

# Appendix F. – Probe Calibration Data

F-TP22-03 (Rev. 05) Page 1 of 138



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

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdienst
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S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)
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Gyeonggi-do, Republic of Kores

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Certificate No.

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EX-7681 Nov23

Object

Calibration procedure(s)

CALIBRATION CERTIFICATE

QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

EX3DV4 - SN:7681

Calibration procedure for dosimetric E-field probes

Calibration date November 27, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	06-Oct-23 (OCP-DAK3.5-1249 Oct23)	Oct-24
OCP DAK-12	SN: 1016	05-Oct-23 (OCP-DAK12-1016 Oct23)	Oct-24
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-860 Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013 Jan23)	Jan-24

Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293674	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8548C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (In house check Oct-22)	In house check: Oct-24

Name Function Signature
Calibrated by Jeton Kastrasi Laboratory Technician

Approved by Sven Kühn Technical Manager

Issued: November 27, 2023

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

Certificate No: EX-7881 Nov23

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#### Calibration Laboratory of

Schmid & Partner Engineering AG

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#### Glossary

TSL tissue simulating liquid NORMx,y,z sensitivity in free space ConvF sensitivity in TSL / NORMx,y,z OCP 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 # ## Protetton around an axis that is in the plane normal to probe axis (at measurement center), i.e., # = 0 is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

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

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

#### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization ∂ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E²-field uncertainty inside TSL (see below ConvF).
- NORIM(flx,y,z = NORIMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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November 27, 2023

#### Parameters of Probe: EX3DV4 - SN:7681

#### **Basic Calibration Parameters**

\$	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.68	0.66	0.69	±10.1%
DCP (mV) B	105,3	105.5	103.3	±4.7%

#### Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	WR mV	Max dev.	Max Unc <sup>II</sup> k = 2	
0	CW	X	0.00	0.00	1.00	0.00	125.0	±2.4%	±4.7%	
		Y	0.00	0.00	1.00		109.3			
		Z	0.00	0.00	1.00		123.9			
10352	Pulse Waveform (200Hz, 10%)	X	1.66	61,16	6.61	10,00	60.0	±2.9%	±9.6%	
		Y	1.59	60.94	6.40		60.0			
		2	1.68	61.33	6.71		60.0			
10353	Pulse Waveform (200Hz, 20%)	X	42.00	80.00	11.00	6.99	80.0	±2.5%	±9.6%	
		Y	22.00	74.00	9.00		80.0			
	A STATE OF THE STA	Z	42.00	80.00	11.00		80.0			
10354	Pulse Waveform (200Hz, 40%)	X	0.33	151.44	0.78	3.98	95.0	±2.6%	±9.6%	
		Y	0.00	124.27	0.27		95.0			
		Z	0.30	149.74	0.15		95.0			
10355	Pulse Waveform (200Hz, 60%)	X	8.74	159.33	25.26	2.22	120.0	±1:6%	±9.69	
		Y	4.70	159.99	3.61		120.0			
	- 1703 00 V 0 - NO -	Z	8.68	159.46	25.68		120.0			
10387	QPSK Waveform, 1 MHz	X	0.64	63.96	12.25	1.00	150.0	±4.9%	±4.9% ±	±9.6%
		Y	0.66	63.24	11.65		150.0			
	2.000000000 E1 0H245V	Z	0.64	63.99	12.30		150.0			
10388	QPSK Waveform, 10 MHz	X	1.40	65.48	13.81	0.00	150.0	±1.3%	±9.6%	
		Y	1.36	64.59	13.49		150.0			
	LONG-COURT V-COURT	Z	1.40	65.56	13.84	2	150.0			
10396	64-QAM Waveform, 100 kHz	X	1.72	64.64	16.13	3.01	150.0	±1.0%	±9.6%	
		Y	1.69	64.49	16.04		150.0			
	DOMESTICAN BY CORDS	Z	1.68	64.24	15.84		150.0			
10399	64-QAM Waveform, 40 MHz	X	2.88	66.08	14.98	0.00	150.0	±2.3%	±9.69	
	The state of the s	Y	2.97	66.30	15.08		150.0			
	Comment of Contract of Contrac	Z	2.89	66.12	15.02		150.0			
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.91	65.73	15.18	0.00	150.0	±4.2%	±9.6%	
	The second secon	Y	4.08	65.86	15.30		150.0	-	11000100	
		Z	3.91	65.76	15.22		150.0			

Note: For details on UID parameters see Appendix

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

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F-TP22-03 (Rev. 05) Page 4 of 138

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

It inventables parameter uncertainty for maximum specified field strength.

It Uncertainty is determined using the max, deviation from linear response applying rectargular detribution and is expressed for the aquare of the field value.



## Parameters of Probe: EX3DV4 - SN:7681

#### Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 ms V <sup>-2</sup>	T2 ms V <sup>-1</sup>	T3 ms	74 V-2	T5 V-1	76
x	11.4	82.59	33.63	1.99	0.00	4.90	0.39	0.00	1.00
У	13.7	99.66	33.87	3.73	0.00	4.91	0.51	0.00	1.01
2	11.1	81.57	34.20	1.61	0.00	4.90	0.35	0.00	1.00

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	81.9°
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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F-TP22-03 (Rev. 05) Page 5 of 138



## Parameters of Probe: EX3DV4 - SN:7681

#### 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>8</sup>	Depth <sup>G</sup> (mm)	Unc (k = 2)
750	41.9	0.89	9.34	9.29	9.81	0.54	1.27	±12.0%
835	41.5	0.90	9.17	9.37	9.66	0.53	1.27	±12.0%
900	41.5	0.97	8.36	10.16	9.29	0.53	1.27	±12.0%
1750	40.1	1.37	8.29	8.71	8.90	0.32	1.27	±12.0%
1900	40.0	1.40	7.94	8.33	8.49	0.33	1.27	±12.0%
2450	39.2	1.80	7.48	7,89	8.02	0.32	1.27	±12.0%
2600	39.0	1.96	7.38	7.79	7.89	0.32	1.27	±12.0%
3300	38.2	2.71	6.78	7,12	7.25	0.37	1.27	±14.0%
3500	37.9	2.91	6.63	6.98	7.10	0.38	1.27	±14.0%
3700	37.7	3.12	6.59	6.94	7.05	0.38	1.27	±14.0%
3900	37.5	3.32	6.52	6.87	6.98	0.40	1.27	±14.0%
4100	37.2	3.53	6.38	6.72	6.81	0.39	1,27	±14.0%
4400	36.9	3.84	6.31	6.62	6.72	0.40	1.27	±14.0%
4600	36.7	4.04	6.29	6,61	6.69	0.39	1.27	±14.0%
4800	36.4	4.25	6.28	6.56	6.67	0.38	1.27	±14.0%
4950	36.3	4.40	6.00	6.26	6.38	0.44	1.36	±14.0%
5250	35.9	4.71	5.64	5.97	6.05	0.39	1.66	±14.0%
5600	35.5	5.07	4.79	4.98	5.09	0.48	1.67	±14.0%
5750	35.4	5.22	4.94	5.22	5.21	0.46	1.75	±14.0%
5800	35.3	5.27	4.89	5.16	5.19	0:44	1.78	±14.0%

Enequency validity above 300 MHz of ±100 MHz only applies for DASY W.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the Cornel uncertainty at calibration frequency and the uncertainty for the indicated trequency band. Frequency validity below 900 MHz is ±10, 25, 40, 50 and 70 MHz for Cornel assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of Cornel assessed at 6 MHz is 4-9 MHz, and Cornel assessed at 13 MHz is 1-18 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

The probles are sufficiented using 15sue, simulating equals (TSL) 15Hz deviate for a raid or by less than ±5% from the target values (typicisty better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7-3 GHz and 13.1% for 3-6 GHz.

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F-TP22-03 (Rev. 05) Page 6 of 138

G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less. than ±1% for frequencies below 3 GHz and below ±2% for frequencies between 3-8 GHz at any distance larger than half the probe \$p diameter from the boundary.



November 27, 2023

#### Parameters of Probe: EX3DV4 - SN:7681

## 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>Q</sup> (mm)	Unc (k = 2)
6500	34.5	6.07	5.56	5.72	5.93	0.20	2.00	±18.6%

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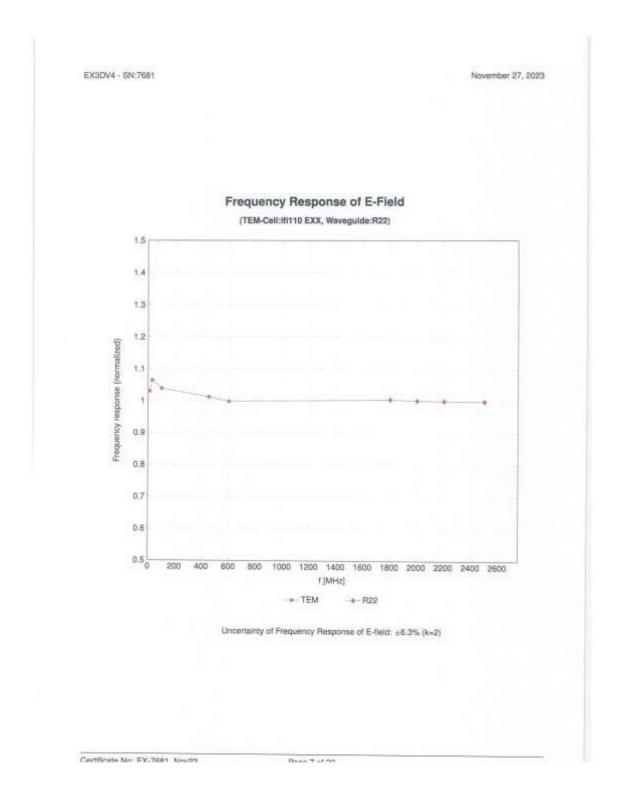
F-TP22-03 (Rev. 05) Page 7 of 138

G Frequency validity at 6.5 GHz is -800/+700MHz, and ±700MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration hequency and the uncertainty for the indicated frequency band.

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

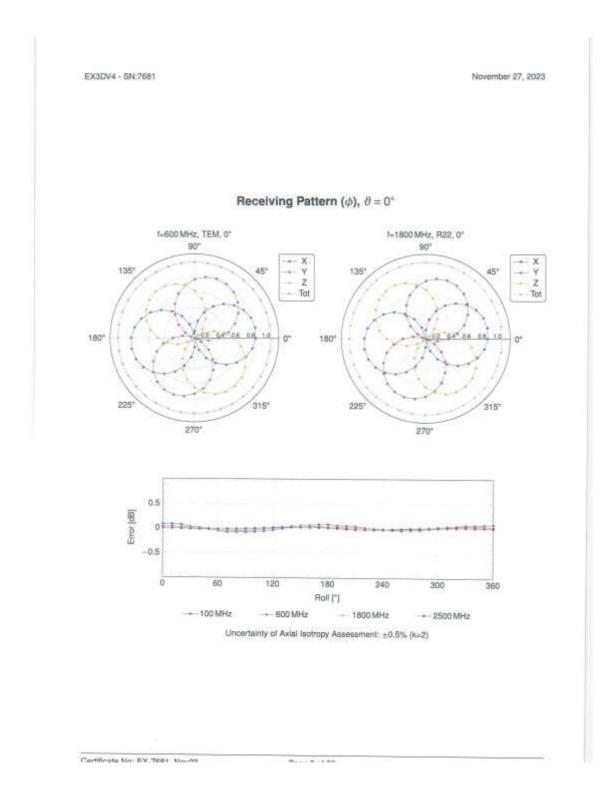
Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary affect after compensation is always less. than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger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





