

**Appendix A. Calibration certificate**

**Appendix A.1 Probe Calibration Service certificate (EX3DV4 SN7540)**

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



**S** Schweizerischer Kalibrierdienst  
**S** Service suisse d'étalonnage  
**C** 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: **KCTL (DymSlec)**

Certificate No: **EX3-7540\_Apr22**

CALIBRATION CERTIFICATE	
Object:	EX3DV4 - SN7540
Calibration procedure(s):	QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7 Calibration procedure for dosimetric E-field probes
Calibration date:	April 28, 2022
<p>The calibration certificate documents the traceability to national standards, which realize the physical units of measurements (SI).            The measurements and the uncertainties with confidence probability are given on the following pages and are part of the certificate.</p> <p>All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 0.1)°C and humidity &lt; 70%.</p> <p>Calibration Equipment used (M&amp;E critical for calibration)</p>	

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-00625/03524)	Apr-23
Power sensor NRP-Z91	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
Power sensor NRP-Z91	SN: 103745	04-Apr-22 (No. 217-03525)	Apr-23
Reference 20 dB Attenuator	SN: CU2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
Dose4	SN: 880	13-Dec-21 (No. DAF4-660 - Dec21)	Dec-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013 - Dec21)	Dec-22
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4418B	SN: G041293B74	06-Apr-18 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: M741496087	06-Apr-18 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-18 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8948C	SN: US3842U01700	04-Aug-09 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41060477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

Calibrated by:	Name Lutz Rysner	Function Laboratory Technician	Signature 
Approved by:	Sven Kälin	Display Manager	
			Issued: May 3, 2022
This calibration certificate shall not be reproduced except in full without written approval of the laboratory.			

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**Glossary:**

TSL	tissue simulating liquid
NORM <sub>x,y,z</sub>	sensitivity in free space
ConvF	sensitivity in TSL / NORM <sub>x,y,z</sub>
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization $\phi$	$\phi$ rotation around probe axis
Polarization $\beta$	$\beta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\beta = 0$ is normal to probe axis
Connector Angle	information used in DASY system to align probe sensor X to the robot coordinate system

**Calibration is Performed According to the Following Standards:**

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KUB 866664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

**Methods Applied and Interpretation of Parameters:**

- NORM<sub>x,y,z</sub>: Assessed for E-field polarization  $\beta = 0$  ( $f < 800$  MHz in TEM-cell,  $f > 1800$  MHz: R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM( $\phi$ )<sub>x,y,z</sub> = NORM<sub>x,y,z</sub> \* 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<sub>x,y,z</sub>: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (no uncertainty required). DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- A<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f > 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM<sub>x,y,z</sub> \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  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<sub>x</sub> (no uncertainty required).

EX3DV4 - SN:7540

April 29, 2023

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

**Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m))^k$	0.58	0.58	0.58	$\pm 10.1\%$
DCP (mV) <sup>1</sup>	99.6	100.8	100.4	

**Calibration Results for Modulation Response**

UID	Communication System Name		A dB	B dB/ $\mu V$	C	D dB	VR mV	Max dev	Max Unc <sup>2</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	148.1	$\pm 2.5\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		163.9		
		Z	0.00	0.00	1.00		155.0		
10352-AAA	Pulse Waveform (200Hz, 10%)	X	20.00	91.90	21.13	10.00	60.0	$\pm 3.1\%$	$\pm 9.8\%$
		Y	11.42	87.49	16.66		60.0		
		Z	20.00	92.61	21.70		60.0		
10353-AAA	Pulse Waveform (200Hz, 20%)	X	20.00	93.48	20.86	8.99	80.0	$\pm 1.6\%$	9.6%
		Y	20.00	87.28	17.44		80.0		
		Z	20.00	95.34	20.99		80.0		
10354-AAA	Pulse Waveform (200Hz, 40%)	X	20.00	97.50	21.47	7.89	95.0	$\pm 0.9\%$	$\pm 9.6\%$
		Y	20.00	89.11	17.26		95.0		
		Z	20.00	95.57	20.72		95.0		
10355-AAA	Pulse Waveform (200Hz, 60%)	X	20.00	101.70	22.06	2.22	120.0	$\pm 1.1\%$	$\pm 9.6\%$
		Y	20.00	92.74	17.98		120.0		
		Z	20.00	98.72	20.59		120.0		
10387-AAA	QPSK Waveform, 1 MHz	X	1.63	69.67	14.64	1.00	150.0	$\pm 2.4\%$	$\pm 9.6\%$
		Y	1.61	65.59	14.56		150.0		
		Z	1.67	65.29	14.49		150.0		
10388-AAA	QPSK Waveform, 10 MHz	X	2.17	67.47	13.38	0.00	150.0	$\pm 1.1\%$	$\pm 9.6\%$
		Y	2.12	67.08	13.25		150.0		
		Z	2.21	67.38	13.19		150.0		
10395-AAA	64-QAM Waveform, 100 kHz	X	2.79	69.57	18.33	3.01	150.0	$\pm 0.6\%$	$\pm 9.6\%$
		Y	2.84	70.68	19.09		150.0		
		Z	2.94	69.63	18.79		150.0		
10399-AAA	64-QAM Waveform, 40 MHz	X	3.48	66.96	15.65	0.00	150.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	3.46	66.75	15.56		150.0		
		Z	3.54	67.01	15.60		150.0		
10414-AAA	WLAN IEEE 802.11n, 64-QAM, 40MHz	X	4.69	65.06	15.53	0.00	150.0	$\pm 3.1\%$	$\pm 9.6\%$
		Y	4.82	65.90	15.43		150.0		
		Z	4.77	65.02	15.15		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%.

<sup>1</sup> The uncertainties of Norm X,Y,Z do not affect the D-field uncertainty inside TSI (see Pages 5 and 6)

<sup>2</sup> Numerical linearization parameter, uncertainty not required.

<sup>3</sup> Uncertainty is determined using the (max. deviation from linear response applying rectangular distribution and is expressed for the sum of the two values.

EX3DV4- SN:7540

April 29, 2022

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

### Sensor Model Parameters

	C1 fF	C2 fF	$\alpha$ V <sup>-1</sup>	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
X	46.1	347.12	35.99	15.65	0.08	5.10	0.83	0.30	1.01
Y	41.9	312.67	35.40	18.95	0.00	5.02	1.64	0.09	1.01
Z	51.3	384.53	35.73	17.09	0.19	5.10	0.45	0.43	1.01

### Other Probe Parameters

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

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

EX3DV4-SN.7540

April 29, 2022

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

### Calibration Parameter Determined in Head Tissue Simulating Media

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

<sup>c</sup> Frequency validity above 300 MHz of ± 10% MHz only applies for DASY v6.4 and higher (see Page 3), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz, respectively. Validity of ConvF assessed at 6 MHz is ± 9 MHz, and ConvF assessed at 10 MHz is ± 13 MHz. Above 5 GHz frequency validity can be extended to ± 10 MHz.

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

<sup>e</sup> Alpha/Depth are determined during calibration. SPEAG warns that the remaining deviation due to the boundary effect after compression is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe (p) diameter from the boundary.

EX3DV4- SN:7540

April 29, 2022

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

### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>1</sup>	Relative Permittivity <sup>2</sup>	Conductivity (S/m) <sup>3</sup>	ConvF			Alpha <sup>4</sup>	Depth <sup>5</sup> (mm)	Unc (k=2)
			X	Y	Z			
6500	34.5	6.07	5.40	5.40	5.40	0.25	2.50	± 18.6 %
7000	33.9	6.65	5.20	5.20	5.20	0.25	2.50	± 18.6 %

<sup>1</sup> 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.

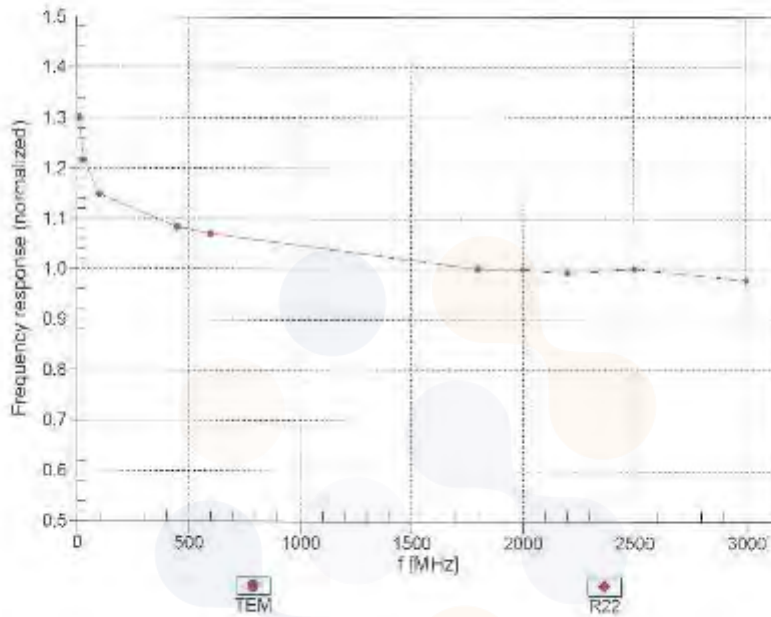
<sup>2</sup> At frequencies 6-10 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to ± 10% if field compensation/monitor is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated tissue parameters.

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

EX3DV4- SN:7540

April 29, 2022

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

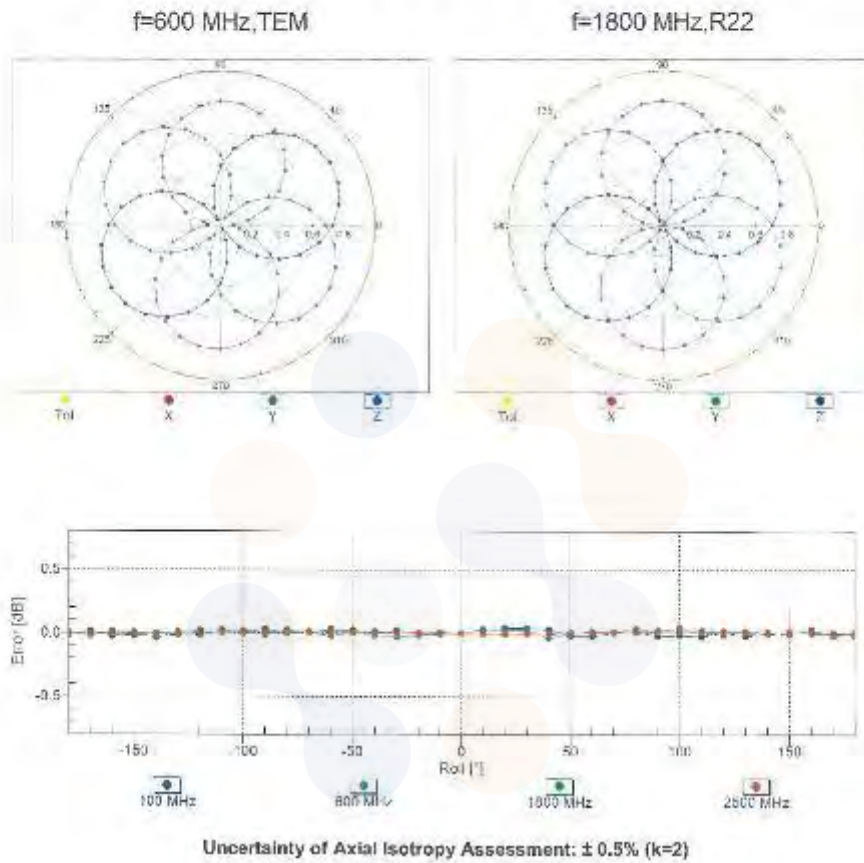


Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

EX3DV4- SN:7540

April 29, 2022

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

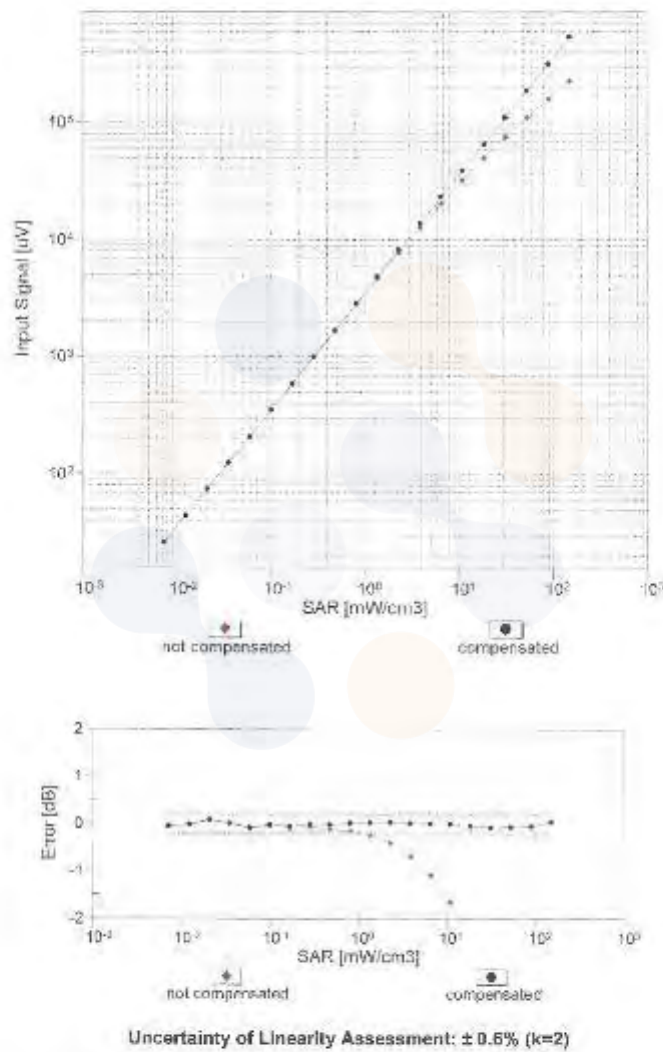




EX3DV4- SN:7540

April 29, 2022

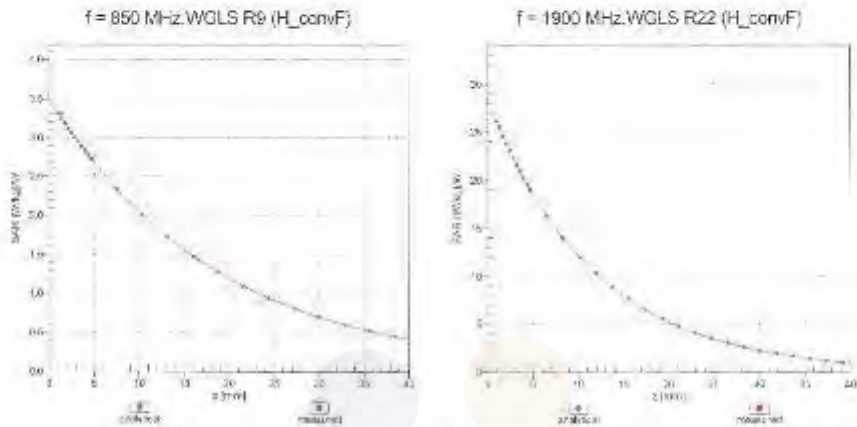
**Dynamic Range f(SAR<sub>head</sub>)**  
 (TEM cell , f<sub>eval</sub>= 1900 MHz)



EX3DV4- SN:7540

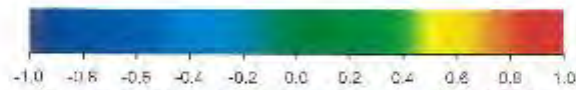
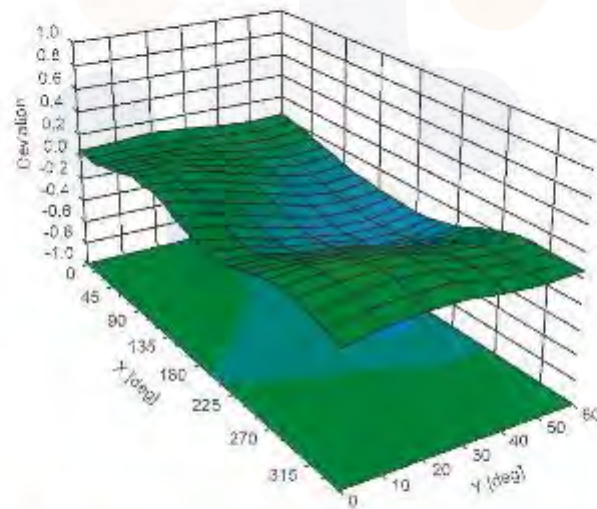
April 29, 2022

### Conversion Factor Assessment



### Deviation from Isotropy in Liquid

Error ( $\phi, \theta$ ),  $f = 900$  MHz



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

EX3DV4-SN:7540

April 29, 2022

**Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc* (1σ=2)
0	-	CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 0.0 %
10011	CAB	JM1S-FDD (WCDMA)	WCDMA	2.91	± 0.0 %
10012	CAB	IEEE 802.11a WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.07	± 0.0 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 6 Mbps)	WLAN	9.46	± 0.0 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 0.0 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 0.0 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 0.0 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 0.0 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 0.0 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 0.0 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 0.0 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 0.0 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.90	± 0.0 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	7.87	± 0.0 %
10032	CAA	IEEE 802.15.1 Bluetooth (QPSK, DH5)	Bluetooth	1.16	± 0.0 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI4-QPSK, DH1)	Bluetooth	7.74	± 0.0 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI4-QPSK, DH3)	Bluetooth	4.53	± 0.0 %
10035	CAA	IEEE 802.15.1 Bluetooth (PI4-QPSK, DH5)	Bluetooth	3.83	± 0.0 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH1)	Bluetooth	8.01	± 0.0 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH3)	Bluetooth	4.77	± 0.0 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-PPSK, DH5)	Bluetooth	4.10	± 0.0 %
10039	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	4.67	± 0.0 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI4-QPSK, Fullrate)	AMPS	7.78	± 0.0 %
10044	CAA	IS-91/EIA/TIA-553 FDD (TDMA, Full)	AMPS	0.00	± 0.0 %
10048	CAA	DECT (TDD, TDMA/FDM, QPSK, Full Slot, 24)	DECT	10.00	± 0.0 %
10049	CAA	DECT (TDD, TDMA/FDM, QPSK, Double Slot, 32)	DECT	10.79	± 0.0 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 0.0 %
10058	DAC	GSM-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 0.0 %
10059	CAB	IEEE 802.11a WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 0.0 %
10060	CAD	IEEE 802.11a WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 0.0 %
10061	CAB	IEEE 802.11a WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	9.60	± 0.0 %
10062	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 8 Mbps)	WLAN	8.68	± 0.0 %
10063	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 3 Mbps)	WLAN	5.63	± 0.0 %
10064	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 0.0 %
10065	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 0.0 %
10066	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.36	± 0.0 %
10067	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 0.0 %
10068	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 0.0 %
10069	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 0.0 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 0.0 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.67	± 0.0 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 0.0 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	± 0.0 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	± 0.0 %
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 0.0 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 0.0 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 0.0 %
10082	CAD	IS-91 / IS-136 FDD (TDMA/FDM, PI4-QPSK, Fullrate)	AMPS	4.77	± 0.0 %
10080	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.96	± 0.0 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 0.0 %
10098	CAB	UMTS-FDD (HSUPA, Subtree, 2)	WCDMA	3.98	± 0.0 %
10099	DAC	EDGE FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 0.0 %

EX30V4-SN.7540

April 29, 2022

10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	6.87	± 9.6 %
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.70	± 9.6 %
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	6.15	± 9.6 %
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	6.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10148	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.80	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.68	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.45	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	6.75	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAF	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %

Certificate No: EX3.7540\_Apr22

Page 12 of 24

EX30M4-SN7540

April 29, 2022

10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	6.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	6.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAD	IEEE 802.11n (HT Greenfield, 85 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAD	IEEE 802.11n (HT Mixed, 85 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.00	± 9.6 %
10220	CAD	IEEE 802.11n (HT Mixed, 33.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	9.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	± 9.6 %
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 %
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.62	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.96	± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.48	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAB	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 12 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 12 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 12 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	DAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %

EX3DVA-5N:7540

April 29, 2022

10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	±9.6%
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.83	±9.6%
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	10.16	±9.6%
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.23	±9.6%
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.92	±9.6%
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	10.07	±9.6%
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6%
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	±9.6%
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.15	±9.6%
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	±9.6%
10274	CAB	UMTS-FDD (HSUPA, Subclass 5, 3GPP Rel.10)	WCDMA	4.87	±9.6%
10275	CAB	UMTS-FDD (HSUPA, Subclass 5, 3GPP Rel.10)	WCDMA	3.96	±9.6%
10277	CAA	PHS (QPSK)	PHS	11.81	±9.6%
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	±9.6%
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.36)	PHS	12.18	±9.6%
10290	A4R	CDMA2000, RC1, SQ35, Full Rate	CDMA2000	3.91	±9.6%
10291	A4B	CDMA2000, RC3, SQ35, Full Rate	CDMA2000	3.46	±9.6%
10292	A4B	CDMA2000, RC3, SQ32, Full Rate	CDMA2000	3.39	±9.6%
10293	A4B	CDMA2000, RC3, SQ3, Full Rate	CDMA2000	3.50	±9.6%
10295	A4B	CDMA2000, RC1, SQ3, 1/8th Rate 25.1k	CDMA2000	12.49	±9.6%
10297	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, QPSK)	LTE-FDD	5.81	±9.6%
10298	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6%
10299	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	±9.6%
10300	AAD	LTE-FDD (SC-FDMA, 60% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	±9.6%
10301	AAA	IEEE 802.16e WIMAX (20% RB, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	±9.6%
10302	AAA	IEEE 802.16e WIMAX (20% RB, 5ms, 10MHz, QPSK, PUSC, 3C-TR)	WIMAX	12.57	±9.6%
10303	AAA	IEEE 802.16e WIMAX (31% RB, 5ms, 10MHz, 16QAM, PUSC)	WIMAX	12.52	±9.6%
10304	AAA	IEEE 802.16e WIMAX (20% RB, 5ms, 10MHz, 16QAM, PUSC)	WIMAX	11.86	±9.6%
10305	AAA	IEEE 802.16e WIMAX (31% RB, 5ms, 10MHz, 16QAM, PUSC)	WIMAX	15.24	±9.6%
10306	AAA	IEEE 802.16e WIMAX (20% RB, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.87	±9.6%
10307	AAA	IEEE 802.16e WIMAX (20% RB, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	±9.6%
10308	AAA	IEEE 802.16e WIMAX (20% RB, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6%
10309	AAA	IEEE 802.16e WIMAX (20% RB, 10ms, 10MHz, 16QAM, AMC 2x5)	WIMAX	14.56	±9.6%
10310	AAA	IEEE 802.16e WIMAX (20% RB, 10ms, 10MHz, QPSK, AMC 2x4)	WIMAX	14.57	±9.6%
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	±9.6%
10313	AAA	IDEN 1:3	IDEN	10.51	±9.6%
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6%
10315	AAB	IEEE 802.11n WiFi 2.4 GHz (3SSS, 1 Mbps, 36pc dc)	WLAN	4.71	±9.6%
10316	AAB	IEEE 802.11n WiFi 2.4 GHz (ERP OFDM, 8 Mbps, 96pc dc)	WLAN	8.35	±9.6%
10317	AAD	IEEE 802.11n WiFi 5 GHz (OFDM, 8 Mbps, 36pc dc)	WLAN	8.36	±9.6%
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.03	±9.6%
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.89	±9.6%
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.96	±9.6%
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±9.6%
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6%
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6%
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6%
10386	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6%
10390	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6%
10400	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 96pc dc)	WLAN	8.37	±9.6%
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 96pc dc)	WLAN	8.60	±9.6%
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 96pc dc)	WLAN	8.53	±9.6%
10403	AAB	CDMA2000 (1xEV-DO), Rev. 0	CDMA2000	3.76	±9.6%
10404	AAB	CDMA2000 (1xEV-DO), Rev. A	CDMA2000	3.77	±9.6%
10406	AAB	CDMA2000, RC3, SQ32, 3C10, Full Rate	CDMA2000	5.22	±9.6%
10410	AAO	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub-2,3,4,7,8,9)	LTE-TDD	7.82	±9.6%

Certificate No: EX3/7540\_Apr22

Page 14 of 24

EX3DV4-SN:7540

April 29, 2023

10414	AAA	WLAN GDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 80psdc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99psdc)	WLAN	8.23	± 9.6 %
10417	AAC	IEEE 802.11a/n WiFi 5 GHz (OFDM, 6 Mbps, 99psdc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99psdc Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99psdc Short)	WLAN	8.19	± 9.6 %
10422	AAC	IEEE 802.11n (HT Greenfield), 7.2 Mbps, 8PSK	WLAN	8.32	± 9.6 %
10423	AAC	IEEE 802.11n (HT Greenfield), 43.3 Mbps, 16-QAM	WLAN	8.47	± 9.6 %
10424	AAC	IEEE 802.11n (HT Greenfield), 72.2 Mbps, 64-QAM	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield), 19 Mbps, 9PSK	WLAN	8.41	± 9.6 %
10426	AAC	IEEE 802.11n (HT Greenfield), 90 Mbps, 16-QAM	WLAN	8.45	± 9.6 %
10427	AAC	IEEE 802.11n (HT Greenfield), 154 Mbps, 64-QAM	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.80	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10437	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.98	± 9.6 %
10438	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.93	± 9.6 %
10439	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	± 9.6 %
10430	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802.11ac WiFi (60MHz, 64-QAM, 99psdc)	WLAN	8.63	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSPA)	WCDMA	8.62	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	8.55	± 9.6 %
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6 %
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6 %
10461	AAF	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10462	AAF	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.50	± 9.6 %
10463	AAF	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.50	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.62	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.58	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAF	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %

Certificate No: EX3-7540\_Apr23

Page 16 of 24

EX3DV4- 3N.7510

April 20, 2022

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.35	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10497	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6 %
10499	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11e WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAA	IEEE 802.11e WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11e WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 2 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10519	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10520	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6 %
10521	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.08	± 9.6 %
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.51	± 9.6 %
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.48	± 9.6 %
10542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10543	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %

Certificate No: EX3-7540\_Apr22

Page 16 of 24



EX3004- SN-7540

April 29, 2022

10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 98pc dc)	WLAN	8.49	±9.6%
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 98pc dc)	WLAN	8.37	±9.6%
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 98pc dc)	WLAN	8.39	±9.6%
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 98pc dc)	WLAN	8.50	±9.6%
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 98pc dc)	WLAN	8.42	±9.6%
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 98pc dc)	WLAN	8.45	±9.6%
10554	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 98pc dc)	WLAN	8.48	±9.6%
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 98pc dc)	WLAN	8.47	±9.6%
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 98pc dc)	WLAN	8.50	±9.6%
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 98pc dc)	WLAN	8.52	±9.6%
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 98pc dc)	WLAN	8.61	±9.6%
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 98pc dc)	WLAN	8.73	±9.6%
10561	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 98pc dc)	WLAN	8.56	±9.6%
10562	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 98pc dc)	WLAN	8.69	±9.6%
10563	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 98pc dc)	WLAN	8.77	±9.6%
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 98pc dc)	WLAN	8.25	±9.6%
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 98pc dc)	WLAN	8.45	±9.6%
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 98pc dc)	WLAN	8.13	±9.6%
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 98pc dc)	WLAN	8.00	±9.6%
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 98pc dc)	WLAN	8.37	±9.6%
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 98pc dc)	WLAN	8.10	±9.6%
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 98pc dc)	WLAN	8.50	±9.6%
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 98pc dc)	WLAN	1.99	±9.6%
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 98pc dc)	WLAN	1.89	±9.6%
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 98pc dc)	WLAN	1.96	±9.6%
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 98pc dc)	WLAN	1.88	±9.6%
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 98pc dc)	WLAN	8.59	±9.6%
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 98pc dc)	WLAN	8.60	±9.6%
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 98pc dc)	WLAN	8.70	±9.6%
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 98pc dc)	WLAN	8.49	±9.6%
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 98pc dc)	WLAN	8.36	±9.6%
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 98pc dc)	WLAN	8.76	±9.6%
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 98pc dc)	WLAN	8.35	±9.6%
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 98pc dc)	WLAN	8.67	±9.6%
10583	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 6 Mbps, 98pc dc)	WLAN	8.58	±9.6%
10584	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 9 Mbps, 98pc dc)	WLAN	8.60	±9.6%
10585	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps, 98pc dc)	WLAN	8.70	±9.6%
10586	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps, 98pc dc)	WLAN	8.49	±9.6%
10587	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps, 98pc dc)	WLAN	8.36	±9.6%
10588	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps, 98pc dc)	WLAN	8.78	±9.6%
10589	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps, 98pc dc)	WLAN	8.35	±9.6%
10590	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 54 Mbps, 98pc dc)	WLAN	8.67	±9.6%
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 98pc dc)	WLAN	8.63	±9.6%
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 98pc dc)	WLAN	8.79	±9.6%
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 98pc dc)	WLAN	8.64	±9.6%
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 98pc dc)	WLAN	8.74	±9.6%
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 98pc dc)	WLAN	8.71	±9.6%
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 98pc dc)	WLAN	8.71	±9.6%
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 98pc dc)	WLAN	8.72	±9.6%
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 98pc dc)	WLAN	8.50	±9.6%
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 98pc dc)	WLAN	8.79	±9.6%
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 98pc dc)	WLAN	8.88	±9.6%
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 98pc dc)	WLAN	8.82	±9.6%
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 98pc dc)	WLAN	8.94	±9.6%
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 98pc dc)	WLAN	9.03	±9.6%
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 98pc dc)	WLAN	8.76	±9.6%

