AA0	50 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.68	+9.6
10103	AA0	50 NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.68	+9.6
10104	AA0	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.68	+9.6
10105	AA0	50 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.68	+9.6
10106	AA0	50 NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.78	+9.6
10107	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.65	+9.6
10108	AA0	50 NR (CP-OFDM, 10% RB, 50 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.65	+9.6
10109	AA0	50 NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.86	+9.6
10110	AA0	50 NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 36 kHz)	50 NR FR1 TDD	5.83	+9.6

Certificate No: EX-3791 May23

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SGS Korea Co., Ltd.

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<http://www.sgsgroup.kr>

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EXJ044 - SN:3791

May 23, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc ^a k=3
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.93	±0.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.85	±0.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.83	±0.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±0.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	±0.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.96	±0.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.95	±0.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	±0.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.82	±0.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 45MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	±0.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	±0.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.94	±0.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.92	±0.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.92	±0.6
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.91	±0.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.91	±0.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.91	±0.6
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.91	±0.6
10935	AAC	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.91	±0.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.90	±0.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.90	±0.6
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.77	±0.6
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.90	±0.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.89	±0.6
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.85	±0.6
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.85	±0.6
10943	AAC	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.85	±0.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.81	±0.6
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.85	±0.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.83	±0.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.87	±0.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.84	±0.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.87	±0.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.94	±0.6
10951	AAC	5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	5.92	±0.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	6.35	±0.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	6.15	±0.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	6.23	±0.6
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	6.62	±0.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	6.14	±0.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	6.31	±0.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	6.61	±0.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	6.33	±0.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	6.32	±0.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	6.36	±0.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	6.40	±0.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	6.56	±0.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	6.28	±0.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	6.37	±0.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	6.55	±0.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	6.42	±0.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	6.49	±0.6
10972	AAB	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	11.59	±0.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	9.95	±0.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100MHz, 256-QAM, 30kHz)	5G NR FR1 TDD	10.28	±0.6
10979	AAA	ULLA BOM	ULLA	1.16	±0.6
10979	AAA	ULLA HORN	ULLA	8.68	±0.6
10980	AAA	ULLA HORN	ULLA	10.32	±0.6
10981	AAA	ULLA HORN	ULLA	3.19	±0.6
10982	AAA	ULLA HORN	ULLA	3.43	±0.6

Certificate No: EX-3791_May23

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Report File No : F690501-RF-SAR000491

Date of Issue : 2024-09-04

(All SGS services are rendered in accordance with the applicable SGS conditions of service available on request and accessible at <http://www.sgs.com/en/Terms-and-Conditions.aspx>.)

SAR7081-04 (2020.12.15)(0)

A4 (210mm x 297mm)



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EX3DW4 - SN:3791

May 23, 2023

UID	Raw	Communication System Name	Group	PAR (dB)	Unc ² k=2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±0.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±0.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±0.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.56	±0.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.63	±0.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±0.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±0.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±0.6
11000	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±0.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	±0.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.79	±0.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±0.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 44 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.46	±0.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 65 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±0.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	±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, 44 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±0.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.69	±0.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.27	±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	8.61	±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	8.20	±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	8.46	±0.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±0.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±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	8.37	±0.6
11026	AAA	IEEE 802.11be (320 MHz, MCS14, 99pc duty cycle)	WLAN	8.38	±0.6

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



Appendix D.2 Calibration certificate for Probe(SN 7574)

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 0108

Client: **SGS**
Gyeonggi-do, Republic of Korea

Certificate No.: **EX-7574_Jul23**

CALIBRATION CERTIFICATE

Object: **EX3DV4 - SN:7574**

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: **July 18, 2023**

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

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03854/03605)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03854)	Mar-24
GCP DAK-3.5 (weighted)	SN: 1249	25-Oct-22 (GCP-DAK3.5-1549_Oct22)	Oct-23
GCP DAK-12	SN: 1016	20-Oct-22 (GCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20w)	30-Mar-23 (No. 217-03854)	Mar-24
DAE4	SN: 690	16-Mar-23 (No. DAE4-690_Mar23)	Mar-24
Reference Probe E83DV2	SN: 3013	06-Jan-23 (No. E83-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41250874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41098087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 050110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3942U01750	04-Aug-09 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E6359A	SN: US41560477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

Calibrated by: **Lail Klyssner** Function: **Laboratory Technician** Signature: 

Approved by: **Sven Kohn** Function: **Technical Manager** Signature: 

Issued: July 18, 2023

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

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Calibration Laboratory of

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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 62209-1528, "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 865684, "SAR Measurement Requirements for 100 MHz to 6 GHz"

Methods Applied and Interpretation of Parameters:

- NORM_{x,y,z}: Assessed for E-field polarization $\theta = 0$ ($f \leq 900$ MHz in TEM-cell; $f > 1800$ MHz: R22 waveguide). NORM_{x,y,z} are only intermediate values, i.e., the uncertainties of NORM_{x,y,z} does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORM_{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 (or Temperature Transfer Standard for $f \geq 800$ 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:7574

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Parameters of Probe: EX3DV4 - SN:7574

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ($\mu V/(V/m)^2$) ^A	0.50	0.52	0.48	$\pm 10.1\%$
DCP (mV) ^B	108.0	103.5	109.5	$\pm 4.7\%$

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 ^C k = 2
0	CW	X	0.00	0.00	1.00	0.00	167.4	$\pm 2.7\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		164.8		
		Z	0.00	0.00	1.00		159.7		
10352	Pulse Waveform (200Hz, 10%)	X	1.39	60.03	5.99	10.00	60.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	1.50	60.70	6.33		60.0		
		Z	1.35	60.00	5.91		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	74.00	9.00	6.99	80.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	0.79	60.00	4.78		80.0		
		Z	0.82	60.00	4.72		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.11	139.75	0.01	3.98	95.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	0.06	123.67	0.75		95.0		
		Z	0.05	136.27	0.01		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	5.22	71.39	0.19	2.22	120.0	$\pm 1.6\%$	$\pm 9.6\%$
		Y	1.09	159.85	2.98		120.0		
		Z	0.36	60.00	2.47		120.0		
10387	QPSK Waveform, 1 MHz	X	0.82	70.85	16.77	1.00	150.0	$\pm 3.6\%$	$\pm 9.6\%$
		Y	0.45	64.14	12.92		150.0		
		Z	0.88	75.09	19.87		150.0		
10388	QPSK Waveform, 10 MHz	X	1.65	69.68	16.19	0.00	150.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	1.28	66.88	14.14		150.0		
		Z	1.85	73.16	17.07		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.67	64.64	16.36	3.01	150.0	$\pm 1.1\%$	$\pm 9.6\%$
		Y	1.61	63.97	15.91		150.0		
		Z	1.82	66.55	17.38		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.94	67.23	15.84	0.00	150.0	$\pm 2.1\%$	$\pm 9.6\%$
		Y	2.83	67.07	15.56		150.0		
		Z	2.93	68.24	16.30		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.01	67.05	16.00	0.00	150.0	$\pm 3.5\%$	$\pm 9.6\%$
		Y	3.75	66.82	15.59		150.0		
		Z	3.78	67.48	16.03		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 E₁-field uncertainty inside TSL (see Pages 5 and 6).