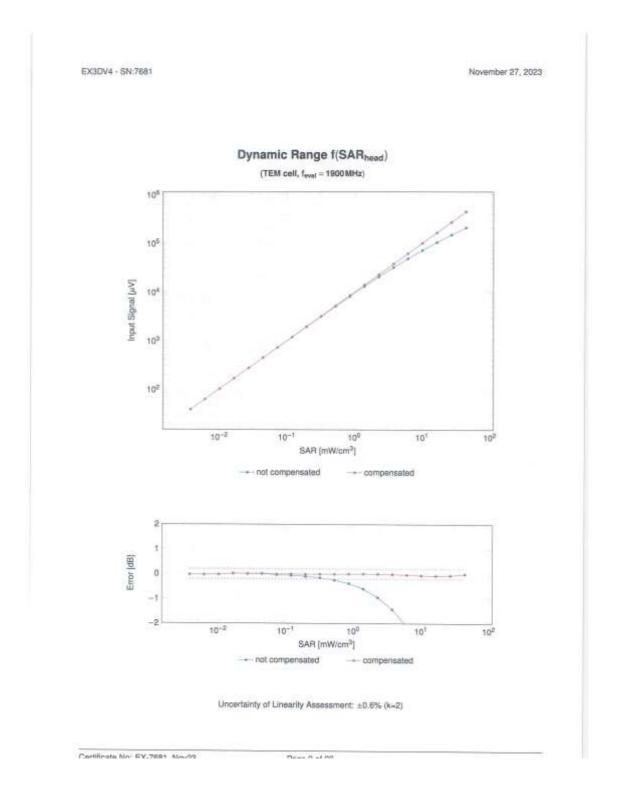
F-TP22-03 (Rev. 05) Page 8 of 138





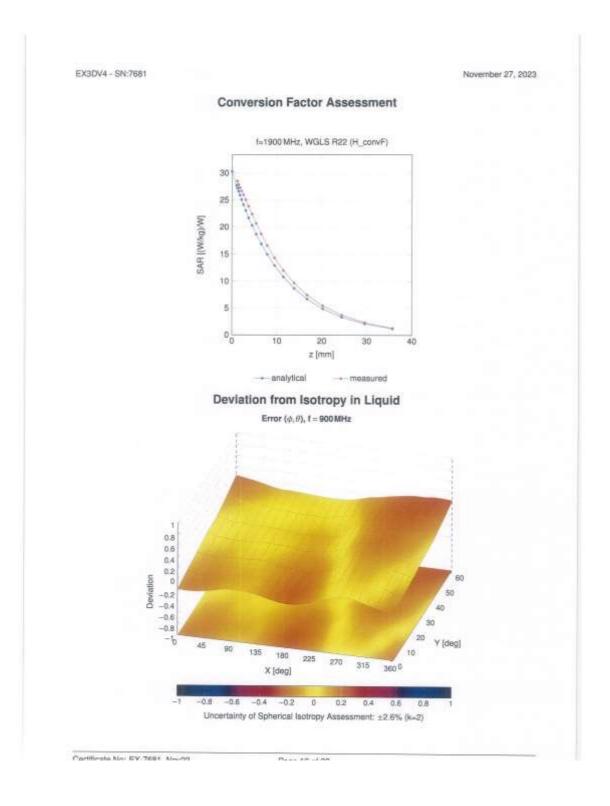
F-TP22-03 (Rev. 05) Page 9 of 138





F-TP22-03 (Rev. 05) Page 10 of 138





F-TP22-03 (Rev. 05) Page 11 of 138



# Appendix: Modulation Calibration Parameters

UID	Bev:	Communication System Name	Group	PAR (dB)	Unce R = 2
.0		CW	CW	0.00	±4.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
10011	CAD	UNTS-FDD (WCDMA)	WCDMA	2.91	±9.8
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10.013	CAB	IEEE 802.11g WIFI 2.4 GHz (DBSS-OFDM, 6 Mbps)	WLAN	9.45	19.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.38	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN to)	GSM	9.57	19.6
10024	DAC	GPRS-F00 (TDMA, GMSK, TN 0-1)	GSM	6.56	19.6
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN-0)	GSM	12.62	±9.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9,6
10028	DAC	GPRS-FOD (TDMA, GMSK, TN 0 1-2-3)	GSM	3.55	19.6
10029	DAC	EDGE-FOD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.16.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	19.6
10031	CAA	IEEE 802.15.1 Bluetooth (GPSK, DHD)	Bluetooth	1.87	±9.6
10035	CAA	(EEE 802.15.1 Bluetooth (GFSK, DHS)	Bluetooth	1.16	±9.6
10033	CAA	IEEE 802.15.1 Bloataoth (PV4-DQPSK, DH1)	Sluetooth	7.74	
10034	CAA	If EE 802.15.1 Bluetooth (PV4-DQPSK, DH3)	Bluetooth	4.53	10.8
10035	CAA	The state of the s	The state of the s		19.5
10036	CAA	IEEE 802.15.1 Bioetooth (Pt/4-DQPSK, DH5)	Bluelooth	3.83	±9.6
		IEEE 802.15,1 Bluetooth (B-DPSK, DH1)	Bluelooth	8.01	19.6
0037	CAA	EEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	19.6
10038	CAA	IEEE 800, 15.1 Bluetooth (8-DPSK, DHS)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	19.6
10042	CAB	IS-54 / IS-136 FDD (TOMA/FDM, PV4-DQPSK, Hafrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-653 FDD (FDMA, FM)	AMPS	0.00	29.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	19.6
0056	CAA	LIMTS-TDD (TD-SCDMA, 1.28 Mtps)	TD-SCDMA	11,01	±9.8
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	19.6
10059	CAB	IEEE 802.11b WIF 2.4 GHz (DSSS, 2 Mops)	WEAN	2,12	19.6
10080	CAB	IEEE 802.11b WIFL 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10065	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.6
10052	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/n WIFI 5 GHz (OFDM, ØMbps)	WLAN	8.53	±9.6
10064	CAD	IEEE 802 31ah WIFLS GHz (OFOM, 12 Mbps)	WLAN	9:00	±9.6
10066	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	19.6
10066	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
88001	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
0.069	CAD	IEEE 802.11a/h WIFLS GHz (DFDM, 54 Mbps)	WLAN	10.56	19.6
10071	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.6
0.072	CAB	IEEE 802,11g WIFI 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	19.6
0073	CAB-	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	29.6
0074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mtrcs)	WEAN	10.30	±9.6
0075	CAB.	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	19.6
0076	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	18:94	19.6
0077	GAIB	EEE 802.11g WFI 2.4 GHz (DSSS/OFOM, 54 Mbps)	WLAN	11.00	±9.6
0081	CAB	CDMA2000 (1sRTT, RC3)	CDMA2000	3.97	19.6
0082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, Pl/4-DQPSK, Fullrate)	AMPS	4.77	
0090	DAC	GPRS-FDD (TDMA, QMSK, TN 0-4)	GSM	6.56	±9.6
0097	CAC	UMTS-FOO (HSCPA)	WCDMA	3.98	-
0098	CAC	UMTS-F00 (HSUPA, Sublest 2)	WCDMA		±9.6
0099	DAC	EDGE-FOO (TOMA, 8PSK, TN 0-4)	GSM	3.98	±9.6
0100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	9.56	±9.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	The state of the s	5.67	±9.6
0102	CAF	LTE FDD (SC-FDMA, 100% RB, 20 MHz, 84 QAM)	LTE-F00	8.42	±9.0
0103	CAH	LTE-TDD (SC-F0MA, 100% RB, 29 MHz, QPSK)	LTE-FOO	6.60	±9.6
0104	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOO	9.29	±9.6
0105	CAH		LTE-TOO	9.97	±9.6
0108	CAH	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM)	LTE-TOO	10.01	±9.6
and the later of t		LTE FDD (SC FDMA, 100% RB, 10 MHz, GPSK)	LTE-FDD	5.80	#8.6
0109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FOD	5.43	±0.6
0110	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-FDD	5.75	±9.6
0111	CAH	LTE-FOD (SC-FDMA, 100% RB, 5MHz, 18-QAM)	LTE-FDD	8.44	±9.6

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F-TP22-03 (Rev. 05) Page 12 of 138



November 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6,59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 54-QAM)	LTE-FDD	0.62	±9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
10115	CAD	IEEE 802.11n (HT Greenfield, \$1 Mbps, 19-QAM)	WLAN	8,46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	±9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	W.AN	8.07	±9.6
10119	GAD	IEEE 802.116 (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.59	±9.6
10140	CAF	LTE-FDD (SC-FDMA, 100% R8, 15 MHz, 18-QAM)	W.AN LTE-FDD	8.13	±8.8
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FOD	6.40	±9.8
10142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-PDD	6.53 5.73	±9.6 ±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FOO	6.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-F00	6.65	±9.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE#D0	5.76	±9.6
10146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FOO	6.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 64-QAM)	LTE-F00	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6
10150	CAF	(TE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	8.60	±9.6
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOO	9.28	49.6
10152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 18-QAM)	LTE-TDD	9.92	±8.6
10153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
10154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FOD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10156	CAH	LTE-F00 (SC-F0MA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.70	49.6
10157	-CAH	LTE FDD (SC FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	29.6
10158	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-FDD	5.82	±9.8
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-FDD	6.43	±9.6
10 162	CAF	LTE-FDD (SC-FOMA, 50% RB, 15 MHz, 64-QAM)	LTE-FD0	6.58	±9.6
10166	CAG	LTE-FOD (SC-FOMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD.	5,46	19.6
10 168	CAG	LTE-FDD (5C-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-FDD (5C-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.21	±9,6
10 169	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	6.79	19.0
10170	CAF	LTE-FDD (SC-FDMA, 1 RB. 20MHz, 16-QAM)	LTE-FDD	5.70	±9.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-FD0	6.52	19.6
10172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOO	6.49 9.21	±9.6
10173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-TOO	9.48	19.6
10174	CAH	LTE-TDD (8C-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TDO	10.25	±8.6 ±9.6
10175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	19.6
10176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	19.6
10177	CAJ	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FOD.	5.73	±9.6
10178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	L7E-FDD	6.52	19.6
10179	CAH	LTE-F00 (SC-F0MA, 1 RB, 10 MHz, 64-QAM)	LTE-FOD	6.50	±9.6
10180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FDD	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FOMA, 1 RB, 15MHz, 84-QAM)	LTE-F00	8.50	±9.6
10184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-F00	5.73	19.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB. 3MHz, 18-QAM)	LTE-FOD	8.51	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-FDD	6.50	3.0%
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LYE-FOO	5.79	±9.6
10189	AAG	LTE-PDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-FOO	6.52	±9.6
10193	CAD	LTE-FDD (SC-FDMA, 1 RB, 1,4 MHz, 64-QAM) IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	LTE-FDD	6.50	29.6
10194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8,09	£9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.12	±0.0
0196	CAD	ELE 802.11n (HT Missid, 6.5 Mbps, BPSK)	WLAN	8.21	±9.6
0 197	CAD	IEEE 802 11n (HT Mixed, 39 Mpps, 16-QAM)	WLAN	8.10	±9.6
10198	CAD	IEEE 802.11n (HT Mixed, 85 Mbps. 64-QAM)	WLAN	8.13	£9.6
10219	CAD	(EEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.27 8.63	£9.6
10220	CAD	IEEE 802.11n (HT Mood, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.13	±9.6
0222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6
0923	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16 QAM)	WLAN	8.48	±9.6
0224	CAD	IEEE 802 11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6

Certificate No: EY.7681 Nov25

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F-TP22-03 (Rev. 05) Page 13 of 138



10225 10226 10227 10228 10229	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	±9.6
10227 10228	-				28/0
10228		LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16-QAM)	LTE-TOD	9.40	±9,8
	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOO	10.26	±9.6
10229	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TOD	9.22	19.8
	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10231	CAE	LTE-TOD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TDD	9.18	±9.6
10232	CAH	LTE-TOO (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TOD	9.48	19.6
10233	CAH	LTE-TOO (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TDD	10.25	±9.0
10234	CAH	LTE-TOO (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TOD	9.21	19.6
10235	CAH	LTE-T00 (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TOD	9.46	±9.6
10236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD.	10.25	19.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	19.6
10238	CAG	LTE-TGO (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE TOD	9.48	29.0
10239	CAG	LTE-T00 (SC-F0MA, 1 RB, 15 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	±9.0
10241	CAC	LTE-TOO (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	19.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.6
10243	CAC	LTE-TOO (SC-FDMA, 80% RB, 1.4 MHz, QPSK)	LTE-TOD	9.46	19.6
10244	CAE	LTE-TDD (SC-FOMA, 50% RB, 3 MHz, 18-QAM)	LTE-TDD	10,06	±9.6
10245	CAE	LTE-T00 (SC-F0MA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	±9.6
10246	CAE	LTE-TOD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6
10:247	CAH	UTE-TOD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOD:	9.91	±9.6.
10:248	CAH	LTE-TOD (SC-FOMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6
10.249	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TOD	9.29	±9.6
10:250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 16-QAM)	LTE-TOD	9.81	19.6
10251	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
10252	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDO	9.24	19.6
10253	CAB	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, 18-QAM)	LTE-TDD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-700	10.14	±9.6
10255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOO	9.20	±9.6
10255	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-TOO	9.96	19.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB. 1,4MHz, 64-QAM)	LTE-TOO	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOO	9.34	±9.6
10299	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16 QAM)	LTE-TOO	9.98	±9.0
10260	CAE	LTE-TDD (SC-FDMA, 190% RB, 3 MHz, 64-QAM)	LTE-TOD	9.97	19.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-TOD	9.24	±9.6
10262	CAH	LTE-T00 (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	9-83	49.6
10263	CAH-	LTE-TDD (SC FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	£9.0
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TDD	0.23	±9.6
10265	CAH.	LTE-TOO (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	39.6
10266	CAH	LTE-TD0 (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	±9.6
10.267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	±9.6
10268	CAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	19.6
10.269	GAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.6
10:270	CAG	LTE-TOD (SC-FDMA, 100% RB, 16 MHz, QPSK)	LTE-TDD	9.58	19.8
10274	CAC	UMTS-FOO (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
10275	CAC	UMTS-FDD (HSUPA, Subteet 5, 3GPP Rei8.4)	WCDMA	3.96	±9.8
10277	CAA	PHS (QPSK)	PHS.	11.81	±9.6
10278	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)	PHS	11.81	19.8
10279	CAA	PHS (QPSK, BW 864 MHz, Rolloff 0.38)	PHS	12.18	±9.6
10290	AAB	CDMA2000, RC1, BOSS, Full Rate	CDMA2000	3.91	±9.6
10291	AAB	CDMA2000, RC3, SQ55, Full Rate	COMA2000	3.46	±9.6
10292	AAB	COMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	19.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 h.	CDMA2000	12.49	19.6
10:297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-FDD	5.81	±9.8
10:298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	±9.6
10299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 15-QAM)	LTE-FDD	6.39	1.9.8
10300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	fl.60	±9.0
10301	AAA	IEEE 802.16a WIMAX (29.18, 5 ms, 10 MHz, QPSK, PUSC)	WMAX	12.03	19.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	±9.6
10303	AAA	IEEE 802,16e WMAX (31:15, 5ms, 10 MHz, 64QAM, PUSC)	WMAX	18.52	19.6
10304	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.86	+9.5
10305	AAA	IEEE 802 15e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	19.6
10306	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 18 symbols)	WMAX	14.67	19.6

Certificate No: EX-7681 Moi/29

Dans 12 of 80

F-TP22-03 (Rev. 05) Page 14 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	UncE k =
10307	AAA	IEEE 802.15e WMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14,49	±9.6
10308	AAA	IEEE 802,16e WMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WIMAX	14.46	±9.6
10309	AAA	IEEE 802.16a WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	±9.6
10310	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
8311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FOO	6.06	19.6
0313	AAA	DEN 1:3	IDEN	10.51	±9.6
0314	AAA	DEN 1.6	IDEN	13.48	±0.6
0315	AAB:	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN.	1.71	±9.6
0316	AAB	IEEE 802.11g WIF 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	3.05
0317	AAE	IEEE 802.11a WIFL 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
0352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	19.6
0353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	29.6
0354	AAA	Pulsa Waveform (200Hz, 40%)	Generic	3.98	±0.6
0355	AAA.	Pulse Waveform (200Hz, 80%)	Generic	2.22	19.6
0356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
0387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	±9.6
0388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	28.6
0396	AAA	64-QAM Waxeform, 100 kHz	Generic	6.27	
0399	AAA	64-QAM Waveform, 40 MHz			19.6
0400	AAE	IEEE 802.11as WIFI (20 MHz, 64-QAM, 99pc duty cycle)	Generic	6.27	±9.0
0401	AAE	IEEE 802,11ac WFI (20 MHz, 64-QAM, 99pc duty cycle)	WLAN'	8.37	29.6
0402	AAE		WLAN	8.60	±9.6
0403	AAB	IEEE 802.11ac WIFI (80 MHz, 84-QAM, 96pc duty cycle) CDMA2000 (1xEV-DQ, Rev. 0)	WLAN	8.53	±9.8
	100		CDMA2000	3.76	49.6
0404	AAB	COMAZODO (TXEV-DO, Rev. A)	CDMA2000	3.77	±9.6
0406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
0410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2.3,4,7 A.9. Subframe Conf=4)	LTE-TOD	7.82	±9.6
0414	AAA	WLAN CCDF, 84-QAM, 40 MHz	Generic	8,54	±9.6
0415	AAA	EEE 802.11b WEI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1,54	±9.8
0416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFOM, 6 Mbps. 98pc duty cycle)	WLAN .	8.23	8,9.8
0417	AAC	IEEE 802 F1a/h WIFI 5 GHz (OFOM, 6 Mbps, 80pc duty cycle)	WLAN	8.23	±9.6
0418	AAA	IEEE 802.11g WFi 2.4 GHz (DSSS-OFOM, 6 Mbps, 99pc duty cycle, Long preembule)	WLAN	8.14	19.6
0419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
0422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
0423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WEAN	8.47	±9.6
0424	AAC	IEEE 802.11n (HT Greenfield, 72.2Mbps, 64-QAM)	WLAN	8.40	19.6
0.425	AAC	IEEE 802.11n (HT Greenfield, 15Mbps, BPSK)	WLAN.	8.41	±9.0
0426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.6
0427	AAC	IEEE 802,11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
0430	WE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
0431	AAE	LTE-FOO (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	10.6
0432	AAD	LTE-FOD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
0433	AAD	LTE-F00 (OFOMA, 20MHz, E-TM 3.1)	LTE-FDD	B.34	±9.6
0.434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	19.6
0435	AAG	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subhame+2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Gloping 44%)	LTE-FDD	7.56	19.6
0.448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	±9.6
0448	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDO	7.51	±9.6
0450	AAD	LTE-F00 (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDO	7.48	
0451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.89	±9.6
0453	AAE	Waldation (Square, 10 ms. 1 ms)	Test	10.00	
0456	AAC	IEEE 802.11ac WIFI (160 MHz, 64-QAM, 99pc duty cycle)	WLAN		±8.0
0457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	6.63	±9.6
0458	AAA	CDMA2000 (1xEV-DC, Rev. B, 2 cernery)	GDMA2000	5.62	±9.6
0459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)		6.55	±9.6
0460	AAB	UMTS-FDD (WCDMA, AMR)	CDMA2000	8,25	±9.6
461	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subhame-2,3.4,7,8,8)	WCOMA	2.39	±9.6
462	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4MHz, 18-QAM, UL Subhame+2,3.4,7,8,9)	LTE-TOD	7.82	±9.6
460	AAC	LTE-TOB (SC-FDMA, 1 RB, 1.4MHz, 64-QAM, UL Subhame+2,3,4,7,8,9)	LTE-TOD	8.30	±8.6
464	AAD	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subhame-2,3,4,7,8,9)	LTE-TOD	8.56	±9.6
1465	AAD	TTE, TOD (SCI. COMA ) DO SANDA OF CAMA IN COMA	LTE-TDD	7.82	±9.6
1466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-GAM, UL Subframes 2.3,4,7,8,9)	LTE-TOD	8.32	±9.6
-	-	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.57	±9.6
1467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TOO	7.82	±9.6
1468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 18-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOO	8.32	±9:6
0489	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.56	±9.0
0470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, QPSK, UL Subframe=2.0,4,7,8,9)	LTE-TOO	7.82	±9,6
0471	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM, UL Subframe=2,3.4,7.8,9)	LTE-TOD	8.32	±9.6