Certificate No: EX3-7540\_A6/22

Page 17 of 24

EX3DV4- SN 7540

April 29, 2023

10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	+ 9.6 %
10607	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	+ 9.6 %
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.76	± 9.6 %
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	+ 9.6 %
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.69	+ 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.68	± 9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.97	± 9.6 %
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.98	+ 9.6 %
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.65	± 9.6 %
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	+ 9.6 %
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	+ 9.6 %
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	+ 9.6 %
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.90	± 9.6 %
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.63	+ 9.6 %
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.85	+ 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	+ 9.6 %
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.06	+ 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAP	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10648	AAA	CDMA2000 (3x Advanced)	CDMA2000	3.45	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
10658	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6 %
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6 %
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.87	± 9.6 %
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6 %
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %

Certificate No: EX0-7540 Apr22

Page 18 of 24

EX3DV4- SN:7540

April 29, 2023

10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90ps dc)	WLAN	8.74	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS2, 90ps dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90ps dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90ps dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90ps dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90ps dc)	WLAN	8.78	± 9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90ps dc)	WLAN	8.69	± 9.6 %
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90ps dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90ps dc)	WLAN	8.62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90ps dc)	WLAN	8.83	± 9.6 %
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99ps dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99ps dc)	WLAN	8.28	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 99ps dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99ps dc)	WLAN	8.25	± 9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99ps dc)	WLAN	8.45	± 9.6 %
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99ps dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99ps dc)	WLAN	8.55	± 9.6 %
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99ps dc)	WLAN	8.29	± 9.6 %
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99ps dc)	WLAN	8.25	± 9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99ps dc)	WLAN	8.29	± 9.6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99ps dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99ps dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90ps dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 90ps dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90ps dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90ps dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90ps dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90ps dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90ps dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90ps dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90ps dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90ps dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90ps dc)	WLAN	8.60	± 9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90ps dc)	WLAN	8.68	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99ps dc)	WLAN	8.32	± 9.6 %
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99ps dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99ps dc)	WLAN	8.23	± 9.6 %
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99ps dc)	WLAN	8.28	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99ps dc)	WLAN	8.39	± 9.6 %
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99ps dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99ps dc)	WLAN	8.33	± 9.6 %
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99ps dc)	WLAN	8.25	± 9.6 %
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99ps dc)	WLAN	8.45	± 9.6 %
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99ps dc)	WLAN	8.30	± 9.6 %
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99ps dc)	WLAN	8.48	± 9.6 %
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99ps dc)	WLAN	8.24	± 9.6 %
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90ps dc)	WLAN	8.81	± 9.6 %
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 90ps dc)	WLAN	8.87	± 9.6 %
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 90ps dc)	WLAN	8.76	± 9.6 %
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 90ps dc)	WLAN	8.55	± 9.6 %
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90ps dc)	WLAN	8.70	± 9.6 %
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 90ps dc)	WLAN	8.90	± 9.6 %
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 90ps dc)	WLAN	8.74	± 9.6 %
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90ps dc)	WLAN	8.72	± 9.6 %
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 90ps dc)	WLAN	8.66	± 9.6 %
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 90ps dc)	WLAN	8.65	± 9.6 %

Certificate No: EX3-7540\_Apr22

Page 19 of 24

EX30V4-SN.7540

April 29, 2022

10720	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.54	+9.6%
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.57	+9.6%
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	+9.6%
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	+9.6%
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	+9.6%
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	+9.6%
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	+9.6%
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	+9.6%
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	+9.6%
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.47	+9.6%
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	+9.6%
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	+9.6%
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	+9.6%
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	+9.6%
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.94	+9.6%
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	9.16	+9.6%
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.93	+9.6%
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	9.11	+9.6%
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	9.04	+9.6%
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	9.23	+9.6%
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.90	+9.6%
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.79	+9.6%
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.82	+9.6%
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.81	+9.6%
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	9.00	+9.6%
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.94	+9.6%
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	+9.6%
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	+9.6%
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	+9.6%
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	+9.6%
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	+9.6%
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	+9.6%
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	+9.6%
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.40	+9.6%
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	+9.6%
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	+9.6%
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	+9.6%
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	+9.6%
10767	AAD	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	+9.6%
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6%
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	+9.6%
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6%
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6%
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	+9.6%
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	+9.6%
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	+9.6%
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	+9.6%
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	+9.6%
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	+9.6%
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	+9.6%
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.47	+9.6%
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.36	+9.6%
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.36	+9.6%
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.45	+9.6%
10783	AAD	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	+9.6%
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	+9.6%

Certificate No. EX3-7540\_Ap22

Page 20 of 24

EX030VL-SN:7540

April 29, 2022

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.96	± 9.6 %
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAI	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.62	± 9.6 %
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802	AAI	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10812	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAI	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.28	± 9.6 %
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.78	± 9.6 %
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAI	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10844	AAI	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	± 9.6 %

Certificate No: EX0-7540\_Apr22

Page 21 of 24

EX3DV4-SN 7340

April 29, 2022

10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 120 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.06	± 9.6 %
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 10QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 10QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	6.81	± 9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	± 9.6 %
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.08	± 9.6 %
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.65	± 9.6 %
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	± 9.6 %
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.90	± 9.6 %
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 %
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAB	5G NR (DFT-s-OFDM, 60% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.80	± 9.6 %
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %

EX31VA- SN7540

April 29, 2022

10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	+9.6%
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6%
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6%
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6%
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6%
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6%
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6%
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6%
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6%
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6%
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6%
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.62	±9.6%
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6%
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.93	±9.6%
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6%
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6%
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6%
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6%
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	±9.6%
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6%
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6%
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6%
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6%
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6%
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	9.25	±9.6%
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6%
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6%
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6%
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6%
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	±9.6%
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6%
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6%
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	±9.6%
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	±9.6%
10962	AAD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6%
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	±9.6%
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9.6%
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	±9.6%
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6%
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6%
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6%
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.6%
10973	AAB	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.6%
10977	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6%
10978	AAA	ULLA HDR	ULLA	1.23	±9.6%
10979	AAA	ULLA HDR4	ULLA	7.02	±9.6%
10980	AAA	ULLA HDR8	ULLA	8.82	±9.6%
10981	AAA	ULLA HDRp4	ULLA	1.60	±9.6%
10982	AAA	ULLA HDRp8	ULLA	1.41	±9.6%
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.31	±9.6%
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	±9.6%

EX3DV4- SN:7540

April 20, 2022

10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	± 0.6 %
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	± 0.6 %
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 0.6 %
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.36	± 0.6 %
10991	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	± 0.6 %
10993	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	± 0.6 %

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





**Appendix A.2 Probe Calibration certificate (EX3DV4 SN7541)**

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



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

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

Accreditation No.: **SCS 0108**

Client: **Eurofins KCTL (Dymstec)**

Certificate No: **EX-7541\_JUL22**

**CALIBRATION CERTIFICATE**

Object: **EX3DV4 - SN:7541**

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

Calibration date: **July 22, 2022**



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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22±3) °C and humidity < 70%.

Calibration Equipment used (MATE critical for calibration)

Primary Standards	ID	Cal. Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	24-Apr-22 (No. 217-03525/03524)	Apr-22
Power sensor NRP-Z91	SN: 103244	24-Apr-22 (No. 217-03524)	Apr-22
OCP DAK 3.5 (weighting)	SN: 1249	20-Oct-21 (OCP-DAK3.5-1249_Oct21)	Oct-22
OCP DAK-12	SN: 1016	20-Oct-21 (OCP-DAK12-1016_Oct21)	Oct-22
Reference 20 dB Attenuator	SN: CC2552 (20%)	24-Apr-22 (No. 217-03527)	Apr-22
DAEs	SN: 680	16-Oct-21 (No. DAE4-680_Oct21)	Oct-22
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB412938/4	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498007	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8848C	SN: US30542U01700	04-Aug-20 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8268A	SN: JS41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

	Name	Function	Signature
Calibrated by	Ulrich Rymann	Laboratory Technician	
Approved by	Sven Könn	Technical Manager	

Issued: July 26, 2022

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

**Calibration Laboratory of**

Schmid & Partner  
 Engineering AG

Zeughausstrasse 45, 8004 Zurich, Switzerland



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

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

Accreditation No.: **SCS 0108**

**Glossary**

TSL	Issue simulating liquid
$NORM_{x,y,z}$	sensitivity in free space
ConvF	sensitivity in TSL / $NORM_{x,y,z}$
DCP	diode compression point
CF	crest factor (duty cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization $\phi$	$\phi$ rotation around probe axis
Polarization $\theta$	$\theta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is normal to probe axis
Connector Angle	Information used in DASY system to align probe sensor X to the robot coordinate system

**Calibration is Performed According to the Following Standards:**

- IEC/IEEE 62209-1:2018, "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 152B: Human Models, Instrumentation, And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- KDB 665684, "SAR Measurement Requirements for 100 MHz to 6 GHz"

**Methods Applied and Interpretation of Parameters:**

- $NORM_{x,y,z}$ : Assessed by E-field polarization  $\theta = 0$  ( $f < 900$  MHz in TEM cell)  $f > 1200$  MHz: RP2 waveguide).  $NORM_{x,y,z}$  are only intermediate values, i.e., the uncertainties of  $NORM_{x,y,z}$  does not affect the  $E^2$ -field uncertainty inside TSL (see below ConvF).
- $NORM_{\theta}(x,y,z) = NORM_{x,y,z} \cdot frequency\_response$  (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- $DCP_{x,y,z}$ : DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- $A_{x,y,z}$ ;  $B_{x,y,z}$ ;  $C_{x,y,z}$ ;  $D_{x,y,z}$ ;  $M_{x,y,z}$ : 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. M is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for  $f > 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to  $NORM_{x,y,z} \cdot ConvF$  whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the  $NORM_{x,y,z}$  (no uncertainty required).

EX3DV4 - SN:7541

July 02, 2022

**Parameters of Probe: EX3DV4 - SN:7541**

**Basic Calibration Parameters**

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

**Calibration Results for Modulation Response**

UID	Communication System Name		A dB	B dB <sub>v</sub> /pV	C	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> k=2
0	CW	X	0.00	0.00	1.00	0.00	170.6	$\pm 2.7\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		160.5		
		Z	0.00	0.00	1.00		161.1		
10352	Pulse Waveform (200Hz, 10%)	X	17.91	85.05	17.63	10.00	60.0	$\pm 4.0\%$	$\pm 6.6\%$
		Y	20.00	90.42	20.25		60.0		
		Z	2.18	83.51	8.64		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	86.40	17.28	5.99	60.0	$\pm 2.7\%$	$\pm 6.6\%$
		Y	20.00	91.17	19.66		60.0		
		Z	1.34	81.76	7.11		60.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	87.04	16.80	3.98	95.0	$\pm 1.0\%$	$\pm 6.6\%$
		Y	20.00	93.15	18.35		95.0		
		Z	0.73	80.93	5.98		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	90.18	16.98	2.22	120.0	$\pm 0.7\%$	$\pm 6.6\%$
		Y	20.00	94.02	16.50		120.0		
		Z	0.43	80.31	5.47		120.0		
10387	QPSK Waveform, 1 MHz	X	1.73	66.69	15.37	1.00	150.0	$\pm 2.5\%$	$\pm 6.6\%$
		Y	1.53	64.00	13.64		150.0		
		Z	1.58	65.18	14.33		150.0		
10388	QPSK Waveform, 10 MHz	X	2.33	66.74	16.12	0.00	150.0	$\pm 1.0\%$	$\pm 6.6\%$
		Y	2.00	65.84	14.34		150.0		
		Z	2.09	66.84	15.06		150.0		
10396	64-QAM Waveform, 100 kHz	X	3.27	72.26	18.72	3.01	150.0	$\pm 0.8\%$	$\pm 6.6\%$
		Y	2.96	69.85	18.38		150.0		
		Z	2.82	70.88	19.19		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.57	67.43	15.97	0.00	150.0	$\pm 2.1\%$	$\pm 6.6\%$
		Y	3.36	66.07	15.06		150.0		
		Z	3.41	68.53	15.42		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.93	65.66	15.69	0.00	150.0	$\pm 4.1\%$	$\pm 6.6\%$
		Y	4.79	63.06	15.13		150.0		
		Z	4.79	65.93	15.33		150.0		

Note: For details on UID parameters see Appendix

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

<sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sub>1</sub> field uncertainty inside TR (see Pages 5 and 6)  
<sup>B</sup> The DC offset parameter uncertainty for maximum specified test strength  
<sup>E</sup> Uncertainty is determined using the max. deviation from linear response applying rectangular distribution and is expressed in the units of the full scale.

EX3DV4 - SN:7541

July 22, 2022

**Parameters of Probe: EX3DV4 - SN:7541**

**Sensor Model Parameters**

	C1 1F	C2 1F	$\alpha$ V <sup>-1</sup>	T1 ms V <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
x	47.2	352.41	35.62	24.57	0.00	5.05	1.18	0.30	1.01
y	49.8	377.18	38.19	18.28	0.00	5.10	1.04	0.36	1.01
z	44.4	332.88	35.64	15.76	0.00	4.96	1.76	0.06	1.01

**Other Probe Parameters**

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

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

EX3DV4 - SN:7541

July 22, 2022

**Parameters of Probe: EX3DV4 - SN:7541**

**Calibration Parameter Determined in Head Tissue Simulating Media**

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

<sup>C</sup> Frequency valid to above 300MHz at 1100MHz only applies for DASY v1.4 and Higher (see Page 2), else it is restricted to +50MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 200 MHz respectively. Validity of ConvF assessed at 8 MHz is 4-9MHz, and ConvF assessed at 12 MHz is 9-10 MHz. Above 5 GHz frequency validity can be extended to > 110MHz.

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

<sup>G</sup> Alpha/Depth are determined during calibration. SFRAC errors (ε) is the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from the boundary.

EX3DV4 - SN:7541

July 22, 2022

**Parameters of Probe: EX3DV4 - SN:7541**

**Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.40	5.40	5.40	0.25	2.50	±18.6%
7000	33.9	6.65	4.67	4.67	4.67	0.10	1.80	±18.6%

<sup>C</sup> Frequency validity at 0.5 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.

<sup>F</sup> At frequencies 6-10 GHz, the validity of tissue parameters ( $\epsilon'$  and  $\sigma'$ ) can be relaxed to ±10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

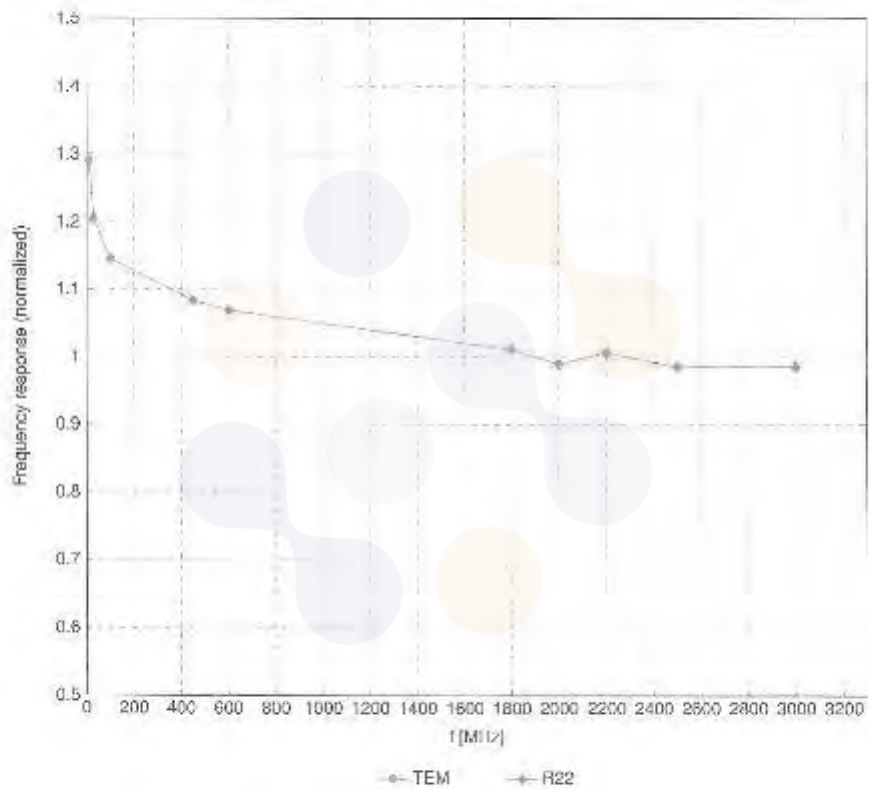


EX3DV4 - SN:7541

July 22, 2022

**Frequency Response of E-Field**

(TEM-Cell:ii110 EXX, Waveguide:R22)

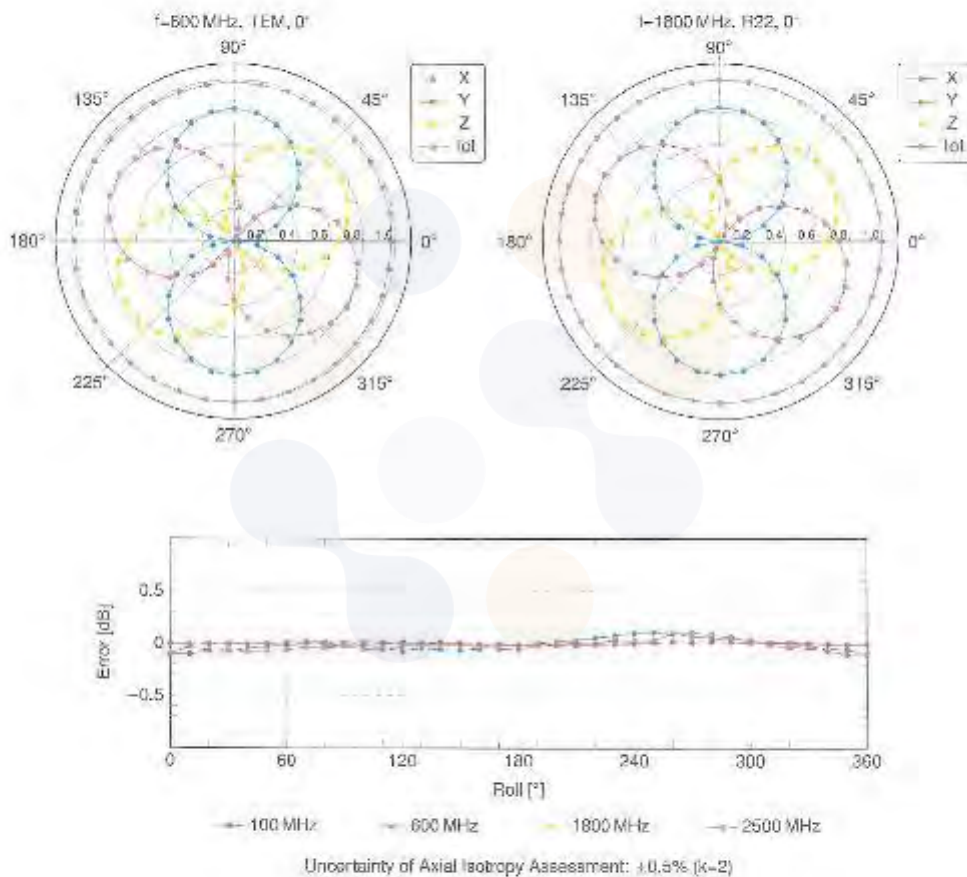


Uncertainty of Frequency Response of E-Field:  $\pm 6.3\%$  (k=2)

EX3DV4 - SN:7541

July 22, 2022

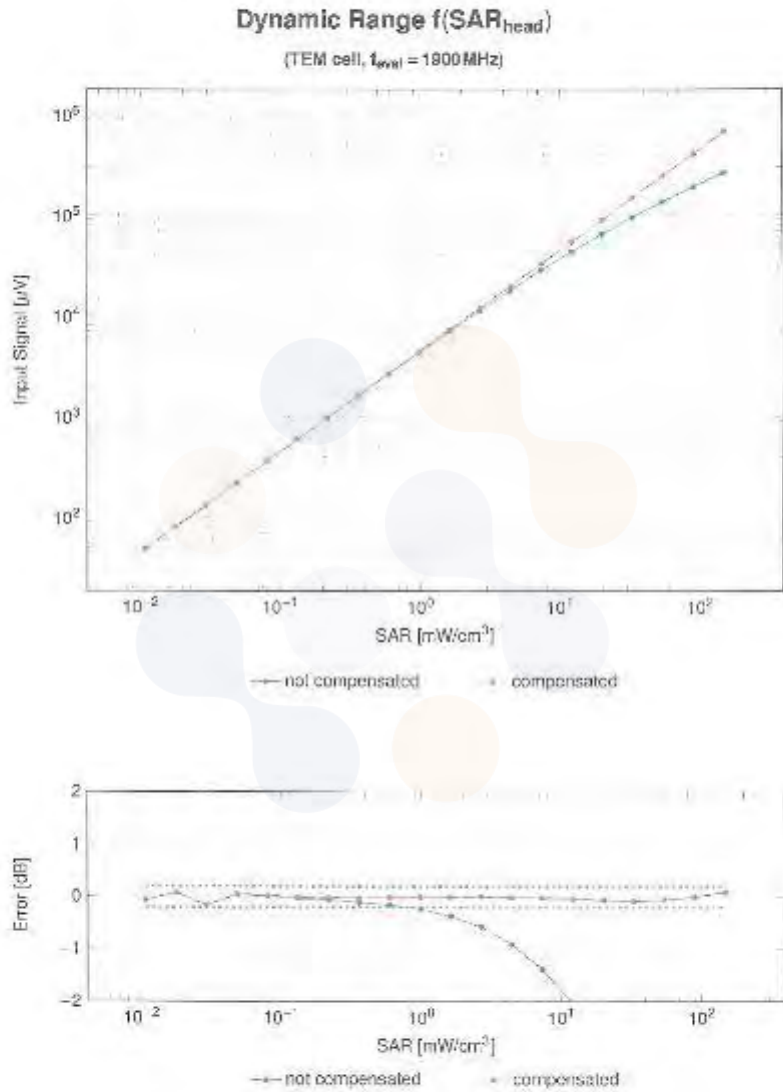
**Receiving Pattern ( $\phi$ ),  $\theta = 0^\circ$**





EX3DV4 - SN:7541

July 22, 2022

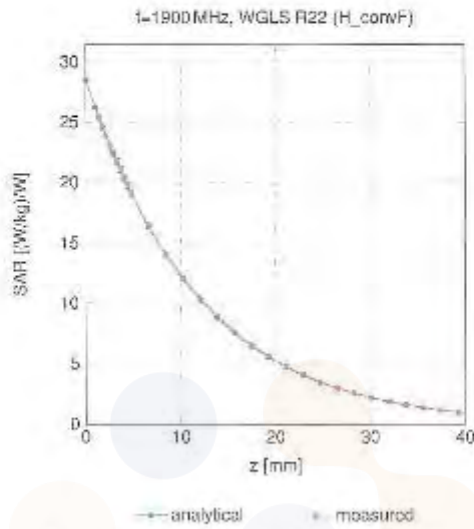


Uncertainty of Linearity Assessment: ±0.6% (k=2)

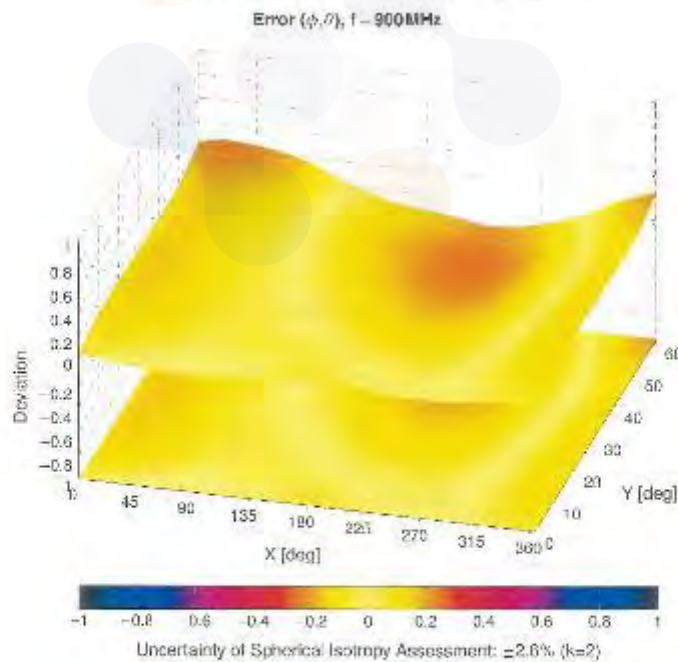
EX3DV4 - SN:7541

July 22, 2022

**Conversion Factor Assessment**



**Deviation from Isotropy in Liquid**



EX3DV4 - SN7541

July 22, 2022

**Appendix: Modulation Calibration Parameters**

OID	REV	Communication System Name	Group	PAR (dB)	ModF (K=2)
10000	0	QW	QW	6.00	19.7
10010	CAW	SAR Validation (SQPSK, 100ms, 10Mbps)	QAM	10.00	19.9
10011	CAB	UMTS FDD (WCDMA)	WCDMA	5.81	19.9
10012	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps)	WLAN	1.87	19.9
10013	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 54Mbps)	WLAN	5.46	19.9
10021	DAC	GSM FDD (TDMA, GMSK)	GSM	5.99	19.9
10023	DAC	GPRS FDD (TDMA, GMSK, TN 0)	GSM	5.67	19.9
10024	DAC	GPRS FDD (TDMA, GMSK, TN 0-4)	GSM	6.66	19.9
10025	DAC	EDGE FDD (TDMA, 8PSK, TN 0)	GSM	12.69	19.9
10026	DAC	EDGE FDD (TDMA, 8PSK, TN 0-1)	GSM	9.66	19.9
10027	DAC	GPRS FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	19.9
10028	DAC	GPRS FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.66	19.9
10029	DAC	EDGE FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.76	19.9
10030	CAE	IEEE 802.15.1 Bluetooth (QPSK, 0-1)	Bluetooth	5.66	19.9
10031	CAE	IEEE 802.15.1 Bluetooth (QPSK, 0-2)	Bluetooth	1.67	19.9
10032	CAE	IEEE 802.15.1 Bluetooth (QPSK, 0-3)	Bluetooth	1.76	19.9
10033	CAE	IEEE 802.15.1 Bluetooth (FH-DQPSK, 0-1)	Bluetooth	7.74	19.9
10034	CAE	IEEE 802.15.1 Bluetooth (FH-DQPSK, 0-3)	Bluetooth	1.55	19.9
10035	CAE	IEEE 802.15.1 Bluetooth (FH-DQPSK, 0-4)	Bluetooth	3.53	19.9
10036	CAE	IEEE 802.15.1 Bluetooth (B-DPSK, 0-1)	Bluetooth	6.01	19.9
10037	CAE	IEEE 802.15.1 Bluetooth (B-DPSK, 0-3)	Bluetooth	1.77	19.9
10038	CAE	IEEE 802.15.1 Bluetooth (B-DPSK, 0-4)	Bluetooth	4.10	19.9
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	19.9
10042	QAD	S-SS (IS-136) FDD (DSSS-FDM, FH-DQPSK, 4x128k)	AMPS	7.78	19.9
10044	CAE	S-SS (IS-136) FDD (DSSS-FDM, FH-DQPSK, 4x128k)	AMPS	3.60	19.9
10046	CAE	DECT (IDD, TDMA-FDM, GFSK, 2x1 Slot, 24)	DECT	13.80	19.9
10048	CAE	DECT (IDD, TDMA-FDM, GFSK, Double Slot, 12)	DECT	13.70	19.9
10056	CAE	UMTS-TDD (TD-SSDMA, 128Mbps)	TD-SSDMA	11.01	19.9
10058	DAC	EDGE-TDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	19.9
10059	CAB	EEL 802.11b WiFi 2.4GHz (DSSS, 2Mbps)	WLAN	2.12	19.9
10060	CAB	EEL 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps)	WLAN	2.83	19.9
10061	CAB	EEL 802.11b WiFi 2.4GHz (DSSS, 11Mbps)	WLAN	5.60	19.9
10062	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 8Mbps)	WLAN	6.69	19.9
10063	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 9Mbps)	WLAN	6.63	19.9
10064	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 12Mbps)	WLAN	6.68	19.9
10065	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 18Mbps)	WLAN	6.65	19.9
10066	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 24Mbps)	WLAN	6.68	19.9
10067	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 36Mbps)	WLAN	10.15	19.9
10068	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 48Mbps)	WLAN	10.84	19.9
10069	CAD	EEE 802.11ah WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.66	19.9
10071	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 9Mbps)	WLAN	9.02	19.9
10072	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 12Mbps)	WLAN	9.02	19.9
10073	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 18Mbps)	WLAN	9.94	19.9
10074	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 24Mbps)	WLAN	10.80	19.9
10075	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 36Mbps)	WLAN	10.77	19.9
10076	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 48Mbps)	WLAN	10.64	19.9
10077	CAE	EEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 54Mbps)	WLAN	11.00	19.9
10081	CAB	CDMA2000 (1xEV-DO, RC2)	CDMA2000	3.97	19.9
10082	CAE	IS-54 (IS-136) FDD (DSSS-FDM, FH-DQPSK, Fullrate)	AMPS	4.27	19.9
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.26	19.9
10097	CAD	UMTS-FDD (IS-97C)	WCDMA	3.98	19.9
10098	CAD	UMTS-FDD (IS-97C, Subcar 2)	WCDMA	3.96	19.9
10099	CAD	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	19.9
10100	CAC	LTE-FDD (SU-MIMO, 100% RB, 20MHz, QPSK)	LTE-FDD	5.87	19.9
10101	CAB	LTE-FDD (SU-MIMO, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.92	19.9
10102	CAB	LTE-FDD (SU-MIMO, 100% RB, 20MHz, 64-QAM)	LTE-FDD	8.89	19.9
10103	DAC	LTE-TDD (SU-MIMO, 100% RB, 20MHz, QPSK)	LTE-TDD	9.29	19.9
10104	CAE	LTE-TDD (SU-MIMO, 100% RB, 20MHz, 16-QAM)	LTE-TDD	9.57	19.9
10105	CAE	LTE-TDD (SU-MIMO, 100% RB, 20MHz, 64-QAM)	LTE-TDD	10.01	19.9
10106	CAE	LTE-FDD (MIMO, 100% RB, 10MHz, QPSK)	LTE-FDD	5.90	19.9
10109	CAE	LTE-FDD (MIMO, 100% RB, 10MHz, 16-QAM)	LTE-FDD	6.48	19.9
10110	CAE	LTE-FDD (MIMO, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	19.9
10111	CAE	LTE-FDD (MIMO, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	19.9