^B Linearization parameter uncertainty for maximum specified field strength.

^C 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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Parameters of Probe: EX3DV4 - SN:7574

Sensor Model Parameters

	C1 fF	C2 fF	α V^{-1}	T1 $mA \cdot V^{-2}$	T2 $mA \cdot V^{-1}$	T3 mS	T4 V^{-2}	T5 V^{-1}	T6
x	9.7	70.28	33.85	3.20	0.00	4.90	0.17	0.04	1.00
y	8.0	69.84	35.20	2.89	0.00	4.33	0.06	0.07	1.00
z	7.0	51.16	34.07	3.87	0.00	4.90	0.50	0.00	1.00

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	154.8°
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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Parameters of Probe: EX3DV4 - SN:7574

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	9.60	9.60	9.60	0.40	0.93	±12.0%
835	41.5	0.90	9.24	9.24	9.24	0.26	1.22	±12.0%
900	41.5	0.97	9.03	9.03	9.03	0.46	0.80	±12.0%
1750	40.1	1.37	8.39	8.39	8.39	0.27	0.86	±12.0%
1900	40.0	1.40	7.94	7.94	7.94	0.27	0.86	±12.0%
1950	40.0	1.40	7.75	7.75	7.75	0.35	0.86	±12.0%
2300	39.5	1.67	7.66	7.66	7.66	0.29	0.90	±12.0%
2450	39.2	1.80	7.32	7.32	7.32	0.27	0.90	±12.0%
2900	39.0	1.96	7.11	7.11	7.11	0.41	0.90	±12.0%
3000	38.2	2.71	6.81	6.81	6.81	0.30	1.35	±14.0%
3500	37.9	2.91	6.61	6.61	6.61	0.30	1.35	±14.0%
3700	37.7	3.12	6.52	6.52	6.52	0.30	1.35	±14.0%
3900	37.5	3.32	6.39	6.39	6.39	0.40	1.60	±14.0%
4100	37.2	3.53	6.33	6.33	6.33	0.40	1.60	±14.0%
4400	36.9	3.84	5.87	5.87	5.87	0.40	1.70	±14.0%
4600	36.7	4.04	5.82	5.82	5.82	0.40	1.70	±14.0%
4800	36.4	4.25	5.88	5.88	5.88	0.40	1.80	±14.0%
4950	36.3	4.40	5.65	5.65	5.65	0.40	1.80	±14.0%
5200	36.0	4.66	5.27	5.27	5.27	0.40	1.80	±14.0%
5300	35.9	4.76	5.06	5.06	5.06	0.40	1.80	±14.0%
5500	35.6	4.96	4.81	4.81	4.81	0.40	1.80	±14.0%
5600	35.5	5.07	4.61	4.61	4.61	0.40	1.80	±14.0%
5800	35.3	5.27	4.60	4.60	4.60	0.40	1.80	±14.0%

^C Frequency validity above 300-MHz of ±100 MHz only applies for DASTM v4.4 and higher (see Page 2), else it is restricted to ±50-MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is 10, 25, 40, 55 and 70 MHz for ConvF assessments at 30, 64, 156, 150 and 225 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–8 MHz, and ConvF assessed at 13 MHz is 9–16 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

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

^G Alpha/Depth are determined during calibration. SPISAG 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:7574

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity ^F (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k = 2)
6500	34.5	6.07	5.10	5.10	5.10	0.20	2.50	±18.6%
7000	33.9	6.66	5.05	5.05	5.05	0.30	2.80	±18.6%

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

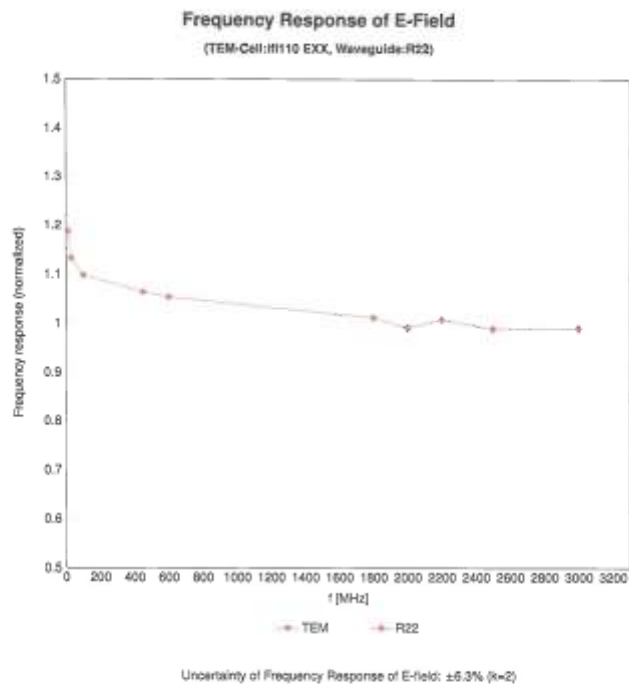
^F The probe are calibrated using tissue simulating liquids (TSL) that deviate for ϵ' and σ by less than ±15% from the target values (typically better than ±6%) and are valid for TSL with deviations of up to ±10%.