Certificate No: EX.7881 Mov09

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F-TP22-03 (Rev. 05) Page 15 of 138



MID	Rev	Communication System Name	Group	PAR (dB)	Uno <sup>E</sup> k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 84-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
19473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2.3,4,7,8,9)	LTE-TOO	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM, UL Subframe=8,3,4,7,8,9)	LTE-TOO	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.8
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	19.6
10478	AAG	LTE-TOD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
18480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe+2,3.4,7.8.9)	LTE-TOD	8.18	±9.6
10481	AAC	LTE-TOO (SC-FOMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.45	19.6
10482	AAD	LTE-TOD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe:2,3,4,7,8,9)	LTE-TOD	7.71	±9.8
10483	AAD	LTE-TDD (SC-FOMA, 50% RB, 3MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8,39	±9.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-T00 (SC-F0MA, 50% RB, 5MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TDD	7,59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subhamei/2,3,4,7,8,9)	LTE-TDD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subtrame=2,3,4.7,8.9)	LTE-TDD	8,60	土9.6
10.488	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7,70	±9.6
10489	AAG	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7.8,9)	LTE-TDD	8.31	±9.6
10490	AAB	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UI, Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10491	AAF	LTE-TOD (SC-FDMA, 50% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10492	AAF	LTE-TOD (SC-FOMA, 50% RB, 15MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10.494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.0
10498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subframe=8,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subhame+2,3,4,7,8,9)	LTE-TDD	7.67	±9.6
10488	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4.7,8,9)	LTE-TDD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FOMA, 100% RB, 1.4 MHz, 64-QAM, LL Subframe+2,3,4,7,8.9)	LTE-TDD	9.66	±9.6
10500	AAD	LTE-TDD (SC-FOMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	±9/6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16 QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.44	±9.6
10.502	AAD	LTE TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.52	±9.8
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TOD	7.72	19.6
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
10605	WWG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.84	±8.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3.4,7.8,8)	LTE-TOO	7.74	19.8
10007	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOO	8.55	19.0
10009	AAF	LTE-TDD (SC-FDMA, 180% RB, 15 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TOD	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOD	8.49	±9.0
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.51	39.8
10512	AAG	LTE-T00 (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TOD	7.74	±9.0
10513	AAG	LTE-T00 (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.42	19.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10515	AAA	IEEE 802,11b WIFI 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1,58	±9.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (OSSS, 5.5 Mbps, 99pc duty cycle)	WEAN	1.57	±9.6
10517	AAA	EEE 808.115 WFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518	AAC	IEEE 802.11ah WIFI 5 GHz (OFOM, 9 Mbps, 98pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802.11ah WIFI 5 GHz (OFDM, 12 Mops, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802 11ah WIFI 5 GHz (OFDM, 18 Mops, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAC	IEEE 802.11ah WIFi 5 GHz (OFOM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	19.0
10522	AAC	IffEE 802.11ah WIFLS GHZ (OFOM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10523	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.08	19.6
10524	AAC	IEEE 802.11a/h WIFL5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	±9.6
10525	AAC:	IEEE 802.11ac WFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.6
10526	AAC	HILLE 802 1 fac WIFI (20MHz, MCS1, 99pc duty cycle)	WLAN	B.42	±9.6
10527	AAC AAC	IEEE 802.11ac WIFI (20 MHz, MCSZ, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC:	IEEE 802 11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	±9.0
	07,00	IEEE 802.11ao WFI (20 MHz, MCS4, 98pc duty cycle)	WLAN	6.36	39.6
10531	AAC	IEEE 802,11ac WIFI (20 MHz, MCS8, 96pc duty cycle)	WLAN	8.43	±9.6
10533	AAC	IEEE 802 11ac WFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.20	±9.6
	-	IEEE 802,11ac WiFi (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.38	49.0
10534	AAC	EEE 802.11ac WIFI (40 MHz, MCS0, 98pc duty cycle)	WLAN	8.45	19.6
10536	AAC	IEEE 802.11 ac WIFi (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
www.mindeclupin.declup	THE RESERVE AND ADDRESS OF THE PERSON NAMED IN COLUMN TWO	IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.8
10537	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 98pc duty cycle)	WLAN	8.44	±9.8
10538	AAC	IEEE 802 11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6
10540	AAC.	IEEE 802.11ac WIFI (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

Cartificate No. EV.7681 New 29

There is also

F-TP22-03 (Rev. 05) Page 16 of 138



November 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unch k =
10541	AAC	IEEE 802.11ac WIFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8,45	±9.6
10548	AAC	IEEE 802.11ac WIFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.85	±9.6
10543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac Wiff (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.47	±9.6
10545	AAC	IEEE 802.11ac WiFi (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	19.6
10546	AAC	IEEE 802.11ac WiFI (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WIF (80 MHz, MC83, 99pc duty cycle)	WLAN	8.49	19.6
10548	AAG	IEEE 802.11ac WIFI (80 MHz, MCS4, 99pd duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802.11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	£9.8
10561		IEEE 802.11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
-	AAC	IEEE 802 11ac WIFI (80MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
10653	AAC	IEEE 802 11ac WIFI (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
10554		IEEE 802.11ac WIFI (160 MHz, MCS0, I/Spc duty cycle)	WLAN	8.48	±9.0
10555	DAA	IEEE 802.11ac WFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
10557	AAD	IEEE 802.11ac WFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10558	AAD	IEEE 802,11ac WFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	19.8
10560	AAD	IEEE 802.11ac WFI (160 MHz, MCS4, 99pc duty cycle)	WLAN.	8.81	±9.0
10561	AAD	IEEE 802.11ac WFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	9.73	19.8
10062	AAD	IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
10583	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.69	19.6
0564	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 89pc duty cycle)	WLAN	8.77	±9.6
0565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mops, 99pc duty cycle)	WLAN	8.25	19.6
0586	AAA	IFFE BDS.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	100 A C A C A C A C A C A C A C A C A C A	8.45	±9.6
0.567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.13	19.6
0568	AAA	IEEE 802.11g WIFF 2.4 GHz (DSSS-OFDM, 38 Mbps, 99pc duty cycle)	WLAN	8.37	±8.6
0588	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	444	±9.6
0570	AAA	IEEE 802.11g WIFLE.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	200,000,000	8.10	±9.6
0571	AAA	IEEE 802.11b WiFi 2.4 Cirtr (DSSS, 1 Mbps, 90pc duty cycle)	WLAN WLAN	8.30	±9.0
0572	AAA	IEEE 802.116 WIF 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
0573	AAA	IEEE 802.11b WIF: 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.88	±9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN.	1.98	
0575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
10576	AAA	IEEE 802.11g WIFI II.4 GHz (DSSS-OFDM, 9 Mops, 90pc duty cycle)	WLAN	8.60	±9.6 ±9.6
10577	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	
0578	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty tycle)	WLAN	8.49	±9.6
0579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 80pc duty cycle)	WLAN	8.36	±9.6
0580	AAA	IEEE 802-11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
0581	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
11682	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 80pc duty cycle)	WLAN	8.67	±9.6
0583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFOM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
0584	AAC.	IEEE 802.11a/h WIFL5 GHz (OFOM, 8 Moos, 90oc duty cycle)	WLAN	8.60	±9.6
0585	AAC:	IEEE 802.11a/h W/FI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
0586	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.40	49.6
0587	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±8.6
0588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM: 30 Mbps, 90pc duty cycle)	WLAN	8.76	19.6
0589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps; 90pc duty cycle)	WLAN	8.35	19.6
0590	AAC	IEEE 802.11a/h WIFL5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	9.67	±9.6
0591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	69.6
0.592	AAC	IEEE 807.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WEAN	8.79	±3.6
0.593	AAC	IEEE 802.11n (HT Moset, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	19.6
0.594	AAC	EEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.8
0.595	AAC	IEEE 802.116 (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	19.8
0596	AAC	EEEE 802:11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.71	±9.6
0597	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	19.8
0598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±8.6
0599	AAC	IEEE 802.11n (HT Mixed, 40 MHz; MCSB, 90pc duty cycle)	WLAN	8.79	19.6
0000	AAC	JEEE 802.11n (HT Mixed, 40 MHz, MCB1, 90pc duty cycle)	WLAN	8.88	±9.6
0601	AAC	IEEE 802 11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
0.005	AAC	(EEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN.	8.64	49.6
0603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
0604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)	WLAN	8.76	±9.6
0605	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCSS, 90pc duty cycle)	WLAN	8.97	±9.6
0806	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	19.6
0607	AAC	IEEE 802,11ac WIF: (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	±9.6
0608	AAC	IEEE 802.11ac WiFi (20 MHz, MCS1, 90pc duty cycle)	W.AN	8.77	±9.0

Certificate No: EV-7681 Nov.29

Phone 44 - 1 mm

F-TP22-03 (Rev. 05) Page 17 of 138



November 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Une k = 2
10609	AAC	IEEE 802.11ac WiFi (20 MHz, MCS2, 90pc duty cycle)	WLAN	0.57	±9.6
10618	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802.11ac WIFI (20MHz, MCS4, 80pc duty cycle)	WLAN	8.70	29.6
10612	100	IEEE 802 11ac WIFI (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.6
10613	AAC	IEEE 802.11ac WIFI (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.94	±9.6
10614		IEEE 802.11ac WIFI (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	49.8
10616	MAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
10618	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	±9.6
10619	AAC	IEEE 802.11ar; WIF) (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.88	19.6
10620	AAG	IEEE 802.11ac WIFI (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.6
10621	AAC	IEEE 802.11ac WiFI (40 MHz, MCSS, 90pc duly cycle)	WLAN	8.77	19.6
10622	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±8.0
10623	AAC	IEEE 802.11ac WIFI (40 MHz, MC87, 90pc duty cycle)	WLAN	8.82	±9.6
10624	AAC	IEEE 802,11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
10625	AAC	IEEE 802,11ac WiFi (40 MHz, MC89, 90pc duty cycle)	WLAN	8.96	±9.6
10828	AAC	IEEE 800, 11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
19827	AAC	IEEE 802.11ac WiFi (80 MHz, MC81, 90pc duty cycle)	WLAN	8.88	±9.6
10628	AAC	IEEE 602.11ac WIFI (88 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10830	AAC	IEEE 802.11ac WIF (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	19.6
10631	AAC	EEE 802.11ac WIFI (80 MHz, MC85, 90pc duty cycle)	WLAN	8.81	±9.8
10633	AAC	EEE 802.11 ac WIFI (80 MHz, MCSS, 90pc duty cycle)	WLAN	8.74	±9.6
10834	AAC	#EEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	±9.6
10635	AAC	EEE 802.11 ac WiFi (80 MHz, MCS8, 80pc duty cycle)	WLAN	8.80	±9.6
10636	AAD	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10637	AAD	EEE 802 11ac WFI (160 MHz, MCSC, 90pc duty cycle)	WLAN	8.83	±9.6
10638	AAD	IEEE 802 11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.8
10639	AAD	IEEE 802.11ac WIFI (180 MHz, MC52, 90pc duty cycle)	WLAN	8.86	19.6
10640	AAD	IEEE 802 11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10641	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 90pc duty cycle) IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	8.98	±9.6
10642	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9,6
10643	AAD	IEEE 802.11ac WFF (160 MHz, MCS7, 90pc duty cycle)	WLAN	9.06	19.6
10644	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	±9.6
10645	AAD	IEEE 802.11ac WIF1 (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.0
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subtrame=2,7)	WLAN LTE-TDD	9.11	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 HB, 20MHz, QPSK, UL Subframes2,7)	LTE-TDD	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	19.6
10652	AAF	LTE-TOD (OFOMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD		±9.6
10653	AAF	LTE-TDD (OFOMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	19.6
10654	AAE	LTE-TOD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.6
10656	AAF	LTE-TOD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6
10668	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	19.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.86	±9.6
0661	AAB	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6
0662	BAA	Pulse Waveform (200Hz, 80%)	Test	0.97	19.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	
10671	AAC:	IEEE 802.11ax (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6 ±9.6
10672	AAC:	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	±9.6
10673	AAC:	IEEE 802.1 Lax (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.78	±9.0
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	19.6
10675	AAC	IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
0676	AAC	IEEE 802,11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	20.6
0677	AAC	IEEE 802.11ax (20 MHz, MCSB, 90pc duty cycle)	WLAN	8.79	19.6
0678	AAC	EEE 802.11ax (20 MHz, MCS7, 93pc duty cycle)	WLAN	8.78	±9.6
0.679	AAC	IEEE 802.11ax (20 MHz, MCSB, 90pc duty cycle)	WLAN	8.89	±9.6
0880	AAC	IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.80	19.6
10681	AAC	IEEE 802.11 8x (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	19.6
0.682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.83	19.6
0683	AVC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±8.6
	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.26	±9.6
0.684				branch .	2.00-07
0684 0685 0686	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cyste) IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.33	±9.6