EX00V4 - SN7541

July 22, 2022

UID	Rev	Communication System Name	Group	FAR (dB)	Unc <sup>2</sup> k - 2
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.09	+9.0
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.02	+9.0
10114	CAG	IEEE 802.11n (HT Mixed, 14.5 Mbps, BPSK)	WLAN	6.10	+9.0
10115	CAG	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	6.45	+9.0
10116	CAG	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	6.15	+9.0
10117	CAG	IEEE 802.11n (HT Mixed, 19.5 Mbps, BPSK)	WLAN	6.07	+9.0
10118	CAG	IEEE 802.11n (HT Mixed, 61 Mbps, 16-QAM)	WLAN	6.59	+9.0
10119	CAG	IEEE 802.11n (HT Mixed, 295 Mbps, 64-QAM)	WLAN	6.13	+9.0
10120	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.49	+9.0
10121	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.63	+9.0
10122	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	6.73	+9.0
10123	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.02	+9.0
10124	CAG	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.05	+9.0
10125	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	3.92	+9.0
10126	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.47	+9.0
10127	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.72	+9.0
10128	CAG	LTE-FDD (SC-FDMA, 80% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	+9.0
10129	CAG	LTE-FDD (SC-FDMA, 80% RB, 20 MHz, 64-QAM)	LTE-FDD	5.00	+9.0
10130	CAG	LTE-FDD (SC-FDMA, 80% RB, 20 MHz, QPSK)	LTE-FDD	5.22	+9.0
10132	CAG	LTE-FDD (SC-FDMA, 80% RB, 20 MHz, 16-QAM)	LTE-FDD	5.92	+9.0
10133	CAG	LTE-FDD (SC-FDMA, 80% RB, 20 MHz, 64-QAM)	LTE-FDD	10.05	+9.0
10134	CAG	LTE-FDD (SC-FDMA, 80% RB, 10 MHz, QPSK)	LTE-FDD	3.75	+9.0
10135	CAG	LTE-FDD (SC-FDMA, 80% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	+9.0
10136	CAG	LTE-FDD (SC-FDMA, 80% RB, 5 MHz, QPSK)	LTE-FDD	5.79	+9.0
10137	CAG	LTE-FDD (SC-FDMA, 80% RB, 5 MHz, 16-QAM)	LTE-FDD	6.43	+9.0
10138	CAG	LTE-FDD (SC-FDMA, 80% RB, 10 MHz, 64-QAM)	LTE-FDD	8.20	+9.0
10139	CAG	LTE-FDD (SC-FDMA, 80% RB, 5 MHz, 64-QAM)	LTE-FDD	8.55	+9.0
10140	CAG	LTE-FDD (SC-FDMA, 80% RB, 15 MHz, QPSK)	LTE-FDD	5.29	+9.0
10141	CAG	LTE-FDD (SC-FDMA, 80% RB, 15 MHz, QPSK)	LTE-FDD	5.29	+9.0
10142	CAG	LTE-FDD (SC-FDMA, 80% RB, 15 MHz, 16-QAM)	LTE-FDD	8.43	+9.0
10143	CAG	LTE-FDD (SC-FDMA, 80% RB, 15 MHz, 64-QAM)	LTE-FDD	8.55	+9.0
10144	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4 MHz, QPSK)	LTE-FDD	5.16	+9.0
10145	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	+9.0
10146	CAG	LTE-FDD (SC-FDMA, 80% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	+9.0
10147	CAG	TE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	TE-FDD	6.73	+9.0
10148	CAG	TE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	TE-FDD	6.02	+9.0
10149	CAG	TE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	TE-FDD	6.49	+9.0
10150	CAG	TE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	TE-FDD	6.01	+9.0
10151	CAG	TE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	TE-FDD	6.48	+9.0
10152	CAG	TE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	TE-FDD	10.25	+9.0
10153	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	TE-FDD	5.72	+9.0
10154	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TE-FDD	6.02	+9.0
10155	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	TE-FDD	5.72	+9.0
10156	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TE-FDD	6.02	+9.0
10157	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	TE-FDD	6.72	+9.0
10158	CAG	TE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	TE-FDD	5.72	+9.0
10159	CAG	TE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	TE-FDD	6.51	+9.0
10160	CAG	TE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	TE-FDD	6.51	+9.0
10161	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TE-FDD	3.54	+9.0
10162	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TE-FDD	5.73	+9.0
10163	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TE-FDD	5.73	+9.0
10164	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TE-FDD	3.54	+9.0
10165	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TE-FDD	5.73	+9.0
10166	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TE-FDD	6.50	+9.0
10167	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TE-FDD	3.54	+9.0
10168	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TE-FDD	5.73	+9.0
10169	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TE-FDD	6.50	+9.0
10170	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TE-FDD	3.54	+9.0
10171	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TE-FDD	5.73	+9.0
10172	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TE-FDD	6.50	+9.0
10173	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TE-FDD	3.54	+9.0
10174	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TE-FDD	5.73	+9.0
10175	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TE-FDD	6.50	+9.0
10176	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TE-FDD	6.02	+9.0
10177	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	TE-FDD	5.72	+9.0
10178	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TE-FDD	6.02	+9.0
10179	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	TE-FDD	6.02	+9.0
10180	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	TE-FDD	6.02	+9.0
10181	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TE-FDD	6.72	+9.0
10182	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	TE-FDD	6.72	+9.0
10183	CAG	TE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	TE-FDD	6.50	+9.0
10184	CAG	TE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	TE-FDD	5.72	+9.0
10185	CAG	TE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	TE-FDD	6.51	+9.0
10186	CAG	TE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	TE-FDD	6.51	+9.0
10187	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	TE-FDD	3.73	+9.0
10188	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	TE-FDD	5.73	+9.0
10189	CAG	TE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	TE-FDD	6.50	+9.0
10190	CAL	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	6.09	+9.0
10191	CAL	IEEE 802.11n (HT Mixed, 6.5 Mbps, 16-QAM)	WLAN	6.12	+9.0
10192	CAL	IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-QAM)	WLAN	6.21	+9.0
10193	CAL	IEEE 802.11n (HT Mixed, 9.5 Mbps, BPSK)	WLAN	6.10	+9.0
10194	CAL	IEEE 802.11n (HT Mixed, 9.5 Mbps, 16-QAM)	WLAN	6.13	+9.0
10195	CAL	IEEE 802.11n (HT Mixed, 9.5 Mbps, 64-QAM)	WLAN	6.27	+9.0
10196	CAL	IEEE 802.11n (HT Mixed, 12.5 Mbps, BPSK)	WLAN	6.02	+9.0
10197	CAL	IEEE 802.11n (HT Mixed, 12.5 Mbps, 16-QAM)	WLAN	6.12	+9.0
10198	CAL	IEEE 802.11n (HT Mixed, 12.5 Mbps, 64-QAM)	WLAN	6.27	+9.0
10199	CAL	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	6.02	+9.0
10200	CAL	IEEE 802.11n (HT Mixed, 15 Mbps, 16-QAM)	WLAN	6.12	+9.0
10201	CAL	IEEE 802.11n (HT Mixed, 15 Mbps, 64-QAM)	WLAN	6.27	+9.0
10202	CAL	IEEE 802.11n (HT Mixed, 19 Mbps, BPSK)	WLAN	6.02	+9.0
10203	CAL	IEEE 802.11n (HT Mixed, 19 Mbps, 16-QAM)	WLAN	6.06	+9.0
10204	CAL	IEEE 802.11n (HT Mixed, 19 Mbps, 64-QAM)	WLAN	6.26	+9.0

EX9DM1-SN/2511

July 22, 2022

UID	Rev	Communication System Name	Group	PAR (dB)	Limit A - 2
10220	CAD	UMTS-FDD (HS-PA)	WCDMA	5.03	+9.9
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TDD	9.40	+9.9
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-TDD	0.29	+9.9
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-TDD	8.20	+9.9
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.48	+9.9
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	-0.25	+9.9
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.18	+9.9
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TDD	0.49	+9.9
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	-0.25	+9.9
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TDD	0.27	+9.9
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-TDD	0.10	+9.9
10236	CAD	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-TDD	10.25	+9.9
10237	CAD	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-TDD	0.27	+9.9
10238	CAD	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-TDD	0.40	+9.9
10239	CAD	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-TDD	10.20	+9.9
10240	CAD	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-TDD	0.21	+9.9
10241	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-TDD	0.80	+9.9
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-TDD	0.88	+9.9
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TDD	0.48	+9.9
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TDD	10.08	+9.9
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TDD	10.08	+9.9
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TDD	0.30	+9.9
10247	CAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-TDD	0.91	+9.9
10248	CAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TDD	10.00	+9.9
10249	CAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-TDD	0.29	+9.9
10250	CAD	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM)	LTE-TDD	3.01	+9.9
10251	CAD	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-TDD	13.17	+9.9
10252	CAD	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-TDD	0.20	+9.9
10253	CAD	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TDD	0.90	+9.9
10254	CAD	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-TDD	10.14	+9.9
10255	CAD	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-TDD	0.20	+9.9
10256	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-TDD	0.98	+9.9
10257	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-TDD	10.09	+9.9
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TDD	0.09	+9.9
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TDD	0.88	+9.9
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-TDD	0.97	+9.9
10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TDD	0.24	+9.9
10262	CAD	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TDD	0.02	+9.9
10263	CAD	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TDD	10.16	+9.9
10264	CAD	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	0.28	+9.9
10265	CAD	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-TDD	0.92	+9.9
10266	CAD	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-TDD	10.07	+9.9
10267	CAD	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-TDD	0.30	+9.9
10268	CAD	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	+9.9
10269	CAD	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TDD	10.15	+9.9
10270	CAD	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TDD	0.98	+9.9
10271	CAD	UMTS-FDD (HS-DPA, Subcar 5, SPPF Rate 10)	WCDMA	4.87	+9.9
10272	CAD	UMTS-FDD (HS-DPA, Subcar 5, SPPF Rate 4)	WCDMA	3.90	+9.9
10277	CAD	FHS-QPSK	FHS	11.61	+9.9
10278	CAD	FHS-QPSK, BW 80MHz, Rate 0.5	FHS	11.63	+9.9
10279	CAD	FHS-QPSK, BW 80MHz, Rate 0.98	FHS	12.18	+9.9
10280	CAD	CDMA2000, RC1, SC35, Full Rate	CDMA2000	3.01	+9.9
10281	CAD	CDMA2000, RC1, SC35, Full Rate	CDMA2000	3.40	+9.9
10282	CAD	CDMA2000, RC1, SC35, Full Rate	CDMA2000	3.39	+9.9
10283	CAD	CDMA2000, RC1, SC35, Full Rate	CDMA2000	3.53	+9.9
10284	CAD	CDMA2000, RC1, SC35, Full Rate	CDMA2000	3.43	+9.9
10285	CAD	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.01	+9.9
10286	CAD	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	5.72	+9.9
10287	CAD	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	6.09	+9.9
10288	CAD	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	-0.80	+9.9
10301	CAD	IEEE 802.16e WIMAX (2818, 5ms, 10MHz, QPSK, FUSC, 30TBS)	WIMAX	12.09	+9.9
10302	CAD	IEEE 802.16e WIMAX (2818, 5ms, 10MHz, QPSK, FUSC, 30TBS)	WIMAX	12.07	+9.9
10303	CAD	IEEE 802.16e WIMAX (2818, 5ms, 10MHz, 64QAM, FUSC)	WIMAX	12.03	+9.9
10304	CAD	IEEE 802.16e WIMAX (2818, 5ms, 10MHz, 64QAM, FUSC)	WIMAX	11.86	+9.9
10305	CAD	IEEE 802.16e WIMAX (2818, 10ms, 10MHz, 64QAM, FUSC)	WIMAX	-0.94	+9.9
10306	CAD	IEEE 802.16e WIMAX (2818, 10ms, 10MHz, 64QAM, FUSC)	WIMAX	14.87	+9.9

H.X3DV4 - SN.7541

JUN 22, 2022

ID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> ft. - 2
10307	AAE	IEEE 802.16e WMAN (CS-FR, 10ms, 10MHz, QPSK, PAR)	WMAN	14.46	+9.0
10308	AAE	IEEE 802.16e WMAN (CS-FR, 10ms, 10MHz, 16QAM, PAR)	WMAN	14.46	+9.0
10309	AAE	IEEE 802.16e WMAN (CS-FR, 10ms, 10MHz, 16QAM, AMC 2/3)	WMAN	14.46	+9.0
10310	AAE	IEEE 802.16e WMAN (CS-FR, 10ms, 10MHz, QPSK, AMC 2/3)	WMAN	14.57	+9.0
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	0.05	+9.0
10313	AAE	OFDM 1/8	OFDM	19.51	+9.6
10314	AAE	OFDM 1/8	OFDM	13.48	+9.6
10315	AAE	IEEE 802.11b W/F 2.4GHz (DSSS, 1Mbps, 80ps/dt)	WLAN	1.71	+9.6
10316	AAE	IEEE 802.11g W/F 2.4GHz (OFDM, 6Mbps, 80ps/dt)	WLAN	3.38	+9.6
10317	AAE	IEEE 802.11n W/F 5GHz (OFDM, 3Mbps, 80ps/dt)	WLAN	3.38	+9.6
10357	AAA	Pulse Waveform (200 Hz, 10%)	GenSig	10.00	+9.5
10353	AAA	Pulse Waveform (200 Hz, 20%)	GenSig	6.88	+9.5
10354	AAA	Pulse Waveform (200 Hz, 40%)	GenSig	3.88	+9.5
10355	AAA	Pulse Waveform (200 Hz, 60%)	GenSig	2.22	+9.5
10358	AAA	Pulse Waveform (200 Hz, 80%)	GenSig	1.87	+9.5
10367	AAA	QPSK Waveform, 1MHz	GenSig	5.10	+9.8
10368	AAA	QPSK Waveform, 10MHz	GenSig	3.25	+9.8
10369	AAA	64-QAM Waveform, 10MHz	GenSig	3.27	+9.8
10369	AAA	64-QAM Waveform, 40MHz	GenSig	6.27	+9.8
10400	AAA	LL-LTTE 1Toc W/F 20MHz, 64-QAM, 99ps/dt	WLAN	3.87	+9.6
10401	AAA	LL-LTTE 1Toc W/F 40MHz, 64-QAM, 99ps/dt	WLAN	3.60	+9.6
10402	AAA	LL-LTTE 1Toc W/F 80MHz, 64-QAM, 99ps/dt	WLAN	3.38	+9.6
10403	AAA	CDMA2000 1xEV-DC, Rev. 0	CDMA2000	3.76	+9.6
10404	AAA	CDMA2000 1xEV-DC, Rev. A	CDMA2000	3.77	+9.6
10406	AAA	CDMA2000 1XCS-SIOCS, RCHS, Full Rate	CDMA2000	3.22	+9.6
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL, SFR=3.4, 7.0)	LTE-TDD	7.39	+9.6
10414	AAA	WLAN QOFDM, 64-QAM, 40 MHz	GenSig	3.54	+9.6
10415	AAA	IEEE 802.11n W/F 2.4GHz (DSSS, 1Mbps, 99ps/dt)	WLAN	1.54	+9.6
10416	AAA	IEEE 802.11g W/F 2.4GHz (ERP-OFDM, 6Mbps, 99ps/dt)	WLAN	3.23	+9.6
10417	AAA	IEEE 802.11n W/F 5GHz (OFDM, 3Mbps, 99ps/dt)	WLAN	3.25	+9.6
10418	AAA	IEEE 802.11g W/F 2.4GHz (DSSS-OFDM, 3Mbps, 99ps, Long)	WLAN	3.14	+9.6
10419	AAA	IEEE 802.11g W/F 2.4GHz (DSSS-OFDM, 3Mbps, 99ps, Short)	WLAN	3.13	+9.6
10420	AAA	IEEE 802.11n W/F 5GHz (OFDM, 7.2Mbps, 99ps)	WLAN	3.23	+9.6
10421	AAA	IEEE 802.11n W/F 5GHz (OFDM, 15Mbps, 99ps)	WLAN	3.47	+9.6
10424	AAA	IEEE 802.11n W/F 5GHz (OFDM, 72Mbps, 99ps)	WLAN	6.40	+9.6
10425	AAA	IEEE 802.11n W/F 5GHz (OFDM, 15Mbps, 99ps)	WLAN	3.41	+9.6
10426	AAA	IEEE 802.11n W/F 5GHz (OFDM, 30Mbps, 99ps)	WLAN	3.45	+9.6
10427	AAA	IEEE 802.11n W/F 5GHz (OFDM, 150Mbps, 99ps)	WLAN	6.41	+9.6
10430	AAA	LTE-FDD (OFDMA, 5MHz, 1-TM3.1)	LTE-FDD	0.20	+9.6
10431	AAA	LTE-FDD (OFDMA, 10MHz, 1-TM3.1)	LTE-FDD	0.30	+9.6
10432	AAA	LTE-FDD (OFDMA, 15MHz, 1-TM3.1)	LTE-FDD	0.34	+9.6
10433	AAA	LTE-FDD (OFDMA, 20MHz, 1-TM3.1)	LTE-FDD	0.34	+9.6
10434	AAA	WCDMA (3G Test Model 1), 64-QAM	WCDMA	6.00	+9.6
10435	AAA	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Sub)	LTE-FDD	7.82	+9.6
10447	AAA	LTE-FDD (OFDMA, 5MHz, 1-TM3.1, Clipping 44%)	LTE-FDD	7.06	+9.6
10448	AAA	LTE-FDD (OFDMA, 10MHz, 1-TM3.1, Clipping 44%)	LTE-FDD	7.58	+9.6
10449	AAA	LTE-FDD (OFDMA, 15MHz, 1-TM3.1, Clipping 44%)	LTE-FDD	7.51	+9.6
10450	AAA	LTE-FDD (OFDMA, 20MHz, 1-TM3.1, Clipping 44%)	LTE-FDD	7.48	+9.6
10451	AAA	WCDMA (3G Test Model 1), 64-QAM, Clipping 44%	WCDMA	7.59	+9.6
10452	AAA	Validation (Square, 10ms, 10ms)	Test	10.00	+9.6
10455	AAA	IEEE 802.11a W/F 5GHz (OFDM, 64-QAM, 99ps/dt)	WLAN	3.89	+9.6
10457	AAA	UMTS FDD (DS-SSMA)	WCDMA	8.29	+9.6
10459	AAA	CDMA2000 1xEV-DO, Rev. 2, 2 carriers	CDMA2000	8.55	+9.6
10459	AAA	CDMA2000 1xEV-DO, Rev. 2, 3 carriers	CDMA2000	8.95	+9.6
10463	AAA	UMTS FDD (WCDMA, 64QAM)	WCDMA	2.38	+9.6
10461	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL, Sub)	LTE-TDD	7.82	+9.6
10462	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL, Sub)	LTE-TDD	8.80	+9.6
10463	AAA	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM, UL, Sub)	LTE-TDD	6.58	+9.6
10464	AAA	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL, Sub)	LTE-TDD	7.82	+9.6
10465	AAA	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL, Sub)	LTE-TDD	8.32	+9.6
10466	AAA	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL, Sub)	LTE-TDD	6.57	+9.6
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL, Sub)	LTE-TDD	7.82	+9.6
10468	AAA	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL, Sub)	LTE-TDD	8.32	+9.6
10468	AAA	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL, Sub)	LTE-TDD	6.58	+9.6
10470	AAA	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL, Sub)	LTE-TDD	7.82	+9.6
10471	AAA	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM, UL, Sub)	LTE-TDD	8.32	+9.6

EX3DV4 - SN.7541

July 22, 2022

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> k = 2
10472	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, 64-QAM, UL Sub)	TF-TDD	8.57	+5.6
10473	AA4	TF-TDD (SC-FDMA, 1 RB, 19 MHz, QPSK, UL Sub)	TF-TDD	7.82	+6.6
10474	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, 16-QAM, UL Sub)	TF-TDD	8.32	+5.6
10475	AA0	TF-TDD (SC-FDMA, 1 RB, 19 MHz, 64-QAM, UL Sub)	TF-TDD	8.57	+5.6
10477	AA0	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	+5.6
10478	AA0	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	+5.6
10479	AA0	LTE-TDD (SC-FDMA, 20% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	+5.6
10480	AA4	LTE-TDD (SC-FDMA, 20% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	+5.6
10481	AA4	LTE-TDD (SC-FDMA, 20% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	+5.6
10482	AA4	LTE-TDD (SC-FDMA, 20% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	+5.6
10483	AA4	LTE-TDD (SC-FDMA, 20% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	+5.6
10484	AA4	LTE-TDD (SC-FDMA, 20% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.77	+5.6
10485	AA4	LTE-TDD (SC-FDMA, 20% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.89	+5.6
10486	AA4	LTE-TDD (SC-FDMA, 20% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.50	+5.6
10487	AA0	LTE-TDD (SC-FDMA, 20% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.80	+5.6
10488	AA0	LTE-TDD (SC-FDMA, 20% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	+5.6
10489	AA0	LTE-TDD (SC-FDMA, 20% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	+5.6
10490	AA0	LTE-TDD (SC-FDMA, 20% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.64	+5.6
10491	AA0	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	+5.6
10492	AA0	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	+5.6
10493	AA0	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.88	+5.6
10494	AA0	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	+5.6
10495	AA0	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.57	+5.6
10496	AA0	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	+5.6
10497	AA0	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.87	+5.6
10498	AA0	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	+5.6
10499	AA0	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	9.00	+5.6
10500	AA0	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.87	+5.6
10501	AA0	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	+5.6
10502	AA0	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	+5.6
10503	AA0	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	+5.6
10504	AA0	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	+5.6
10505	AA0	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	+5.6
10506	AA0	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.72	+5.6
10507	AA0	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.39	+5.6
10508	AA0	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	+5.6
10509	AA0	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	+5.6
10510	AA0	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	+5.6
10511	AA0	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.81	+5.6
10512	AA0	TF-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	+5.6
10513	AA0	TF-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.48	+5.6
10514	AA0	TF-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.80	+5.6
10515	AA0	IEEE 802.11b WiFi (2.4 GHz) (DSSS, 2 Mbps, 80% cca)	WLAN	1.62	+5.6
10516	AA0	IEEE 802.11b WiFi (2.4 GHz) (DSSS, 5.5 Mbps, 80% cca)	WLAN	1.67	+5.6
10517	AA0	IEEE 802.11b WiFi (2.4 GHz) (DSSS, 11 Mbps, 80% cca)	WLAN	1.58	+5.6
10518	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 3 Mbps, 80% cca)	WLAN	8.82	+5.6
10519	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 6 Mbps, 80% cca)	WLAN	8.12	+5.6
10520	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 18 Mbps, 80% cca)	WLAN	7.87	+5.6
10521	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 24 Mbps, 80% cca)	WLAN	9.65	+5.6
10522	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 36 Mbps, 80% cca)	WLAN	9.65	+5.6
10523	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 48 Mbps, 80% cca)	WLAN	9.00	+5.6
10524	AA0	IEEE 802.11a WiFi (5 GHz) (OFDM, 54 Mbps, 80% cca)	WLAN	9.27	+5.6
10525	AA0	IEEE 802.11ac WiFi (20 MHz, MCS9, 90% cca)	WLAN	9.39	+5.6
10526	AA0	IEEE 802.11ac WiFi (20 MHz, MCS11, 90% cca)	WLAN	9.42	+5.6
10527	AA0	IEEE 802.11ac WiFi (20 MHz, MCS12, 90% cca)	WLAN	9.21	+5.6
10528	AA0	IEEE 802.11ac WiFi (20 MHz, MCS13, 90% cca)	WLAN	8.35	+5.6
10529	AA0	IEEE 802.11ac WiFi (20 MHz, MCS4, 90% cca)	WLAN	8.26	+5.6
10530	AA0	IEEE 802.11ac WiFi (20 MHz, MCS6, 90% cca)	WLAN	8.43	+5.6
10531	AA0	IEEE 802.11ac WiFi (20 MHz, MCS7, 90% cca)	WLAN	8.38	+5.6
10532	AA0	IEEE 802.11ac WiFi (20 MHz, MCS8, 90% cca)	WLAN	8.38	+5.6
10533	AA0	IEEE 802.11ac WiFi (40 MHz, MCS9, 90% cca)	WLAN	8.48	+5.6
10534	AA0	IEEE 802.11ac WiFi (40 MHz, MCS10, 90% cca)	WLAN	8.45	+5.6
10535	AA0	IEEE 802.11ac WiFi (40 MHz, MCS11, 90% cca)	WLAN	8.46	+5.6
10536	AA0	IEEE 802.11ac WiFi (40 MHz, MCS12, 90% cca)	WLAN	8.85	+5.6
10537	AA0	IEEE 802.11ac WiFi (40 MHz, MCS13, 90% cca)	WLAN	8.44	+5.6
10538	AA0	IEEE 802.11ac WiFi (40 MHz, MCS4, 90% cca)	WLAN	8.54	+5.6
10539	AA0	IEEE 802.11ac WiFi (40 MHz, MCS6, 90% cca)	WLAN	8.39	+5.6