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



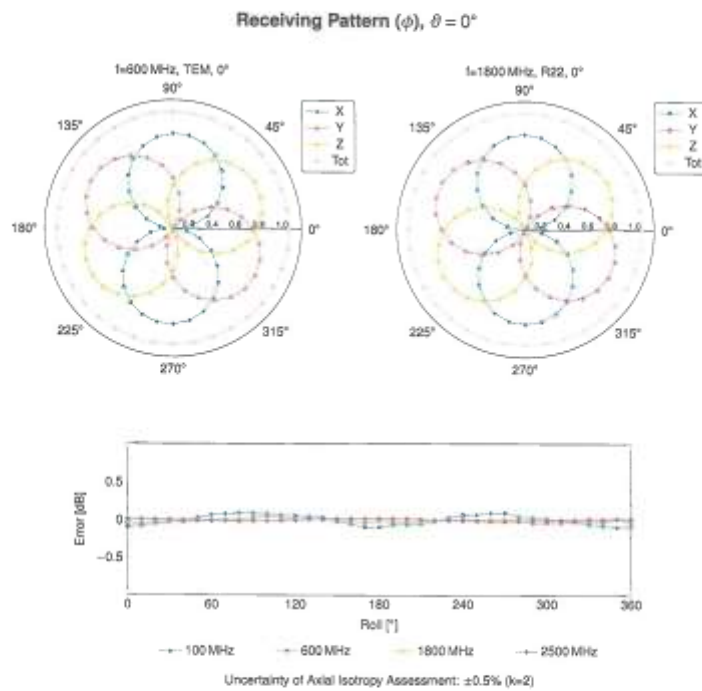
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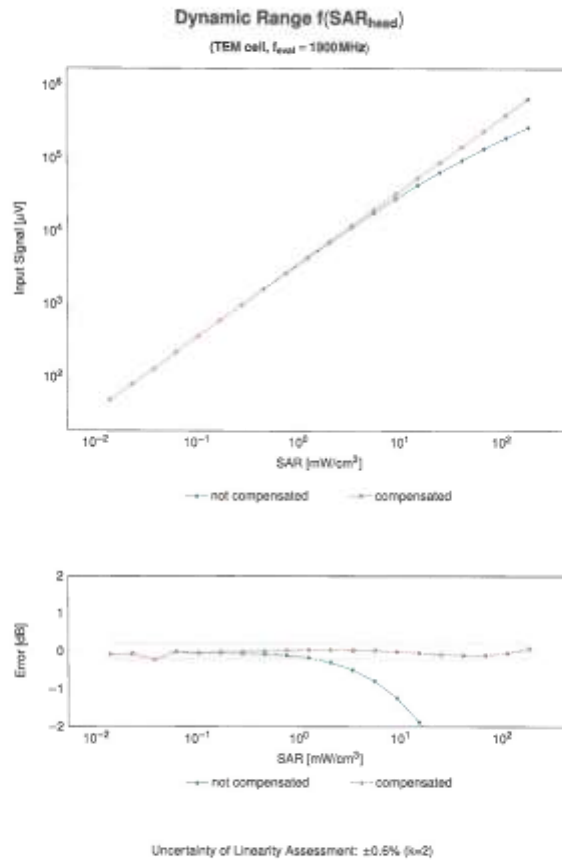
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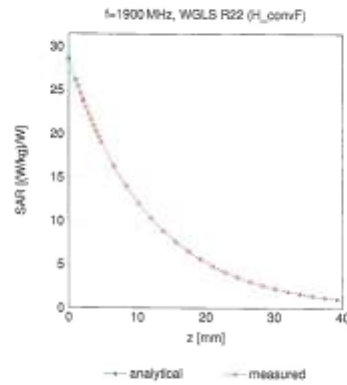
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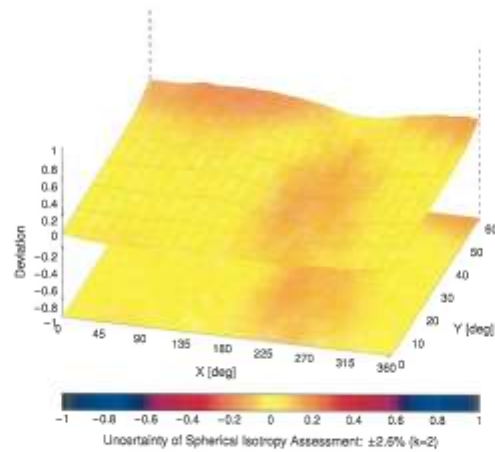
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Conversion Factor Assessment



Deviation from Isotropy in Liquid

Error (θ, ϕ), $f = 900 \text{ MHz}$



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Appendix: Modulation Calibration Parameters

URI	Rev	Communication System Name	Group	PAR (dB)	Unc# k = 2
9		CW	CW	0.30	±4.7
10010	CAR	SAR Validation (Square, 100ms, 10ms)	Sar	10.00	±0.0
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±0.0
10012	CAR	IEEE 802.11b WFI 2.4GHz (DSSS, 1Mbps)	WLAN	1.87	±0.0
10013	CAR	IEEE 802.11g WFI 2.4GHz (DSSS-OFDM, 6Mbps)	WLAN	3.46	±0.0
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±0.0
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.59	±0.0
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	9.58	±0.0
10025	DAC	EDGE-FDD (TDMA, GPRS, TN 0)	GSM	12.62	±0.0
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	9.66	±0.0
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	9.58	±0.0
10029	DAC	EDGE-FDD (TDMA, GPRS, TN 0-1-2)	GSM	7.78	±0.0
10030	CAR	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.36	±0.0
10031	CAR	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	7.87	±0.0
10032	CAR	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	±0.0
10033	CAR	IEEE 802.15.1 Bluetooth (P4-DQPSK, CH1)	Bluetooth	7.74	±0.0
10034	CAR	IEEE 802.15.1 Bluetooth (P4-DQPSK, CH3)	Bluetooth	4.63	±0.0
10035	CAR	IEEE 802.15.1 Bluetooth (P4-DQPSK, CH5)	Bluetooth	3.83	±0.0
10036	CAR	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±0.0
10037	CAR	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±0.0
10038	CAR	IEEE 802.15.1 Bluetooth (8-DPSK, CH5)	Bluetooth	4.10	±0.0
10039	CAR	CDMA2000 (1xRTT, FCS)	CDMA2000	4.57	±0.0
10042	CAR	IS-54 / IS-136 FDD (TDMA-FDD, Full-DQPSK, Fullrate)	AMPS	7.78	±0.0
10044	CAR	IS-95/IS-136 FDD (TDMA, FSK)	AMPS	6.00	±0.0
10046	CAR	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.60	±0.0
10049	CAR	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±0.0
10056	CAR	UMTS-TDD (TD-SCDMA, 1.26Mbps)	TD-SCDMA	11.01	±0.0
10059	DAC	EDGE-FDD (TDMA, GFSK, TN 0-1-2-3)	GSM	6.82	±0.0
10060	CAR	IEEE 802.11b WFI 2.4GHz (DSSS, 2Mbps)	WLAN	2.12	±0.0
10061	CAR	IEEE 802.11b WFI 2.4GHz (DSSS, 5.5Mbps)	WLAN	2.85	±0.0
10061	CAR	IEEE 802.11b WFI 2.4GHz (DSSS, 11Mbps)	WLAN	3.60	±0.0
10062	CAD	IEEE 802.11a WFI 5GHz (OFDM, 6Mbps)	WLAN	6.96	±0.0
10063	CAD	IEEE 802.11a WFI 5GHz (OFDM, 9Mbps)	WLAN	6.63	±0.0
10064	CAD	IEEE 802.11a WFI 5GHz (OFDM, 12Mbps)	WLAN	9.09	±0.0
10065	CAD	IEEE 802.11a WFI 5GHz (OFDM, 18Mbps)	WLAN	9.00	±0.0
10066	CAD	IEEE 802.11a WFI 5GHz (OFDM, 24Mbps)	WLAN	9.39	±0.0
10067	CAD	IEEE 802.11a WFI 5GHz (OFDM, 36Mbps)	WLAN	10.12	±0.0
10068	CAD	IEEE 802.11a WFI 5GHz (OFDM, 48Mbps)	WLAN	10.36	±0.0
10069	CAD	IEEE 802.11a WFI 5GHz (OFDM, 54Mbps)	WLAN	10.96	±0.0
10071	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 9Mbps)	WLAN	0.83	±0.0
10072	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 12Mbps)	WLAN	0.62	±0.0
10073	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 18Mbps)	WLAN	0.94	±0.0
10074	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 24Mbps)	WLAN	10.30	±0.0
10075	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 36Mbps)	WLAN	10.77	±0.0
10076	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 48Mbps)	WLAN	10.94	±0.0
10077	CAR	IEEE 802.11g WFI 2.4GHz (DSSS/OFDM, 54Mbps)	WLAN	11.00	±0.0
10081	CAR	CDMA2000 (1xRTT, FCS)	CDMA2000	3.97	±0.0
10082	CAR	IS-54 / IS-136 FDD (TDMA-FDD, Full-DQPSK, Fullrate)	AMPS	4.77	±0.0
10089	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±0.0
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.99	±0.0
10098	CAC	UMTS-FDD (HSUPA, Subrate 2)	WCDMA	3.99	±0.0
10099	DAC	EDGE-FDD (TDMA, GPRS, TN 0-6)	GSM	9.55	±0.0
10103	CAR	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.87	±0.0
10104	CAR	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	9.42	±0.0
10105	CAR	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	8.83	±0.0
10106	CAR	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	9.29	±0.0
10107	CAR	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	9.29	±0.0
10108	CAR	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	10.61	±0.0
10109	CAR	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	5.80	±0.0
10110	CAR	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	8.43	±0.0
10111	CAR	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	5.75	±0.0
10111	CAR	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.44	±0.0