Certificate No: EY.7881 No:09

Den 17 - ( no

F-TP22-03 (Rev. 05) Page 18 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	. Une R -
10687	AAC	IEEE 802.11ax (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
0688	AAC	IEEE 902.11ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
0689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802.11ax (20 MHz, MCS7, 98pc duty cycle)	WLAN	8.29	±9.6
0891	AAC	IEEE 802,11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
0682	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	19.6
0693	AAC	IEEE 802.11ax (29 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0094	AAC	IEEE B02.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
0695	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.78	±9.5
0699	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	19.6
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
0099	AAC	IEEE 80E 11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.8
0.700	AAC.	IEEE 800.11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	5.73	±9.6
0.701	AAC	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	19.6
0702	AAC	IEEE 802.11ax (40 MHz, MCS7, 80pc duty cycle)	WLAN	8.70	±9.5
0703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
0704	AAC	IEEE 802.11 ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	19.8
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	19.0
3708	AAC	IEEE 802 11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.66	19.6
707	AAC	EEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
708	AAC	IEEE 802.11 ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
700	AAC	EEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	19.8
710	AAC	EEE 802.11ax (40 MHz, MC83, 99pc duty cycle)	WLAN	8,29	±9.6
711	AAC	IEEE 802 11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	
1712	AAC	IEEE 802.11ax (40 MHz, MCSS, 99pc duty cycle)	WLAN	Andrew Market Street	±9.6
1713	AAC	IEEE 802 11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.67	19.6
1714	AAC.	IEEE 802-11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	4740	±9.6
1715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	100000000000000000000000000000000000000	8.26	±9,6
710	AAG	IEEE 802,11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	±9.0
717	AAC	IEEE 802.11ex (40 MHz, MCS10, 99pc duty cycle)	70190000	8.30	±9.6
718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	B.48	±9.0
719	AAC		WLAN	8.24	19.6
7720	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	±9.6
7721	AAC		WLAN	8.87	19,6
1722	AAC	IEEE 802.11sx (80 MHz, MCS2, 90pc duly cycle)	WLAN	8.76	±9.6
7723	AAC	IEEE 902.11ax (86 MHz, MGS3, 90pc duty cycle)	WLAN	8.55	±9.6
1724	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
725	AAC	IEEE 802-11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.0
726	AAG	IEEE 902.11ax (80 MHz, MC88, 90pc duty cycle)	WLAN	B.74	±9.0
727	and the second second	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
	AAC	IEEE 902.114x (80 MHz, MCSR, 90pc duty cycle)	WLAN	8.68	3,9,6
1728	AAC	IEEE 802.11ax (80 MHz, MCSB, 90pc duty cycle)	WLAN	8.65	19.6
729	AAC	IEEE 802.11ax (88 MHz, MCS10, 90pc duty cycle)	WLAN	8.84	±9.0
730	AAC	IEEE 802,11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WEAN	8.42	±9.0
732	AAC	IEEE 802.11 az (80 MHz, MCS1, 98pc duty cycla)	WLAN	8.46	£9.8
733	AAC	IEEE 802.11ax (90 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.0
734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.8
795	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
736	AVC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8,27	±9.6
737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9.6
738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	19.6
739	AAC	IEEE 802,11sx (80 MHz, MGS8, 99pc duty cycle)	WLAN	8.29	±9.6
740	AAC	IEEE 802,11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.8
741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	10.0
742	AAC	IEI/E 802.11ax (80 MHz, MCS11, 99ps duty cycle)	WLAN	8.43	±9.6
743	AAC	IEEE 802.11ax (160 MHz, MCS0, 80pc duty cycle)	WLAN	8.94	19.6
744	AAC.	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.10	±8.6
745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	#9.6
746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	±9.0
747	AAC	IEEE 802.11ax (160 MHz, MGS4, 90pc duty cycle)	WLAN	8.04	19.6
748	AAQ	IEEE 802 11 ax (180 MHz, MCSS, 90pc duty cycle)	WLAN	8.93	±9.0
749	AAC.	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	19.6
750	AAC	IEEE 802.11 gx (160 MHz, MCS7, 90pc duty cycle)	WLAN	6.79	±9.5
751	AAC	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	19.6
	AAC	IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	0.01	2.00 10

Certificate No: EX.7681 New/29

Ones 10 of 55

F-TP22-03 (Rev. 05) Page 19 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Uno $k=2$
10753	AAC	IEEE 802.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	±9.5
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	W.AN	8.94	19.6
10755	AAG	IEEE 802,11au (160 MHz, MCS0, 99pc duty cycle)	W.AN	8.54	±9.6
10756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN :	8.77	±9.6
10757	AAC	IEEE 802,11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±8.6
10758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6
10.759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	B.58	±9.fi
10760	AAC	IEEE 802.11ex (160 MHz, MCSS, 99pc duty cycle)	W.AN	8.49	±9.6
10761	ANC	IEEE 802 11ax (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	19.6
10762	AAC	IEEE 802 11ex (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
10768	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	191
10764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	B.54	1.8±
0.765	AAC	IEEE 802.11ax (160 MHz, MCB10, 99pc duty cycle)	WLAN	8.54	19.6
0706	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8,51	±9.6
0767	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	50 NR FR1 TDD	7.99	±9.8
0.768	AAD	SG NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.01	19.6
0769	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.0
0770	AAD	SG NR (CP-OFDM, 1 RB, 20 MHz, CPSK, 15kHz)	SG NR FR1 TDD	6,02	5,9.0
0771	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	50 NR FR1 TDD	8:02	±9.0
0772	AAD	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.23	±9.8
0773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
0774	AAD	5G NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	1.9.8
0775	AAD	SG NR (CP-OFDM, SON RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8,31	±9.8
0776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.0
0777	AAC	SG NR (CP-OFDM, S0% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	H.30	±9.fi
0778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 KHz)	5G NR FR1 TD0	11.34	±9:8
0.778	MAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	H.42	±9.6
0.780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, CPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6.
0781	AAD	5G NR (CP-OFOM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR PRI TOO	8.38	£9.6
0782	AAD	58 NR (CP-OFDM, 56% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 T00	JL43	±9.6
0783	AAE	5G NA (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8,31	±9.6
0784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	5.29	±9.6
0785	AAD	5G NR (CP-OFOM, 100% RB, 15MHz, QPSK, 15NHz)	5G NR FR1 TDD	8.40	±9.8
0786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 T00	8.35	±9.6
0787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 T00	8.44	±9.6
0788	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 15WHz)	5G NR FR1 TDD	8.30	±9:8
0789	AAD	5G NR (CP-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.37	±9.6
0790	AAD	5G NR (CP-OFDM, 190% RB, 50MHz, QPSK, 15WHz)	6G NR FR1 TDD	8.39	±9.6
0791	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	7.83	±8.6
0792	AAD	5G NR (CP-OFOM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±8.6
D793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NA FA1 TOD	7.95	±9.6
0794	AAD.	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.82	±9.6
0795	DAA	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	±9.6
0796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.82	±9.6
0797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 M4z)	8G NR FR1 TDD	8:01	±9.6
0798	AAD	50 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	SO NR FR1 TOD	7.89	±9.6
0798	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
0801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, GPSK, 30 kHz)	SG NR FR1 TDD	7.89	±9.6
0.802	AAD	BG NR (CP-OFDM, 1 RB, 95 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	±9.6
8080	AAD	50 NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	7.93	±9,6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NA FAT TOD	8.34	±9.6
8080	AAD	60 NR (CP-OFOM, 50% RB, 18 MHz, OPSK, 30 kHz)	SG NR FR1 TDD	8.37	±9,6
0809	AAD-	50 NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 T00	8.34	±9.5
0180	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
1812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	50 NR FR1 TOD	8.36	±9.6
0817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, CPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
0818	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.34	±9.6
1819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0820	CAA	5G NR (CP-OFOM, 100% RB, 20MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.30	±9.6
0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
0823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TOD	8.36	±9.6
0824	AAG	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	50 NR FRI TOD	8.39	±9.6
0825	CAA	5G NA (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 HHz)	5G NR FR1 TDD	8.41	±9.6
0827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6
0828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	±9.6

Cartificate No: EX.7681 Nov29

Been 45 of 55

F-TP22-03 (Rev. 05) Page 20 of 138



November 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Une <sup>E</sup> k = 1
10829	AAD.	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
10.630	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.60	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 80kHz)	5G NR FR1 TDD	7.73	1,9,6
10832	AAD	6G NR (CP-OFDM, 1 RB, 20MHz, CPSK, 60×Hz)	5G NR FR1 TDD	7.74	±9.0
10833	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 60kHz)	5G NR FR1 TDD	7.70	89.6
10834	AAD	6G NR (CP-OFDM, 1 RB, 30 MHz, GPSK, 60 kHz)	SG NR FRI TOD	7,75	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	19.6
10:836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, CPSK, 60 kHz)	5G NR #R1 TDD	7.66	49.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.88	±9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, CPSK, 60 kHz)	5G NR FRI TOD	7,70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, CPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.8
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.71	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	40.0
10844	AAD	5G NR (CP-OFDM, 50% RB, 20MHz, QPSK, 80kHz)	5G NR FR1 TDD	8.34	±9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.41	19.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 NHz)	5G NR FR1 TDD	8.34	69.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FRI TOD	6.36	±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±0.0
10857	AAD	5G NR (CP-OFDM, 100% RB, 85 MHz, QPSK, 60 kHz)	5G NR FRI TOD	8.35	#8.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	19.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10960	AAD.	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	B-41	69.0
10861	AAD	53 NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FRI TDD	8.40	6.0.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MRz, QPSK, 80 kHz)	9G NR FR1 TDD	8.41	19.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	1,9.8
10965	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.8
10.866	AAD	5G NR (DFT-e-QFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.8
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±9.0
10:869	AAE	SG NR (DFT-s-GFDM, 1 RB, 100 MHz, GPSK, 120 kHz)	5G NR FR2 TDD	5.75	19.6
10-870	AAE	5G NR (DFT-s-GFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.6
10871	AAE	5G NR (DFT+-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10672	AAE	5G NR (DFT-s-OFDM, 100% R8, 100MHz, 15QAM, 120kHz)	5G NR FR2 TDD	6.52	±9.6
10873	AAE	5G NR (DFT:s-OFDM, 1 RB, 100 MHz, 84QAM, 120 NHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-e-QFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	7.78	±9.8
10876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 T00	8,39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 18QAM, 120 KHz)	5G NR FRZ TDD	7.96	19.6
10878	AAE	9G NR (CP-OFOM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8:41	±9.6
10879	AAE	6G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	B.12	±9.6
10680	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.38	±9.6
10881	AAE	SG NR (DFT-s-OFDM, 1 RB, S0MHz, QPSK, 120kHz)	5G NR FR2 TDO	5.75	±9.6
10882	AAE	SG NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	5.96	±8.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50MHz, 16QAM, 120kHz)	5G NR FR2 TDO	8.57	±9.6
10884	AAE	5G NR (OFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	#9.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 54QAM, 120 kHz)	SG NR FR2 TDD	8.81	±9.0
10886	AAE	5G NR (DFT/s-OFDM, 100% RB, S0MHz, 84QAM, 180kHz)	5G NR FRZ TOD	5.65	±9.6
10887	AAE	53 NR (CP-CFDM, 1 RB, 50 MHz, GPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.0
10888	AAII	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TD0	8.35	±9.6
10889	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	49.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 18QAM, 120 kHz)	58 NR FR2 TOD	8.40	±9.8
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 128kHz)	5G NR FR2 TDD	8,13	29.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	SG NR FR2 TDD	8,41	#8.6
10897	AAC	SG NR (DFTa-OFDM, 1 RB, SMHz, QPSK, 30kHz)	5G NR FR1 TDD	5.66	±9.6
10898	10000	SG NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±8.fi
0.899	AAB	SG NR (DFTs-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FRI TDD	5.67	1/9-8
10900	AAB	SG NR (DFT-6-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
10901	AAB	5G NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 30kHz)	5G NR FIRI TOD	15.68	19.6
10902	AAB	5G NR (DFTs-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9;8
0903	AAB	50 NR (DFT-s-OFDM, 1 RB, 40MHz, QPSK, 30kHz)	5G NR FR1 T00	5.68	±9.8
0904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.88	±9.6
10905	AAH	5G NR (OFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.68	±9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10907	AAC	5Q NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	50 NR FR1 TDD	5.78	±9.6
0908	AAB	5G NR (DFT4-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10909	AAB	50 NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	BAA	5G NR (OFT 6-OFDM, 50% RB, 20 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.83	±9.6

Cartificate No. EV.7881 Mouros

Dece 20 - F20

F-TP22-03 (Rev. 05) Page 21 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Unc* k = 2
10911	AAB	5G NR (DFT-a-OFOM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
10912	AAB	SG NR (DFTs-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAB	50 NR (DFFe-OFDM, 58% RB, 40 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.84	±9.8
10914	AAB	5G NR (DFTs: OFDM, 50% RB, 58 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.85	±9.6
10915	AAB	5G NR (DFT-e-OFDM, 50% RB, 60MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.85	±9.6
10916	AAB	SG NR (DFT-s-OFDM, 50% RB, 80MHz, QPSK, 30kHz)	5G NR FRI TOD	5.87	±9.6
10917	AAB.	5G NR (DFT+6-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.0
10918	AAD	5G NR (DFT-s-OFDM, 100%-RB, 5MHz, QPSK, 30%Hz)	SG NR FR1 TDD	5.86	±9.6
10918	AAB	5G NR (DFT-s-OFDM, 100% RB, 10MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.86	±9.6
10 920	AAB	5G NR (DFTs-QFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,87	±9.6
10921	AAB	6G NR (DFT-s-OFDM, 100% RB, 20 MHz, QFSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10922	AAB	5G NR (DFT e-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
10903	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SO NR FR1 TDD	5.84	±9.6
10024	AAB	SG:NR (DFT-6-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10925	AAB	5G NR (DFTs-OFDM, 100% RB, 50 MHz, QFSK, 30 KHz)	50 NR FR1 TDD	5,95	±9.6
10926	AAB	SG NR (DFT-e-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	5.84	±9.6
0927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10028	AAC	SG NR (DFT <sub>8</sub> -OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
10929	AAC	6G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	56 NR FR1 FDD	6.52	±9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 R8, 15MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.8
10901	AAC	SG NR (DFT s-OFDM, 1 R8, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0932	AAC	5G NR (DFT-e-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT-e-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10934	AAC	5G NR (DFT+-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	6.51	±9.0
10935	AAD	5G NR (DFTs-OFDM, 1 RB, 58 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
10936	AAC	SG NR (DFT-6-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.90	±8.6
10937	AAC.	5G NR (DFTs-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.77	±9.6
0938	AAC	5G NR (DFTs-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.90	±9.6
0939	AAC	9G NR (DFTs-OFDM, 50% RB, 20MHz, QPSK, 15KHz)	5G NR FR1 FD0	5.82	19.6
0940	AAC	SG NR (DFTs-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.89	±9.6
0941	AAC	9G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FRI FDD	5.83	19.6
0942	AAC	5G NR (DFT-s-OFDM, 50% R8, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.85	±9.6
0943	AAD	50 NR (OFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	19.6
0944	AAC	5G NR (DFTs-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	50 NR FR1 FD0	5.81	19.6
10945	AAC	50 NR (DFT+-OFDM, 100% RB. 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
0946	AAC	9G NR (DFTs-DFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	19.6
0947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR! FDD	5.87	19.6
0948	AAC	5G NR (DET-s-DEDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	±9.6
0949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0950	AAC.	5G NR (OFT-s-OFDM, 100% RB, 40MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.94	19.6
0951	AAD	5G NR (DFT+-DFDM, 100% RB, 50MHz, QPSK, 15KHz)	SQ NR FR1 FDD	5.92	
0952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 84-QAM, 15MHz)	5G NR FR1 FDD	8.25	±9.6
0953	AAA	SG NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 18 kHz)	5G NR FR1 FDD	8.15	19.6
0954	AAA	50 NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	29.6
0955	AAA	5G NR DL (CP-OFOM, TM 3.1, 20 MHz; 64-QAM, 15 kHz)	50 NR FRI FDD	8.42	
0956	AAA	5G NR DL (CP-OFOM, TM 3.1, 5MHz, 84-QAM, 30 kHz)	50 NR FR1 FD0	0.14	8.9.6
0957	AAA	5G NR DL (CP-DFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	40.5	19.6
0958	AAA	SG NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.31	1,9.8
0.858	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 KHz)	50 NR FR1 FDD	8.33	±9.6
0960	AAC	SG NR DL (CP-DFDM, TM 3.1, SMHz, 64-QAM, 15kHz)	50 NR FR1 TDD	9.32	19.6
0961	AAB	5G NR DL (CP-OFDM, TM S.1, 10 MHz, 64-QAM, 15 kHz)	50 NR FRI TOD	9.32	±9.6
0962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64 QAM, 15 KHz)	53 NR FR1 T00	10000	±9.6
0963	AAB	5G NA DL (GP-OFDM, TM 3.1; 20 MHz, 64-QAM, 15 kHz)		9.40 9.55	±9.6
0964	AAC	5G NR DL (CP-OFDM, TM 3.1, 8 MHz, 64-QAM, 30kHz)	50 NR FR1 TDD		±9.6
0965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	0.29	±9.6
0.966	AAB	5G NR DL (CP-QFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	SG NR FR1 TD0	9.37	\$9.6
0067	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD 5G NR FR1 TOD	9.55	±9.6
0968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 MHz)	The second secon	9.42	±9.6
0972	AAB	58 NR (CP-OFOM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	9.49	±9.6
0973	AAB	5G NR (DFTs-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	11.59	±9.6
0974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 258-QAM, 30 kHz)	6G NR FR1 TDD	9.08	±9.6
0978	AAA	ULLA BDB	5G NR FR1 TOD	10.28	89.6
0979	AAA	ULLA HDB4	ULLA	1.16	±0.6
0980	AAA	The state of the s	ULLA	8.58	29.6
0980	AAA	ULLA HDRS	ULLA	10.32	±9.6
0982	AAA		ULLA	3.19	±9.6
	- PARE	ULLA HDRp8	UEGA	3,43	±9.6