EX3DV4-SN7541

July 22, 2023

UID	Rev	Communication System Name	Group	FAR(dB)	UplF. fl.=2
13541	AAA	IEEE 802.11ac WiFi (40MHz, MCS7, 80psd)	WLAN	8.46	-8.0
13542	AAA	IEEE 802.11ac WiFi (40MHz, MCS8, 80psd)	WLAN	8.60	-8.0
13543	AAA	IEEE 802.11ac WiFi (40MHz, MCS9, 80psd)	WLAN	8.64	-8.0
13544	AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 80psd)	WLAN	8.47	-8.0
13545	AAA	IEEE 802.11ac WiFi (80MHz, MCS1, 80psd)	WLAN	8.55	-8.0
13546	AAA	IEEE 802.11ac WiFi (80MHz, MCS2, 80psd)	WLAN	8.35	-8.0
13547	AAA	IEEE 802.11ac WiFi (80MHz, MCS3, 80psd)	WLAN	8.49	-8.0
13548	AAA	IEEE 802.11ac WiFi (80MHz, MCS4, 80psd)	WLAN	8.37	-8.0
13549	AAA	IEEE 802.11ac WiFi (80MHz, MCS5, 80psd)	WLAN	8.38	-8.0
13550	AAA	IEEE 802.11ac WiFi (80MHz, MCS6, 80psd)	WLAN	8.50	-8.0
13551	AAA	IEEE 802.11ac WiFi (80MHz, MCS7, 80psd)	WLAN	8.47	-8.0
13552	AAA	IEEE 802.11ac WiFi (80MHz, MCS8, 80psd)	WLAN	8.47	-8.0
13553	AAA	IEEE 802.11ac WiFi (80MHz, MCS9, 80psd)	WLAN	8.45	-8.0
13554	AAA	IEEE 802.11ac WiFi (160MHz, MCS1, 80psd)	WLAN	8.48	-8.0
13555	AAA	IEEE 802.11ac WiFi (160MHz, MCS2, 80psd)	WLAN	8.47	-8.0
13556	AAA	IEEE 802.11ac WiFi (160MHz, MCS3, 80psd)	WLAN	8.50	-8.0
13557	AAA	IEEE 802.11ac WiFi (160MHz, MCS4, 80psd)	WLAN	8.57	-8.0
13558	AAA	IEEE 802.11ac WiFi (160MHz, MCS5, 80psd)	WLAN	8.73	-8.0
13559	AAA	IEEE 802.11ac WiFi (160MHz, MCS6, 80psd)	WLAN	8.70	-8.0
13560	AAA	IEEE 802.11ac WiFi (160MHz, MCS7, 80psd)	WLAN	8.69	-8.0
13561	AAA	IEEE 802.11ac WiFi (160MHz, MCS8, 80psd)	WLAN	8.77	-8.0
13562	AAA	IEEE 802.11ac WiFi (160MHz, MCS9, 80psd)	WLAN	8.77	-8.0
13563	AAA	IEEE 802.11ac WiFi (2.4GHz, DSSS-OFDM, 3Mbps, 30psd)	WLAN	8.23	-8.0
13564	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 12Mbps, 30psd)	WLAN	8.45	-8.0
13565	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 18Mbps, 30psd)	WLAN	8.13	-8.0
13566	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 24Mbps, 30psd)	WLAN	8.30	-8.0
13567	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 30Mbps, 30psd)	WLAN	8.37	-8.0
13568	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 36Mbps, 30psd)	WLAN	8.10	-8.0
13569	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 48Mbps, 30psd)	WLAN	8.30	-8.0
13570	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS, 1Mbps, 30psd)	WLAN	1.03	-8.0
13571	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS, 2Mbps, 30psd)	WLAN	1.83	-8.0
13572	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS, 3Mbps, 30psd)	WLAN	1.84	-8.0
13573	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS, 4Mbps, 30psd)	WLAN	1.84	-8.0
13574	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS, 5Mbps, 30psd)	WLAN	1.84	-8.0
13575	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 6Mbps, 30psd)	WLAN	8.59	-8.0
13576	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 9Mbps, 30psd)	WLAN	8.66	-8.0
13577	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 12Mbps, 30psd)	WLAN	8.76	-8.0
13578	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 18Mbps, 30psd)	WLAN	8.48	-8.0
13579	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 24Mbps, 30psd)	WLAN	8.56	-8.0
13580	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 30Mbps, 30psd)	WLAN	8.76	-8.0
13581	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 36Mbps, 30psd)	WLAN	8.65	-8.0
13582	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 48Mbps, 30psd)	WLAN	8.67	-8.0
13583	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 3Mbps, 30psd)	WLAN	8.58	-8.0
13584	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps, 30psd)	WLAN	8.00	-8.0
13585	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps, 30psd)	WLAN	8.70	-8.0
13586	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps, 30psd)	WLAN	8.29	-8.0
13587	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps, 30psd)	WLAN	8.36	-8.0
13588	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 30Mbps, 30psd)	WLAN	8.76	-8.0
13589	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps, 30psd)	WLAN	8.35	-8.0
13590	AAA	IEEE 802.11a WiFi 5GHz (OFDM, 64Mbps, 30psd)	WLAN	8.37	-8.0
13591	AAA	IEEE 802.11n HT Mixed 20MHz, MCS0, 30psd)	WLAN	8.53	-8.0
13592	AAA	IEEE 802.11n HT Mixed 20MHz, MCS1, 30psd)	WLAN	8.73	-8.0
13593	AAA	IEEE 802.11n HT Mixed 20MHz, MCS2, 30psd)	WLAN	8.84	-8.0
13594	AAA	IEEE 802.11n HT Mixed 20MHz, MCS3, 30psd)	WLAN	8.74	-8.0
13595	AAA	IEEE 802.11n HT Mixed 20MHz, MCS4, 30psd)	WLAN	8.74	-8.0
13596	AAA	IEEE 802.11n HT Mixed 20MHz, MCS5, 30psd)	WLAN	8.77	-8.0
13597	AAA	IEEE 802.11n HT Mixed 20MHz, MCS6, 30psd)	WLAN	8.72	-8.0
13598	AAA	IEEE 802.11n HT Mixed 20MHz, MCS7, 30psd)	WLAN	8.50	-8.0
13599	AAA	IEEE 802.11n HT Mixed 20MHz, MCS8, 30psd)	WLAN	8.78	-8.0
13600	AAA	IEEE 802.11n HT Mixed 20MHz, MCS9, 30psd)	WLAN	8.68	-8.0
13601	AAA	IEEE 802.11n HT Mixed 40MHz, MCS1, 30psd)	WLAN	8.62	-8.0
13602	AAA	IEEE 802.11n HT Mixed 40MHz, MCS2, 30psd)	WLAN	8.84	-8.0
13603	AAA	IEEE 802.11n HT Mixed 40MHz, MCS3, 30psd)	WLAN	8.03	-8.0
13604	AAA	IEEE 802.11n HT Mixed 40MHz, MCS4, 30psd)	WLAN	8.73	-8.0
13605	AAA	IEEE 802.11n HT Mixed 40MHz, MCS5, 30psd)	WLAN	8.77	-8.0
13606	AAA	IEEE 802.11n HT Mixed 40MHz, MCS6, 30psd)	WLAN	8.73	-8.0
13607	AAA	IEEE 802.11n HT Mixed 40MHz, MCS7, 30psd)	WLAN	8.82	-8.0
13608	AAA	IEEE 802.11n HT Mixed 40MHz, MCS8, 30psd)	WLAN	8.84	-8.0
13609	AAA	IEEE 802.11n HT Mixed 40MHz, MCS9, 30psd)	WLAN	8.77	-8.0



EX3DW4-SN7541

July 22, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>1</sup> #=2
10810	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 80ps/dt)	WLAN	8.57	+9.6
10811	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 80ps/dt)	WLAN	8.73	+9.6
10812	AAC	IEEE 802.11ac WiFi (20 MHz, MCS10, 80ps/dt)	WLAN	8.70	+9.6
10813	AAC	IEEE 802.11ac WiFi (20 MHz, MCS11, 80ps/dt)	WLAN	8.77	+9.6
10814	AAC	IEEE 802.11ac WiFi (20 MHz, MCS12, 80ps/dt)	WLAN	8.89	+9.6
10815	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 80ps/dt)	WLAN	8.82	+9.6
10816	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 80ps/dt)	WLAN	8.82	+9.6
10817	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 80ps/dt)	WLAN	8.87	+9.6
10818	AAC	IEEE 802.11ac WiFi (20 MHz, MCS3, 80ps/dt)	WLAN	8.88	+9.6
10819	AAC	IEEE 802.11ac WiFi (20 MHz, MCS4, 80ps/dt)	WLAN	8.88	+9.6
10820	AAC	IEEE 802.11ac WiFi (20 MHz, MCS5, 80ps/dt)	WLAN	8.87	+9.6
10821	AAC	IEEE 802.11ac WiFi (20 MHz, MCS6, 80ps/dt)	WLAN	8.77	+9.6
10822	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 80ps/dt)	WLAN	8.86	+9.6
10823	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 80ps/dt)	WLAN	8.82	+9.6
10824	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 80ps/dt)	WLAN	8.96	+9.6
10825	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 80ps/dt)	WLAN	8.96	+9.6
10826	AAC	IEEE 802.11ac WiFi (40 MHz, MCS10, 80ps/dt)	WLAN	8.88	+9.6
10827	AAC	IEEE 802.11ac WiFi (40 MHz, MCS11, 80ps/dt)	WLAN	8.88	+9.6
10828	AAC	IEEE 802.11ac WiFi (40 MHz, MCS12, 80ps/dt)	WLAN	8.71	+9.6
10829	AAC	IEEE 802.11ac WiFi (80 MHz, MCS8, 80ps/dt)	WLAN	8.87	+9.6
10830	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 80ps/dt)	WLAN	8.72	+9.6
10831	AAC	IEEE 802.11ac WiFi (80 MHz, MCS10, 80ps/dt)	WLAN	8.81	+9.6
10832	AAC	IEEE 802.11ac WiFi (80 MHz, MCS11, 80ps/dt)	WLAN	8.74	+9.6
10833	AAC	IEEE 802.11ac WiFi (80 MHz, MCS12, 80ps/dt)	WLAN	8.85	+9.6
10834	AAC	IEEE 802.11ac WiFi (80 MHz, MCS0, 80ps/dt)	WLAN	9.03	+9.6
10835	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 80ps/dt)	WLAN	9.01	+9.6
10836	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 80ps/dt)	WLAN	8.93	+9.6
10837	AAC	IEEE 802.11ac WiFi (100 MHz, MCS1, 80ps/dt)	WLAN	8.79	+9.6
10838	AAC	IEEE 802.11ac WiFi (100 MHz, MCS2, 80ps/dt)	WLAN	8.80	+9.6
10839	AAC	IEEE 802.11ac WiFi (100 MHz, MCS3, 80ps/dt)	WLAN	8.85	+9.6
10840	AAC	IEEE 802.11ac WiFi (100 MHz, MCS4, 80ps/dt)	WLAN	8.88	+9.6
10841	AAC	IEEE 802.11ac WiFi (100 MHz, MCS5, 80ps/dt)	WLAN	8.96	+9.6
10842	AAC	IEEE 802.11ac WiFi (100 MHz, MCS6, 80ps/dt)	WLAN	8.96	+9.6
10843	AAC	IEEE 802.11ac WiFi (100 MHz, MCS7, 80ps/dt)	WLAN	8.88	+9.6
10844	AAC	IEEE 802.11ac WiFi (100 MHz, MCS8, 80ps/dt)	WLAN	8.96	+9.6
10845	AAC	IEEE 802.11ac WiFi (100 MHz, MCS9, 80ps/dt)	WLAN	8.71	+9.6
10846	AAC	IEEE 802.11ac WiFi (100 MHz, MCS10, 80ps/dt)	WLAN	8.71	+9.6
10847	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub-2.7)	LTE-TDD	11.96	+9.6
10848	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, DL Sub-2.7)	LTE-TDD	11.96	+9.6
10849	AAC	CDMA2000 (1x Aovercd)	CDMA2000	8.45	+9.6
10850	AAC	LTE-TDD (OFDMA, 6 MHz, E-TM 3.1, CQing 44%)	LTE-TDD	6.91	+9.6
10851	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, CQing 44%)	LTE-TDD	7.42	+9.6
10852	AAC	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, CQing 44%)	LTE-TDD	8.06	+9.6
10853	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, CQing 44%)	LTE-TDD	7.21	+9.6
10854	AAC	Pulse Waveform (300 Hz, 10%)	Test	10.00	+9.6
10855	AAC	Pulse Waveform (300 Hz, 20%)	Test	3.99	+9.6
10856	AAC	Pulse Waveform (300 Hz, 40%)	Test	3.99	+9.6
10857	AAC	Pulse Waveform (300 Hz, 60%)	Test	3.22	+9.6
10858	AAC	Pulse Waveform (300 Hz, 80%)	Test	3.97	+9.6
10859	AAC	Bluetooth Low Energy	Bluetooth	2.18	+9.6
10860	AAC	IEEE 802.11ax (20 MHz, MCS0, 80ps/dt)	WLAN	9.09	+9.6
10861	AAC	IEEE 802.11ax (20 MHz, MCS1, 80ps/dt)	WLAN	8.57	+9.6
10862	AAC	IEEE 802.11ax (20 MHz, MCS2, 80ps/dt)	WLAN	8.78	+9.6
10863	AAC	IEEE 802.11ax (20 MHz, MCS3, 80ps/dt)	WLAN	8.74	+9.6
10864	AAC	IEEE 802.11ax (20 MHz, MCS4, 80ps/dt)	WLAN	8.90	+9.6
10865	AAC	IEEE 802.11ax (20 MHz, MCS5, 80ps/dt)	WLAN	8.77	+9.6
10866	AAC	IEEE 802.11ax (20 MHz, MCS6, 80ps/dt)	WLAN	8.72	+9.6
10867	AAC	IEEE 802.11ax (20 MHz, MCS7, 80ps/dt)	WLAN	8.78	+9.6
10868	AAC	IEEE 802.11ax (20 MHz, MCS8, 80ps/dt)	WLAN	8.88	+9.6
10869	AAC	IEEE 802.11ax (20 MHz, MCS9, 80ps/dt)	WLAN	8.86	+9.6
10870	AAC	IEEE 802.11ax (20 MHz, MCS10, 80ps/dt)	WLAN	8.82	+9.6
10871	AAC	IEEE 802.11ax (20 MHz, MCS11, 80ps/dt)	WLAN	8.82	+9.6
10872	AAC	IEEE 802.11ax (20 MHz, MCS12, 80ps/dt)	WLAN	8.82	+9.6
10873	AAC	IEEE 802.11ax (20 MHz, MCS13, 80ps/dt)	WLAN	8.88	+9.6
10874	AAC	IEEE 802.11ax (20 MHz, MCS14, 80ps/dt)	WLAN	8.88	+9.6
10875	AAC	IEEE 802.11ax (20 MHz, MCS15, 80ps/dt)	WLAN	8.88	+9.6
10876	AAC	IEEE 802.11ax (20 MHz, MCS16, 80ps/dt)	WLAN	8.88	+9.6
10877	AAC	IEEE 802.11ax (20 MHz, MCS17, 80ps/dt)	WLAN	8.88	+9.6
10878	AAC	IEEE 802.11ax (20 MHz, MCS18, 80ps/dt)	WLAN	8.88	+9.6
10879	AAC	IEEE 802.11ax (20 MHz, MCS19, 80ps/dt)	WLAN	8.88	+9.6
10880	AAC	IEEE 802.11ax (20 MHz, MCS20, 80ps/dt)	WLAN	8.88	+9.6
10881	AAC	IEEE 802.11ax (20 MHz, MCS21, 80ps/dt)	WLAN	8.88	+9.6
10882	AAC	IEEE 802.11ax (20 MHz, MCS22, 80ps/dt)	WLAN	8.88	+9.6
10883	AAC	IEEE 802.11ax (20 MHz, MCS23, 80ps/dt)	WLAN	8.88	+9.6
10884	AAC	IEEE 802.11ax (20 MHz, MCS24, 80ps/dt)	WLAN	8.88	+9.6
10885	AAC	IEEE 802.11ax (20 MHz, MCS25, 80ps/dt)	WLAN	8.88	+9.6
10886	AAC	IEEE 802.11ax (20 MHz, MCS26, 80ps/dt)	WLAN	8.88	+9.6
10887	AAC	IEEE 802.11ax (20 MHz, MCS27, 80ps/dt)	WLAN	8.88	+9.6
10888	AAC	IEEE 802.11ax (20 MHz, MCS28, 80ps/dt)	WLAN	8.88	+9.6

Derivative No: EX-7541-Jul22

Page 377 of 382

EX30W4 SN.7541

July 22, 2022

UID	Raw	Communication System Name	Group	PAR (dB)	Unc <sup>0</sup> k = 2
10387	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.45	-9.3
10389	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.23	-9.5
10394	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.55	-9.3
10390	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.33	-9.5
10391	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.25	-9.5
10392	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.23	-9.5
10393	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.25	-9.5
10394	AAF	IEEE 802.11ax (20 MHz, MCS9, 866c d)	WLAN	8.57	-9.3
10395	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.78	-9.0
10395	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.51	-9.0
10397	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.8	-8.8
10398	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10399	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10400	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10401	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10402	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10403	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10404	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10405	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10406	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10407	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10408	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10409	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10410	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10411	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10412	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10413	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10414	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10415	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10416	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10417	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10418	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10419	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10420	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10421	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10422	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10423	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10424	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10425	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10426	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10427	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10428	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10429	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10430	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10431	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10432	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10433	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10434	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10435	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10436	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10437	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10438	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10439	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10440	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10441	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10442	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10443	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10444	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10445	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10446	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10447	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10448	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10449	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10450	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10451	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0
10452	AAF	IEEE 802.11ax (40 MHz, MCS9, 866c d)	WLAN	8.25	-9.0



EX7541-SN(754)

July 22, 2023

UID	Rev	Communication System Name	Group	EMR (dB)	Unc <sup>±</sup> k = 2
10820	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 20 kHz)	5G NR FR1 TDD	6.30	-2.6
10821	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.03	-2.6
10822	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.73	-2.6
10823	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.73	-2.6
10824	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.73	-2.6
10825	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.73	-2.6
10826	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.73	-2.6
10827	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.66	-2.6
10828	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.66	-2.6
10829	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.70	-2.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.62	-2.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.71	-2.6
10832	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.69	-2.6
10833	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.24	-2.6
10834	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.44	-2.6
10835	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	-2.6
10836	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.26	-2.6
10837	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.26	-2.6
10838	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.26	-2.6
10839	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.26	-2.6
10840	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.26	-2.6
10841	AAD	5G NR (CP-OFDM, 100% RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.26	-2.6
10842	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.27	-2.6
10843	AAD	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.27	-2.6
10844	AAD	5G NR (CP-OFDM, 100% RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.27	-2.6
10845	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10846	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10847	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10848	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10849	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10850	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10851	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10852	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10853	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10854	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10855	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10856	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10857	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10858	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10859	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10860	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10861	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10862	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10863	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10864	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10865	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10866	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10867	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10868	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10869	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10870	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10871	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10872	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10873	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10874	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10875	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10876	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10878	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10880	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10881	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10882	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10883	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10884	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10885	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10886	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10887	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10888	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10890	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10892	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10893	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10894	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10895	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10896	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10897	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10898	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10899	AAD	5G NR (CP-OFDM, 1 RB, 120MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6
10900	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	6.68	-2.6

EX30V1 - S/N:7511

July 25, 2023

UID	Rev	Communication System Name	Group	FAR (dB)	Unc <sup>1</sup> k = 2
10811	AAD	5G NR (DFPS-OFDM) 50% RB, 25MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.83	-9.0
10813	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10813	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10814	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.85	-9.0
10815	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.85	-9.0
10816	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.87	-9.0
10817	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10818	AAD	5G NR (DFPS-OFDM) 100% RB, 6MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.86	-9.0
10818	AAD	5G NR (DFPS-OFDM) 100% RB, 10MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.85	-9.0
10820	AAD	5G NR (DFPS-OFDM) 100% RB, 15MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.87	-9.0
10821	AAD	5G NR (DFPS-OFDM) 100% RB, 20MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10822	AAD	5G NR (DFPS-OFDM) 100% RB, 25MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.82	-9.0
10823	AAD	5G NR (DFPS-OFDM) 100% RB, 30MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10824	AAD	5G NR (DFPS-OFDM) 100% RB, 40MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10825	AAD	5G NR (DFPS-OFDM) 100% RB, 50MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.85	-9.0
10826	AAD	5G NR (DFPS-OFDM) 100% RB, 60MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10827	AAD	5G NR (DFPS-OFDM) 100% RB, 80MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.84	-9.0
10828	AAD	5G NR (DFPS-OFDM) 1 RB, 2MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10829	AAD	5G NR (DFPS-OFDM) 1 RB, 3MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10830	AAD	5G NR (DFPS-OFDM) 1 RB, 4MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10831	AAD	5G NR (DFPS-OFDM) 1 RB, 5MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.81	-9.0
10832	AAD	5G NR (DFPS-OFDM) 1 RB, 6MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.81	-9.0
10833	AAD	5G NR (DFPS-OFDM) 1 RB, 8MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.81	-9.0
10834	AAD	5G NR (DFPS-OFDM) 1 RB, 10MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.81	-9.0
10835	AAD	5G NR (DFPS-OFDM) 50% RB, 5MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.80	-9.0
10836	AAD	5G NR (DFPS-OFDM) 50% RB, 10MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.77	-9.0
10837	AAD	5G NR (DFPS-OFDM) 50% RB, 15MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.80	-9.0
10838	AAD	5G NR (DFPS-OFDM) 50% RB, 20MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.82	-9.0
10839	AAD	5G NR (DFPS-OFDM) 50% RB, 25MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.82	-9.0
10840	AAD	5G NR (DFPS-OFDM) 50% RB, 30MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.83	-9.0
10841	AAD	5G NR (DFPS-OFDM) 50% RB, 40MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.85	-9.0
10842	AAD	5G NR (DFPS-OFDM) 50% RB, 50MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.8	-9.0
10843	AAD	5G NR (DFPS-OFDM) 100% RB, 10MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10844	AAD	5G NR (DFPS-OFDM) 100% RB, 20MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.87	-9.0
10845	AAD	5G NR (DFPS-OFDM) 100% RB, 30MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.87	-9.0
10846	AAD	5G NR (DFPS-OFDM) 100% RB, 40MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.84	-9.0
10847	AAD	5G NR (DFPS-OFDM) 100% RB, 50MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10848	AAD	5G NR (DFPS-OFDM) 100% RB, 60MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10849	AAD	5G NR (DFPS-OFDM) 100% RB, 80MHz, QPSK, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10850	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.85	-9.0
10851	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10852	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10853	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10854	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10855	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10856	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10857	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10858	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10859	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10860	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10861	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10862	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10863	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10864	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10865	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10866	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10867	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10868	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10869	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10870	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10871	AAD	5G NR DL (CP-OFDM) TM 3, 1.5MHz, 64-QAM, 15 kHz	5G NR FR1 FDD	5.82	-9.0
10872	AAD	5G NR (DFPS-OFDM) 1 RB, 20MHz, QPSK, 15 kHz	5G NR FR1 TDD	5.82	-9.0
10873	AAD	5G NR (DFPS-OFDM) 1 RB, 100MHz, QPSK, 30 kHz	5G NR FR1 TDD	5.85	-9.0
10874	AAD	5G NR (CP-OFDM) 100% RB, 100MHz, 256-QAM, 30 kHz	5G NR FR1 FDD	10.28	-9.0
10875	AAA	U.L.A. R75	U.L.A.	5.82	-9.0
10876	AAA	U.L.A. R76	U.L.A.	5.82	-9.0
10877	AAA	U.L.A. R77	U.L.A.	5.82	-9.0
10878	AAA	U.L.A. R78	U.L.A.	5.82	-9.0

EX30M4 - S/N:7541

July 25, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> W = 2
10983	AAW	5G NR DL (CP-OFDM) TM S.1, 40 MHz, 64-QAM, 15 kbps	5G NR FR1 TDD	5.21	-9.6
10984	AAA	5G NR DL (CP-OFDM) TM S.1, 50 MHz, 64-QAM, 15 kbps	5G NR FR1 TDD	5.22	-9.6
10985	AAW	5G NR DL (CP-OFDM) TM S.1, 40 MHz, 64-QAM, 30 kbps	5G NR FR1 TDD	5.24	-9.6
10986	AAW	5G NR DL (CP-OFDM) TM S.1, 50 MHz, 64-QAM, 30 kbps	5G NR FR1 TDD	5.29	-9.6
10987	AAA	5G NR DL (CP-OFDM) TM S.1, 60 MHz, 64-QAM, 30 kbps	5G NR FR1 TDD	5.22	-9.6
10988	AAA	5G NR DL (CP-OFDM) TM S.1, 70 MHz, 64-QAM, 30 kbps	5G NR FR1 TDD	5.29	-9.6
10989	AAW	5G NR DL (CP-OFDM) TM S.1, 80 MHz, 64-QAM, 30 kbps	5G NR FR1 TDD	5.29	-9.6
10990	AAA	5G NR DL (CP-OFDM) TM S.1, 80 MHz, 64-QAM, 30 kbps	5G NR FR1 TDD	5.22	-9.6

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



**Appendix A.3 Probe Calibration certificate (EX3DV4 SN7770)**

**Calibration Laboratory of**  
**Schmid & Partner**  
**Engineering AG**  
 Zeughausstrasse 45, 8004 Zurich, Switzerland



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

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

Accreditation No.: **SCS 0108**

Client: **Eurofins KCTL (Dymstec)**

Certificate No. **EX-7770\_Nov22**

**CALIBRATION CERTIFICATE**

Object: **EX3DV4 - SN:7770**

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

Calibration date: **November 18, 2022**



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

All calibrations have been conducted in the closed laboratory facility: environment temperature (22 ± 3) °C and humidity < 70%.

Calibration Equipment used (M&PE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	04-Apr-22 (No. 217-03525/03524)	Apr-23
Power sensor NRP 291	SN: 103244	04-Apr-22 (No. 217-03524)	Apr-23
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP DAKS 5-1249_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator DAF4	SN: CG2552 (20x)	04-Apr-22 (No. 217-03527)	Apr-23
DAF4	SN: 600	10-Oct-22 (No. DME4-600_Oct22)	Oct-23
Reference Probe ES3DV2	SN: 3013	27-Dec-21 (No. ES3-3013_Dec21)	Dec-22

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor F44 12A	SN: MY41490007	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8640C	SN: US36421011700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41060477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

	Name	Function	Signature
Calibrated by	Jaxon Kaspritt	Laboratory Technician	
Approved by	Evan Kohn	Technical Manager	

Issued: November 18, 2022

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

**Calibration Laboratory of  
 Schmid & Partner  
 Engineering AG**

Zughausstrasse 43, 8504 Zurich, Switzerland



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

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

Accreditation No.: **SCS 0108**

**Glossary**

TSL	tissue simulating liquid
NORM <sub>x,y,z</sub>	sensitivity in free space
ConvF	sensitivity in TSL / NORM <sub>x,y,z</sub>
DCP	diode compression point
CF	crest factor (1/duty_cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization $\phi$	$\phi$ rotation around probe axis
Polarization $\theta$	$\theta$ rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., $\theta = 0$ is normal to probe axis
Connector Angle	Information used in DASY system to align probe sensor X to the robot coordinate system

**Calibration is Performed According to the Following Standards:**

- IEC(IEEE 62209-1526), "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1526: Human Models, Instrumentation And Procedures (Frequency Range of 1 MHz to 10 GHz)", October 2020.
- KDB 805664, "SAR Measurement Requirements for 100MHz to 6 GHz"

**Methods Applied and Interpretation of Parameters:**

- NORM<sub>x,y,z</sub>**: Assessed for E-field polarization  $\delta = 0$  ( $f \leq 900$  MHz in TEM-cell,  $f > 1900$  MHz; R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM<sub>(ix,y,z) = NORM<sub>x,y,z</sub> \* frequency response</sub>** (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<sub>x,y,z</sub>**: 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 out determined based on the signal characteristics.
- A<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>; 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 fat phantom using E-field (at Temperature Transfer Standard for  $f \leq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (along, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORM<sub>x,y,z</sub> \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  MHz.
- Spherical Isotropy (3D deviation from isotropy)** in a field of low gradients realized using a fat phantom exposed by a patch antenna.
- Sensor Offset**: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle**: The angle is assessed using the information gained by determining the NORM<sub>x</sub> (no uncertainty required).



EX3DV4 - SN:7770

November 18, 2022

**Parameters of Probe: EX3DV4 - SN:7770**

**Basic Calibration Parameters**

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

**Calibration Results for Modulation Response**

UID	Communication System Name		A dB	B dB $\sqrt{\mu\text{V}}$	C	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	160.9	$\pm 3.0\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		145.8		
		Z	0.00	0.00	1.00		150.1		
10352	Pulse Waveform (200Hz, 10%)	X	1.67	61.18	6.50	10.00	60.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	12.00	74.00	11.00		60.0		
		Z	1.37	60.00	5.94		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.80	60.00	4.68	6.99	80.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	20.00	74.00	9.00		80.0		
		Z	0.79	60.00	4.67		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	0.00	125.32	0.19	3.98	95.0	$\pm 2.5\%$	$\pm 9.6\%$
		Y	0.08	136.08	0.10		95.0		
		Z	0.02	130.66	1.40		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	1.48	159.94	1.30	2.22	120.0	$\pm 1.5\%$	$\pm 9.6\%$
		Y	5.27	159.63	12.14		120.0		
		Z	0.62	159.92	1.08		120.0		
10387	QPSK Waveform, 1 MHz	X	0.39	62.75	11.67	1.00	150.0	$\pm 3.5\%$	$\pm 9.6\%$
		Y	0.57	65.48	13.71		150.0		
		Z	0.45	63.30	11.98		150.0		
10388	QPSK Waveform, 10 MHz	X	1.14	65.69	13.00	0.00	150.0	$\pm 0.8\%$	$\pm 9.6\%$
		Y	1.41	67.33	14.72		150.0		
		Z	1.25	65.95	13.58		150.0		
10396	64-QAM Waveform, 100 kHz	X	1.74	65.42	16.25	3.01	150.0	$\pm 1.4\%$	$\pm 9.6\%$
		Y	1.61	63.79	15.64		150.0		
		Z	1.56	63.64	15.73		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.65	66.42	15.01	0.00	150.0	$\pm 2.3\%$	$\pm 9.6\%$
		Y	2.83	66.63	15.37		150.0		
		Z	2.73	66.19	15.09		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.67	66.81	15.41	0.00	150.0	$\pm 3.6\%$	$\pm 9.6\%$
		Y	3.90	66.73	15.69		150.0		
		Z	3.81	66.52	15.53		150.0		

Note: For details on UID parameters see Appendix

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

<sup>A</sup> The uncertainties of Norm X, Y, Z do not affect the E<sup>2</sup> field uncertainty inside TSL (see Page 5 and 6).