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UBD	Rev	Communication System Name	Group	PAR (dB)	Unc ² k=2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.59	±0.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.60	±0.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	8.10	±0.6
10116	CAD	IEEE 802.11n (HT Greenfield, 81Mbps, 16-QAM)	WLAN	8.49	±0.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135Mbps, 64-QAM)	WLAN	8.15	±0.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, BPSK)	WLAN	8.07	±0.6
10118	CAD	IEEE 802.11n (HT Mixed, 81Mbps, 16-QAM)	WLAN	8.99	±0.6
10119	CAD	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	8.13	±0.6
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FDD	6.49	±0.6
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-FDD	6.51	±0.6
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FDD	6.73	±0.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	6.35	±0.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.65	±0.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.78	±0.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	±0.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.72	±0.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 30MHz, 16-QAM)	LTE-FDD	6.42	±0.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 30MHz, 64-QAM)	LTE-FDD	6.60	±0.6
10151	CAF	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-TDD	5.28	±0.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-TDD	5.60	±0.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-TDD	10.06	±0.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	6.75	±0.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.40	±0.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FDD	5.79	±0.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FDD	6.49	±0.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-FDD	6.82	±0.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.56	±0.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	±0.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.43	±0.6
10163	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FDD	6.58	±0.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	5.44	±0.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.21	±0.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.79	±0.6
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.73	±0.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	6.62	±0.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FDD	6.48	±0.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TDD	9.21	±0.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-TDD	9.44	±0.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TDD	10.25	±0.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	±0.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	6.52	±0.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FDD	5.75	±0.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.52	±0.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-FDD	6.50	±0.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	±0.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	±0.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.52	±0.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	6.50	±0.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FDD	5.73	±0.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.51	±0.6
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6.50	±0.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	±0.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.52	±0.6
10189	AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.50	±0.6
10193	CAD	IEEE 802.11n (HT Greenfield, 8.5Mbps, BPSK)	WLAN	8.39	±0.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39Mbps, 16-QAM)	WLAN	8.12	±0.6
10195	CAD	IEEE 802.11n (HT Greenfield, 85Mbps, 64-QAM)	WLAN	8.21	±0.6
10196	CAD	IEEE 802.11n (HT Mixed, 8.5Mbps, BPSK)	WLAN	8.10	±0.6
10197	CAD	IEEE 802.11n (HT Mixed, 39Mbps, 16-QAM)	WLAN	8.13	±0.6
10198	CAD	IEEE 802.11n (HT Mixed, 85Mbps, 64-QAM)	WLAN	8.27	±0.6
10218	CAD	IEEE 802.11n (HT Mixed, 7.3Mbps, BPSK)	WLAN	8.53	±0.6
10220	CAD	IEEE 802.11n (HT Mixed, 33.3Mbps, 16-QAM)	WLAN	8.13	±0.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2Mbps, 64-QAM)	WLAN	8.27	±0.6
10222	CAD	IEEE 802.11n (HT Mixed, 15Mbps, BPSK)	WLAN	8.06	±0.6
10223	CAD	IEEE 802.11n (HT Mixed, 50Mbps, 16-QAM)	WLAN	8.48	±0.6
10224	CAD	IEEE 802.11n (HT Mixed, 100Mbps, 64-QAM)	WLAN	8.58	±0.6

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10225	CAC	UMTS-FDD (HSR+)	WCDMA	9.97	±0.5
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±0.5
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.25	±0.5
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±0.5
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.49	±0.5
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±0.5
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±0.5
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.49	±0.5
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	±0.5
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±0.5
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	±0.5
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±0.5
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±0.5
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±0.5
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	±0.5
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	±0.5
10241	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.86	±0.5
10242	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±0.5
10243	CAG	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±0.5
10244	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±0.5
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	±0.5
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±0.5
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±0.5
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±0.5
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±0.5
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.81	±0.5
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.17	±0.5
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.34	±0.5
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.00	±0.5
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±0.5
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.30	±0.5
10256	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.36	±0.5
10257	CAG	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	±0.5
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	±0.5
10259	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.39	±0.5
10260	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±0.5
10261	CAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.34	±0.5
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±0.5
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.18	±0.5
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	±0.5
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±0.5
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.27	±0.5
10267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.33	±0.5
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.64	±0.5
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±0.5
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±0.5
10274	CAC	UMTS-FDD (HSR+, Subnet 5, 30PPH RAB 10)	WCDMA	4.87	±0.5
10275	CAC	UMTS-FDD (HSR+, Subnet 5, 30PPH RAB 4)	WCDMA	3.96	±0.5
10277	CAG	PHS (QPSK)	PHS	11.81	±0.5
10278	CAG	PHS (QPSK, BW 800 MHz, Roll-off 0.2)	PHS	11.81	±0.5
10279	CAG	PHS (QPSK, BW 800 MHz, Roll-off 0.38)	PHS	12.18	±0.5
10280	ANB	CDMA2000, RCT, SCSS, Full Rate	CDMA2000	3.91	±0.5
10281	ANB	CDMA2000, RCT, SCSS, Full Rate	CDMA2000	3.46	±0.5
10282	ANB	CDMA2000, RCT, SCSS, Full Rate	CDMA2000	3.38	±0.5
10283	ANB	CDMA2000, RCT, SCSS, Full Rate	CDMA2000	3.50	±0.5
10284	ANB	CDMA2000, RCT, SCSS, 1/8th Rate 25%	CDMA2000	12.49	±0.5
10287	ANB	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±0.5
10288	ANB	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	6.72	±0.5
10289	ANB	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.38	±0.5
10290	ANB	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.80	±0.5
10301	AAA	IEEE 802.11a WIMAX (20-18, 5 mva, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±0.5
10302	AAA	IEEE 802.11a WIMAX (20-18, 5 mva, 10 MHz, QPSK, PUSC, 3 CTR symbols)	WIMAX	12.57	±0.5
10303	AAA	IEEE 802.11a WIMAX (20-18, 5 mva, 10 MHz, 64QAM, PUSC)	WIMAX	12.52	±0.5
10304	AAA	IEEE 802.11a WIMAX (20-18, 5 mva, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	11.86	±0.5
10305	AAA	IEEE 802.11a WIMAX (20-18, 10 mva, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	15.24	±0.5
10306	AAA	IEEE 802.11a WIMAX (20-18, 10 mva, 10 MHz, 64QAM, PUSC, 15 symbols)	WIMAX	14.67	±0.5