Certificate No: EY.7881 Nov23

Denning of or on

F-TP22-03 (Rev. 05) Page 22 of 138



November 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	UncE k = 2
10985	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
10985	AAA	5G NR DL (CP-OFOM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TD0	9.54	±9.6
10988	AAA	SG NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	50 NR FR1 TDD	9.50	19.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.38	19.6
10989	AAA	5G NR DL (CP-OFOM, TM 3.1, 80 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.33	±9.6
10990	AAA	53 NR DL (CP-OFDM, TM 3.1, B0MHz, 64-QAM, 30kHz)	5G NR FR1 TOO	9.52	±9.6
11003	AAA	SG NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TOD	10.24	±9,6
11004	AAA	50 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64 QAM, 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	53 NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	8.46	±9.6
11008	AAA.	5G NR DL (CP-OFOM, TM 3.1, 50 MHz, 84 QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	50 NR FR1 FD0	8.78	±9.6
11010	AAA	5G NR DL (CP-OFOM, TM 3.1; 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.5
11011	AAA	5G NR DL (CP-OFOM, TM 3.1, 40 MHz, 54-QAM, 30 RHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	50 NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FD0	8.68	±9,6
11013	AAA.	(EEEE 902.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.0
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	19.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA.	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	19.6
11,017	AAA	IEEE 802 11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA:	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8:40	±9.6
11019	AAA	IEEE 802 11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.0
11001	AAA	(EEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA.	IEEE 882.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	4.9.6
11023	AAA.	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN-	8.42	±9.8
11025	AAA	IEEE 802 11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±8.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 99pc duty cycle)	WLAN	8.39	±9.6

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

Carlifonia No. EV 7001 No.01

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F-TP22-03 (Rev. 05) Page 23 of 138



# Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





S Schweizerischer Kalibrierdlenst Service suisse d'étalonnage C Servizio svizzero di taratura

Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS). The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-7309 Jun23

#### CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7309

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

June 19, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

ID:	Cal Date (Certificate No.)	Scheduled Calibration
SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
SN: 103244	30-Mar-23 (No. 217-03894)	Mar-24
SN: 1249	20-Oct-22 (OCP-DAK3.5-1249_Oct22)	Oct-23
SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
SN: 3013	06-Jan-23 (No. ES3-3013 Jan23)	Jan-24
	SN: 104778 SN: 103244 SN: 1249 SN: 1016 SN: CC2552 (20x) SN: 660	SN: 104778         30-Mar-23 (No. 217-03604/03605)           SN: 103244         30-Mar-23 (No. 217-03684)           SN: 1249         20-Cet-22 (OCP-DAK3.5-1249_Oct22)           SN: 1016         20-Cet-22 (OCP-DAK12-1016_Oct22)           SN: CC2552 (20x)         30-Mar-23 (No. 217-03609)           SN: 660         16-Mar-23 (No. DAE4-660_Mar23)

ID.	Check Date (in house)	Scheduled Check
SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
SN: US41080477	31-Mar-14 (in house check Oct-22)	In house check: Oct-24
	SN: GB41283874 SN: MY41496087 SN: 000110210 SN: US3642U01700	SN: GB41283874         06-Apr-16 (in house check Jun-22)           SN: MY41498087         05-Apr-16 (in house check Jun-22)           SN: 900110210         06-Apr-16 (in house check Jun-22)           SN: US3642U01700         04-Aug-98 (in house check Jun-22)

Function Calibrated by Jeton Kastrati Laboratory Technician Technical Manager Approved by Sven Köhn Issued: June 20, 2023 This calibration certificate shall not be reproduced except in full without written approval of the laborato

Certificate No: EX-7309\_Jun23 Page 1 of 22

걸 재 의원/발생 보니 1四段 2023

F-TP22-03 (Rev. 05) Page 24 of 138



#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

#### Glossary

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

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

Polarization φ φ rotation around probe axis

Polarization  $\theta$  -  $\theta$  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:

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)\*, October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

#### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field potarization ∂ = 0 (f ≤ 900MHz in TEM-cell; f > 1800MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvE.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- . PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORIMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- . Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX-7309\_Jun23

Page 2 of 22



June 19, 2023

# Parameters of Probe: EX3DV4 - SN:7309

#### **Basic Calibration Parameters**

NAME OF THE OWNER OF THE PARTY.	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.51	0.55	0.66	±10.1%
DCP (mV) B	104.4	104.4	108.4	±4.7%

# Calibration Results for Modulation Response

UID	Communication System Name		dB	B dB√μV	С	D dB	mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	147.6	±1.5%	±4.7%
		Y	0.00	0.00	1.00		118.4		
		Z	0.00	0.00	1.00		138.2		
10352	Pulse Waveform (200Hz, 10%)	X	19.51	88.22	19.10	10:00	60.0	±3.0%	±9.6%
		Y	1.60	60.88	6.28	1	60.0		
		Z	1.66	61,29	6.62		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	20.00	88.72	18,01	6.99	80.0	±2.5%	±9.6%
		Y	8.00	72.00	9.00		80.0		
		Z	0.84	60.00	4.88		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	20.00	89.36	16.85	3.98	95.0	±2.8%	±9.6%
	N. E. M.	Y	0.37	154.81	4.27		95.0		
		Z	0.08	132.02	0.02		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	20.00	87.33	14.64	2.22	120.0	±1.7%	±9.6%
		Y	8.21	159.67	19.56		120.0		
		Z	5,54	159.98	13.52		120.0		
10387	QPSK Waveform, 1 MHz	X	1.55	64.47	14.06	1.00	150.0	±4.3%	±9.6%
		Y	0.59	63.65	11.85		150.0		
		Z	0.40	60.84	10.03		150.0		
10388	QPSK Waveform, 10 MHz	X	2.22	67.80	15.27	0.00	150.0	±1.1%	±9.6%
	- Table 190 March 190 Marc	Y	1.35	65.47	13.65		150.0	-1.000000	
		2	1.12	63.78	12.47		150.0		
10396	64-QAM Waveform, 100 kHz	X	3.18	71.78	19.11	3.01	150.0	±1.0%	±9.6%
	CONTRACTOR AND ASSESSMENT ASSESSMENT	Y	1.73	64.93	16.10	1918000	150.0	5000000	
		Z	1.70	64.82	16.04		150.0		
10399	64-QAM Waveform, 40 MHz	X	3.52	67.20	15.61	0.00	150.0	±2.5%	±9.6%
	REPORTED THE PROPERTY OF THE P	Y	2.84	66.08	14.94	2000	150.0	ACTIVITY OF THE	73555
		2	2.76	66.07	14.80		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.77	65.15	15.14	0.00	150.0	±4.4%	±9.6%
	POR DESIGNATION OF THE PROPERTY OF	Y	3.85	65.74	15.15	100000	150.0	500000	-
		2	3.75	65.84	15.05		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%.

Certificate No: EX-7309\_Jun23

Page 3 of 22

F-TP22-03 (Rev. 05) Page 26 of 138

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

If Linearization parameter uncertainty for maximum specified field strangth.

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



June 19, 2023

## Parameters of Probe: EX3DV4 - SN:7309

#### Sensor Model Parameters

	C1 fF	C2 fF	ν-1	T1 msV-2	T2 ms V - 1	T3 ms	T4 V-2	T5 V-1	T6
X	53.7	396,98	34.84	11.22	0.29	5.06	1.69	0.23	1.01
y.	10.8	78.69	33.88	3.07	0.00	4.90	0.51	0.00	1.00
2	9.6	69.70	33.47	4.69	0.00	4.94	0.64	0.00	1.01

#### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	56.9°
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 jub.



## Parameters of Probe: EX3DV4 - SN:7309

## 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	10.04	9.23	10.32	0.40	1.27	±12.0%
835	41.5	0.90	9.82	8.70	9.76	0.39	1.27	±12:0%
900	41.5	0.97	9.54	8.68	9.57	0.38	1.27	±12.0%
1450	40.5	1.20	8.46	7.67	8.71	0.47	1.27	±12.0%
1750	40.1	1.37	8.36	7,55	8.61	0.25	1.27	±12.0%
1900	40.0	1.40	8.19	7.47	8.43	0.27	1.27	±12.0%
2300	39.5	1.67	7.83	7,16	8.10	0.30	1,27	±12.0%
2450	39.2	1.80	8.06	7.37	8.34	0.28	1,27	±12.0%
2600	39.0	1.96	7.70	7.06	7.97	0.28	1.27	±12.0%
3300	38.2	2.71	7.27	6.65	7.51	0.33	1.27	±14.0%
3500	37.9	2,91	7.35	6.73	7.62	0.32	1,27	±14.0%
3700	37.7	3.12	6.95	6,37	7.22	0.30	1.27	±14.0%
3900	37,5	3.32	7.09	6.50	7.36	0.30	1.27	±14.0%
5250	35.9	4.71	5.74	5.24	5.90	0.37	1.53	±14.0%
5600	35.5	5.07	4.97	4.50	5.17	0.37	1.75	±14.0%
5750	35.4	5.22	5.20	4.68	5.37	0.37	1.84	±14.0%
5800	35.3	5.27	5.01	4.52	5.23	0.39	1.86	±14.0%

Executing validity above 300 MHz of ±100 MHz only applies for DASY vil.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency bland. 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 assessment at 8 MHz is ±-9 MHz, and ConvF assessment is 13 MHz is 5-19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

The probes are calibrated using fiscus simulating figures (TSL) that deviations for and or by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±5% are used, the calibration uncertainties are 11.1% for 0.7-3 GHz and 13.1% for 3.5 GHz.

Certificate No: EX-7389\_Jun23

Page 5 of 22

<sup>&</sup>lt;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 districter from the boundary.



#### Parameters of Probe: EX3DV4 - SN:7309

# 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	5.42	5.01	5.66	0.20	2.50	±18.6%

F-TP22-03 (Rev. 05) Page 29 of 138

Page 6 of 22

Certificate No: EX-7309\_Jun23

<sup>©</sup> Frequency validity at 6.5 GHz is -800'+700 MHz, and ±700 MHz at or above 7 GHz. The oncertainty is the RSS of the Com/F uncertainty if critical frequency and the uncertainty for the indicated frequency band.

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

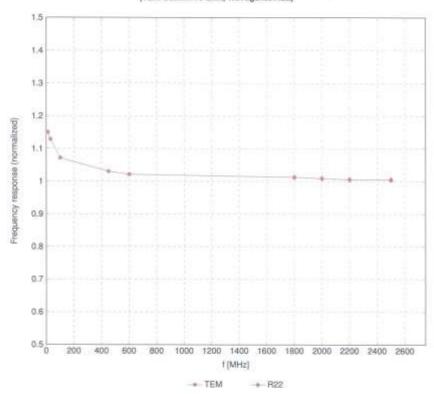
Alpha/Depth are determined during calibration, SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less.

than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3-6 GHz; and below ±4% for frequencies between 6-10 GHz at any distance larger than half the probe tip diameter from the boundary.



# Frequency Response of E-Field

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



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

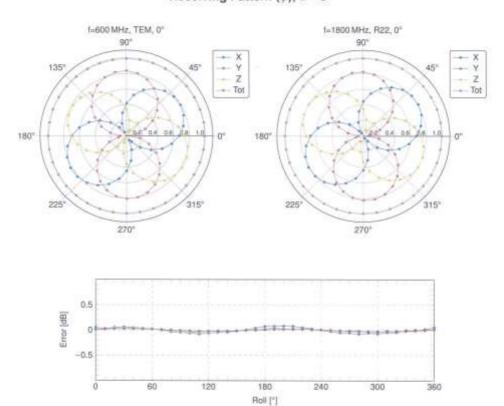
Certificate No: EX-7309\_Jun23

Page 7 of 22

F-TP22-03 (Rev. 05) Page 30 of 138



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



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

1800 MHz

--- 2500 MHz

--- 600 MHz

Certificate No: EX-7309\_Jun23

- 100 MHz

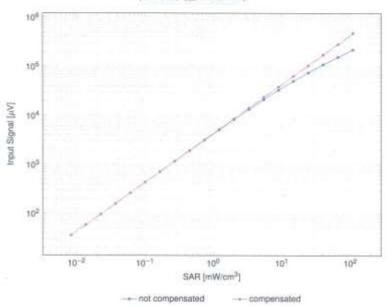
Page 8 of 22

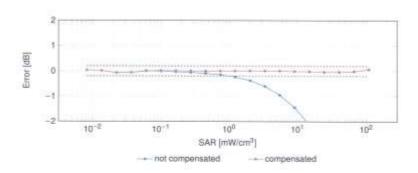
F-TP22-03 (Rev. 05) Page 31 of 138



# Dynamic Range f(SAR<sub>head</sub>)

(TEM cell, f<sub>eval</sub> = 1900 MHz)