<sup>B</sup> Linearization parameter uncertainty for maximum specified field strength.

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

EX3DV4 - SN:7770

November 18, 2022

**Parameters of Probe: EX3DV4 - SN:7770**

**Sensor Model Parameters**

	C1 fF	C2 fF	T0 V <sup>-1</sup>	T1 ms V <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
x	7.2	51.68	89.39	2.25	0.00	4.93	0.63	0.00	1.00
y	9.2	66.41	89.59	2.98	0.00	4.90	0.04	0.06	1.00
z	5.7	64.66	34.97	2.49	0.00	4.93	0.00	0.05	1.00

**Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle	-164.7°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.6 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

EX3DV4 - SN:7770

November 18, 2022

**Parameters of Probe: EX3DV4 - SN:7770**

**Calibration Parameter Determined in Head Tissue Simulating Media**

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

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

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

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

EX3DV4 - SN:7770

November 18, 2022

**Parameters of Probe: EX3DV4 - SN:7770**

**Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) <sup>D</sup>	Relative Permittivity <sup>E</sup>	Conductivity <sup>F</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>A</sup> (mm)	Unc. (k-2)
6500	34.5	6.07	4.90	4.90	4.90	0.20	2.50	±18.6%
7000	33.9	6.65	5.10	5.10	5.10	0.20	2.50	±18.6%

<sup>D</sup> Frequency validity at 6.5 GHz is ±0.01~700MHz, and 4.700MHz at or above 7GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

<sup>E</sup> At frequencies 6~10 GHz, the validity of tissue parameters (y and z) can be related to ±10%. If liquid immersion formula is applied to measured SAR values, the uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

<sup>G</sup> Alpha/Depth are determined during calibration. SPEAG warns (8.1%) the remaining deviation due to the boundary effect after compensation is always less than 11% for frequencies below 3 GHz; below 12% for frequencies between 3~6 GHz; and below ±4% for frequencies between 6~10 GHz at any distance larger than 1/3 the probe tip diameter from the boundary.

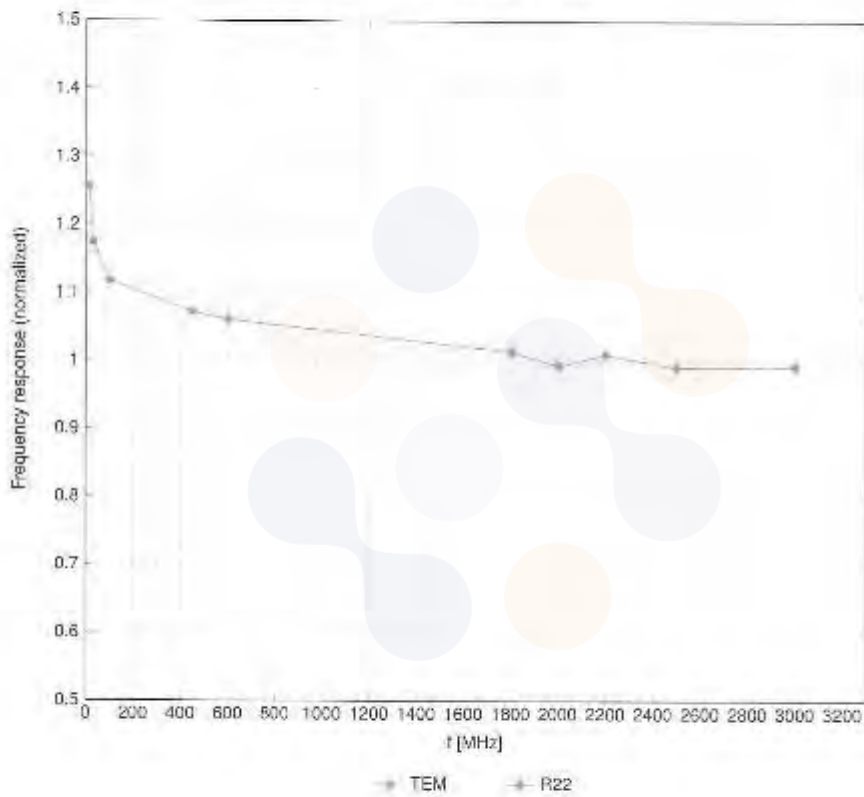


EX3DV4 - SN:7770

November 18, 2022

**Frequency Response of E-Field**

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

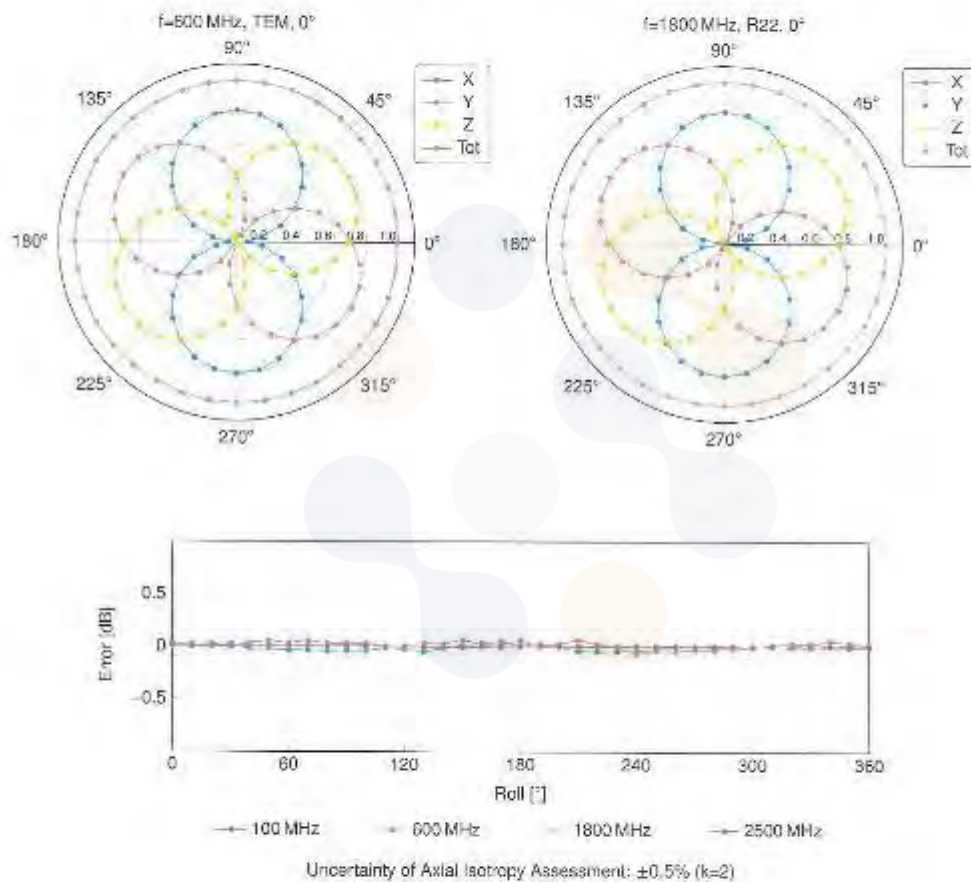


Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

EX3DV4 - SN:7770

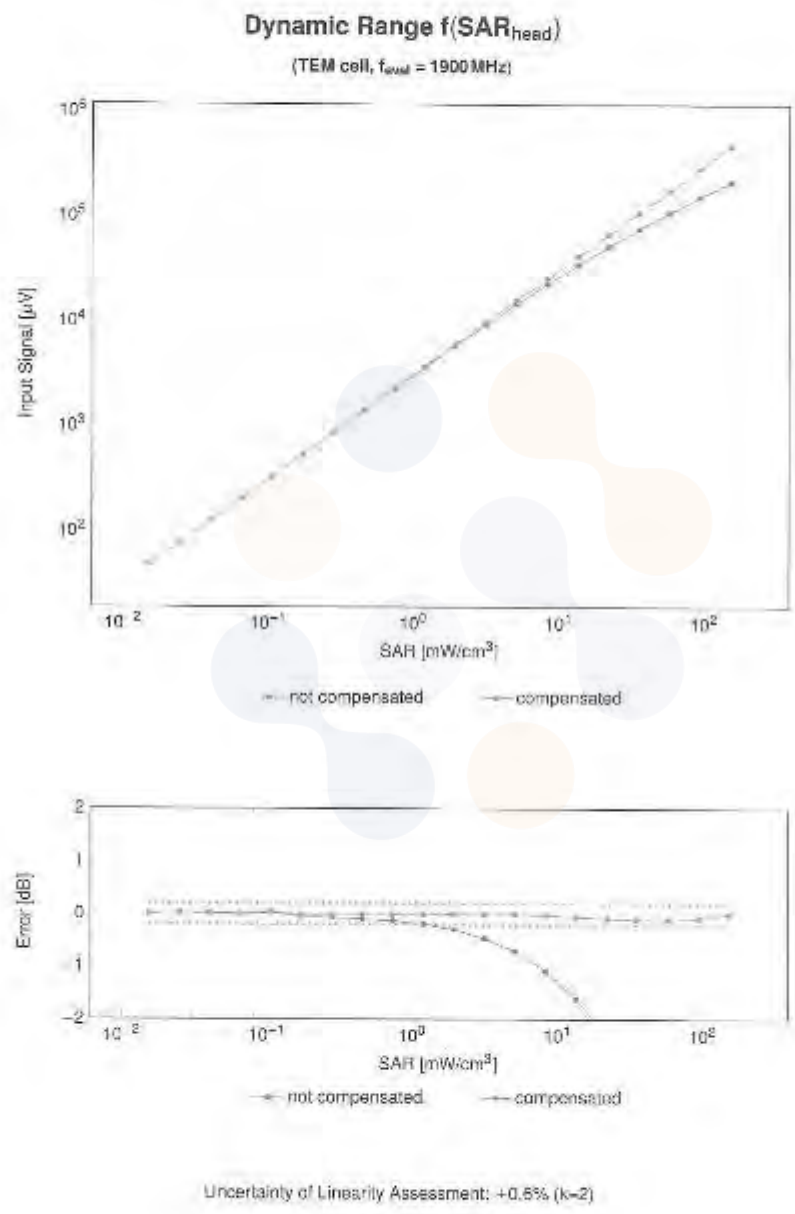
November 18, 2022

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



EX3DM4 - SN:7770

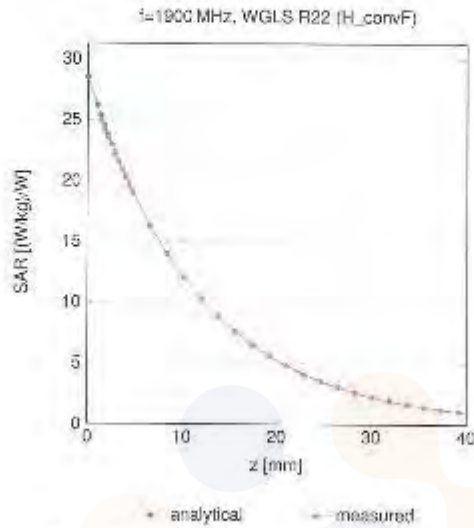
November 18, 2022



EX3D4 - SN.7770

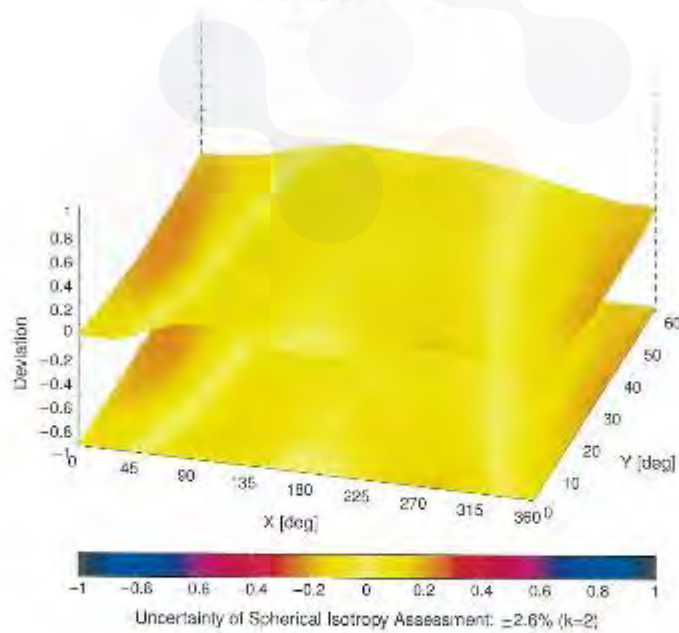
November 18, 2022

### Conversion Factor Assessment



### Deviation from Isotropy in Liquid

Error ( $\phi, \theta$ ),  $f = 900 \text{ MHz}$





EXSDM4 - SN:7770

November 18, 2022

**Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	FAR (dB)	Ume <sup>2</sup> (h) = 2
10000	0	ISW	ISW	1.00	+9.7
10010	DAB	DAB Vardcom ISQ102, 100ms, 10ms	Test	10.00	+9.6
10011	TAC	UMTS-FDD (WCDMA)	WCDMA	7.91	+9.5
10012	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps)	WLAN	7.87	+9.5
10013	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 6Mbps)	WLAN	9.48	+9.5
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.79	+9.5
10022	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	+9.5
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	9.56	+9.5
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.02	+9.5
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	+9.5
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	+9.5
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.25	+9.5
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.75	+9.5
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHS)	Bluetooth	3.30	+9.5
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHS)	Bluetooth	1.87	+9.5
10032	CAA	IEEE 802.15.1 Bluetooth (4-QPSK, DHS)	Bluetooth	1.16	+9.5
10033	CAA	IEEE 802.15.1 Bluetooth (16-QPSK, DHS)	Bluetooth	7.74	+9.5
10034	CAA	IEEE 802.15.1 Bluetooth (16-QPSK, DHS)	Bluetooth	4.65	+9.5
10035	CAA	IEEE 802.15.1 Bluetooth (16-QPSK, DHS)	Bluetooth	3.68	+9.5
10036	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DHS)	Bluetooth	8.01	+9.5
10037	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DHS)	Bluetooth	4.77	+9.5
10038	CAA	IEEE 802.15.1 Bluetooth (8-QPSK, DHS)	Bluetooth	4.10	+9.5
10039	CAB	CDMA2000 (1XRTT, RC1)	CDMA2000	4.57	+9.5
10042	CAB	IS-84 / IS-138 FDD (TDMA-FDM, P4-QPSK, HalfRate)	AMPS	7.78	+9.5
10044	CAA	IS-81/EWMA-SSS FDD (FDMA, PSK)	AMPS	0.00	+9.5
10046	CAA	DECT (TDD, TDMA-FDM, GFSK, Full Slot, 24)	DECT	13.80	+9.5
10049	CAA	DECT (TDD, TDMA-FDM, GFSK, Double Slot, 12)	DECT	10.78	+9.5
10056	CAA	UMTS-FDD (TS-SCDMA, 1.28Mcps)	TS-SCDMA	11.01	+9.5
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	8.52	+9.5
10059	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 2Mbps)	WLAN	2.12	+9.5
10060	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps)	WLAN	2.83	+9.5
10061	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 11Mbps)	WLAN	3.00	+9.5
10062	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 5Mbps)	WLAN	8.59	+9.5
10065	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 9Mbps)	WLAN	8.03	+9.5
10064	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps)	WLAN	9.09	+9.5
10065	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps)	WLAN	9.00	+9.5
10066	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps)	WLAN	9.38	+9.5
10067	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps)	WLAN	10.10	+9.5
10069	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps)	WLAN	11.34	+9.5
10069	CAD	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.56	+9.5
10071	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 9Mbps)	WLAN	8.53	+9.5
10072	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 12Mbps)	WLAN	9.62	+9.5
10073	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 15Mbps)	WLAN	9.84	+9.5
10074	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 24Mbps)	WLAN	10.30	+9.5
10075	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 36Mbps)	WLAN	10.77	+9.5
10075	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 48Mbps)	WLAN	10.94	+9.5
10077	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 54Mbps)	WLAN	11.00	+9.5
10091	CAA	CDMA2000 (1XRTT, RC3)	CDMA2000	3.97	+9.5
10092	CAD	IS-84 / IS-138 FDD (TDMA-FDM, P4-QPSK, FullRate)	AMPS	4.77	+9.5
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	+9.5
10097	DAC	UMTS-FDD (HSPA)	WCDMA	5.58	+9.5
10098	DAC	UMTS-FDD (HSPA, Subclass 2)	WCDMA	3.56	+9.5
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	6.55	+9.5
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.67	+9.5
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	+9.5
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	+9.5
10103	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	9.25	+9.5
10104	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	9.97	+9.5
10105	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	10.01	+9.5
10106	CAF	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	5.81	+9.5
10106	CAF	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	6.42	+9.5
10110	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	+9.5
10111	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	+9.5

EXSUW4 - SN:7770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> K - 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	5.52	+9.9
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	5.62	+9.9
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	5.10	+9.9
10115	CAD	IEEE 802.11n (HT Greenfield, 9 Mbps, 16-QAM)	WLAN	5.46	+9.9
10116	CAD	IEEE 802.11n (HT Greenfield, 12.5Mbps, 64-QAM)	WLAN	5.15	+9.9
10117	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, BPSK)	WLAN	5.07	+9.9
10118	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, 16-QAM)	WLAN	5.50	+9.9
10119	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.13	+9.9
10120	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	5.49	+9.9
10121	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	5.53	+9.9
10122	CAF	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, BPSK)	LTE-FDD	5.73	+9.9
10123	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	5.35	+9.9
10124	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	5.85	+9.9
10125	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, BPSK)	LTE-FDD	5.79	+9.9
10126	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.81	+9.9
10127	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.72	+9.9
10128	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	+9.9
10129	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	5.30	+9.9
10130	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, BPSK)	LTE-FDD	5.28	+9.9
10131	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.92	+9.9
10132	CAH	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	10.00	+9.9
10133	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, BPSK)	LTE-FDD	5.75	+9.9
10134	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	5.48	+9.9
10135	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, BPSK)	LTE-FDD	5.75	+9.9
10136	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	5.46	+9.9
10137	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	5.56	+9.9
10138	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, BPSK)	LTE-FDD	5.62	+9.9
10139	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	5.43	+9.9
10140	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	5.50	+9.9
10141	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, BPSK)	LTE-FDD	5.46	+9.9
10142	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.16	+9.9
10143	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.27	+9.9
10144	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, BPSK)	LTE-FDD	5.73	+9.9
10145	CAH	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	5.52	+9.9
10146	CAH	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	5.49	+9.9
10147	CAH	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, BPSK)	LTE-FDD	5.21	+9.9
10148	CAH	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	5.48	+9.9
10149	CAH	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	5.23	+9.9
10150	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, BPSK)	LTE-FDD	5.72	+9.9
10151	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	5.52	+9.9
10152	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, BPSK)	LTE-FDD	5.73	+9.9
10153	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	5.73	+9.9
10154	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	5.51	+9.9
10155	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	5.50	+9.9
10156	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, BPSK)	LTE-FDD	5.75	+9.9
10157	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.32	+9.9
10158	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.50	+9.9
10159	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, BPSK)	LTE-FDD	5.72	+9.9
10160	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.50	+9.9
10161	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	5.52	+9.9
10162	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, BPSK)	LTE-FDD	5.73	+9.9
10163	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	5.51	+9.9
10164	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	5.51	+9.9
10165	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	5.50	+9.9
10166	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, BPSK)	LTE-FDD	5.75	+9.9
10167	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	5.32	+9.9
10168	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.50	+9.9
10169	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	5.50	+9.9
10170	CAD	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	5.06	+9.9
10171	CAD	IEEE 802.11n (HT Greenfield, 9 Mbps, 16-QAM)	WLAN	5.12	+9.9
10172	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, 64-QAM)	WLAN	5.21	+9.9
10173	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.10	+9.9
10174	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, 16-QAM)	WLAN	5.10	+9.9
10175	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10176	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10177	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.15	+9.9
10178	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10179	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.15	+9.9
10180	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10181	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10182	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10183	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10184	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10185	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10186	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10187	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10188	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10189	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10190	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10191	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10192	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10193	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10194	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10195	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10196	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10197	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10198	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9
10199	CAD	IEEE 802.11n (HT Mixed, 13.5Mbps, 64-QAM)	WLAN	5.03	+9.9
10200	CAD	IEEE 802.11n (HT Mixed, 9 Mbps, BPSK)	WLAN	5.03	+9.9

EX8DV4-SN:7770

November 15, 2022

UID	Res	Communication System Name	Group	PAR (dB)	Uncl. A = 2
10225	CAC	UMTS-FDD (HSPA)			
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	WCDMA	3.57	-19.0
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-TDD	5.46	-19.0
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-TDD	0.26	-19.0
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	5.82	-19.0
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	5.48	-19.0
10231	CAC	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.25	-19.0
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	5.19	-19.0
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.48	-19.0
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.25	-19.0
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.48	-19.0
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.25	-19.0
10238	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10239	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.48	-19.0
10240	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10241	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10242	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10243	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10244	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10245	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10246	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10247	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10248	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10249	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10250	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10251	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10252	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10253	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10254	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10255	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10256	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10257	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10258	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10259	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10260	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10261	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10262	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10263	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10264	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10265	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10266	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10267	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10268	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10269	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10270	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	0.21	-19.0
10271	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TDD	0.21	-19.0
10272	CAH	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TDD	0.21	-19.0
10273	CAC	UMTS-FDD (HSPA, Subtest 6, 3GPP R48.4)	WCDMA	4.87	-19.0
10274	CAC	UMTS-FDD (HSPA, Subtest 6, 3GPP R48.4)	WCDMA	2.86	-19.0
10275	CAA	PHS (QPSK)	PHS	11.01	-19.0
10276	CAA	PHS (QPSK, BW 384 MHz, Ratio 0.5)	PHS	11.01	-19.0
10277	CAA	PHS (QPSK, BW 384 MHz, Ratio 0.5)	PHS	2.18	-19.0
10278	AAD	CDMA2000, RCS, 8055, Full Rate	CDMA2000	2.81	-19.0
10279	AAD	CDMA2000, RCS, 8055, Full Rate	CDMA2000	5.48	-19.0
10280	AAD	CDMA2000, RCS, 8055, Full Rate	CDMA2000	9.22	-19.0
10281	AAD	CDMA2000, RCS, 8055, Full Rate	CDMA2000	2.93	-19.0
10282	AAD	CDMA2000, RCS, 8055, Full Rate	CDMA2000	12.43	-19.0
10283	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.81	-19.0
10284	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.72	-19.0
10285	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	8.34	-19.0
10286	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	8.33	-19.0
10287	AAA	IEEE 802.16e WMAX (25.125 Ms, 10MHz, QPSK, FUSC)	WMAX	12.03	-19.0
10288	AAA	IEEE 802.16e WMAX (25.125 Ms, 10MHz, QPSK, FUSC, 3/4 RL symbols)	WMAX	12.57	-19.0
10289	AAA	IEEE 802.16e WMAX (31.15 Ms, 10MHz, 64QAM, FUSC)	WMAX	12.52	-19.0
10290	AAA	IEEE 802.16e WMAX (25.125 Ms, 10MHz, 64QAM, FUSC)	WMAX	11.85	-19.0
10291	AAA	IEEE 802.16e WMAX (31.15 Ms, 10MHz, 64QAM, FUSC, 15 symbols)	WMAX	15.24	-19.0
10292	AAA	IEEE 802.16e WMAX (25.125 Ms, 10MHz, 64QAM, FUSC, 15 symbols)	WMAX	14.57	-19.0

EX3DV4 (SN:7770)

November 15, 2022

UID	Rev	Communication System Name	Group	PAIR (dB)	Limit A - 2
10307	AAA	E-LLC 802.15a WMAX (2S-FB, 10ms, 10 MHz, QPSK, PUSC, 16-symbols)	WMAX	14.44	-19.6
10308	AAA	E-LLC 802.15a WMAX (2S-FB, 10ms, 10 MHz, 16QAM, PUSC)	WMAX	14.44	-19.6
10309	AAA	E-LLC 802.15a WMAX (2S-FB, 10ms, 10 MHz, 16QAM, AMC 2x3, 16-symbols)	WMAX	14.58	-19.6
10310	AAA	E-LLC 802.15a WMAX (2S-FB, 10ms, 10 MHz, QPSK, AMC 2x3, 16-symbols)	WMAX	14.67	-19.6
10311	AAA	LTE-FDD (SC-FDMA, 10MHz, 15MHz, QPSK)	LTE-FDD	8.00	-19.6
10312	AAA	TDMA 1.8	TDMA	10.51	-19.6
10313	AAA	TDMA 1.8	TDMA	10.40	-19.6
10314	AAA	IEEE 802.11a WiFi (2.4 GHz) (DSSS, 1 Mbps, 50% duty cycle)	WLAN	1.71	-19.6
10316	AAA	IEEE 802.11g WiFi (2.4 GHz) (OFDM, 3 Mbps, 80% duty cycle)	WLAN	9.35	-19.6
10317	AAA	IEEE 802.11n WiFi (2.4 GHz) (OFDM, 6 Mbps, 90% duty cycle)	WLAN	9.35	-19.6
10320	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	-19.6
10322	AAA	Pulse Waveform (200Hz, 20%)	Generic	9.99	-19.6
10324	AAA	Pulse Waveform (200Hz, 40%)	Generic	9.98	-19.6
10326	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	-19.6
10328	AAA	Pulse Waveform (200Hz, 80%)	Generic	3.97	-19.6
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.13	-19.6
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	-19.6
10390	AAA	84-QAM Waveform, 40 MHz	Generic	5.27	-19.6
10400	AAA	IEEE 802.11ac WiFi (5.8 GHz, 84-QAM, 99% duty cycle)	WLAN	5.97	-19.6
10401	AAA	IEEE 802.11ac WiFi (5.8 GHz, 84-QAM, 99% duty cycle)	WLAN	5.93	-19.6
10402	AAA	IEEE 802.11ac WiFi (5.8 GHz, 84-QAM, 99% duty cycle)	WLAN	5.93	-19.6
10403	AAA	CDMA2000 (1xEV-DO, Rev. 9)	CDMA2000	3.75	-19.6
10404	AAA	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.72	-19.6
10406	AAA	CDMA2000, RC3, SC32, SC30, HUI Rate	CDMA2000	5.22	-19.6
10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz) QPSK, UL Subframe=2,3,4,7,8,9, Subframe Config=1	LTE-TDD	7.82	-19.6
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	-19.6
10415	AAA	ECC 802.11b WiFi (2.4 GHz) (DSSS, 1 Mbps, 80% duty cycle)	WLAN	1.34	-19.6
10416	AAA	ECC 802.11g WiFi (2.4 GHz) (OFDM, 6 Mbps, 90% duty cycle)	WLAN	8.25	-19.6
10417	AAA	ECC 802.11n WiFi (2.4 GHz) (OFDM, 6 Mbps, 90% duty cycle)	WLAN	8.25	-19.6
10418	AAA	E-LLC 802.11g WiFi (2.4 GHz) (DSSS-OFDM, 6 Mbps, 80% duty cycle, 80% preamble)	WLAN	8.14	-19.6
10419	AAA	E-LLC 802.11g WiFi (2.4 GHz) (DSSS-OFDM, 6 Mbps, 80% duty cycle, 80% preamble)	WLAN	8.15	-19.6
10422	AAA	IEEE 802.11n (HT) Greenfield, 7.2 Mbps, QPSK	WLAN	8.52	-19.6
10423	AAA	IEEE 802.11n (HT) Greenfield, 40.3 Mbps, 16-QAM	WLAN	8.47	-19.6
10424	AAA	IEEE 802.11n (HT) Greenfield, 72.8 Mbps, 64-QAM	WLAN	8.40	-19.6
10425	AAA	IEEE 802.11n (HT) Greenfield, 16 Mbps, BPSK	WLAN	8.47	-19.6
10426	AAA	IEEE 802.11n (HT) Greenfield, 90 Mbps, 16-QAM	WLAN	8.45	-19.6
10427	AAA	IEEE 802.11n (HT) Greenfield, 150 Mbps, 64-QAM	WLAN	8.41	-19.6
10430	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	-19.6
10431	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.90	-19.6
10432	AAA	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	9.34	-19.6
10433	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	9.34	-19.6
10434	AAA	WCDMA (SS, Test Mode 1, 34-DPCCH)	WCDMA	8.00	-19.6
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	-19.6
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	-19.6
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.55	-19.6
10449	AAA	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.51	-19.6
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	-19.6
10451	AAA	WCDMA (SS, Test Mode 1, 34-DPCCH, Clipping 44%)	WCDMA	7.58	-19.6
10452	AAA	WCDMA (Square, 10ms, 1ms)	Test	7.00	-19.6
10456	AAA	E-LLC 802.15c WIF (160MHz, 64-QAM, 90% duty cycle)	WLAN	8.63	-19.6
10457	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	8.02	-19.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. 9, 1.231 ms)	CDMA2000	6.50	-19.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. 9, 1.231 ms)	CDMA2000	8.25	-19.6
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	8.39	-19.6
10461	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	-19.6
10462	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	-19.6
10463	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.58	-19.6
10464	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	-19.6
10465	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.92	-19.6
10466	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	-19.6
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	-19.6
10468	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	-19.6
10469	AAA	LTE-TDD (SC-FDMA, 1 RB, 3.75 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.58	-19.6
10470	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	-19.6
10471	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.38	-19.6