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10307	AAA	IEEE 802.11e WMAK (20-18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAK	14.49	±0.5
10308	AAA	IEEE 802.11e WMAK (20-18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAK	14.48	±0.5
10309	AAA	IEEE 802.11e WMAK (20-18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAK	14.58	±0.5
10310	AAA	IEEE 802.11e WMAK (20-18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAK	14.57	±0.5
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±0.6
10313	AAA	IDEN 1-3	IDEN	10.51	±0.5
10314	AAA	IDEN 1-5	IDEN	10.48	±0.5
10315	AAE	IEEE 802.11b WFI 3.4 GHz (DSSS, 1 Mbps, 99% duty cycle)	WLAN	1.71	±0.4
10316	AAE	IEEE 802.11g WFI 3.4 GHz (ERP-OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.36	±0.6
10317	AAE	IEEE 802.11g WFI 3.4 GHz (ERP-OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.36	±0.6
10382	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±0.5
10383	AAA	Pulse Waveform (200Hz, 25%)	Generic	6.00	±0.5
10384	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.58	±0.4
10385	AAA	Pulse Waveform (200Hz, 60%)	Generic	3.32	±0.5
10386	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.07	±0.5
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±0.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.02	±0.6
10389	AAA	64-QAM Waveform, 100 MHz	Generic	6.27	±0.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±0.6
10400	AAE	IEEE 802.11ac WFI 2.4 GHz (64-QAM, 99% duty cycle)	WLAN	6.37	±0.5
10401	AAE	IEEE 802.11ac WFI 2.4 GHz (64-QAM, 99% duty cycle)	WLAN	6.40	±0.5
10402	AAE	IEEE 802.11ac WFI 2.4 GHz (64-QAM, 99% duty cycle)	WLAN	6.53	±0.5
10403	AAE	CDMA2000 (1xEV-DO, Rev. 3)	CDMA2000	3.76	±0.5
10404	AAE	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±0.5
10406	AAE	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	5.22	±0.5
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 18 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Cont'd)	LTE-TDD	7.82	±0.5
10414	AAA	WLAN CDF, 64-QAM, 40 MHz	Generic	8.54	±0.6
10415	AAA	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, 99% duty cycle)	WLAN	1.54	±0.5
10416	AAA	IEEE 802.11g WFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.23	±0.5
10417	AAE	IEEE 802.11n WFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99% duty cycle)	WLAN	8.23	±0.5
10418	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99% duty cycle, Long preamble)	WLAN	8.14	±0.5
10419	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99% duty cycle, Short preamble)	WLAN	8.19	±0.5
10420	AAE	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±0.5
10423	AAE	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±0.5
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±0.5
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	±0.5
10426	AAE	IEEE 802.11n (HT Greenfield, 50 Mbps, 16-QAM)	WLAN	8.45	±0.5
10427	AAE	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±0.5
10430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	6.28	±0.5
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	6.38	±0.5
10432	AAE	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	6.34	±0.5
10433	AAE	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	6.34	±0.5
10434	AAE	W-CDMA (HS Test Model 1, 5.4 DPCCH)	WCDMA	6.60	±0.5
10436	AAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±0.5
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±0.5
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.59	±0.5
10449	AAE	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	±0.5
10450	AAE	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.40	±0.5
10451	AAE	W-CDMA (HS Test Model 1, 5.4 DPCCH, Clipping 44%)	WCDMA	7.59	±0.5
10453	AAE	Validation (Squaw, 10 ms, 1 ms)	Test	10.00	±0.5
10456	AAE	IEEE 802.11ac WFI (100 MHz, 64-QAM, 99% duty cycle)	WLAN	6.63	±0.5
10457	AAE	UMTS-FDD (DC-HSPA)	WCDMA	6.55	±0.5
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.35	±0.5
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	6.35	±0.5
10460	AAE	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±0.5
10481	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±0.5
10482	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.30	±0.5
10483	AAE	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.58	±0.5
10484	AAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±0.5
10485	AAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±0.5
10486	AAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	±0.5
10487	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±0.5
10488	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±0.5
10489	AAE	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.58	±0.5
10490	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±0.5
10491	AAE	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	±0.5

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SRD	Rev	Communication System Name	Group	PAR (dB)	Unc ² $\sigma = 2$
10472	AAQ	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 0.1
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 0.1
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 0.1
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 0.1
10477	AAQ	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	± 0.1
10479	AAQ	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	± 0.1
10479	AAQ	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 0.1
10480	AAQ	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	± 0.1
10481	AAQ	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 0.1
10482	AAQ	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	± 0.1
10483	AAQ	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.39	± 0.1
10484	AAQ	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	± 0.1
10485	AAQ	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	± 0.1
10485	AAQ	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.34	± 0.1
10487	AAQ	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.69	± 0.1
10488	AAQ	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	± 0.1
10489	AAQ	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 0.1
10490	AAQ	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 0.1
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 0.1
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	± 0.1
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 0.1
10494	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 0.1
10495	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	± 0.1
10496	AAQ	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 0.1
10497	AAQ	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 0.1
10498	AAQ	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 0.1
10499	AAQ	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	± 0.1
10500	AAQ	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 0.1
10501	AAQ	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	± 0.1
10502	AAQ	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	± 0.1
10503	AAQ	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	± 0.1
10504	AAQ	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	± 0.1
10505	AAQ	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 0.1
10506	AAQ	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 0.1
10507	AAQ	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	± 0.1
10508	AAQ	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 0.1
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.69	± 0.1
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.46	± 0.1
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	± 0.1
10512	AAQ	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 0.1
10513	AAQ	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	± 0.1
10514	AAQ	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 0.1
10515	AAA	IEEE 802.11b WIF 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.58	± 0.1
10516	AAA	IEEE 802.11b WIF 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.57	± 0.1
10517	AAA	IEEE 802.11b WIF 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.58	± 0.1
10518	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	6.23	± 0.1
10519	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	6.39	± 0.1
10520	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	6.12	± 0.1
10521	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	7.97	± 0.1
10522	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.45	± 0.1
10523	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.08	± 0.1
10524	AAQ	IEEE 802.11a WIF 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.27	± 0.1
10525	AAQ	IEEE 802.11ac WIF 20 MHz, MCS0, 90pc duty cycle)	WLAN	0.35	± 0.1
10526	AAQ	IEEE 802.11ac WIF 20 MHz, MCS1, 90pc duty cycle)	WLAN	0.42	± 0.1
10527	AAQ	IEEE 802.11ac WIF 20 MHz, MCS2, 90pc duty cycle)	WLAN	0.31	± 0.1
10528	AAQ	IEEE 802.11ac WIF 20 MHz, MCS3, 90pc duty cycle)	WLAN	0.39	± 0.1
10529	AAQ	IEEE 802.11ac WIF 20 MHz, MCS4, 90pc duty cycle)	WLAN	0.35	± 0.1
10530	AAQ	IEEE 802.11ac WIF 20 MHz, MCS5, 90pc duty cycle)	WLAN	0.43	± 0.1
10531	AAQ	IEEE 802.11ac WIF 20 MHz, MCS6, 90pc duty cycle)	WLAN	0.29	± 0.1
10532	AAQ	IEEE 802.11ac WIF 20 MHz, MCS7, 90pc duty cycle)	WLAN	0.39	± 0.1
10533	AAQ	IEEE 802.11ac WIF 20 MHz, MCS8, 90pc duty cycle)	WLAN	0.33	± 0.1
10534	AAQ	IEEE 802.11ac WIF 40 MHz, MCS0, 90pc duty cycle)	WLAN	0.45	± 0.1
10535	AAQ	IEEE 802.11ac WIF 40 MHz, MCS1, 90pc duty cycle)	WLAN	0.33	± 0.1
10536	AAQ	IEEE 802.11ac WIF 40 MHz, MCS2, 90pc duty cycle)	WLAN	0.44	± 0.1
10537	AAQ	IEEE 802.11ac WIF 40 MHz, MCS3, 90pc duty cycle)	WLAN	0.34	± 0.1
10538	AAQ	IEEE 802.11ac WIF 40 MHz, MCS4, 90pc duty cycle)	WLAN	0.54	± 0.1
10540	AAQ	IEEE 802.11ac WIF 40 MHz, MCS8, 90pc duty cycle)	WLAN	0.39	± 0.1