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

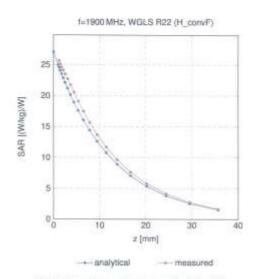
Certificate No: EX-7309\_Jun23

Page 9 of 22

F-TP22-03 (Rev. 05) Page 32 of 138

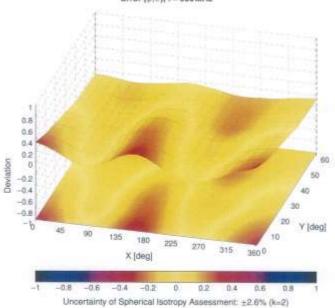


# Conversion Factor Assessment



# Deviation from Isotropy in Liquid

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



Certificate No: EX-7309\_Jun23

Page 10 of 22

F-TP22-03 (Rev. 05) Page 33 of 138



# Appendix: Modulation Calibration Parameters

NID	Rev	Communication System Name	Group	PAR (dB)	Unce k = 2
0		CW	CW	0.00	±4.7
10010	CAB	SAR Velidation (Square, 100 ms, 10 ms)	Test	10.00	49.6
11001	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	19.6
0012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1,87	±9.6
0013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.0
0021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	+9.6
0023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.5
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.8
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN-0)	GSM	12.62	49.0
10026	DAC	EDGE-FDD (TOMA, 8PSK, TN 0-1)	GSM	9.55	19.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	+9.6
0028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	69.6
0029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	19.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DHT)	Bluetooth	5.30	19.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	
10032	CAA	IEEE 802.15 1 Buelpoth (GFSK, DHS)	1,270130401		29.6
10033	CAA		Bluetooth	1.16	±9.6
	100	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7,74	19.6
10034	CAA	IEEE 802.15.1 Stuetooth (PV4-DQPSK, DH3)	Bluetooth	4,53	±9.6
10935	CAA	IEEE 802 15.1 Bluetooth (PI4-DQPSK, DH5)	Bluetooth	3.83	#9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802:15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	<b>油井用</b>
10038	CAA	IEEE 802.15.1 Bioetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-54 / IS-138 FDD (TDMA/FDM, Pt/4-DCPSK, Halfrate)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±8.6
10:048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	LIMTS-TDD (TD-SCOMA, 1.28 Mops)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	8.52	+9.6
10059	CAB	IEEE 802:11b WiFi 2:4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	+9.6
10061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±0.6
10062	CAD	IEEE 802 11a/h WFI 5 GHz (OFDM, 6 Mbps)	WAN	8.68	19.6
10063	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.8
10064	CAD	IEEE 802.11a/h WIFI 5 GHz (OFOM, 12 Mbps)	WLAN	9.09	+9.6
10065	CAD	IEEE 802.11a/n WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	±9.6
10086	CAD	IEEE 802.11a/n WFI 5 GHz (OFDM, 16 Mops)	WLAN	9.38	
10067	CAD	IEEE 802-11ah WFI 5 GHz (OFDM, 36 Mbps)	WLAN		±9,6
	CAD			10.12	±9.6
10068		IEEE 802.11 a/h WIFI 5 GHz (OFOM, 48 Mbps)	WLAN	10.24	19.0
10000	CAD	IEEE 802 11a/h WIFI 5 GH2 (OFDM, 54 Mbps)	WLAN	10.56	19.6
10071	CAB	IEEE 802.11g WIFL2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	±9.0
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mope)	WLAN	8.62	19.6
10073	CIAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	19.6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10,30	±8.6
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
1007B	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10,94	±9.6
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2080	3.97	±9.6
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAG	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	19.6
10097	CAC	UMTS-FOD (HSOPA)	WCDMA	3.98	19.6
10098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCCMA	3.98	19.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-F00	5.67	±9.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	19.6
10102	CAF	LTE-FDD (SC-FDMA, 100% AB, 20 MHz, 14-QAM)	LTE-FOO	5.60	±9.6
10103	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TOO	9.29	
10104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)			±9.0
	CAH		LTE-TOO	9.97	19.0
10105		LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOO	10.01	±9.6
10108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.60	±9.6
10109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-GAM)	LTE-F00	8.43	±9.0
10110	CAH	LTE-FDD (SC-FDMA, 100% RB, SMHz, QPSK)	LTE-FD0	5.75	±9.6
10111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-FDD	8.44	±9.6

Certificate No: EX-7309\_Jun23 Page 11 of 22

F-TP22-03 (Rev. 05) Page 34 of 138



A STATE OF THE PARTY OF THE PAR	ev Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
	AH LTE-FDD (SC-FDMA: 100% RB, 10MHz, 64-QAM)		6.58	3,9.6
	AH LTE-FOD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FDD	6.62	±9.6
	AD IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8,10	19.6
	AD IEEE 802.11n (HT Greenfield, 81 Mbps, 15-QAM)	WLAN	8,48	19,8
	AD IEEE 802,11n (HT Greenlield, 135 Mbps, 64-QAM)		6.15	±9.6
	AD IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	会9.6
	AD IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	±9.6
	AD IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	6.13	#9.6
	AF LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)		6.49	±9.6
	AF LTE-FOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	The state of the s	6.53	3,0.6
	AF LTE-FOO (SC-FOMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5,73	±9.6
	AF LTE-FOD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6
	AF LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	±9.6
	AG LTE-FDD (SC-FDMA, 100% RB, 1.4 MH≥, QPSK)	LTE-FDD	5.76	29,6
	AG LTE-FOD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM		6.41	3.876
	AG LTE-F00 (SC-F0MA, 100% RB, 1.4 MHz, 64-QAM		6.72	±9.6
	AF LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5.42	±9.6
	AF LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	8,9,6
	AH LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK)	LTE-TDD	9.28	±9.6
And the second second	AH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
	AH LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
	AH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.76	±9.6
	AH LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6
	AH LTE-FDD (SC-FDMA, 50% RB, SMHz, QPSK)	LTE-F0D	5.79	3.0.6
	AH LTE-FDD (SC-FDMA, 50% RB, 5MHz, 18-QAM)	LTE-F00	6,49	±9.6
	AH LTE-FOD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-F00	6.62	±9.6
the state of the s	AH LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 84-QAM)	LTE-FD0	6.56	±9.0
71.00	AF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-F00	5.82	±9.6
T. C. C. C. C. C.	AF LTE-FDD (SC-FDMA, 50% RB, 18 MHz, 16-QAM)	LTE-FD0	8.45	±9.6
	AF LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-F00	6.58	±9.6
	AG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FD0	5.46	±9.6
	AG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6
	AG LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
	AF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-F00	5.73	±9.6
	AF LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 18-QAM)	LTE-F00	6.52	+9.6
	AF LTE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-F00	6.49	±9.6
	AH LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TD0	8.21	19.6
	AH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16 QAM)	LTE-TDO	9.48	±9.6
	AH LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TOO	10.25	19.6
	AH LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-F00	5.72	19.6
7.11.20.4	AH LTE-FDD (SC-FDMA, 1 RB, 10MHz, 16-DAM)	LTE-F00	6.52	±9.6
	AJ LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-F00	5.7:1	±9.0
F-20-5	AH LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-F00	6.52	±9.6
	AH LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-F00	6.50	+9.6
	AH LTE-FDD (SC-FDMA, 1 RB, 5 MHz. 64-DAM)	LTE-FDO	8.50	±9.6
	AF LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LYE-FOO	5.72	19,6
	AF LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-F00	6.52	±9.6
	AE LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FOO	8.50	±9.8
market and the large	AF LTE-FDD (SC-FDMA, 1 RB, 3MHz, QPSK) AF LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FOO	5.73	±9.6
		LTE-F00	5.51	19.6
		LTE-F00	6,50	£9,0
	AG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK) AG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FOD	5.73	±9.6
	The state of the s	LTE-F00	6.52	±9.6
	AG LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) AD IEEE 802.11n (HT Greenfield 8.5 Mbps, 8PSK)	LTE-F00	6.50	+9.6
		WLAN	8.09	±9.6
		WLAN	B.12	19.6
	AD IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) AD IEEE 802.11n (HT Mixed, 6.5 Mbms, BPSK)	WLAN	6.21	±9.6
	AD   IEEE 802.11ri (HT Most, 6.5Mbps, 6PSK) AD   IEEE 802.11ri (HT Most, 39Mbps, 16-QAM)	WLAN	8.10	19.6
	Section 1 to 1	WLAN	B.13	19.6
	AD IEEE 802.11n (HT Mised, 65 Mbps, 64-QAM) AD IEEE 802.11n (HT Mised, 7.2 Mbps, 6PSK)	WLAN	8.27	±9.6
		WLAN	B.03	±9.0
		WLAN	8.13	±9.6
	AD IEEE 802 11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
	AD IEEE 802 11rt (HT Mixed, 15Mbps, BPSK)	WLAN	8.06	+9.6
	AD IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	B.48	±9.0
0224 C	AD IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.0

Certificate No: EX-7309\_Jun23

Page 12 of 22

F-TP22-03 (Rev. 05) Page 35 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	UncE k =
10225	CAC	UMTS-FDD (HSPA+)	WCDMA	5.97	19.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOO	9.49	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64 QAM)	LTE-TDD	10.26	±9.6
022B	CAC	LTE-TDD (SC-FDMA, 1 AB, 1.4 MHz, QPSK)	LTE-TOO	9.22	19.6
0229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDG	9.48	±9.6
0530	CAE	LTE-TOD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TOD	10.25	19.6
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TOD	9.19	19.6
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TOO	9.48	±9.6
0233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TOO	10.25	±8.6
10234	CAH	LTE-TOO (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TOO	8.21	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 16-QAM)	LTE-TOO	9.45	19.6
0236	CAH		LTE-TDD	10.25	19.6
0237	CAH		LTE-TOD	9.21	±9.6
0238		LTE-TOD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-TOD	9.48	19.6
0239	CAG		LTE-TOD	10.25	
0240	CAG	LTE-TOD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-TDD		19.6
0241	CAC		A STATE OF THE STA	9:21	+9.6
0242	CAC		LTE-TDD	9.82	±9.6
			LTE-TOD	9.86	29.6
0243	CAC	LTE-TOD (SC-FOMA, 60% RB, 1.4MHz, QPSK)	LTE-TOD	9,46	±9.6
0244	CAE	LTE-TOD (SC-FDMA, 58% RB, 3MHz, 16-QAM)	LTE-TDD	10.06	±9,6
D245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.08	±9.6
0246	CAE		LTE-TOD	9,30	±0.6
0247		LTE-TOO (SC-FOMA, 50% R8, 5 MHz, 16-QAM)	LTE-TOD	0.91	±9.6
0248		LTE-TOD (SC-FDMA, 50% RB, 5MHz, 64-QAM)	LTE-TDD	10.09	±0.8
0249	CAH	LTE-TOO (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	0.81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.6
0252	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	+9.6
0253	CAB	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	±9.6
0254	CAG	LTE-TOD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-TOD	10.14	±9.6
0255	CAG	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.6
0.256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.5
0.257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE/TOD	10.08	±8.6
0258	CAC		LTE-TOD	9.34	±9.6
0.259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	
0.260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOD		±9.6.
0261	CAE	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, QPSK)		9.97	±9.6
0.262	CAH		LTE-TOD	9.24	25.8
0263	CAH		LTE-TDD	9.83	±9.5
	CAH	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TOD	10.16	±9.6
10264		LTE-TDD (SC-FDMA, 100% BB, 5MHz, QPSK)	LTE-TOD	9.23	#9.8
0.265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TOD	9.92	#9/6
0.266	CAH	LTE-TOD (SC-FDMA, 100% RB, 10MHz, 64-QAM)	LTE-TDD	10.07	±0.6
0267	CAH		LTE-TDD	9.30	59.6
0.268	CAG	The state of the s	LTE-TDD	10.06	#11/6
0268	CAG		CTE-TDD	10,13	±9.6
0270	CAG	LTE-TOD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TOD	9.58	±9.6
0274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	19.6
0275	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
0277	CAA	PHS (QPSK)	PHS	11,81	±9.6
0.278	CAA	PHS (OPSK, BW 884 MHz, Rollott 0.5)	PHS	11.81	19.8
0279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	12.18	±9.6
0580	AAB	CDMA2000, RC1, SOS5, Full Rate	CDMA2000	3.91	±9.0
0591	BAA	COMAZ000, RC2, SOSS, Full Rate	CDMA2008	3.46	19.0
0292	AAB	CDMA2000, RC3, SQ32, Full Rate	CDMA2000	3.39	19.6
0290	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	±9.6
0295	AAB	CDMA2000, RC1, SO3, 1/8h Rate 25 fr.	CDMA2000	12.49	19.8
0297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20MHy, QPSK)	LTE-FDD	5.81	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FOD	5.72	
0290	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FD0	the state of the s	19.0
0300	AAE	LTE-FOD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-FDD	6.39	#9.6
0301	AAA	IEEE 802,16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)		6.60	±9.6
0301	AAA		WMAX	12.03	±9.6
		IEEE 802.16e WIMAX (29.18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12,57	±9.8
0003	AAA	IEEE 802.15e WIMAX (31:15, 5 me, 10 MHz, 64QAM, PUSC)	WMAX	12.52	±9.6
0304	AAA	IEEE 802,16e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WMMX	11.86	±9.6
	AAA	IEEE 802 16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM; PUSC, 15 symbols)	WWAX	15:24	19.6
0306	AAA	IEEE 802.16e WMAX (29:16, 10 ms. 10 MHz, 64QAM, PUSC, 16 symbols)	WMAX	54.67	

Certificate No: EX-7309\_Jun23

Page 13 of 22



UID	Rev	Communication System Name	Group	PAR (dB)	Uno" k =
0307	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WMAX	14.49	±8.6
0308	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.48	±9.6
0309	AAA	IEEE 802.16e WIMAX (29:18, 10 ms, 10 MHz, 16 QAM, AMC 2x3, 18 symbols)	WIMAX	14.58	19.6
0310	AAA	IEEE 802:16e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WMAX	14.57	±9.6
0311	AAE	LTE-FOD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FDD	5.06	±9.6
0313	AAA	IDEN 13	IDEN	10.51	69.6
0314	AAA	IDEN 1.6	IDEN	13.48	±9.6
0315	AAE	IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, (Ripc duty cycle)	WLAN	1,71	±9.6
0316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 8 Mbps, 96pc duty cycle)	WLAN	8.38	±9.6
10317	DAA	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	6.36	±9.6
10352	AAA	Pulse Wavelorm (200Hz, 10%)	Generic	10.00	+9.6
10363	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	19.6
10366	AAA	Pulse Wevelorm (200Hz, 60%)	Generic	2.22	19.6
10356	AAA	Pulse Wavetorm (200Hz, 80%)	Generic	0.97	±9.6
10387	AAA	QPSK Wavelorm, TMHz	Generic	5.10	
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.10	±9.6
10396	AAA	64-QAM Waveform, 100kHz	Generic	-	55.55
10396	AAA	64-QAM Waveform, 40 MHz	and the latest and th	6.27	±9.6
10400	AAE	IEEE 802.11ac WIFI (20MHz, 64-DAM, 98pc duty cycle)	Generic	6.27	10.6
	100		WLAN	8.37	±9.5
10401	AAE	IEEE 802.11ac WIFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10400		IEEE 802.11ac WiFI (80 MHz, 64-DAM, 99pc duty cycle)	WLAN	8.53	±9.6
	BAA	CDMA2000 (1xEV-DD, Rev. 0)	CDMA2000	3.76	±11.6
10404	BAA	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	3,9.6
10406	BAA	CDMA2000, RC3, S032, SCH0, Full Rate	CDMA2000	5.22	±9,6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UA. Subframe~2,3,4,7,8,9, Subframe Conf~4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	8,86
10415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.0
10416	AAA	IEEE 802.11g WIF 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	3.9.0
10417	AAC	IEEE 802.11a/h W.Fl.5 GHz (OFDM, 6Mbps, 99pc duty cycle)	WLAN	8.23	#9.6
10418	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, II Mbps; 99pc duty cycle, Long preumbule)	WLAN	8.14	±9.6
10419	AAA	IEEE 802.11g WIF-2.4 GHz (DSSS-OFDM, 6 Mbps, (9pc duty cycle, Short presmbule)	WLAN	8.19	±0.8
10422	AAC	(EEE 002.11n (HT Greenfeld, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	B.47	±9.6
10424	AAC	IEEE 802.11n (HT Greenfeld, 72.2 Mbps, 84-QAM)	WLAN	8.40	±9.8
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mops, BPSK)	WLAN	8.41	±9.6
10.426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	±9.0
10427	AAC	IEEE 802.11n (HT Greenfield, 150Mbps, 64-QAM)	WLAN	8.41	19.8
10430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	8.28	±9.5
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFOMA, 20 MHz, E-TM 3,1)	LTE-FOO	B.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, GPSK, UL Subhame-2.3.4,7,6,9)	LTE-TOD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LYE FOO	7.56	±9.6
10448	AAE	LTE-FDD (OFOMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	+9.6
10449	AAD	LTE-FDD (CFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10.450	AAD	LTE-FDD (OFOMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	BAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	
10453	AAE	Validation (Square, 10ms, 1ms)	Tost	10.00	±9.6
10456	AAC.	IEEE 802.11ac WIF) (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.8
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA.		and the second second
10458	AAA	CDMA2000 (1xEV-DO, Rec. B, 2 carriers)	1 57 76 90 17 17 71	6.62	±9.6
10458	AAA		CDMA2000	6.55	±9.6
10480	BAA	CDMA2000 (1xEV-DO, Rev. B, 3 pairlers) UMTS-FDD (WCDMA, AMR)	CDMA2000	8.25	#9.6
10460	AAC		WCDMA	2.39	±9.6
	Annual School	LTE-TDD (SC-FDMA, 1 R8, 1.4MHz, GPSK, Ul. Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
0.462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16 QAM, UL Subhama-2.3,4,7.8.9)	LTE-TOD	8.30	3.0 (
0463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subhame=2,3,4,7,8.9)	LTE-TDD	8.56	±9.6
10454	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±0.6
10466	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-DAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.67	3.9.6
10467	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
10.468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-DMM, UL Subtraine=2,3,4,7,8,9)	LTE-TOD	8.56	19.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
	AAG	LTE-TOO (SC-FOMA, 1 RB, 10 MHz, 16-QAM, UL Subtrame=2.3.4,7 g/s)	LTE-TDD	8.32	59.6