EX30V4 - SN.7770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> (k=2)
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	-20.0
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	-20.5
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 15-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	-23.5
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	-23.3
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 15-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	-23.5
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	9.07	-24.0
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-29.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	-29.0
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	-29.0
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	-29.0
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.50	-29.0
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.47	-29.0
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.56	-35.0
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	-35.0
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	-35.0
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	-35.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.01	-35.0
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	-35.0
10491	AAP	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	-35.8
10492	AAP	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	-35.8
10493	AAP	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.50	-35.8
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-35.8
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	-35.8
10496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.34	-35.8
10497	AAL	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	-39.0
10498	AAL	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	-39.0
10500	AAL	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	-39.0
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	-39.0
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	-39.0
10503	AAC	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	-39.0
10504	AAC	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	-39.0
10505	AAC	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	-39.0
10508	AAC	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-39.0
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	-39.0
10509	AAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	-39.0
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	-39.0
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.48	-39.0
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	-39.0
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	-39.0
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	-39.0
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	-39.0
10515	AAA	IEEE 802.11a WiFi 2.4GHz (DSSS, 2Mbps, 99% duty cycle)	WLAN	1.58	-19.0
10516	AAA	IEEE 802.11a WiFi 2.4GHz (DSSS, 5.5Mbps, 99% duty cycle)	WLAN	1.57	-25.0
10517	AAA	IEEE 802.11a WiFi 2.4GHz (DSSS, 11Mbps, 99% duty cycle)	WLAN	1.58	-25.0
10518	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps, 99% duty cycle)	WLAN	6.28	-15.0
10519	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps, 99% duty cycle)	WLAN	6.58	-15.0
10520	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps, 99% duty cycle)	WLAN	6.12	-15.0
10521	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps, 99% duty cycle)	WLAN	7.37	-15.0
10522	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps, 99% duty cycle)	WLAN	8.45	-15.0
10523	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps, 99% duty cycle)	WLAN	8.08	-15.0
10524	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps, 99% duty cycle)	WLAN	8.27	-15.0
10525	AAC	IEEE 802.11a WiFi (20MHz, MCS0, 99% duty cycle)	WLAN	8.26	-19.0
10526	AAC	IEEE 802.11a WiFi (20MHz, MCS1, 99% duty cycle)	WLAN	8.42	-19.0
10527	AAC	IEEE 802.11a WiFi (20MHz, MCS2, 99% duty cycle)	WLAN	8.22	-25.0
10529	AAC	IEEE 802.11a WiFi (20MHz, MCS3, 99% duty cycle)	WLAN	8.36	-25.0
10529	AAC	IEEE 802.11a WiFi (20MHz, MCS4, 99% duty cycle)	WLAN	8.36	-25.0
10531	AAC	IEEE 802.11a WiFi (20MHz, MCS5, 99% duty cycle)	WLAN	8.43	-25.0
10532	AAC	IEEE 802.11a WiFi (20MHz, MCS6, 99% duty cycle)	WLAN	8.29	-25.0
10533	AAC	IEEE 802.11a WiFi (20MHz, MCS7, 99% duty cycle)	WLAN	8.38	-20.0
10534	AAC	IEEE 802.11a WiFi (40MHz, MCS0, 99% duty cycle)	WLAN	8.45	-19.0
10535	AAC	IEEE 802.11a WiFi (40MHz, MCS1, 99% duty cycle)	WLAN	8.45	-19.0
10536	AAC	IEEE 802.11a WiFi (40MHz, MCS2, 99% duty cycle)	WLAN	8.22	-25.0
10537	AAC	IEEE 802.11a WiFi (40MHz, MCS3, 99% duty cycle)	WLAN	8.44	-25.0
10538	AAC	IEEE 802.11a WiFi (40MHz, MCS4, 99% duty cycle)	WLAN	8.54	-25.0
10539	AAC	IEEE 802.11a WiFi (40MHz, MCS5, 99% duty cycle)	WLAN	8.38	-25.0

EX9DM4 - SN:7770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> k = 2
10541	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	9.45	+9.5
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.65	+9.5
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.85	+9.5
10544	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.85	+9.5
10545	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.47	+9.5
10546	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.57	+9.5
10547	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.55	+9.5
10548	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.48	+9.5
10549	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.97	+9.5
10550	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.38	+9.5
10551	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	9.50	+9.5
10552	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	9.42	+9.5
10553	AAC	IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	9.45	+9.5
10554	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.70	+9.5
10555	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.67	+9.5
10556	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.50	+9.5
10557	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.52	+9.5
10558	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.51	+9.5
10559	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.73	+9.5
10560	AAC	IEEE 802.11ac WiFi (40 MHz, MCS7, 99pc duty cycle)	WLAN	9.56	+9.5
10561	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.59	+9.5
10562	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.59	+9.5
10563	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 99pc duty cycle)	WLAN	9.77	+9.5
10564	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 9Mbps, 99pc duty cycle)	WLAN	9.25	+9.5
10565	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 12Mbps, 99pc duty cycle)	WLAN	9.45	+9.5
10566	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 12Mbps, 99pc duty cycle)	WLAN	9.18	+9.5
10567	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 24Mbps, 99pc duty cycle)	WLAN	9.00	+9.5
10568	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 24Mbps, 99pc duty cycle)	WLAN	9.37	+9.5
10569	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 48Mbps, 99pc duty cycle)	WLAN	9.10	+9.5
10570	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 54Mbps, 99pc duty cycle)	WLAN	9.30	+9.5
10571	AAA	IEEE 802.11b WiFi (2.4 GHz, DSSS, 1Mbps, 99pc duty cycle)	WLAN	1.98	+9.5
10572	AAA	IEEE 802.11b WiFi (2.4 GHz, DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.98	+9.5
10573	AAA	IEEE 802.11b WiFi (2.4 GHz, DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.98	+9.5
10574	AAA	IEEE 802.11b WiFi (2.4 GHz, DSSS, 11Mbps, 99pc duty cycle)	WLAN	1.98	+9.5
10575	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 6Mbps, 99pc duty cycle)	WLAN	9.08	+9.5
10576	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 9Mbps, 99pc duty cycle)	WLAN	9.60	+9.5
10577	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 12Mbps, 99pc duty cycle)	WLAN	9.70	+9.5
10578	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 18Mbps, 99pc duty cycle)	WLAN	9.49	+9.5
10579	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 24Mbps, 99pc duty cycle)	WLAN	9.08	+9.5
10580	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 36Mbps, 99pc duty cycle)	WLAN	9.76	+9.5
10581	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 48Mbps, 99pc duty cycle)	WLAN	9.25	+9.5
10582	AAA	IEEE 802.11g WiFi (2.4 GHz, DSSS-OFDM, 54Mbps, 99pc duty cycle)	WLAN	9.67	+9.5
10583	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 6Mbps, 99pc duty cycle)	WLAN	9.59	+9.5
10584	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 6Mbps, 99pc duty cycle)	WLAN	9.60	+9.5
10585	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 12Mbps, 99pc duty cycle)	WLAN	9.70	+9.5
10586	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 18Mbps, 99pc duty cycle)	WLAN	9.99	+9.5
10587	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 24Mbps, 99pc duty cycle)	WLAN	9.93	+9.5
10588	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 36Mbps, 99pc duty cycle)	WLAN	9.78	+9.5
10589	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 48Mbps, 99pc duty cycle)	WLAN	9.95	+9.5
10590	AAC	IEEE 802.11ah WiFi (5GHz, OFDM, 54Mbps, 99pc duty cycle)	WLAN	9.87	+9.5
10591	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS6, 99pc duty cycle)	WLAN	9.53	+9.5
10592	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS7, 99pc duty cycle)	WLAN	9.79	+9.5
10593	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS8, 99pc duty cycle)	WLAN	9.54	+9.5
10594	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS9, 99pc duty cycle)	WLAN	9.74	+9.5
10595	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS4, 99pc duty cycle)	WLAN	9.74	+9.5
10596	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS6, 99pc duty cycle)	WLAN	9.71	+9.5
10597	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS8, 99pc duty cycle)	WLAN	9.79	+9.5
10598	AAC	IEEE 802.11n HT Mixed, 20MHz, MCS7, 99pc duty cycle)	WLAN	9.53	+9.5
10599	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS6, 99pc duty cycle)	WLAN	9.79	+9.5
10600	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS7, 99pc duty cycle)	WLAN	9.69	+9.5
10601	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS8, 99pc duty cycle)	WLAN	9.92	+9.5
10602	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS9, 99pc duty cycle)	WLAN	9.94	+9.5
10603	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS4, 99pc duty cycle)	WLAN	9.93	+9.5
10604	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS6, 99pc duty cycle)	WLAN	9.78	+9.5
10605	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS8, 99pc duty cycle)	WLAN	9.97	+9.5
10606	AAC	IEEE 802.11n HT Mixed, 40MHz, MCS7, 99pc duty cycle)	WLAN	9.92	+9.5
10607	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 99pc duty cycle)	WLAN	9.94	+9.5
10608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS9, 99pc duty cycle)	WLAN	9.77	+9.5

EX3DV4 - S4.770

November 15, 2022

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>1</sup> k = 2
10609	AAC	IEEE 802.11ax WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.57	-9.8
10610	AAC	IEEE 802.11ax WiFi (20MHz, MCS9, 90pc duty cycle)	WLAN	8.75	-9.8
10611	AAC	IEEE 802.11ax WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	-9.8
10612	AAC	IEEE 802.11ax WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	-9.8
10613	AAC	IEEE 802.11ax WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.94	-9.8
10614	AAC	IEEE 802.11ax WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.56	-9.8
10615	AAC	IEEE 802.11ax WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.63	-9.8
10616	AAC	IEEE 802.11ax WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.66	-9.8
10617	AAC	IEEE 802.11ax WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.61	-9.8
10618	AAC	IEEE 802.11ax WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.64	-9.8
10619	AAC	IEEE 802.11ax WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.68	-9.8
10620	AAC	IEEE 802.11ax WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.66	-9.8
10621	AAC	IEEE 802.11ax WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.67	-9.8
10622	AAC	IEEE 802.11ax WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.77	-9.8
10623	AAC	IEEE 802.11ax WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.68	-9.8
10624	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.66	-9.8
10625	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.66	-9.8
10626	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.66	-9.8
10627	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.63	-9.8
10628	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.65	-9.8
10629	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.71	-9.8
10630	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.65	-9.8
10631	AAC	IEEE 802.11ax WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.72	-9.8
10632	AAC	IEEE 802.11ax WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.61	-9.8
10633	AAC	IEEE 802.11ax WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.74	-9.8
10634	AAC	IEEE 802.11ax WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.63	-9.8
10635	AAC	IEEE 802.11ax WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.63	-9.8
10636	AAC	IEEE 802.11ax WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.61	-9.8
10637	AAC	IEEE 802.11ax WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.63	-9.8
10638	AAC	IEEE 802.11ax WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.75	-9.8
10639	AAC	IEEE 802.11ax WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.66	-9.8
10640	AAC	IEEE 802.11ax WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.66	-9.8
10641	AAC	IEEE 802.11ax WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.66	-9.8
10642	AAC	IEEE 802.11ax WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.66	-9.8
10643	AAC	IEEE 802.11ax WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.66	-9.8
10644	AAC	IEEE 802.11ax WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.66	-9.8
10645	AAC	IEEE 802.11ax WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.66	-9.8
10646	AAC	IEEE 802.11ax WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.71	-9.8
10647	AAH	LTE-TDD (4G+HSPA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	+9.6
10648	AAH	LTE-TDD (4G+HSPA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	+9.6
10649	AAA	CDMA2000 (3e Advanced)	CDMA2000	3.45	+9.6
10650	AAH	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	8.81	+9.6
10651	AAH	LTE-TDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	+9.6
10652	AAH	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.98	+9.6
10653	AAH	LTE-TDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	+9.6
10654	AAH	Pulse Waveform (200Hz, 10%)	Test	6.00	-9.6
10655	AAH	Pulse Waveform (200Hz, 20%)	Test	6.85	-9.6
10656	AAH	Pulse Waveform (200Hz, 40%)	Test	8.98	-9.6
10657	AAH	Pulse Waveform (200Hz, 60%)	Test	8.28	-9.6
10658	AAH	Pulse Waveform (200Hz, 80%)	Test	6.37	-9.6
10659	AAA	Bluetooth Low Energy	Bluetooth	2.15	-9.6
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	8.03	-9.8
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	-9.8
10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.70	-9.8
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.76	-9.8
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.93	-9.8
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.71	-9.8
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	-9.8
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.78	-9.8
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.83	-9.8
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.83	-9.8
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.87	-9.8
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.93	-9.8
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	8.42	-9.8
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.25	-9.8
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.33	-9.8
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.28	-9.8

EX3DV4 - SN:7770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR [dB]	Unc <sup>2</sup> k - z
10687	AAC	IEEE 802.11ax (20 MHz, MCS8, 80ps duty cycle)	WLAN	8.45	+1.5
10688	AAC	IEEE 802.11ax (20 MHz, MCS8, 80ps duty cycle)	WLAN	8.29	+9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS8, 80ps duty cycle)	WLAN	8.55	+9.6
10690	AAC	IEEE 802.11ax (20 MHz, MCS9, 80ps duty cycle)	WLAN	8.29	+9.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS9, 80ps duty cycle)	WLAN	8.25	+9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 80ps duty cycle)	WLAN	8.25	+9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 80ps duty cycle)	WLAN	8.25	+9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS10, 80ps duty cycle)	WLAN	8.25	+9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.57	+9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.78	+9.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.81	+9.6
10698	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.81	+9.6
10699	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.82	+9.6
10700	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.72	+9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.76	+9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 80ps duty cycle)	WLAN	8.70	+9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS6, 80ps duty cycle)	WLAN	8.82	+9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.55	+9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	8.59	+9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	8.55	+9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.52	+9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 80ps duty cycle)	WLAN	8.55	+9.6
10709	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.55	+9.6
10710	AAC	IEEE 802.11ax (40 MHz, MCS2, 80ps duty cycle)	WLAN	8.33	+9.6
10711	AAC	IEEE 802.11ax (40 MHz, MCS3, 80ps duty cycle)	WLAN	8.29	+9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS4, 80ps duty cycle)	WLAN	8.59	+9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS5, 80ps duty cycle)	WLAN	8.67	+9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 80ps duty cycle)	WLAN	8.53	+9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 80ps duty cycle)	WLAN	8.28	+9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 80ps duty cycle)	WLAN	8.45	+9.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	8.30	+9.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	8.48	+9.6
10719	AAC	IEEE 802.11ax (40 MHz, MCS10, 80ps duty cycle)	WLAN	8.24	+9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	8.81	+9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	8.67	+9.6
10722	AAC	IEEE 802.11ax (80 MHz, MCS2, 80ps duty cycle)	WLAN	8.76	+9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS3, 80ps duty cycle)	WLAN	8.05	+9.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS4, 80ps duty cycle)	WLAN	8.70	+9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS5, 80ps duty cycle)	WLAN	8.80	+9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS6, 80ps duty cycle)	WLAN	8.74	+9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	8.73	+9.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS8, 80ps duty cycle)	WLAN	8.56	+9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS8, 80ps duty cycle)	WLAN	8.65	+9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	8.54	+9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	8.67	+9.6
10732	AAC	IEEE 802.11ax (80 MHz, MCS1, 80ps duty cycle)	WLAN	9.42	+9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 80ps duty cycle)	WLAN	9.45	+9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 80ps duty cycle)	WLAN	9.40	+9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 80ps duty cycle)	WLAN	9.25	+9.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS4, 80ps duty cycle)	WLAN	9.33	+9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS5, 80ps duty cycle)	WLAN	8.27	+9.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS6, 80ps duty cycle)	WLAN	8.38	+9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	8.47	+9.6
10740	AAC	IEEE 802.11ax (80 MHz, MCS8, 80ps duty cycle)	WLAN	8.28	+9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS9, 80ps duty cycle)	WLAN	8.46	+9.6
10742	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	8.40	+9.6
10743	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	8.43	+9.6
10744	AAC	IEEE 802.11ax (80 MHz, MCS10, 80ps duty cycle)	WLAN	8.34	+9.6
10745	AAC	IEEE 802.11ax (80 MHz, MCS1, 80ps duty cycle)	WLAN	9.18	+9.6
10746	AAC	IEEE 802.11ax (80 MHz, MCS2, 80ps duty cycle)	WLAN	9.38	+9.6
10747	AAC	IEEE 802.11ax (80 MHz, MCS3, 80ps duty cycle)	WLAN	9.11	+9.6
10748	AAC	IEEE 802.11ax (80 MHz, MCS4, 80ps duty cycle)	WLAN	9.04	+9.6
10749	AAC	IEEE 802.11ax (80 MHz, MCS5, 80ps duty cycle)	WLAN	8.98	+9.6
10750	AAC	IEEE 802.11ax (80 MHz, MCS6, 80ps duty cycle)	WLAN	8.90	+9.6
10751	AAC	IEEE 802.11ax (80 MHz, MCS7, 80ps duty cycle)	WLAN	8.78	+9.6
10752	AAC	IEEE 802.11ax (80 MHz, MCS8, 80ps duty cycle)	WLAN	8.62	+9.6
10753	AAC	IEEE 802.11ax (80 MHz, MCS9, 80ps duty cycle)	WLAN	8.80	+9.6



EX3DVM - SN.7770

November 18, 2022

UID	Rev	Communication System Name	Group	PWR (dB)	Umc# # = 2
10753	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.00	-9.6
10754	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.84	-9.6
10755	AAD	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.84	-9.6
10756	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.77	-9.6
10757	AAD	IEEE 802.11ax (160MHz, MCS2, 80ps duty cycle)	WLAN	8.77	-9.6
10758	AAD	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.83	-9.6
10759	AAD	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.58	-9.6
10760	AAD	IEEE 802.11ax (160MHz, MCS6, 80ps duty cycle)	WLAN	8.49	-9.6
10761	AAD	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.58	-9.6
10762	AAD	IEEE 802.11ax (160MHz, MCS7, 80ps duty cycle)	WLAN	8.49	-9.6
10763	AAD	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.58	-9.6
10764	AAD	IEEE 802.11ax (160MHz, MCS9, 80ps duty cycle)	WLAN	8.54	-9.6
10765	AAD	IEEE 802.11ax (160MHz, MCS10, 80ps duty cycle)	WLAN	8.54	-9.6
10766	AAD	IEEE 802.11ax (160MHz, MCS11, 80ps duty cycle)	WLAN	8.57	-9.6
10767	AAD	5G NR (CP-OFDM), 1 RB, 5MHz, QPSK, 15 kHz	5G NR FR1 TDD	7.95	-9.6
10768	AAD	5G NR (CP-OFDM), 1 RB, 10MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.01	-9.6
10769	AAD	5G NR (CP-OFDM), 1 RB, 15MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.01	-9.6
10770	AAD	5G NR (CP-OFDM), 1 RB, 20MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.02	-9.6
10771	AAD	5G NR (CP-OFDM), 1 RB, 25MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.02	-9.6
10772	AAD	5G NR (CP-OFDM), 1 RB, 30MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.02	-9.6
10773	AAD	5G NR (CP-OFDM), 1 RB, 40MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.03	-9.6
10774	AAD	5G NR (CP-OFDM), 1 RB, 50MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.02	-9.6
10775	AAD	5G NR (CP-OFDM), 50% RB, 5 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.31	-9.6
10776	AAD	5G NR (CP-OFDM), 50% RB, 10 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.33	-9.6
10777	AAD	5G NR (CP-OFDM), 50% RB, 15 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.33	-9.6
10778	AAD	5G NR (CP-OFDM), 50% RB, 20 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.31	-9.6
10779	AAD	5G NR (CP-OFDM), 50% RB, 25 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.32	-9.6
10780	AAD	5G NR (CP-OFDM), 50% RB, 30 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.30	-9.6
10781	AAD	5G NR (CP-OFDM), 50% RB, 40 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.30	-9.6
10782	AAD	5G NR (CP-OFDM), 50% RB, 50 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.43	-9.6
10783	AAD	5G NR (CP-OFDM), 100% RB, 5 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.21	-9.6
10784	AAD	5G NR (CP-OFDM), 100% RB, 10 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.28	-9.6
10785	AAD	5G NR (CP-OFDM), 100% RB, 15 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.40	-9.6
10786	AAD	5G NR (CP-OFDM), 100% RB, 20 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.28	-9.6
10787	AAD	5G NR (CP-OFDM), 100% RB, 25 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.44	-9.6
10788	AAD	5G NR (CP-OFDM), 100% RB, 30 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.25	-9.6
10789	AAD	5G NR (CP-OFDM), 100% RB, 40 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.27	-9.6
10790	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 15 kHz	5G NR FR1 TDD	8.30	-9.6
10791	AAD	5G NR (CP-OFDM), 1 RB, 5 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.83	-9.6
10792	AAD	5G NR (CP-OFDM), 1 RB, 10 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.82	-9.6
10793	AAD	5G NR (CP-OFDM), 1 RB, 15 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.89	-9.6
10794	AAD	5G NR (CP-OFDM), 1 RB, 20 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.87	-9.6
10795	AAD	5G NR (CP-OFDM), 1 RB, 25 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.89	-9.6
10796	AAD	5G NR (CP-OFDM), 1 RB, 30 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.92	-9.6
10797	AAD	5G NR (CP-OFDM), 1 RB, 40 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.01	-9.6
10798	AAD	5G NR (CP-OFDM), 1 RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.89	-9.6
10800	AAD	5G NR (CP-OFDM), 1 RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.93	-9.6
10801	AAD	5G NR (CP-OFDM), 1 RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.93	-9.6
10802	AAD	5G NR (CP-OFDM), 1 RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.87	-9.6
10803	AAD	5G NR (CP-OFDM), 1 RB, 100 MHz, QPSK, 30 kHz	5G NR FR1 TDD	7.93	-9.6
10804	AAD	5G NR (CP-OFDM), 50% RB, 10 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.34	-9.6
10805	AAD	5G NR (CP-OFDM), 50% RB, 15 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.37	-9.6
10806	AAD	5G NR (CP-OFDM), 50% RB, 20 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.37	-9.6
10807	AAD	5G NR (CP-OFDM), 50% RB, 25 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.34	-9.6
10808	AAD	5G NR (CP-OFDM), 50% RB, 30 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.34	-9.6
10809	AAD	5G NR (CP-OFDM), 50% RB, 40 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.34	-9.6
10810	AAD	5G NR (CP-OFDM), 50% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.35	-9.6
10811	AAD	5G NR (CP-OFDM), 100% RB, 5 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.35	-9.6
10812	AAD	5G NR (CP-OFDM), 100% RB, 10 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.34	-9.6
10813	AAD	5G NR (CP-OFDM), 100% RB, 15 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.33	-9.6
10814	AAD	5G NR (CP-OFDM), 100% RB, 20 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.30	-9.6
10815	AAD	5G NR (CP-OFDM), 100% RB, 25 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.41	-9.6
10816	AAD	5G NR (CP-OFDM), 100% RB, 30 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.41	-9.6
10817	AAD	5G NR (CP-OFDM), 100% RB, 40 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.36	-9.6
10818	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.35	-9.6
10819	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.41	-9.6
10820	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10821	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10822	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10823	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10824	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10825	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10826	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10827	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6
10828	AAD	5G NR (CP-OFDM), 100% RB, 50 MHz, QPSK, 30 kHz	5G NR FR1 TDD	8.42	-9.6

EX3DM4 - SN:770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR [dB]	Typ <sup>1</sup> E <sub>1</sub> [dB]
10629	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	-9.8
10630	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.98	-9.8
10631	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.78	-9.8
10632	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	-9.8
10633	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	-9.8
10634	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.76	-9.8
10635	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	-9.8
10636	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	-9.8
10637	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	-9.8
10638	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	-9.8
10639	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	-9.8
10640	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	-9.8
10641	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	-9.8
10642	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	-9.8
10643	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-9.8
10644	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10645	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	-9.8
10646	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	-9.8
10647	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.38	-9.8
10648	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	-9.8
10649	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	-9.8
10650	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.38	-9.8
10651	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	-9.8
10652	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10653	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	-9.8
10654	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10655	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	-9.8
10656	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	-9.8
10657	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10658	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10659	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10660	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10661	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10662	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10663	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10664	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10665	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10666	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10667	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10668	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10669	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10670	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10671	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10672	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10673	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10674	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10675	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10676	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10677	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10678	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10679	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10680	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10681	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10682	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10683	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10684	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10685	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10686	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10687	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10688	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10689	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10690	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10691	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10692	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10693	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10694	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10695	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10696	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10697	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10698	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10699	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8
10700	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	-9.8

EX3DVA - SN.7770

November 18, 2022

ID#	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>1</sup> K = 2
10917	AAR	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.43	-9.3
10918	AAR	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10919	AAR	5G NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.25	-9.3
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.23	-9.3
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.27	-9.3
10917	AAD	5G NR (DFT-s-OFDM, 50% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.26	-9.3
10919	AAJ	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.25	-9.3
10920	AAJ	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.27	-9.3
10921	AAJ	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10922	AAJ	5G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10923	AAJ	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.22	-9.3
10924	AAJ	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10925	AAJ	5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.25	-9.3
10926	AAJ	5G NR (DFT-s-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10927	AAJ	5G NR (DFT-s-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.24	-9.3
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.21	-9.3
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.21	-9.3
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.21	-9.3
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.21	-9.3
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.21	-9.3
10936	AAC	5G NR (DFT-s-OFDM, 60% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.24	-9.3
10937	AAC	5G NR (DFT-s-OFDM, 60% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10938	AAC	5G NR (DFT-s-OFDM, 60% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10939	AAC	5G NR (DFT-s-OFDM, 60% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10940	AAC	5G NR (DFT-s-OFDM, 60% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10941	AAC	5G NR (DFT-s-OFDM, 60% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10942	AAC	5G NR (DFT-s-OFDM, 60% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10943	AAC	5G NR (DFT-s-OFDM, 60% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 10kHz)	5G NR FR1 FDD	5.21	-9.3
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10951	AAA	5G NR (DFT-s-OFDM, 100% RB, 60MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.22	-9.3
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	-9.3
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	-9.3
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.21	-9.3
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.21	-9.3
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 40MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.21	-9.3
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 50MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 60MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 70MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 80MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 90MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10964	AAA	5G NR DL (CP-OFDM, TM 3.1, 100MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.22	-9.3
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.27	-9.3
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.22	-9.3
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.22	-9.3
10968	AAD	5G NR DL (CP-OFDM, TM 3.1, 30MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.22	-9.3
10969	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	11.53	-9.3
10970	AAB	5G NR (DFT-s-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	3.03	-9.3
10971	AAA	5G NR (CP-OFDM, 100% RB, 100MHz, 256-QAM, 30MHz)	5G NR FR1 TDD	10.25	-9.3
10972	AAA	ULLA 50T	ULLA	1.18	-9.3
10973	AAA	ULLA HDNR	ULLA	3.58	-9.3
10974	AAA	ULLA HDNRp	ULLA	10.32	-9.3
10975	AAA	ULLA HDNRps	ULLA	3.19	-9.3
10976	AAA	ULLA HDNRps	ULLA	3.43	-9.3

EX3DV4 - SN:7770

November 18, 2022

UID	Rev	Communication System Name	Group	PAR [dB]	Unc <sup>E</sup> k = 2
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	0.31	±0.0
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	0.42	±0.0
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.54	±0.0
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.56	±0.0
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.58	±0.0
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.58	±0.0
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.58	±0.0
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	0.62	±0.0

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



**Appendix A.4 Probe Calibration certificate (EX3DV4 SN3697)**

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



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

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

Accreditation No.: **SCS 0106**

Client: **Eurofins KCTL**  
 Gyeonggi-do, Republic of Korea

Certificate No.: **EX-3697\_Apr23**

**CALIBRATION CERTIFICATE**

Object: **EX3DV4 - SN:3697**



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

Calibration date: **April 13, 2023**

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

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 10477B	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: TQ3244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK 3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249 Oct22)	Oct-23
OCP DAK-12	SN: 1018	20-Oct-22 (OCP-DAK12-1018 Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ESS-3013_Jan23)	Jan-24

Secondary Standards	ID	Check Date (In house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-18 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498067	06-Apr-18 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-18 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8848C	SN: US9642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24

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

Issued: April 13, 2023

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

**Calibration Laboratory of**

Schmid & Partner  
 Engineering AG

Zaughausstrasse 43, 8004 Zurich, Switzerland



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

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

Accreditation No.: **SCS 0108**

**Glossary**

TSL	tissue simulating liquid
NORM <sub>x,y,z</sub>	sensitivity in free space
CorvF	sensitivity in TSL / NORM <sub>x,y,z</sub>
DCP	diode compression point
CF	crest factor (1/duty cycle) of the RF signal
A, B, C, D	modulation dependent linearization parameters
Polarization $\varphi$	$\varphi$ rotation around probe axis
Polarization $\theta$	$\theta$ rotation around z-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 855664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

**Methods Applied and Interpretation of Parameters:**

- NORM<sub>x,y,z</sub>**: Assessed for E-field polarization  $\theta = 0$  ( $f \leq 900$  MHz in TEM-cell;  $f > 1800$  MHz: R22 waveguide). NORM<sub>x,y,z</sub> are only intermediate values, i.e., the uncertainties of NORM<sub>x,y,z</sub> does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below CorvF).
- NORM( $\theta$ )<sub>x,y,z</sub> = NORM<sub>x,y,z</sub> \* frequency\_response** (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of CorvF.
- DCP<sub>x,y,z</sub>**: 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<sub>x,y,z</sub>; B<sub>x,y,z</sub>; C<sub>x,y,z</sub>; D<sub>x,y,z</sub>; VR<sub>x,y,z</sub>**: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum deformation range expressed in RMS voltage across the diode.
- CorvF and Boundary Effect Parameters**: Assessed in fat phantom using E-field (or Temperature Transfer Standard for  $f \leq 800$  MHz) and inside waveguide using analytical field distributions based on power measurements for  $f > 800$  MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, dep $\theta$ ) 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<sub>x,y,z</sub> \* CorvF whereby the uncertainty corresponds to that given for CorvF. A frequency dependent CorvF is used in DASY version 4.4 and higher which allows extending the validity from  $\pm 50$  MHz to  $\pm 100$  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<sub>x</sub> (no uncertainty required).