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Lot#	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10541	AAC	IEEE 802.11a WLAN (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.48	±0.5
10542	AAC	IEEE 802.11a WLAN (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.55	±0.5
10543	AAC	IEEE 802.11a WLAN (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.62	±0.5
10544	AAC	IEEE 802.11a WLAN (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.67	±0.5
10545	AAC	IEEE 802.11a WLAN (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.72	±0.5
10546	AAC	IEEE 802.11a WLAN (40 MHz, MCS12, 90pc duty cycle)	WLAN	8.78	±0.5
10547	AAC	IEEE 802.11a WLAN (40 MHz, MCS13, 90pc duty cycle)	WLAN	8.84	±0.5
10548	AAC	IEEE 802.11a WLAN (40 MHz, MCS14, 90pc duty cycle)	WLAN	8.90	±0.5
10549	AAC	IEEE 802.11a WLAN (40 MHz, MCS15, 90pc duty cycle)	WLAN	8.96	±0.5
10550	AAC	IEEE 802.11a WLAN (40 MHz, MCS16, 90pc duty cycle)	WLAN	9.02	±0.5
10551	AAC	IEEE 802.11a WLAN (40 MHz, MCS17, 90pc duty cycle)	WLAN	9.08	±0.5
10552	AAC	IEEE 802.11a WLAN (40 MHz, MCS18, 90pc duty cycle)	WLAN	9.14	±0.5
10553	AAC	IEEE 802.11a WLAN (40 MHz, MCS19, 90pc duty cycle)	WLAN	9.20	±0.5
10554	AAC	IEEE 802.11a WLAN (40 MHz, MCS20, 90pc duty cycle)	WLAN	9.26	±0.5
10555	AAC	IEEE 802.11a WLAN (40 MHz, MCS21, 90pc duty cycle)	WLAN	9.32	±0.5
10556	AAC	IEEE 802.11a WLAN (40 MHz, MCS22, 90pc duty cycle)	WLAN	9.38	±0.5
10557	AAC	IEEE 802.11a WLAN (40 MHz, MCS23, 90pc duty cycle)	WLAN	9.44	±0.5
10558	AAC	IEEE 802.11a WLAN (40 MHz, MCS24, 90pc duty cycle)	WLAN	9.50	±0.5
10559	AAC	IEEE 802.11a WLAN (40 MHz, MCS25, 90pc duty cycle)	WLAN	9.56	±0.5
10560	AAC	IEEE 802.11a WLAN (40 MHz, MCS26, 90pc duty cycle)	WLAN	9.62	±0.5
10561	AAC	IEEE 802.11a WLAN (40 MHz, MCS27, 90pc duty cycle)	WLAN	9.68	±0.5
10562	AAC	IEEE 802.11a WLAN (40 MHz, MCS28, 90pc duty cycle)	WLAN	9.74	±0.5
10563	AAC	IEEE 802.11a WLAN (40 MHz, MCS29, 90pc duty cycle)	WLAN	9.80	±0.5
10564	AAC	IEEE 802.11a WLAN (40 MHz, MCS30, 90pc duty cycle)	WLAN	9.86	±0.5
10565	AAC	IEEE 802.11a WLAN (40 MHz, MCS31, 90pc duty cycle)	WLAN	9.92	±0.5
10566	AAC	IEEE 802.11a WLAN (40 MHz, MCS32, 90pc duty cycle)	WLAN	9.98	±0.5
10567	AAC	IEEE 802.11a WLAN (40 MHz, MCS33, 90pc duty cycle)	WLAN	10.04	±0.5
10568	AAC	IEEE 802.11a WLAN (40 MHz, MCS34, 90pc duty cycle)	WLAN	10.10	±0.5
10569	AAC	IEEE 802.11a WLAN (40 MHz, MCS35, 90pc duty cycle)	WLAN	10.16	±0.5
10570	AAC	IEEE 802.11a WLAN (40 MHz, MCS36, 90pc duty cycle)	WLAN	10.22	±0.5
10571	AAC	IEEE 802.11a WLAN (40 MHz, MCS37, 90pc duty cycle)	WLAN	10.28	±0.5
10572	AAC	IEEE 802.11a WLAN (40 MHz, MCS38, 90pc duty cycle)	WLAN	10.34	±0.5
10573	AAC	IEEE 802.11a WLAN (40 MHz, MCS39, 90pc duty cycle)	WLAN	10.40	±0.5
10574	AAC	IEEE 802.11a WLAN (40 MHz, MCS40, 90pc duty cycle)	WLAN	10.46	±0.5
10575	AAC	IEEE 802.11a WLAN (40 MHz, MCS41, 90pc duty cycle)	WLAN	10.52	±0.5
10576	AAC	IEEE 802.11a WLAN (40 MHz, MCS42, 90pc duty cycle)	WLAN	10.58	±0.5
10577	AAC	IEEE 802.11a WLAN (40 MHz, MCS43, 90pc duty cycle)	WLAN	10.64	±0.5
10578	AAC	IEEE 802.11a WLAN (40 MHz, MCS44, 90pc duty cycle)	WLAN	10.70	±0.5
10579	AAC	IEEE 802.11a WLAN (40 MHz, MCS45, 90pc duty cycle)	WLAN	10.76	±0.5
10580	AAC	IEEE 802.11a WLAN (40 MHz, MCS46, 90pc duty cycle)	WLAN	10.82	±0.5
10581	AAC	IEEE 802.11a WLAN (40 MHz, MCS47, 90pc duty cycle)	WLAN	10.88	±0.5
10582	AAC	IEEE 802.11a WLAN (40 MHz, MCS48, 90pc duty cycle)	WLAN	10.94	±0.5
10583	AAC	IEEE 802.11a WLAN (40 MHz, MCS49, 90pc duty cycle)	WLAN	11.00	±0.5
10584	AAC	IEEE 802.11a WLAN (40 MHz, MCS50, 90pc duty cycle)	WLAN	11.06	±0.5
10585	AAC	IEEE 802.11a WLAN (40 MHz, MCS51, 90pc duty cycle)	WLAN	11.12	±0.5
10586	AAC	IEEE 802.11a WLAN (40 MHz, MCS52, 90pc duty cycle)	WLAN	11.18	±0.5
10587	AAC	IEEE 802.11a WLAN (40 MHz, MCS53, 90pc duty cycle)	WLAN	11.24	±0.5
10588	AAC	IEEE 802.11a WLAN (40 MHz, MCS54, 90pc duty cycle)	WLAN	11.30	±0.5
10589	AAC	IEEE 802.11a WLAN (40 MHz, MCS55, 90pc duty cycle)	WLAN	11.36	±0.5
10590	AAC	IEEE 802.11a WLAN (40 MHz, MCS56, 90pc duty cycle)	WLAN	11.42	±0.5
10591	AAC	IEEE 802.11a WLAN (40 MHz, MCS57, 90pc duty cycle)	WLAN	11.48	±0.5
10592	AAC	IEEE 802.11a WLAN (40 MHz, MCS58, 90pc duty cycle)	WLAN	11.54	±0.5
10593	AAC	IEEE 802.11a WLAN (40 MHz, MCS59, 90pc duty cycle)	WLAN	11.60	±0.5
10594	AAC	IEEE 802.11a WLAN (40 MHz, MCS60, 90pc duty cycle)	WLAN	11.66	±0.5
10595	AAC	IEEE 802.11a WLAN (40 MHz, MCS61, 90pc duty cycle)	WLAN	11.72	±0.5
10596	AAC	IEEE 802.11a WLAN (40 MHz, MCS62, 90pc duty cycle)	WLAN	11.78	±0.5
10597	AAC	IEEE 802.11a WLAN (40 MHz, MCS63, 90pc duty cycle)	WLAN	11.84	±0.5
10598	AAC	IEEE 802.11a WLAN (40 MHz, MCS64, 90pc duty cycle)	WLAN	11.90	±0.5
10599	AAC	IEEE 802.11a WLAN (40 MHz, MCS65, 90pc duty cycle)	WLAN	11.96	±0.5
10600	AAC	IEEE 802.11a WLAN (40 MHz, MCS66, 90pc duty cycle)	WLAN	12.02	±0.5
10601	AAC	IEEE 802.11a WLAN (40 MHz, MCS67, 90pc duty cycle)	WLAN	12.08	±0.5
10602	AAC	IEEE 802.11a WLAN (40 MHz, MCS68, 90pc duty cycle)	WLAN	12.14	±0.5
10603	AAC	IEEE 802.11a WLAN (40 MHz, MCS69, 90pc duty cycle)	WLAN	12.20	±0.5
10604	AAC	IEEE 802.11a WLAN (40 MHz, MCS70, 90pc duty cycle)	WLAN	12.26	±0.5
10605	AAC	IEEE 802.11a WLAN (40 MHz, MCS71, 90pc duty cycle)	WLAN	12.32	±0.5
10606	AAC	IEEE 802.11a WLAN (40 MHz, MCS72, 90pc duty cycle)	WLAN	12.38	±0.5
10607	AAC	IEEE 802.11a WLAN (40 MHz, MCS73, 90pc duty cycle)	WLAN	12.44	±0.5
10608	AAC	IEEE 802.11a WLAN (40 MHz, MCS74, 90pc duty cycle)	WLAN	12.50	±0.5