Certificate No: EX-7309\_Jun23

Page 14 of 22



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-GAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2.3,4,7,6,9)	LTE-TOO	7.82	±9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UI, Subtrame=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 84-GAM, UL Subframe=2,3.4.7,8.9)	LTE-TDD	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 15-GAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.32	3.0.6
111111111111111111111111111111111111111	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subhame-2,3.4,7,8,9)	LTE-TDD	8.57	±9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB. 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	8.18	±0.6.
10481	Action to the last	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10482	AAD	LTE-TDB (SC-F0MA, 50% RB, 3 MHz, DPSK, UL Subtrame=2.3,4,7,8,9)	LTE-TOD	7.71	±9.6
		LTE-TDD (SC-FDMA, 50% RB. 3 MHz, 16-QAM, UL Subtrarva-2,3,4,7,6,9)	LTE-TOD	8.39	+9.6
10484	DAA	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	B.47	±9.6
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, OPSK, UL Subframe=2,3,4,7,8,8)	LTE-TOD	7.59	±9.6
		LTE-TDD (SC-FDMA, 50% RB, 5MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.38	±9.6
10487	AAG	LTE-TDD (SC-FDMA, 50% R8, 5MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOO	8.60	#9.6
10488	AAG.	LTE-TD0 (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subhame=2,3,4,7,8,9)	L7E-700	7.70	+9.6
10489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subkame=2,3,4,7,8,9)	LTE-TOD	8.31	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subleane-2,3.4.7,8,9)	LTE-TOO	8.54	±9.0
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subhame+2.3,4,7.8,9)	LTE-TOO	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-GAM, UL Subframe-2,3,4,7,5,9)	LTE-TOO	8.41	±9.6
10493	AAF	LTE-TDD (SC-FDMA, 50% R8, 15MHz, 64-QAM, UL Subtrame=2,3.4,7,8,9)	LTE TOO	8.55	±0.6
10494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	8.37	±9.6
10498	AAG	LTE-TDD (SC-FDMA, 50% R8, 20 MHz, 64-CAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,6,9)	LTE-TOO	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subliame=2,3,4,7,8,9)	LTE-YOO	8.40	19.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.68	£9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subhame+2.3.4,7.8.9)	LTE-TOO	7.67	±9.6
10501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% AB, 3MHz, 84-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.52	±9.6.
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, SMHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOO	7.72	±9.8
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8.9)	LTE-TOO	8.31	±9.6
10505	AAG	LTE-TD0 (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDO	0.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,6,9)	LTE-TDD	7.74	19.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDO	7.99	19.6
10510	AAF	LTE-TOD (SC-FDMA, 100% RB, 15MHz, 16-QAM, UL Subframe-2,3,4,7,8,9)	LTE-TOD	8.49	±9.6
10511	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	8.51	±9.0
10512	AAG	LTE-TOD (SC-FDMA, 100% RB, 20MHz, QPSK, UL Subkame=2,3,4,7,8,9)	LTE-TDD	7,74	19.6
10513	AAG	LTE-TDD (SC-FDMA, 100% R8, 20MHz, 16-QAM, UL Bubliame+2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10514	AAG	LTE-TOD (SC-FOMA, 100% RB, 20MHz, 64-QAM, UL Subtramo-2,3,4,7,8,9)	LTE-TOD	8.45	±9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10516	AAA	IEEE 802.1 to WIFI 2.4 GHz (DSSS, 5.5 Mops, 90pc duty cycle)	WLAN	1,57	±9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10518		IEEE 802.11a/h WFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10518		IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520		IEEE 902.11a/n WFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6
10521	AAG	IEEE 802.11a/h WFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	±9.6
10522	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 98pc duty cycle)	WLAN	8.45	8.88
10523	AAC	IEEE 802.11a/h WFi 5 GHz (OFDM, 48 Mbps, 9flpc duty cycle)	WLAN	8,08	±9.6
10524	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	6.27	±9.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.36	±9.0
10526	AAC	IEEE 802,11ac WiFi (20 MHz, MCS1, 99pc duty cycle)	WLAN	8,42	±9.6
10527	AAC	IEEE 802.11ac WiFi (29 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
10528	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.36	19.6
10529	AAC	IEEE 802.11ac WF (20 MHz, MCS4, 99pc duty cycle)	WLAN	8.36	±9.6
10531	AAC	IEEE 802.11ac WFi (20 MHz, MCS6, 99pc duty cycle)	WLAN	0.43	19.6
10532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
10533	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.38	±9.6
10534	AAG	IEEE 802.11ac WiFi (40 MHz, MCS0, 98pc duty cycle)	WLAN	8.45	±9.6
10535	AAC	IEEE 802.11ac WFF (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802.11ac WIFI (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.32	±9.6
10537	AAG	IEEE 802.11ac WiFi (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
10538	AAC	IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±0.6
10540	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6

Certificate No: EX-7309\_Jun23 Page 15 of 22

F-TP22-03 (Rev. 05) Page 38 of 138



UND	Rev	Communication System Name	Group	PAR (dB)	Uno <sup>E</sup> k =
0541	AAC	IEEE 802.11ac WFI (40 MHz, MCS7, 98pc duty cycle)	WLAN	8.46	29.0
0542	AAC.	IEEE 802,11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6
0543	AAC	IEEE 802.11ac WiFi (40 MHz, MCS9, 98pc duty cycle)	WLAN	8.65	#9.6
7544	AAC	IEEE 802.51ao WFi (80 MHz; MGS0, 99pc duty cycle)	WLAN	8.47	+9.6
0545	MAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0546	AAC	IEEE 802.11ac WIFI (80 MHz, MGS2, 99pc duty cycle)	WLAN	8.35	±9.6
0547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	+9.6
0548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS4, 89pc duty cycle)	WLAN	8.37	89.6
0550	AAC	IEEE 802.11ac WFI (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.38	±8.8
0551	AAC	IEEE 802,11ac WF1 (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	18.5
0552	AAC	IEEE 802.11ac WF1 (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	39.6
0553	AAC	IEEE 802.11ac WFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	19.5
10554	AAD	IEEE 802.11ac WFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.46	19.6
0555	AAD	IEEE 802,11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
0556	AAD	IEEE 802.11ac WFF (160 MHz, MCS2, 98pc duty cycle)	WLAN	8.50	
0557	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.0
0558	AAD		100000000000000000000000000000000000000		±9.6
		IEEE 802.11ac WIFI (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	£9.6
0680	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	6.73	±9.0
0581	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 80pc duty cycle)	WLAN	8.56	19.6
0562	DAA	IEEE 802.11ac WiFi (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
0563	AAD	IEEE 802.11sc WIFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±0.6
0564	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-QFDM, 9 Mbps, 99pc duty-cycle)	WLAN	8.25	19.6
0565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duly cycle)	WLAN	8.45	±9.6
0566	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	±9.6
0567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
0568	AAA	IEEE 802.11g WiFl 2.4 GHz (DSSS-OFDM, 36 Mops, 99pc duty cycle)	WLAN	B.37	±9.6
0.569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
0570	AAA	IEEE 802,11g WIFI 2,4 GHz (DSSS-OFDM, 54 Mops, 99pc duty cycle)	WLAN	8.30	±0.6
0571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	19.6
0572	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 9flpc duty cycle)	WLAN	1.99	19.6
0573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pg duty cycle)	WLAN	1.98	+9.6
0574	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 80pc duty cycle)	WLAN	1.98	±9.6
10575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.50	±9.6
10576	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 9Mbps, 95pc duty cycle)	WLAN	8.60	+9.8
0577	AAA	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	+9.6
0578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.8
10579	AAA	IEEE 802,11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.38	19.8
10580	AAA	IEEE 802 11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	0.76	±9.6
10581	AAA	IEEE 802.11p WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	6.35	19.0
10582	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 46 Mbps, 90pc duty cycle)			
0583	AAC		WLAN	8.67	±9.6
		IEEE 802.11a/h WIFL5 GHz (OFOM, 6 Mbps, 90pc duty cycle)	WLAN	8,59	#9.6
0584	AAC	IEEE 802.11a/h WIFI S.GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±8.5
0585	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	29.8
0586	AAC	IEEE 802,11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8,49	±9.6
10587	AAC	IEEE 802:11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
0588	AAC.	IEEE 802.11a/h WIFI 5 GHz (OFOM, 36Mbps, 90pc duty cycle)	WLAN	8.78	±9.6
0589	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9/8
0590	AAC	IEEE 802.11a/h WIFi 5 GiHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
0581	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9,6
0980	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	0.79	±9.6
0583	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WI,AN	8.84	±9.6
0594	AAC.	IEEE 802.11n (HT Mixed, 28 MHz, MCS3, 90pc duty cycle)	WLAN-	8.74	±9.0
0595	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
0596	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCSS, 90pc duty cycle)	WLAN	8.71	+9.6
0587	AAC	IEEE 882.11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.6
0598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.5
0588	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0600	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.0
0801	AAG	IEEE 802,11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.8
0602	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6
0603	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6
0604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pc duty cycle)			
0605	AAC		WLAN	8.76	±9.8
m middle before he		IEEE 802.11n (HT Mbad, 40 MHz; MCStl, 90pc duty cycle)	WLAN	8.97	±9.8
9090	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0607	AAC	IEEE 802,11ac WIFI (20 MHz, MCS0, 90pc duty cycle) IEEE 802,11ac WIFI (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.64 8.77	±9.0
0808	AAC				±9.8

Certificate No: EX-7309\_Jun23

Page 16 of 22

F-TP22-03 (Rev. 05) Page 39 of 138



June 19, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0609	AAG	JEEE 802.11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.67	±9.6
0610	AAC	IEEE 802.11ac WiFl (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	29.6
0611	AAC	IEEE 802.11ac WiFi (20 MHz, MCSA, 90pc duty cycle)	WLAN	8.70	±9.5
0612	AAC	IEEE 802,11sc WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.6
0613	AAC	IEEE 802.11ac WiFI (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
0614	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0616	AAC	IEEE 802 11ac WFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
0617	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 80pc duty cycle)	WLAN	8.81	±9.6
0818	AAC	IEEE B02.11ac WiFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	19.6
0619	AAC	IEEE 802, 11ac WFI (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0620	AAC	IEEE 802 11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	+9.6
0821	AAC	IEEE 802.11ac WIFI (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.5
0622	AAC	IEEE 802.11ac WiF (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
0623	AAC	IEEE 802 11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0624	AAC	IEEE 802.11ac WiFi (40 MHz, MDS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0628	AAC	EEE 802.11ac WFI (80MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
	A GOLD AND A STATE OF THE PARTY		WLAN	8.88	±9.6
0627	AAC	IEEE 802.11ac WFI (80 MFG, MCS1, 80pc duty cycle)	WEAN	8.00 8.71	19.6
9838	AAC	IEEE B02.11ac WIFI (B0 MHz, MCS2, 90pc duty cycle)		The second second second	19.6
0829	AAC	IEEE 802 11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
0830	AAC	IEEE 802,11ac WiFi (80 MHz, MCS4, 90pc duty cycle)	WLAN		
0631	AAC	IEEE 802,11ac WIFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
0632	AAC	IEEE 802.11ac WFs (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±8.0
0633	AAC	IEEE 802 11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	29.6
0634	AAG	IEEE 802.11se WIFI (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.80	29.6
0635	AAG	IEEE 802.11ac WIFI (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.0
0636	AAD	IEEE 802 11ac WFI (160 MHz, MCS0, 90pc duty cycle)	WLAN	68.0	±9.4
0637	AAD	IEEE 802,11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
0638	AAD	IEEE 802.11ab WIFI (160MHz, MCS2, 90pc duty cycle)	WLAN	8.88	±9.6
0639	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10540	AAD	IEEE 802.11ac WFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9,6
10841	AAD	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	+9.6
10642	DAAD	IEEE 802, 11ac WIFI (160 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9.6
10643	AAD	IEEE 802,11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	88.8	±9.6
10044	AAD	IEEE 802.11ac WFI (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	19.
10645	AAD	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9,11	±9.0
10646	AAH	LTE-TOD (SC-FOMA, 1 RB, 5MHz, QPSK, UL Subframe+2,7)	LTE-TDD	11.96	±9.6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe-2,7)	LTE-TDD	11.96	#9.0
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±87
10652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	±9.
10653	AAF	LTE-TDD (DFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	+9.
10854	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6.96	+9.
10655	AAF	LTE-TDD (OFOMA, 30 MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	7.21	+9.
10658	AAB	Pulse Waveform (200Hz, 10%)	Test	10.00	+9.
	AAB	Pulse Waveform (200Hz, 10%)	Test	fl.99	±9.
10659	AAB		Test	3.98	1.0.
10660		Pulse Waveform (200Hz, 40%)	Teol	3.22	19.
10661	AAB	Pulse Waveform (200Hz, 60%)	Test	0.97	19.
10662	AAB	Pulse Waveform (200Hz, 80%)	Bluetooth	2.19	49
10670	AAA	Buetooth Low Energy			
10671	AAC	IEEE 802,11ax (20MHz, MCS0, 90pc duty cycle)	WI,AN	9.09	#9
10672	4	IEEE 802.11ax (20 MHz, MCS1, 88pc duty cycle)	WLAN	8.57	±9.
10673		IEEE 802.11ax (20 MHz, MGS2, 90pc duty cycle)	WLAN	5.78	±9.
10674		IEEE 802.114x (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.
10675		IEEE 802.11ax (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.
10676		IEEE 802.11ax (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.
10677		IEEE 802-11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	±9.
10678		IEEE 802 11ax (20 MHz, MCS7, 90pc duty cycle)	Wt.AN	8.78	39.
10679		IEEE 802.11ax (20 MHz, MGS8, 90pc duty cycle)	WLAN	8.89	±8
10680		IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.
10881	AAC	IEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.
10982		IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	B.83	±9.
10683		IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±0.
10684		IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.26	±9.
10685		IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	19.
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Certificate No: EX-7309\_Jun23