EX3DV4 - SN:3697

April 13, 2023

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

**Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm ( $\mu\text{V}/(\text{V}/\text{m})^2$ ) <sup>A</sup>	0.34	0.37	0.33	$\pm 10.1\%$
DCP (mV) <sup>B</sup>	104.5	104.5	106.0	$\pm 4.7\%$

**Calibration Results for Modulation Response**

UID	Communication System Name		A dB	B dB $\sqrt{\mu\text{V}}$	C	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	144.6	$\pm 1.9\%$	$\pm 4.7\%$
		Y	0.00	0.00	1.00		158.5		
		Z	0.00	0.00	1.00		139.9		
10352	Pulse Waveform (200Hz, 10%)	X	8.54	78.91	18.85	10.00	80.0	$\pm 3.2\%$	$\pm 9.6\%$
		Y	20.00	92.81	22.13		80.0		
		Z	9.61	80.49	17.40		80.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	88.26	18.19	3.99	80.0	$\pm 1.6\%$	$\pm 9.6\%$
		Y	20.00	93.58	21.43		80.0		
		Z	15.98	86.66	17.93		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	87.14	15.99	3.98	95.0	$\pm 1.4\%$	$\pm 9.6\%$
		Y	20.00	93.73	20.11		95.0		
		Z	20.00	87.73	16.31		95.0		
10356	Pulse Waveform (200Hz, 60%)	X	1.27	67.36	8.59	2.22	120.0	$\pm 1.3\%$	$\pm 9.6\%$
		Y	20.00	95.40	19.57		120.0		
		Z	1.89	70.38	9.35		120.0		
10387	QPSK Waveform, 1 MHz	X	1.31	65.31	13.53	1.00	150.0	$\pm 3.7\%$	$\pm 9.6\%$
		Y	1.58	65.82	14.43		150.0		
		Z	1.37	65.49	13.57		150.0		
10388	QPSK Waveform, 10 MHz	X	1.81	66.24	14.61	0.00	150.0	$\pm 1.0\%$	$\pm 9.6\%$
		Y	2.13	67.52	15.26		150.0		
		Z	1.89	66.55	14.64		150.0		
10396	64-QAM Waveform, 100 kHz	X	2.33	67.15	17.10	3.01	150.0	$\pm 0.9\%$	$\pm 9.6\%$
		Y	2.85	69.53	18.31		150.0		
		Z	2.64	69.08	17.79		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.18	66.20	15.16	0.00	150.0	$\pm 2.6\%$	$\pm 9.6\%$
		Y	3.46	67.07	15.59		150.0		
		Z	3.27	66.56	15.26		150.0		
10414	WLAN CGDF, 64-QAM, 40 MHz	X	4.66	65.83	15.53	0.00	150.0	$\pm 4.6\%$	$\pm 9.6\%$
		Y	4.66	66.12	16.15		150.0		
		Z	4.60	65.54	15.32		150.0		

Note: For details on UID parameters see Appendix

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

<sup>A</sup> The uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty (see 7.8) (see Page 5).

<sup>B</sup> Uncertainty on parameter uncertainty for maximum specified field strength.

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

EX3DV4 - SN:3697

April 18, 2023

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

**Sensor Model Parameters**

	C1 fF	C2 fF	$\alpha$ V <sup>-1</sup>	T1 msV <sup>-2</sup>	T2 msV <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
x	32.6	242.63	35.35	11.26	0.83	5.05	0.00	0.40	1.01
y	42.1	310.63	34.66	20.47	0.41	5.10	0.63	0.35	1.01
z	33.1	244.60	34.83	10.69	0.82	5.04	0.63	0.33	1.01

**Other Probe Parameters**

Sensor Arrangement	triangular
Connector Angle	156.7°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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



EX3DV4 - SN:3697

April 13, 2023

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

**Calibration Parameter Determined in Head Tissue Simulating Media**

f (MHz) <sup>C</sup>	Relative Permittivity <sup>D</sup>	Conductivity <sup>E</sup> (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	9.36	9.36	9.36	0.56	0.80	±12.0%
850	41.5	0.92	8.82	8.82	8.82	0.41	0.96	±12.0%
900	41.5	0.97	8.71	8.71	8.71	0.36	1.04	±12.0%
1750	40.1	1.37	7.97	7.97	7.97	0.38	0.86	±12.0%
1900	40.0	1.40	7.59	7.59	7.59	0.38	0.86	±12.0%
2300	39.6	1.67	7.44	7.44	7.44	0.39	0.80	±12.0%
2450	39.2	1.80	7.20	7.20	7.20	0.38	0.90	±12.0%
2600	39.0	1.96	6.95	6.95	6.95	0.36	0.90	±12.0%
5250	35.9	4.71	4.80	4.80	4.80	0.40	1.80	±14.0%
5600	35.5	5.07	4.46	4.46	4.46	0.40	1.80	±14.0%
5800	35.3	5.27	4.44	4.44	4.44	0.40	1.80	±14.0%

<sup>C</sup> Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2); also it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ±10, 25, 40, 60 and 70 MHz for ConvF assessments at 30, 64, 128, 193 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4–8 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

<sup>D</sup> The probes are calibrated using tissue simulating liquids (TSL) that deviate for  $\epsilon$  and  $\sigma$  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.

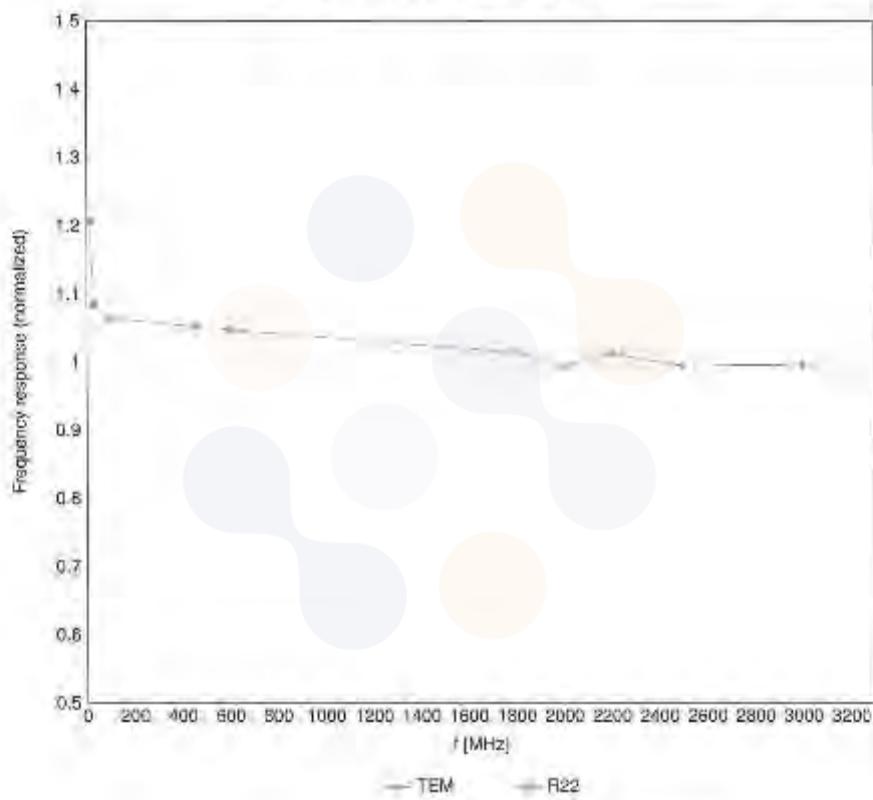
<sup>G</sup> Alpha/Depth are determined during calibration. SPCAG warns that the remaining deviation due to the boundary effect after compensation is always less than ±1% for frequencies above 3 GHz and below ±2% for frequencies between 3–6 GHz at any distance larger than half the probe tip diameter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

EX3DV4 - SN:3697

April 13, 2023

### Frequency Response of E-Field

(TEM-Cell:if110 EXX, Waveguide:R22)

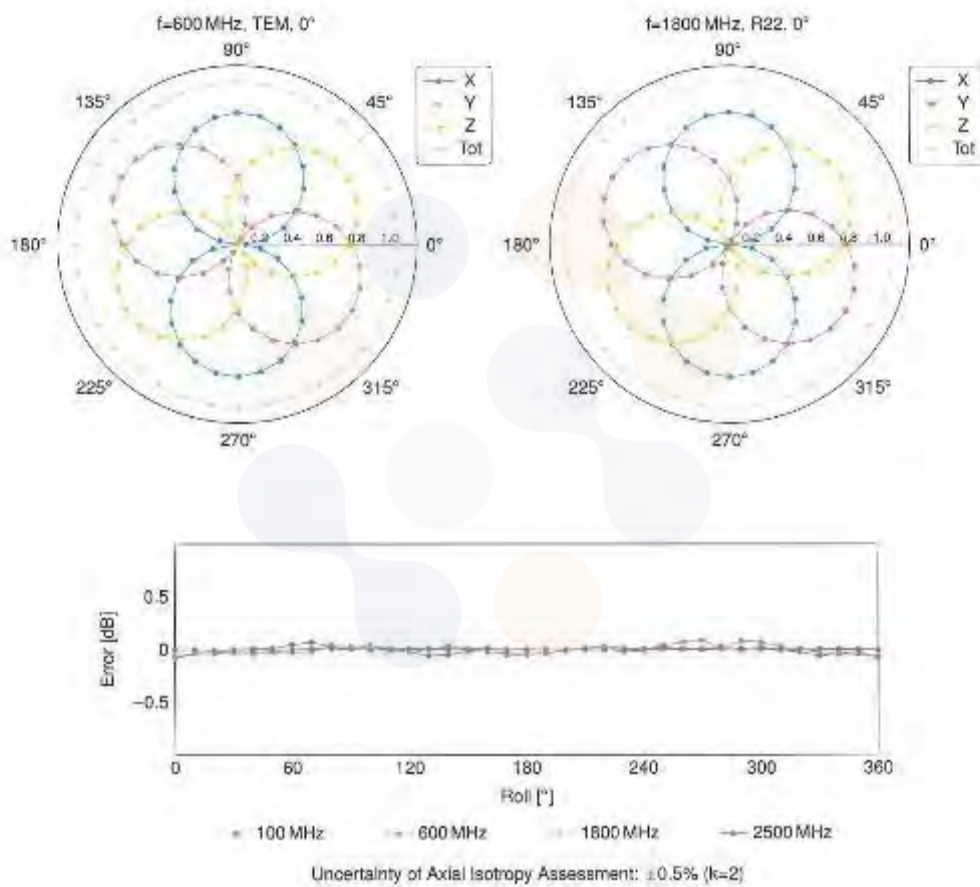


Uncertainty of Frequency Response of E-field:  $\pm 6.3\%$  ( $k=2$ )

EX3DV4 - SN:3697

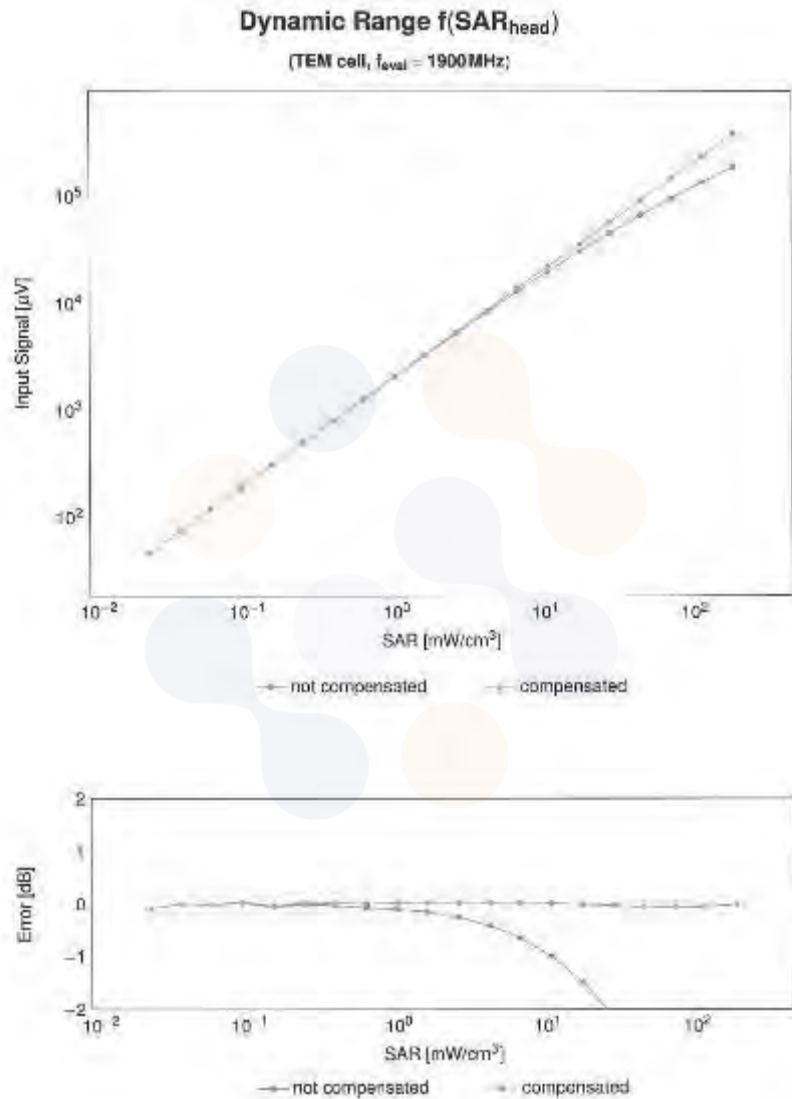
April 13, 2023

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



EX3DV4 - SN:3697

April 13, 2023

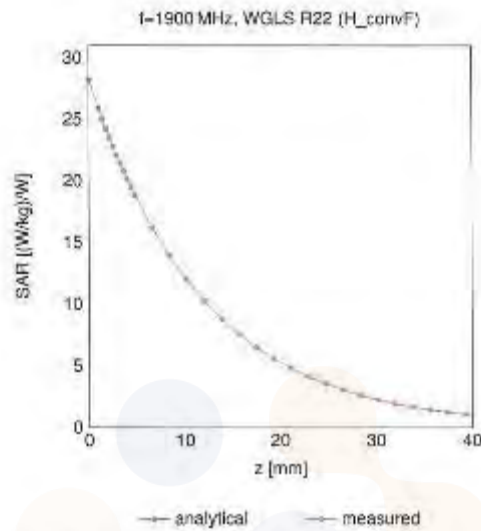


Uncertainty of Linearity Assessment: ±0.6% (k=2)

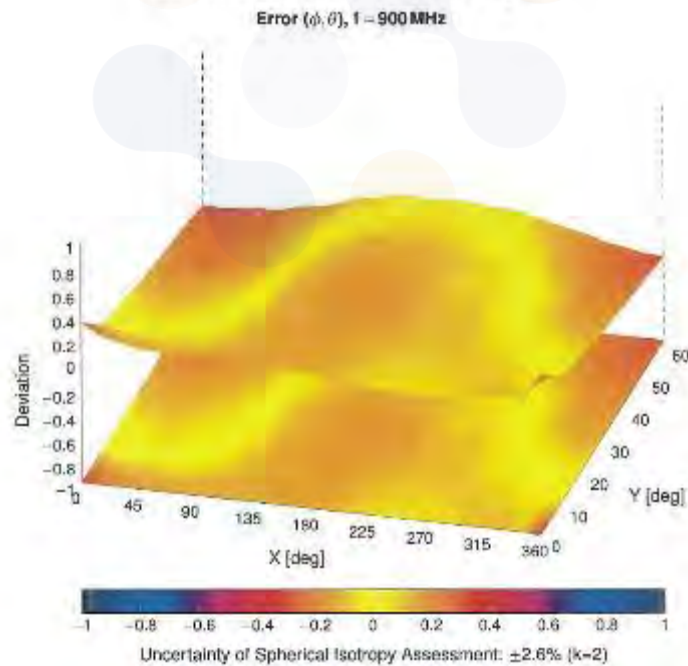
EX3DV4 - SN:3697

April 13, 2023

### Conversion Factor Assessment



### Deviation from Isotropy in Liquid



EX3DV4 -SN:3697

April 13, 2023

**Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>R</sup> & ± 2
0		CW	CW	0.00	±0.0
10010	CAB	SAW Validation (Squats, 100ma, 10ms)	Test	10.00	±0.0
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±0.0
10012	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps)	WLAN	1.87	±0.0
10013	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 6Mbps)	WLAN	3.46	±0.0
10021	DAC	GPRS-FDD (TDMA, GMSK)	GSM	3.20	±0.0
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	3.57	±0.0
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	3.56	±0.0
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±0.0
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±0.0
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.00	±0.0
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±0.0
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.74	±0.0
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	0.30	±0.0
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±0.0
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	7.16	±0.0
10033	CAA	IEEE 802.15.1 Bluetooth (PM-QPSK, DH1)	Bluetooth	7.74	±0.0
10034	CAA	IEEE 802.15.1 Bluetooth (PM-QPSK, DH3)	Bluetooth	-4.53	±0.0
10035	CAA	IEEE 802.15.1 Bluetooth (PM-QPSK, DH5)	Bluetooth	3.53	±0.0
10036	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH1)	Bluetooth	3.01	±0.0
10037	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH3)	Bluetooth	-4.77	±0.0
10038	CAA	IEEE 802.15.1 Bluetooth (8-PSK, DH5)	Bluetooth	4.10	±0.0
10039	CAE	CDMA2000 (1xRTT, RC1)	CDMA2000	4.27	±0.0
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, 1/4-QPSK, Fullrate)	AMPS	7.78	±0.0
10044	CAA	IS-97/IS-136 FDD (TDMA/FDM, 1/4-QPSK, Fullrate)	AMPS	0.00	±0.0
10048	SAW	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±0.0
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±0.0
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28Mbps)	TD-SCDMA	11.01	±0.0
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±0.0
10059	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 2Mbps)	WLAN	2.72	±0.0
10060	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 5.5Mbps)	WLAN	2.80	±0.0
10061	CAB	IEEE 802.11b WiFi 2.4GHz (DSSS, 11Mbps)	WLAN	3.60	±0.0
10062	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 6Mbps)	WLAN	-8.65	±0.0
10063	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 9Mbps)	WLAN	8.63	±0.0
10064	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 12Mbps)	WLAN	9.09	±0.0
10065	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 18Mbps)	WLAN	9.00	±0.0
10066	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 24Mbps)	WLAN	9.38	±0.0
10067	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 36Mbps)	WLAN	10.12	±0.0
10068	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 48Mbps)	WLAN	10.24	±0.0
10069	CAD	IEEE 802.11ah WiFi 5GHz (OFDM, 54Mbps)	WLAN	10.66	±0.0
10071	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 6Mbps)	WLAN	9.92	±0.0
10072	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 12Mbps)	WLAN	5.62	±0.0
10073	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 18Mbps)	WLAN	9.94	±0.0
10074	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 24Mbps)	WLAN	10.50	±0.0
10075	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 36Mbps)	WLAN	10.77	±0.0
10076	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 48Mbps)	WLAN	10.94	±0.0
10077	CAB	IEEE 802.11g WiFi 2.4GHz (DSSS/OFDM, 54Mbps)	WLAN	11.00	±0.0
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±0.0
10082	CAD	IS-54 / IS-136 FDD (TDMA/FDM, 1/4-QPSK, Fullrate)	AMPS	4.77	±0.0
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	3.56	±0.0
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±0.0
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±0.0
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±0.0
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-FDD	5.67	±0.0
10101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	±0.0
10102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	±0.0
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK)	LTE-TDD	5.29	±0.0
10104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM)	LTE-TDD	5.97	±0.0
10105	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TDD	10.00	±0.0
10106	CAH	LTE-FDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-FDD	5.60	±0.0
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 16-QAM)	LTE-FDD	6.43	±0.0
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.73	±0.0
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.44	±0.0

EX3DV4 - SN:3697

April 13, 2023

OID	Rev	Communication System Name	Group	PAR (dB)	Uinc <sup>2</sup> A = 2
10112	DAH	LTE-FDD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-FDD	8.59	-9.0
10113	DAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.82	-9.0
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	6.10	-9.0
10115	CAD	IEEE 802.11n (HT Greenfield, 81Mbps, 16-QAM)	WLAN	6.46	-9.0
10116	CAD	IEEE 802.11n (HT Greenfield, 135Mbps, 64-QAM)	WLAN	6.15	-9.0
10117	CAD	IEEE 802.11n (HT Mixed, 3.5Mbps, BPSK)	WLAN	6.07	-9.0
10118	CAD	IEEE 802.11n (HT Mixed, 81Mbps, 16-QAM)	WLAN	6.55	-9.0
10119	CAD	IEEE 802.11n (HT Mixed, 135Mbps, 64-QAM)	WLAN	6.12	-9.0
10140	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	6.49	-9.0
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.58	-9.0
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FDD	5.73	-9.0
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-FDD	6.26	-9.0
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-FDD	6.65	-9.0
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-FDD	5.76	-9.0
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	-9.0
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.72	-9.0
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-FDD	6.42	-9.0
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-FDD	6.60	-9.0
10151	DAH	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	6.28	-9.0
10152	DAH	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 16-QAM)	LTE-FDD	6.52	-9.0
10153	DAH	LTE-FDD (SC-FDMA, 50% RB, 20MHz, 64-QAM)	LTE-FDD	6.65	-9.0
10154	DAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-FDD	5.75	-9.0
10155	DAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 16-QAM)	LTE-FDD	6.43	-9.0
10156	DAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-FDD	5.78	-9.0
10157	DAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 16-QAM)	LTE-FDD	6.48	-9.0
10158	DAH	LTE-FDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-FDD	6.62	-9.0
10159	DAH	LTE-FDD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-FDD	6.06	-9.0
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	-9.0
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.43	-9.0
10162	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-FDD	6.58	-9.0
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FDD	5.48	-9.0
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.21	-9.0
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-FDD	6.73	-9.0
10169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.73	-9.0
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	6.52	-9.0
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FDD	6.49	-9.0
10172	DAH	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.21	-9.0
10173	DAH	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FDD	5.48	-9.0
10174	DAH	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FDD	6.25	-9.0
10175	DAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	-9.0
10176	DAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-FDD	6.32	-9.0
10177	DAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.75	-9.0
10178	DAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-FDD	6.52	-9.0
10179	DAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-FDD	6.50	-9.0
10180	DAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FDD	6.50	-9.0
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	-9.0
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FDD	6.32	-9.0
10183	AAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDD	6.50	-9.0
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-FDD	5.75	-9.0
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FDD	6.21	-9.0
10186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6.50	-9.0
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-FDD	5.73	-9.0
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FDD	6.52	-9.0
10189	AVG	LTE-FDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-FDD	6.36	-9.0
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5Mbps, BPSK)	WLAN	6.09	-9.0
10194	CAD	IEEE 802.11n (HT Greenfield, 81Mbps, 16-QAM)	WLAN	6.12	-9.0
10195	CAD	IEEE 802.11n (HT Greenfield, 66Mbps, 64-QAM)	WLAN	6.21	-9.0
10196	CAD	IEEE 802.11n (HT Mixed, 6.5Mbps, BPSK)	WLAN	6.10	-9.0
10197	CAD	IEEE 802.11n (HT Mixed, 39Mbps, 16-QAM)	WLAN	6.13	-9.0
10198	CAD	IEEE 802.11n (HT Mixed, 56Mbps, 64-QAM)	WLAN	6.27	-9.0
10219	CAD	IEEE 802.11n (HT Mixed, 7.2Mbps, BPSK)	WLAN	6.03	-9.0
10220	CAD	IEEE 802.11n (HT Mixed, 43.8Mbps, 16-QAM)	WLAN	6.13	-9.0
10221	CAD	IEEE 802.11n (HT Mixed, 72.2Mbps, 64-QAM)	WLAN	6.27	-9.0
10222	CAD	IEEE 802.11n (HT Mixed, 15Mbps, BPSK)	WLAN	6.06	-9.0
10223	CAD	IEEE 802.11n (HT Mixed, 90Mbps, 16-QAM)	WLAN	6.48	-9.0
10224	CAD	IEEE 802.11n (HT Mixed, 153Mbps, 64-QAM)	WLAN	6.08	-9.0

EX3DV4 - SN:3697

April 13, 2023

UID	Rev	Communication System Name	Group	PAR [dB]	Unc <sup>2</sup> κ = 2
10225	CAC	UMTS-FDD (HSRPA+)	WCDMA	5.97	+9.8
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TDD	3.49	+9.8
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-TDD	10.26	+9.8
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK)	LTE-TDD	3.22	+9.8
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	3.48	+9.8
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	3.18	+9.8
10232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	+9.8
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	+9.8
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.88	+9.8
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	+9.8
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	+9.8
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	+9.8
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	+9.8
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-TDD	9.22	+9.8
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM)	LTE-TDD	9.66	+9.8
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TDD	9.46	+9.8
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	+9.8
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	+9.8
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	+9.8
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	+9.8
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	+9.8
10249	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	3.29	+9.8
10250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	+9.8
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	+9.8
10252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.29	+9.8
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	8.80	+9.8
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	+9.8
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	8.20	+9.8
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	5.86	+9.8
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	+9.8
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.94	+9.8
10259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	+9.8
10260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	+9.8
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	+9.8
10262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.85	+9.8
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	+9.8
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	+9.8
10265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	+9.8
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	+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	10.35	+9.8
10269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	+9.8
10270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	3.58	+9.8
10271	CAC	UMTS-FDD (HSUPA, Subset 5, 3GPP Rel8.4)	WCDMA	4.87	+9.8
10275	CAC	UMTS-FDD (HSUPA, Subset 5, 2GPP Rel8.4)	WCDMA	3.86	+9.8
10277	CAH	PHS (QPSK)	PHS	11.81	+9.8
10278	CAH	PHS (QPSK, BW 884MHz, Roll-off 0.5)	PHS	11.81	+9.8
10279	CAH	PHS (QPSK, BW 884MHz, Roll-off 0.38)	PHS	12.18	+9.8
10290	AAB	CDMA2000, RC1, SOSS, Full Rate	CDMA2000	3.91	+9.8
10291	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	3.46	+9.8
10292	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	3.36	+9.8
10293	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	3.50	+9.8
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 2D Ir	CDMA2000	12.48	+9.8
10297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	9.81	+9.8
10298	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.72	+9.8
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	5.33	+9.8
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	8.80	+9.8
10301	AAA	IEEE 802.16e WMAX (29.16, 5ms, 10MHz, QPSK, PUSC)	WMAX	12.03	+9.8
10302	AAA	IEEE 802.16e WMAX (29.16, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	+9.8
10303	AAA	IEEE 802.16e WMAX (31.15, 5ms, 10MHz, 64QAM, PUSC)	WMAX	12.52	+9.8
10304	AAA	IEEE 802.16e WMAX (29.16, 5ms, 10MHz, 64QAM, PUSC)	WMAX	11.85	+9.8
10305	AAA	IEEE 802.16e WMAX (31.15, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	+9.8
10306	AAA	IEEE 802.16e WMAX (29.16, 10ms, 10MHz, 64QAM, PUSC, 15 symbols)	WMAX	14.67	+9.8