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Report File No : F690501-RF-SAR000491

Date of Issue : 2024-09-04

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SAR7081-04 (2020.12.15)(0)

A4 (210mm x 297mm)



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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10609	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.57	±0.5
10610	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.79	±0.5
10611	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.79	±0.5
10612	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.77	±0.5
10613	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.64	±0.5
10614	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.52	±0.5
10615	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.62	±0.5
10616	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.69	±0.5
10617	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.61	±0.5
10618	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.58	±0.5
10619	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.66	±0.5
10620	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.67	±0.5
10621	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.77	±0.5
10622	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.68	±0.5
10623	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.62	±0.5
10624	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.90	±0.5
10625	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.90	±0.5
10626	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±0.5
10627	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±0.5
10628	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.71	±0.5
10629	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±0.5
10630	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.79	±0.5
10631	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.87	±0.5
10632	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.74	±0.5
10633	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.83	±0.5
10634	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±0.5
10635	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±0.5
10636	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.83	±0.5
10637	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.79	±0.5
10638	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.86	±0.5
10639	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±0.5
10640	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.86	±0.5
10641	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.06	±0.5
10642	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	9.06	±0.5
10643	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.09	±0.5
10644	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	8.06	±0.5
10645	AAC	IEEE 802.11ac WPI (20MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±0.5
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±0.5
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	±0.5
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	±0.5
10649	AAC	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±0.5
10650	AAC	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±0.5
10651	AAC	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±0.5
10652	AAC	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±0.5
10653	AAC	Pulse Waveform (200Hz, 10%)	Test	10.93	±0.5
10654	AAC	Pulse Waveform (200Hz, 20%)	Test	9.99	±0.5
10655	AAC	Pulse Waveform (200Hz, 40%)	Test	9.99	±0.5
10656	AAC	Pulse Waveform (200Hz, 60%)	Test	9.99	±0.5
10657	AAC	Pulse Waveform (200Hz, 80%)	Test	9.97	±0.5
10658	AAC	Bluetooth Low Energy	Bluetooth	2.13	±0.5
10659	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.69	±0.5
10660	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.57	±0.5
10661	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.78	±0.5
10662	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.74	±0.5
10663	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.60	±0.5
10664	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.77	±0.5
10665	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.73	±0.5
10666	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.76	±0.5
10667	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.86	±0.5
10668	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±0.5
10669	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.62	±0.5
10670	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.83	±0.5
10671	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.42	±0.5
10672	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.26	±0.5
10673	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.33	±0.5
10674	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.28	±0.5

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UID	Rev	Communication System Name	Group	PRF (dB)	Line ¹ k = 2
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.45	±0.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.29	±0.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.55	±0.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.29	±0.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.25	±0.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.29	±0.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.25	±0.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.57	±0.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±0.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±0.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.51	±0.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±0.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±0.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.75	±0.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±0.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±0.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.62	±0.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±0.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±0.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	±0.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.32	±0.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.55	±0.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.33	±0.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.35	±0.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.39	±0.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.97	±0.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.33	±0.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.26	±0.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.45	±0.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.35	±0.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.48	±0.6
10718	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.24	±0.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.61	±0.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.67	±0.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.76	±0.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.58	±0.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.70	±0.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	±0.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.74	±0.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.72	±0.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.69	±0.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±0.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±0.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.67	±0.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.42	±0.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.44	±0.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.43	±0.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.25	±0.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.33	±0.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.27	±0.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.38	±0.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.42	±0.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.29	±0.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.48	±0.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.40	±0.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.43	±0.6
10743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±0.6
10744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±0.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	9.20	±0.6
10746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±0.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	±0.6
10748	AAC	IEEE 802.11ax (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±0.6
10749	AAC	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.99	±0.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±0.6
10751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±0.6
10752	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±0.6