EX3DV4 - SN:3697

April 18, 2023

UID	Rev	Communication System Name	Group	PAF (dB)	Uhc <sup>F</sup> β=2
10207	AAA	IEEE 802.16e WIMAX (20-18, 10 ms, 10MHz, QPSK, PLTSC, 10 symbols)	WIMAX	14.48	+9.6
10208	AAA	IEEE 802.16e WIMAX (20-18, 10 ms, 10MHz, 16QAM, PLTSC)	WIMAX	14.48	+9.6
10209	AAA	IEEE 802.16e WIMAX (20-18, 10 ms, 10MHz, 16QAM, AAC 2x3, 10 symbols)	WIMAX	14.50	+9.6
10210	AAA	IEEE 802.16e WIMAX (20-18, 10 ms, 10MHz, QPSK, AAC 2x3, 10 symbols)	WIMAX	14.57	+9.6
10211	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	6.06	+9.6
10212	AAA	IDEN 1.3	IDEN	10.4	+9.6
10214	AAA	IDEN 1.6	IDEN	12.48	+9.6
10215	AAE	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps, 99pc duty cycle)	WLAN	1.7	+9.6
10216	AAE	IEEE 802.11g WiFi 2.4GHz (ERP-OFDM, 6Mbps, 99pc duty cycle)	WLAN	2.26	+9.6
10217	AAE	IEEE 802.11a WiFi 5GHz (OFDM, 6Mbps, 99pc duty cycle)	WLAN	2.26	+9.6
10252	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	+9.6
10253	AAA	Pulse Waveform (200Hz, 20%)	Generic	9.20	+9.6
10254	AAA	Pulse Waveform (200Hz, 40%)	Generic	8.36	+9.6
10255	AAA	Pulse Waveform (200Hz, 60%)	Generic	7.22	+9.6
10256	AAA	Pulse Waveform (200Hz, 80%)	Generic	5.97	+9.6
10267	AAA	QPSK Waveform, 1MHz	Generic	5.13	+9.6
10268	AAA	QPSK Waveform, 10MHz	Generic	6.22	+9.6
10269	AAA	64-QAM Waveform, 100kHz	Generic	6.27	+9.6
10269	AAA	64-QAM Waveform, 40MHz	Generic	6.27	+9.6
10400	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN	6.37	+9.6
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	6.60	+9.6
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN	6.53	+9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.78	+9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	+9.6
10408	AAB	CDMA2000, RCS, 3032, SCH2, Full Rate	CDMA2000	6.22	+9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Comb=1)	LTE-TDD	7.82	+9.6
10414	AAA	WLAN (CDF, 64-QAM, 40MHz)	Generic	6.04	+9.6
10415	AAA	IEEE 802.11b WiFi 2.4GHz (DSSS, 1Mbps, 99pc duty cycle)	WLAN	1.74	+9.6
10416	AAA	IEEE 802.11g WiFi 2.4GHz (ERP-OFDM, 6Mbps, 99pc duty cycle)	WLAN	2.29	+9.6
10417	AAC	IEEE 802.11ah WiFi 5GHz (OFDM, 8Mbps, 99pc duty cycle)	WLAN	5.25	+9.6
10418	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 5Mbps, 99pc duty cycle, long preamble)	WLAN	6.14	+9.6
10419	AAA	IEEE 802.11g WiFi 2.4GHz (DSSS-OFDM, 8Mbps, 99pc duty cycle, Short Preamble)	WLAN	6.19	+9.6
10422	AAE	IEEE 802.11n (HT Greenfield), 7.2Mbps, 64-QAM	WLAN	6.32	+9.6
10423	AAC	IEEE 802.11n (HT Greenfield), 14.4Mbps, 64-QAM	WLAN	6.47	+9.6
10424	AAC	IEEE 802.11n (HT Greenfield), 28.8Mbps, 64-QAM	WLAN	6.43	+9.6
10425	AAC	IEEE 802.11n (HT Greenfield), 57.6Mbps, 64-QAM	WLAN	6.41	+9.6
10426	AAC	IEEE 802.11n (HT Greenfield), 115.2Mbps, 64-QAM	WLAN	6.45	+9.6
10427	AAC	IEEE 802.11n (HT Greenfield), 150Mbps, 64-QAM	WLAN	6.41	+9.6
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 8.1)	LTE-FDD	6.28	+9.6
10431	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 8.1)	LTE-FDD	6.36	+9.6
10432	AAE	LTE-FDD (OFDMA, 15MHz, E-TM 8.1)	LTE-FDD	6.34	+9.6
10433	AAE	LTE-FDD (OFDMA, 20MHz, E-TM 8.1)	LTE-FDD	6.34	+9.6
10434	AAB	WCDMA (BS Test Model 1, 64 DPCH)	WCDMA	6.00	+9.6
10435	AAE	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.92	+9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 8.1, Clipping 44%)	LTE-FDD	7.16	+9.6
10448	AAE	LTE-FDD (OFDMA, 10MHz, E-TM 8.1, Clipping 44%)	LTE-FDD	7.22	+9.6
10448	AAE	LTE-FDD (OFDMA, 15MHz, E-TM 8.1, Clipping 44%)	LTE-FDD	7.21	+9.6
10450	AAE	LTE-FDD (OFDMA, 20MHz, E-TM 8.1, Clipping 44%)	LTE-FDD	7.48	+9.6
10451	AAE	WCDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.50	+9.6
10463	AAE	Validation (Square, 10ms, 1ms)	Test	10.00	+9.6
10466	AAC	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN	6.53	+9.6
10467	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	+9.6
10468	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.25	+9.6
10469	AAA	CDMA2000 (1xEV-DO, Rev. E, 3 carriers)	CDMA2000	6.25	+9.6
10470	AAB	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	+9.6
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.02	+9.6
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.30	+9.6
10473	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.58	+9.6
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.02	+9.6
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.32	+9.6
10476	AAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.57	+9.6
10477	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.22	+9.6
10478	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.32	+9.6
10479	AAE	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.56	+9.6
10480	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.22	+9.6
10481	AAE	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	6.32	+9.6

EX3DV4 - SN:3697

April 18, 2023

UID	File	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> # = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.92	+9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	+9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.57	+9.6
10479	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10480	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.18	+9.6
10481	AAG	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.48	+9.6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	+9.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.32	+9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	+9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.59	+9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.08	+9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.60	+9.6
10488	AAG	LTE-TDD (SC-FDMA, 60% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.70	+9.6
10489	AAG	LTE-TDD (SC-FDMA, 60% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	+9.6
10490	AAG	LTE-TDD (SC-FDMA, 60% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	+9.6
10491	AAF	LTE-TDD (SC-FDMA, 60% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10492	AAF	LTE-TDD (SC-FDMA, 60% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	+9.6
10493	AAF	LTE-TDD (SC-FDMA, 60% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	+9.6
10494	AAF	LTE-TDD (SC-FDMA, 60% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.78	+9.6
10495	AAG	LTE-TDD (SC-FDMA, 60% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	+9.6
10496	AAG	LTE-TDD (SC-FDMA, 60% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.64	+9.6
10497	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	+9.6
10498	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	+9.6
10499	AAG	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	+9.6
10500	AAG	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	+9.6
10501	AAG	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	+9.6
10502	AAG	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	+9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.78	+9.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	+9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.94	+9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	+9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.35	+9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	+9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	+9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	+9.6
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	+9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	+9.6
10513	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	+9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.95	+9.6
10515	AAW	IEEE 802.11a WiFi 2.4GHz (DSSS, 2Mbps, 99pc duty cycle)	WLAN	1.00	+9.6
10516	AAW	IEEE 802.11a WiFi 2.4GHz (DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.57	+9.6
10517	AAW	IEEE 802.11a WiFi 2.4GHz (DSSS, 11Mbps, 99pc duty cycle)	WLAN	1.58	+9.6
10518	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 9Mbps, 99pc duty cycle)	WLAN	6.25	+9.6
10519	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 12Mbps, 99pc duty cycle)	WLAN	6.35	+9.6
10520	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 18Mbps, 99pc duty cycle)	WLAN	6.72	+9.6
10521	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 24Mbps, 99pc duty cycle)	WLAN	7.07	+9.6
10522	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 36Mbps, 99pc duty cycle)	WLAN	8.45	+9.6
10523	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 48Mbps, 99pc duty cycle)	WLAN	8.08	+9.6
10524	AAC	IEEE 802.11a WiFi 5GHz (OFDM, 54Mbps, 99pc duty cycle)	WLAN	8.27	+9.6
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.35	+9.6
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	+9.6
10527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	+9.6
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.35	+9.6
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN	8.26	+9.6
10531	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 99pc duty cycle)	WLAN	8.43	+9.6
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.20	+9.6
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle)	WLAN	8.38	+9.6
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	8.45	+9.6
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	+9.6
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	8.22	+9.6
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	+9.6
10538	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	8.54	+9.6
10540	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.50	+9.6

EX3DV4 - SN:3697

April 13, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>F</sup> k-2
10541	AAC	IEEE 802.11ac WiFi (40 MHz), MCS7, 89pc duty cycle)	WLAN	8.46	-1.8
10542	AAC	IEEE 802.11ac WiFi (40 MHz), MCS8, 89pc duty cycle)	WLAN	8.65	-1.8
10543	AAC	IEEE 802.11ac WiFi (40 MHz), MCS9, 89pc duty cycle)	WLAN	8.65	-1.8
10544	AAC	IEEE 802.11ac WiFi (80 MHz), MCS0, 89pc duty cycle)	WLAN	8.47	-1.8
10545	AAC	IEEE 802.11ac WiFi (80 MHz), MCS1, 89pc duty cycle)	WLAN	8.55	-1.8
10546	AAC	IEEE 802.11ac WiFi (80 MHz), MCS2, 89pc duty cycle)	WLAN	8.25	-1.8
10547	AAC	IEEE 802.11ac WiFi (80 MHz), MCS3, 89pc duty cycle)	WLAN	8.49	-1.8
10548	AAC	IEEE 802.11ac WiFi (80 MHz), MCS4, 89pc duty cycle)	WLAN	8.27	-1.8
10549	AAC	IEEE 802.11ac WiFi (80 MHz), MCS5, 89pc duty cycle)	WLAN	8.35	-1.8
10551	AAC	IEEE 802.11ac WiFi (80 MHz), MCS7, 89pc duty cycle)	WLAN	8.50	-1.8
10552	AAC	IEEE 802.11ac WiFi (80 MHz), MCS8, 89pc duty cycle)	WLAN	8.42	-1.8
10553	AAC	IEEE 802.11ac WiFi (80 MHz), MCS9, 89pc duty cycle)	WLAN	8.45	-1.8
10554	AAC	IEEE 802.11ac WiFi (160 MHz), MCS0, 89pc duty cycle)	WLAN	8.48	-1.8
10555	AAC	IEEE 802.11ac WiFi (160 MHz), MCS1, 89pc duty cycle)	WLAN	8.47	-1.8
10558	AAC	IEEE 802.11ac WiFi (160 MHz), MCS2, 89pc duty cycle)	WLAN	8.50	-1.8
10557	AAC	IEEE 802.11ac WiFi (160 MHz), MCS3, 89pc duty cycle)	WLAN	8.52	-1.8
10558	AAC	IEEE 802.11ac WiFi (160 MHz), MCS4, 89pc duty cycle)	WLAN	8.81	-1.8
10560	AAC	IEEE 802.11ac WiFi (160 MHz), MCS5, 89pc duty cycle)	WLAN	8.73	-1.8
10561	AAC	IEEE 802.11ac WiFi (160 MHz), MCS7, 89pc duty cycle)	WLAN	8.58	-1.8
10562	AAC	IEEE 802.11ac WiFi (160 MHz), MCS8, 89pc duty cycle)	WLAN	8.89	-1.8
10563	AAC	IEEE 802.11ac WiFi (160 MHz), MCS9, 89pc duty cycle)	WLAN	8.77	-1.8
10584	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.25	-1.8
10585	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.45	-1.8
10586	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.18	-1.8
10587	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.00	-1.8
10588	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.57	-1.8
10589	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.10	-1.8
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.20	-1.8
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	7.56	-1.8
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	7.56	-1.8
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 3 Mbps, 90pc duty cycle)	WLAN	7.90	-1.8
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 4 Mbps, 90pc duty cycle)	WLAN	7.90	-1.8
10575	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 5 Mbps, 90pc duty cycle)	WLAN	8.09	-1.8
10576	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.40	-1.8
10577	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.70	-1.8
10578	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.40	-1.8
10579	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.38	-1.8
10590	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.78	-1.8
10591	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	-1.8
10592	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	-1.8
10583	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.89	-1.8
10584	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	-1.8
10585	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	-1.8
10586	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	-1.8
10587	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.98	-1.8
10588	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	-1.8
10589	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	-1.8
10590	AAC	IEEE 802.11ah WiFi 5 GHz (OFDM, 64 Mbps, 90pc duty cycle)	WLAN	8.67	-1.8
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS0, 90pc duty cycle)	WLAN	8.05	-1.8
10592	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS1, 90pc duty cycle)	WLAN	8.79	-1.8
10593	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS2, 90pc duty cycle)	WLAN	8.54	-1.8
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS3, 90pc duty cycle)	WLAN	8.74	-1.8
10595	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS4, 90pc duty cycle)	WLAN	8.74	-1.8
10596	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS5, 90pc duty cycle)	WLAN	8.71	-1.8
10597	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS6, 90pc duty cycle)	WLAN	8.72	-1.8
10598	AAC	IEEE 802.11n (HT Mixed, 20 MHz), MCS7, 90pc duty cycle)	WLAN	8.80	-1.8
10599	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS0, 90pc duty cycle)	WLAN	8.79	-1.8
10600	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS1, 90pc duty cycle)	WLAN	8.88	-1.8
10601	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS2, 90pc duty cycle)	WLAN	8.89	-1.8
10602	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS3, 90pc duty cycle)	WLAN	8.84	-1.8
10603	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS4, 90pc duty cycle)	WLAN	8.83	-1.8
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS5, 90pc duty cycle)	WLAN	8.76	-1.8
10605	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS6, 90pc duty cycle)	WLAN	8.97	-1.8
10606	AAC	IEEE 802.11n (HT Mixed, 40 MHz), MCS7, 90pc duty cycle)	WLAN	8.82	-1.8
10607	AAC	IEEE 802.11ac WiFi (20 MHz), MCS0, 89pc duty cycle)	WLAN	8.64	-1.8
10608	AAC	IEEE 802.11ac WiFi (20 MHz), MCS1, 89pc duty cycle)	WLAN	8.77	-1.8

EX30V4 - SN:3897

April 13, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sub>FW</sub> - 2
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±9.6
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.95	±9.6
10625	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.98	±9.6
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.93	±9.6
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.89	±9.6
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10634	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.87	±9.6
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.85	±9.6
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.78	±9.6
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	±9.6
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	8.95	±9.6
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	8.95	±9.6
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.99	±9.6
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	8.95	±9.6
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	8.71	±9.6
10646	AAB	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.95	±9.6
10647	AAB	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.95	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAB	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	8.51	±9.6
10653	AAB	LTE-TDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.48	±9.6
10654	AAB	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10655	AAB	LTE-TDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	5.99	±9.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.95	±9.6
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
10662	AAB	Pulse Waveform (200Hz, 80%)	Test	0.97	±9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	±9.6
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	8.09	±9.6
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.6
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.80	±9.6
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.6
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.70	±9.6
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.88	±9.6
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.82	±9.6
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.88	±9.6
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	8.42	±9.6
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.35	±9.6
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.28	±9.6

EX3DV4 - SN:3697

April 13, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>2</sup> A-2
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	+9.6
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)	WLAN	8.23	+9.6
10689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	+9.6
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.25	+9.6
10691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc duty cycle)	WLAN	8.25	+9.6
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.23	+9.6
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)	WLAN	8.25	+9.6
10694	AAC	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	+9.6
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.76	+9.6
10696	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)	WLAN	8.91	+9.6
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)	WLAN	8.61	+9.6
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)	WLAN	8.89	+9.6
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)	WLAN	8.82	+9.6
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)	WLAN	8.73	+9.6
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)	WLAN	8.86	+9.6
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.73	+9.6
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.82	+9.6
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle)	WLAN	8.58	+9.6
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)	WLAN	8.69	+9.6
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)	WLAN	8.88	+9.6
10707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.32	+9.6
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)	WLAN	8.55	+9.6
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)	WLAN	8.38	+9.6
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)	WLAN	8.25	+9.6
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)	WLAN	8.25	+9.6
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)	WLAN	8.87	+9.6
10713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)	WLAN	8.33	+9.6
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.35	+9.6
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.45	+9.6
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle)	WLAN	8.30	+9.6
10717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)	WLAN	8.69	+9.6
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)	WLAN	8.64	+9.6
10719	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.81	+9.6
10720	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.87	+9.6
10721	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.76	+9.6
10722	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.55	+9.6
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.70	+9.6
10724	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.56	+9.6
10725	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.74	+9.6
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.72	+9.6
10727	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.65	+9.6
10728	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.65	+9.6
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.34	+9.6
10730	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.57	+9.6
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.42	+9.6
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.48	+9.6
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.40	+9.6
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.25	+9.6
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	+9.6
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.27	+9.6
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.26	+9.6
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.42	+9.6
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.29	+9.6
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.48	+9.6
10741	AAC	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.40	+9.6
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.48	+9.6
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.34	+9.6
10744	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.16	+9.6
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.33	+9.6
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.11	+9.6
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.04	+9.6
10748	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.83	+9.6
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.30	+9.6
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.75	+9.6
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.82	+9.6
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)	WLAN	8.81	+9.6

EX3DV4 - SN:3897

April 13, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>5</sup> k = 2
10752	AAC	IEEE 802.11ax (160MHz, MCS10, 80psduty cycle)	WLAN	8.00	-19.6
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 80psduty cycle)	WLAN	8.04	-19.6
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 80psduty cycle)	WLAN	8.09	-19.6
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 80psduty cycle)	WLAN	8.77	-19.6
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 80psduty cycle)	WLAN	8.77	-19.6
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 80psduty cycle)	WLAN	8.69	-19.6
10758	AAC	IEEE 802.11ax (160MHz, MCS4, 80psduty cycle)	WLAN	8.69	-19.6
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 80psduty cycle)	WLAN	8.49	-19.6
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 80psduty cycle)	WLAN	8.58	-19.6
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 80psduty cycle)	WLAN	8.49	-19.6
10762	AAC	IEEE 802.11ax (160MHz, MCS8, 80psduty cycle)	WLAN	8.53	-19.6
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 80psduty cycle)	WLAN	8.54	-19.6
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 80psduty cycle)	WLAN	8.54	-19.6
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 80psduty cycle)	WLAN	8.51	-19.6
10767	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	7.59	-19.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	-19.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	-19.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	-19.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	-19.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	-19.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	-19.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	-19.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 6MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	-19.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 6MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	-19.6
10777	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.30	-19.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.34	-19.6
10779	AAD	5G NR (CP-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.02	-19.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	-19.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.39	-19.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.43	-19.6
10783	AAD	5G NR (CP-OFDM, 100% RB, 6MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	-19.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	-19.6
10785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.40	-19.6
10786	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	-19.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.44	-19.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.38	-19.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.37	-19.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.25	-19.6
10791	AAD	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.63	-19.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.92	-19.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.95	-19.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.87	-19.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.84	-19.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.82	-19.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.01	-19.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	-19.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	-19.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.80	-19.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.87	-19.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.93	-19.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.36	-19.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.37	-19.6
10808	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.24	-19.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.24	-19.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.35	-19.6
10817	AAD	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.25	-19.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	-19.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.33	-19.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.30	-19.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.47	-19.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	-19.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.36	-19.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.30	-19.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.41	-19.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.42	-19.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.43	-19.6

EX3DV4 - SN:3697

April 18, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>95%</sup> K = 2
10829	AAD	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.40	-9.5
10830	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.63	-9.5
10831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.73	-9.5
10832	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.74	-9.5
10833	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.70	-9.8
10834	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.75	-9.8
10835	AAD	5G NR (CP-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.70	-9.8
10836	AAD	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.66	-9.8
10837	AAD	5G NR (CP-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.66	-9.8
10838	AAD	5G NR (CP-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.70	-9.8
10840	AAD	5G NR (CP-OFDM, 1 RB, 90MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.67	-9.8
10841	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.71	-9.8
10843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.49	-9.8
10844	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	-9.8
10848	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	-9.8
10854	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	-9.8
10855	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.36	-9.8
10856	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.37	-9.8
10857	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.35	-9.8
10858	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.36	-9.8
10859	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.34	-9.8
10860	AAD	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.47	-9.8
10861	AAD	5G NR (CP-OFDM, 100% RB, 60MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.40	-9.8
10862	AAD	5G NR (CP-OFDM, 100% RB, 80MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	-9.8
10864	AAD	5G NR (CP-OFDM, 100% RB, 90MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.37	-9.8
10865	AAD	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	-9.8
10866	AAD	5G NR (DFTs-OFDM, 1 RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.66	-9.8
10868	AAD	5G NR (DFTs-OFDM, 100% RB, 100MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.69	-9.8
10869	AAE	5G NR (DFTs-OFDM, 1 RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.75	-9.8
10870	AAE	5G NR (DFTs-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.69	-9.8
10871	AAE	5G NR (DFTs-OFDM, 1 RB, 100MHz, 16QAM, 120kHz)	5G NR FR2 TDD	5.75	-9.8
10872	AAE	5G NR (DFTs-OFDM, 100% RB, 100MHz, 16QAM, 120kHz)	5G NR FR2 TDD	5.62	-9.8
10873	AAE	5G NR (DFTs-OFDM, 1 RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TDD	5.81	-9.8
10874	AAE	5G NR (DFTs-OFDM, 100% RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TDD	6.65	-9.8
10875	AAE	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	7.78	-9.8
10878	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	8.39	-9.8
10877	AAE	5G NR (CP-OFDM, 1 RB, 100MHz, 16QAM, 120kHz)	5G NR FR2 TDD	7.85	-9.8
10878	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, 16QAM, 120kHz)	5G NR FR2 TDD	8.41	-9.8
10879	AAE	5G NR (CP-OFDM, 1 RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TDD	8.12	-9.8
10880	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TDD	8.28	-9.8
10881	AAE	5G NR (DFTs-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.75	-9.8
10882	AAE	5G NR (DFTs-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	5.96	-9.8
10883	AAE	5G NR (DFTs-OFDM, 1 RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	5.67	-9.8
10884	AAE	5G NR (DFTs-OFDM, 100% RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	6.52	-9.8
10885	AAE	5G NR (DFTs-OFDM, 1 RB, 50MHz, 64QAM, 120kHz)	5G NR FR2 TDD	6.61	-9.8
10886	AAE	5G NR (DFTs-OFDM, 100% RB, 50MHz, 64QAM, 120kHz)	5G NR FR2 TDD	6.75	-9.8
10887	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	7.76	-9.8
10888	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	5G NR FR2 TDD	8.35	-9.8
10889	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	8.32	-9.8
10890	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDD	8.40	-9.8
10891	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 64QAM, 120kHz)	5G NR FR2 TDD	8.13	-9.8
10892	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120kHz)	5G NR FR2 TDD	8.41	-9.8
10897	AAC	5G NR (DFTs-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10899	AAB	5G NR (DFTs-OFDM, 1 RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.67	-9.8
10899	AAB	5G NR (DFTs-OFDM, 1 RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.67	-9.8
10900	AAB	5G NR (DFTs-OFDM, 1 RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10901	AAR	5G NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10902	AAB	5G NR (DFTs-OFDM, 1 RB, 30MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10903	AAB	5G NR (DFTs-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10904	AAB	5G NR (DFTs-OFDM, 1 RB, 60MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10905	AAB	5G NR (DFTs-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10906	AAB	5G NR (DFTs-OFDM, 1 RB, 80MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.68	-9.8
10907	AAC	5G NR (DFTs-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.78	-9.8
10908	AAB	5G NR (DFTs-OFDM, 50% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.93	-9.8
10909	AAR	5G NR (DFTs-OFDM, 50% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.93	-9.8
10910	AAR	5G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.93	-9.8

EX3DV4 - SN:3697

April 13, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Uplc <sup>2</sup> A = 2
10971	AAB	5G NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.93	-9.0
10972	AAB	5G NR (DFTs-OFDM, 50% RB, 30 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	-9.0
10973	AAB	5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	-9.0
10974	AAB	5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.95	-9.0
10975	AAB	5G NR (DFTs-OFDM, 50% RB, 60 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.95	-9.0
10976	AAB	5G NR (DFTs-OFDM, 50% RB, 80 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.97	-9.0
10977	AAB	5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.94	-9.0
10978	AAC	5G NR (DFTs-OFDM, 100% RB, 5 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	-9.5
10979	AAB	5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	-9.5
10980	AAB	5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.87	-9.8
10981	AAB	5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	-9.8
10982	AAB	5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.82	-9.8
10983	AAB	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	-9.8
10984	AAB	5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	-9.8
10985	AAB	5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.85	-9.8
10986	AAB	5G NR (DFTs-OFDM, 100% RB, 60 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	-9.8
10987	AAB	5G NR (DFTs-OFDM, 100% RB, 80 MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.84	-9.8
10988	AAC	5G NR (DFTs-OFDM, 1 RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	-9.6
10989	AAC	5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	-9.6
10990	AAC	5G NR (DFTs-OFDM, 1 RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	-9.6
10991	AAC	5G NR (DFTs-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	-9.6
10992	AAC	5G NR (DFTs-OFDM, 1 RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	-9.6
10993	AAC	5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	-9.6
10994	AAC	5G NR (DFTs-OFDM, 1 RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	-9.6
10995	AAD	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	-9.6
10996	AAC	5G NR (DFTs-OFDM, 50% RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.80	-9.0
10997	AAC	5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.77	-9.6
10998	AAC	5G NR (DFTs-OFDM, 50% RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.80	-9.3
10999	AAC	5G NR (DFTs-OFDM, 50% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	-9.3
10940	AAC	5G NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.80	-9.3
10941	AAC	5G NR (DFTs-OFDM, 50% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	-9.8
10942	AAC	5G NR (DFTs-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	-9.8
10943	AAC	5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	-9.8
10944	AAC	5G NR (DFTs-OFDM, 100% RB, 5 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	-9.8
10945	AAC	5G NR (DFTs-OFDM, 100% RB, 10 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	-9.8
10946	AAC	5G NR (DFTs-OFDM, 100% RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	-9.8
10947	AAC	5G NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	-9.6
10948	AAC	5G NR (DFTs-OFDM, 100% RB, 25 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.84	-9.8
10949	AAC	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.87	-9.6
10950	AAC	5G NR (DFTs-OFDM, 100% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.84	-9.6
10951	AAC	5G NR (DFTs-OFDM, 100% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	-9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	-9.0
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.15	-9.0
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.23	-9.0
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.48	-9.0
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.14	-9.5
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.3	-9.5
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.61	-9.8
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.33	-9.8
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.32	-9.8
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.36	-9.8
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.40	-9.6
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	8.55	-9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	8.29	-9.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	8.87	-9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	8.55	-9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	8.49	-9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	-9.0
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 TDD	11.88	-9.0
10973	AAB	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.08	-9.0
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	-9.8
10978	AAA	ULLA HDR	ULLA	1.16	-9.0
10979	AAA	ULLA HDR4	ULLA	8.58	-9.0
10980	AAA	ULLA HDR8	ULLA	10.35	-9.0
10981	AAA	ULLA HDRp4	ULLA	3.19	-9.0
10982	AAA	ULLA HDRp8	ULLA	3.43	-9.0



EX3DV4 - SN:3697

Apr 13, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>F</sup> $k = 2$
10993	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15MHz)	5G NR FR1 TDD	9.31	±8.0
10994	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15MHz)	5G NR FR1 TDD	9.47	±8.0
10995	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	9.54	±8.0
10996	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	9.50	±8.0
10997	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	9.53	±8.0
10998	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	9.39	±8.0
10999	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	9.33	±8.0
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	9.52	±8.0
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15MHz)	5G NR FR1 TDD	10.24	±9.0
11004	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30MHz)	5G NR FR1 TDD	0.73	±9.0
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15MHz)	5G NR FR1 FDD	8.70	±9.0
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15MHz)	5G NR FR1 FDD	8.55	±9.0
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15MHz)	5G NR FR1 FDD	8.48	±9.0
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15MHz)	5G NR FR1 FDD	8.57	±9.0
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 35 MHz, 64-QAM, 30MHz)	5G NR FR1 FDD	8.78	±9.0
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 20MHz)	5G NR FR1 FDD	8.95	±9.0
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 20MHz)	5G NR FR1 FDD	8.80	±9.0
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 20MHz)	5G NR FR1 FDD	8.68	±9.0
11013	AAA	IEEE 802.11be (320MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.0
11014	AAA	IEEE 802.11be (320MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.0
11015	AAA	IEEE 802.11be (320MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.0
11016	AAA	IEEE 802.11be (320MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.0
11017	AAA	IEEE 802.11be (320MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.0
11018	AAA	IEEE 802.11be (320MHz, MCS6, 99pc duty cycle)	WLAN	8.40	±9.0
11019	AAA	IEEE 802.11be (320MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.0
11020	AAA	IEEE 802.11be (320MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.0
11021	AAA	IEEE 802.11be (320MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.0
11022	AAA	IEEE 802.11be (320MHz, MCS10, 99pc duty cycle)	WLAN	8.38	±9.0
11023	AAA	IEEE 802.11be (320MHz, MCS11, 99pc duty cycle)	WLAN	8.33	±9.0
11024	AAA	IEEE 802.11be (320MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.0
11025	AAA	IEEE 802.11be (320MHz, MCS13, 99pc duty cycle)	WLAN	8.57	±9.0
11026	AAA	IEEE 802.11be (320MHz, MCS14, 99pc duty cycle)	WLAN	8.38	±9.0

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