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UID	Rev	Communication System Name	Group	PAR (dB)	Unc ² k = 2
10753	AAC	IEEE 802.11ax (160MHz, MCS15, 90ps duty cycle)	WLAN	8.00	±0.5
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90ps duty cycle)	WLAN	8.04	±0.5
10755	AAC	IEEE 802.11ax (160MHz, MCS8, 90ps duty cycle)	WLAN	8.04	±0.5
10756	AAC	IEEE 802.11ax (160MHz, MCS3, 90ps duty cycle)	WLAN	8.77	±0.5
10757	AAC	IEEE 802.11ax (160MHz, MCS3, 90ps duty cycle)	WLAN	8.77	±0.5
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 90ps duty cycle)	WLAN	8.00	±0.5
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 90ps duty cycle)	WLAN	8.08	±0.5
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 90ps duty cycle)	WLAN	8.49	±0.5
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 90ps duty cycle)	WLAN	8.58	±0.5
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 90ps duty cycle)	WLAN	8.40	±0.5
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 90ps duty cycle)	WLAN	8.53	±0.5
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 90ps duty cycle)	WLAN	8.54	±0.5
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 90ps duty cycle)	WLAN	8.50	±0.5
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 90ps duty cycle)	WLAN	8.51	±0.5
10767	AAC	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.99	±0.5
10768	AAC	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±0.5
10769	AAC	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±0.5
10770	AAC	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.5
10771	AAC	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	±0.5
10772	AAC	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.03	±0.5
10773	AAC	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.03	±0.5
10774	AAC	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.08	±0.5
10775	AAC	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±0.5
10776	AAC	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	±0.5
10777	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	±0.5
10778	AAC	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.34	±0.5
10779	AAC	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±0.5
10780	AAC	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±0.5
10781	AAC	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	±0.5
10782	AAC	5G NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	±0.5
10783	AAC	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±0.5
10784	AAC	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.5
10785	AAC	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.40	±0.5
10786	AAC	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±0.5
10787	AAC	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.44	±0.5
10788	AAC	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.5
10789	AAC	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.37	±0.5
10790	AAC	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	±0.5
10791	AAC	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.80	±0.5
10792	AAC	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.92	±0.5
10793	AAC	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.95	±0.5
10794	AAC	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±0.5
10795	AAC	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.84	±0.5
10796	AAC	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	±0.5
10797	AAC	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.01	±0.5
10798	AAC	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	±0.5
10799	AAC	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	±0.5
10800	AAC	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.89	±0.5
10801	AAC	5G NR (CP-OFDM, 1 RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.87	±0.5
10802	AAC	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	±0.5
10803	AAC	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10804	AAC	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.37	±0.5
10805	AAC	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10806	AAC	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10807	AAC	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.38	±0.5
10808	AAC	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	±0.5
10809	AAC	5G NR (CP-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±0.5
10810	AAC	5G NR (CP-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.38	±0.5
10811	AAC	5G NR (CP-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.30	±0.5
10812	AAC	5G NR (CP-OFDM, 50% RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.5
10813	AAC	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.5
10814	AAC	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.36	±0.5
10815	AAC	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.39	±0.5
10816	AAC	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	±0.5
10817	AAC	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.42	±0.5
10818	AAC	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	±0.5

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10826	AAD	5G NR (CP-OFDM, 100% RB, 120 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±0.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.65	±0.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±0.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	±0.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±0.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±0.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 45 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±0.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.55	±0.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.60	±0.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±0.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±0.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±0.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	±0.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±0.6
10848	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±0.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±0.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±0.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±0.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±0.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±0.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 45 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±0.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±0.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±0.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±0.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±0.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±0.6
10866	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.05	±0.6
10868	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±0.6
10869	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±0.6
10870	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.85	±0.6
10871	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±0.6
10872	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.52	±0.6
10873	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±0.6
10874	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±0.6
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±0.6
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±0.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.25	±0.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	±0.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±0.6
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	±0.6
10881	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±0.6
10882	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±0.6
10883	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±0.6
10884	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	±0.6
10885	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±0.6
10886	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.66	±0.6
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.76	±0.6
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	±0.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.02	±0.6
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.40	±0.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±0.6
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	±0.6
10897	AAD	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.05	±0.6
10898	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.97	±0.6
10899	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.97	±0.6
10900	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±0.6
10901	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.6
10902	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.6
10903	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.6
10904	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.6
10905	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10906	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10907	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10908	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10909	AAD	5G NR (CP-OFDM, 1 RB, 120 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10910	AAD	5G NR (CP-OFDM, 1 RB, 140 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10911	AAD	5G NR (CP-OFDM, 1 RB, 160 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10912	AAD	5G NR (CP-OFDM, 1 RB, 180 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10913	AAD	5G NR (CP-OFDM, 1 RB, 200 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10914	AAD	5G NR (CP-OFDM, 1 RB, 220 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10915	AAD	5G NR (CP-OFDM, 1 RB, 240 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.6
10916	AAD	5G NR (CP-OFDM, 1 RB, 260 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.6

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Report File No : F690501-RF-SAR000491

Date of Issue : 2024-09-04

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SAR7081-04 (2020.12.15)(0)

A4 (210mm x 297mm)

EX30V4 - SN:7574

July 18, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Use# k = 2
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±0.5
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±0.5
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±0.5
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±0.5
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10918	AAB	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, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±0.5
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±0.5
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±0.5
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±0.5
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±0.5
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±0.5
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±0.5
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±0.5
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±0.5
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.5
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.5
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.5
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.5
10935	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.5
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.80	±0.5
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±0.5
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±0.5
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±0.5
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.86	±0.5
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.5
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.88	±0.5
10943	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±0.5
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±0.5
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±0.5
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±0.5
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±0.5
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±0.5
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±0.5
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±0.5
10951	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±0.5
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.25	±0.5
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.15	±0.5
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.23	±0.5
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	6.43	±0.5
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.14	±0.5
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.31	±0.5
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.61	±0.5
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	6.33	±0.5
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.32	±0.5
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.36	±0.5
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.40	±0.5
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	6.55	±0.5
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.39	±0.5
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.37	±0.5
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.58	±0.5
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.42	±0.5
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	6.46	±0.5
10970	AAB	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±0.5
10972	AAB	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	6.06	±0.5
10974	AAB	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	10.25	±0.5
10976	AAA	ULLA BDR	ULLA	1.16	±0.5
10979	AAA	ULLA HDRM	ULLA	6.59	±0.5
10980	AAA	ULLA HDRB	ULLA	10.32	±0.5
10981	AAA	ULLA HDRp4	ULLA	5.19	±0.5
10982	AAA	ULLA HDRp8	ULLA	5.49	±0.5

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UID	Rev	Communication System Details	Group	RAI (dB)	Unc ² k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 48 MHz, 64-QAM, 15 kHz)	5G NR PRR TDD	9.51	±0.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 56 MHz, 64-QAM, 15 kHz)	5G NR PRR TDD	9.42	±0.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 48 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	9.54	±0.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 56 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	9.50	±0.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	9.53	±0.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	9.38	±0.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	9.33	±0.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	9.53	±0.6
11000	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR PRR TDD	10.34	±0.6
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR PRR TDD	10.73	±0.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR PRR FDD	9.70	±0.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR PRR FDD	9.55	±0.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR PRR FDD	9.45	±0.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR PRR FDD	9.51	±0.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR PRR FDD	9.78	±0.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR PRR FDD	9.95	±0.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 48 MHz, 64-QAM, 30 kHz)	5G NR PRR FDD	9.96	±0.6
11013	AAA	5G NR DL (CP-OFDM, TM 3.1, 66 MHz, 64-QAM, 30 kHz)	5G NR PRR 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	8.48	±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	8.39	±0.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.29	±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	8.37	±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.