Page 17 of 22



UID	Rev	Communication System Name	Group	PAR (dB)	Unch k = 2
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 802.11ax (20 MHz, MCS5, 99pc duty cycle)	WLAN	8.29	±9.6
10689	AAC	IEEE 802.11ax (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.55	±9.6
0690	AAC	IEEE 802 11sx (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.8
0692	AAC	IEEE 802,11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE B02.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±9.6
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.91	±9.0
-		A CONTRACT OF THE PROPERTY OF	WLAN	8.61	19.6
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)		and the second second	
10698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10.699	AAC	IEEE 802.11 ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	0.82	±9.8
10700	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.73	±9.非
10701	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.86	19.6
10702	AAC	IEEE 802 11ax (40 MHz, MCS7, 90pt duty cycle)	WLAN	8.70	±9.8
10703	AAC	IEEE 882.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WEAN	8.56	±9.6
10705	AAC	IEEE 802.11ax (40 MHz, MCS16, 90pc duty cycle)	WLAN	8.69	±9.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	8.86	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	#9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	+9.6
10709	AAC	IEEE 802.11 px (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10710	AAC	IEEE 902.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±8.6
10711	AAC	IEEE 802 11 ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
10712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	0.33	±9.6
10714	MAC		WLAN	8.26	19.6
		IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	A4171CM		
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAG	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11sx (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	19.6
10718	AAC	IEEE 862.11ax (40 MHz, MGS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (90 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	19.0
10720	AAC	IEEE 802,11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	19.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	#8.6
10722	AAC	IEEE 802.11ax (90 MHz, MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	19.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	±9.6
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 902.11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6
10729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	W.AN	8.64	±9.6
10730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10731	AAC	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	+9.6
10732	AAC	IEEE 802 11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
	the state of the state of				19.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802,11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8,33	19.6
10736	AAC	IEEE 802.11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	19.6
10737	AAC	IEEE 882.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.36	±9,6
10738	AAC	IEEE 802.11ax (90 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802.11ax (80 MHz, MCS8, 98pc duty cycle)	WLAN	8.20	±9.6
10740		IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	H.48	±9.6
10741	AAC	IEEE 882.11ax (80 MHz, MCS10, 95pc duty cycle)	WLAN	8.40	±9.6
10742		IEEE 882.11ax (80 MHz, MCS11, Rilpc duty cycle)	WLAN	8.43	19.6
10743	AAC	IEEE 802.11ax (150 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6
10744	AAC	IEEE 802,11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	8,16	±9.6
10745		IEEE 802,11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
10746	AAC	IEEE 802.11ax (160 MHz. MCS3, 90pc duty cycle)	WLAN	9.11	19.6
10747	AAC	IEEE 802.11ax (180 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	19.6
10748	7.7	IEEE 802.11ax (180 MHz, MCS5, 90pc duty cycle)	WLAN	8.93	±9.6
10749	AAC	IEEE 802.11ax (160MHz, MC66, 90pc duty cycle)	WLAN	6.90	29.0
1			WLAN	9.79	
10750	Add to the Control	IEEE 802.11ax (180 MHz, MCS7, 90pc duty cycle)	The state of the s		±9.6
10751	AAC	IEEE 802,11ax (180 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10752	AAC	IEEE 802.11sx (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	29.6

Certificate No: EX-7309\_Jun23

Page 18 of 22

F-TP22-03 (Rev. 05) Page 41 of 138



June 19, 2023

DID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0753	AAC	IEEE 802.11ax (160 MHz, MC510, 90pc duty cycle)	WLAN	9.00	±0.6
0754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	49.5
0.755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	19.6
0756	AAC	IEEE 802.11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0757	AAC	IEEE 802.11ax (160 MHz, MCS2, 99pc duty cycle)	WLAN	0.77	±9.0
0758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8,69	±9.6
0.759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	6.58	±8.6
0.760	AAC	IEEE 802.11ax (160 MHz, MCSS, 99pc duty cycle)	WLAN	8.49	±9.6
0761	AAC	IEEE 802.11ax (180 MHz, MCS6, 99pc duty cycle)	WLAN	8.58	±9.8
0.762	AAC	IEEE 802,11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.49	±9.6
0763	AAG .	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	6.53	±9.0
0764	AAC	IEEE 802,11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8,54	±9.6
0765	AAC	IEEE 802.11ax (190 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6
0766	AAC	IEEE 902.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.6
0767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6
0768	AAD	50 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	±9.6
0769	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
0.770	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15NHz)	9G NR FR1 TDD	8.02	±9.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NA FRI TOD	8.02	±9.6
0772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	55 NR FR1 TDD	8.23	±9.6
0773	AAD	5G NR (CP-OFDM, 1 RB. 40 MHz, GPSK, 15 kHz)	5G NR FR1 TDD	8.03	+9.6
0774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	9G NR FR1 TDD	8.01	±9.0
0776	AAD	SG NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	B.30	±8.6
0777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NA FAT TOD	8,30	±9,6
0778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.34	±9.6
0779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,42	19.6
0780	AAD	5G NR (CP-OFDM, 50% RB, 38 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.38	±9.6
0781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.36	±9.6
0782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.43	±9.6
0.783	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.0
0784	AAD	SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	±9.6
0785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, GPSK, 15kHz)	5G NR FR1 TDD	8,40	9.8
0.766	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.35	#9.6
0787	AAD	5G NR (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TOD	8.44	±9,6
10788	AAD	5G NR (CP-OFDM, 100% RB; 30 MHz, QPSK, 15kHz)	5G NR FR1 TOD	8.39	29.6
0789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, GPSK, 15 kHz)	9G NR FR1 TDD	8.37	#8.8
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 15kHz)	5G NR FR1 TD0	6.39	±9.6
0791	AAE	5G NR (CP-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.83	29.6
0.792	AAD	5G NR (CP-OFDM, 1 RB, 10MHz, GPSK, 30kHz)	5G NR FR1 TOO	7.92	#9.8
0.793	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 30 kHz)	50 NR FR1 T00	7.95	±9.0
0794	AAD	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 304Hz)	5G NR FR1 TDD	7.82	293
0.785	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	+9.1
0796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	±9.1
0797	AAD	5G NR (CP-OFDM, 1 RB. 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
0798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.6
0799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	7.93	±9,f
0801	AAD	5G NR (CP-OFDM, 1 RB, 89 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	±9.8
0.802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	7.87	19.1
0800	AAD	5G NR (CP-OFDM, 1 RB, 100MHz, QPSK, 30 kHz)	SG NA FA1 TDD	7.93	±9.1
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.34	±9.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
0.009	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.1
0810	AAD	50 NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 MHz)	SG NR FR1 TDD	8,34	+9.6
0812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, OPSK, 30 KHz)	5G NR FR1 TDD	8.35	19.5
0817	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.35	±9.6
8180	4.5.5	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 30%Hz)	50 NR FR1 TDD	8.34	±9.0
0819	AAD	SG NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.33	±9.6
0820	AAD	5G NR (CP-OFOM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.41	±9.6
0822	AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.41	19.6
alaman bendantan	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.36	±9.6
10823			SG NR FR1 TDD	8.39	+9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)			
10823	AAD AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 30 MHz) 5G NR (CP-OFDM, 100% RB, 90 MHz, CPSK, 30 MHz) 8G NR (CP-OFDM, 100% RB, 90 MHz, CPSK, 30 MHz)	5G NR FRI TDD 5G NR FRI TDD	8.41 8.42	±9.6

Certificate No: EX-7309\_Jun23

Page 19 of 22



June 19, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0829	CAA	5G NR (CP-OFDM, 100% RB, 100 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	8.40	±9.6
0830	GAA	5G NR (CP-OFDM, 1 RB, 10MHz, QPSK, 60NHz)	5G NR FR1 TDD	7.63	±9.6
0831	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
0832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FRI TOD	7.74	±9.6
0833	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.75	±9.6
0835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FRI TDD	7.70	±9.6
836	AAD	53 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NA FA1 TOD	7.66	19.6
1837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	7.68	+9.6
838	AAD	5G NR (CP-OFOM, 1 RB, 80MHz, QPSK, 60kHz)	SG NR FRI TDD	7.70	±9.6
5840	AAD	5G NR (CP-OFDM, 1 RB, 90MHz, QPSK, 60kHz)	5G NR FRI TDO	7.67	±9.6
0841	AAD	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDO	7.71	+9.6
1843	AAD	SG NR (CP-OFDM, 59% RB, 15MHz, CPSK, 8DWHz)	50 NR FRI TDD	8.49	±9.6
	100000000000000000000000000000000000000	5G NR (CP-OFDM, 50% RB, 20MHz, GPSK, 60×Hz)	SG NR FR1 TDD	8.34	±9.6
3844	AAD		5G NR FRI TDD	8.41	+9.6
0846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	SG NR FRI TDD	8.34	+5.6
0854	AAD	5G NR (CP-OFDM, 100% RB, 10MHz, QPSK, 60NHz)	- TOTAL STATE OF THE STATE OF T	70.740.7	
0865	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	+9.6
0858	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.37	±9.0
0867	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	8G NR FR1 TDD	8.35	±9.6
1858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	19.6
0850	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	#8.6
0880	AAD	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NA FRI TDO	8.41	±0.6
1880	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	8.40	#19.6
0863	DAA	5G NR (CP-OFDIM, 100% RB, 80 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	±9.6
0.864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
0885	AAD	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 80NHz)	5G NR FR1 TDD	8.41	19.6
0886	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.68	+9.6
0888	AAD	58 NR (DFTs-OFDM, 100% RB, 108 MHz, OPSK, 30 kHz)	56 NR FRI TDD	5.89	£9.0
0888		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
	and the latest terminal termin		5G NR FR2 TDD	5.86	19.6
0870		5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	49.6
0871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100MHz, 160AM, 120WHz)	Annual State of the Control of the C	6.52	
0872		5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	SG NR FR2 TOD		±9.6
0873		SG NR (DFT-s-OFDM, 1 RB, 100 MHz, 840AM, 120 kHz)	5G NR FR2 TDD	6.61	3,8%
0874		5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.0
0.875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDO	7.78	±9.6
0876	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, CPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.6
0877	AAE	5G NR (CP-OFDM, 1 RB. 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.0
0878	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, 16QAM, 120NHz)	SG NA FR2 TDD	8,41	±9.6
D879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	8.12	±9.6
0880		5G NR (CP-OFDM, 100N, RB, 100MHz, 64QAM, 120kHz)	5G NR FR2 TOD	8,38	±9.6
1880	_	5G NR (DFT-s-OFDM, 1 RB, 50MHz, QPSK, 120kHz)	8G NR FR2 TDD	5.25	±9.6
0882		5G NR (DFT-s-OFDM, 100% RB, 50MHz, QPSK, 120kHz)	50 NR FR2 TDD	5.96	±9.6
0883		50 NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 T00	6.57	±9.5
0884	_	5G NR (DET-s-OFDM, 100% RB, 50MHz, 16GAM, 120kHz)	5G NR FR2 TDD	6.53	±9.6
0885		5G NR (DFT-6-OFDM, 1 RB, 50 MHz, 84QAM, 120 kHz)	5G NR FR2 TDO	6.61	49.6
	and the state of t	5G NR (DFTs-OFDM, 1703; 50 MHz, 54 QAM, 120 kHz)	5G NR FR2 TDD	6.65	+9.6
0886	COLUMN TO SERVICE STREET	The state of the s	5G NR FR2 TOO	7.78	±9/
0.887		SG NR (CP-OFDM, 1 RB, 50 MHz, GPSK, 120 kHz)	5G NR FR2 TDD	8.35	+93
0.888	all a local and a second as	53 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)		10000	
0889	-	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	8.62	+9.1
0890		5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	B.40	+9.1
0891	Contract of the State of the	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	SG NR FR2 TDD	8.13	99:
0892	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120kHz)	SO NA FRE TOD	8.41	±9,
0897	AAC	SG NR (DFT4-OFDM, 1 RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.
0998	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.
0000	AAB	SQ NR (DFT-a-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	19.
0900		5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.0
0901	-	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	29.0
0902	100		5G NR FR1 TDD	5.68	≥9.0
10908			5G NR FR1 T00	5.68	±9.6
18904		5G NR (DFT-6-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	+97
	17.7		5G NR FR1 TD0	5.68	39
10905			5G NR FR1 100	5.68	397
10906		SG NR (DFTs-OFDM, 1 RB, 80 MHz, OPSK, 30 kHz)		5.78	_
10907	-	5G NR (DFT-6-OFDM, 50% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TOD		±9.
10908		5G NR (DFT-6-DFDM, 50% RB, 10 MHz, DPSK, 30 kHz)	50 NR FR1 TDD	5.93	±9.
10900	The state of the s	SG NR (DFT's OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		±9.
10910	AAE	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.

Certificate No: EX-7309\_Jun23

Page 20 of 22



UID	Roy	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0911	AAB	50 NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
0912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 30kHz)	SG NR FR1 TDD	5.84	±9.6
0913	AAB	5G NR (DFT-e-OFDM, 50% RB, 40MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.84	±9.6
0914	AAB	5G NR (DFF-s-OFDM, 50% RB, 50MHz, QPSK, 38 kHz)	5G NR FR1 TDD	5.85	±9.6
1915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	+9.6
1916	BAA	5G NR (DFTs-OFDM, 50% RB, 80 MHz, QPSK, 3GNHz)	5G NR FR1 TDD	5.87	±9.0
1917	AAB	5G NR (DFTs-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
1918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.88	±9.6
919	AAB	5G NR (DFT-a-OFDM, 100% RB, 10 MHz, CPSK, 00 kHz)	5G NA FR1 TDD	5.88	±9.6
980	AAB	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FRI TDD	5.87	±9.6
0921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20MHz, QPSK, 30kHz)	5G NA FA1 TOD	5.84	19.6
0922	AAB	5G NR (DFT+-OFDM, 100% RB, 25MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.82	+9.6
-	AAB	SG NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30MHz)	50 NR FR1 TD0	5.84	±9.6
0923		SG NR (DFT=OFDM, 100% RB, 40MHz, QPSK, 303Hz)	5G NR FRI TDO	5.84	±9.6
0924	BAA	SG NR (DFT-6-OFDM, 100% RB, 50 MHz, QPSK, 30 HHz)	5G NR FR1 TD0	5.95	+8.6
1925			5G NR FR1 TDD	5.84	15.6
1926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	+9.6
0927	AAB	5G NR (DFTs-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	SG NR FR1 FDD	5.52	±9.6
0928	AAC	5G NR (DFT-e-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)			
988	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	19.8
0930	AAC	53 NR (DFTs-OFDM, 1 RB, 15 MHz, QPSK, 15 NHz)	5G NR FR1 FD0	5.52	±9.6
0931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.51	±9.0
0935	AAC	5G NR (DFT+-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	6.51	19.6
0933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 154Hz)	50 NR FR1 FD0	5.51	99.6
(1934	AAC	5G NA (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0935	GAA	SG NR (DFT-6-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0930	AAC	50 NR (DFT:s-DFDM, 50% RB, 5MHz, CIPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
0937	AAG	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.0
0938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 NHz)	5G NR FR1 FDD	5.90	±9.6
0839	AAC	50 NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	±9.6
0940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.89	±9.6
10841		5G NR (DFT-s-OFDM, 50% RB, 30MHz, QPSK, 15WHz)	5G NR FR1 FDD	5.82	+9.6
10942		53 NR (DFT-s-OFDM, 50% RB, 40MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.85	19.6
10943		5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	SG NR FR1 F00	5.95	±9.6
10944	41111111	5G NR (DFT-s-OFDM, 100% RB, 5MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±9.6
0945		50 NR (DFT-s-QFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.85	+9.0
10946	11177	5G NR (OFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.83	±9.5
10947		SG NR (DFT-s-GFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	53 NR FR1 FDD	5.87	±9.6
10948	to the same of the same	5G NR (DFT-s-DFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	19.6
10949		93 NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	3.9.1
10950	A RESIDENCE PROPERTY.	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.94	±0.1
1 1 1 1 1	1000		5G NR FR1 FDD	5.92	19.1
10951		BG NR DL (CP-OFDM, TM 3.1, SMHz, 64-QAM, 15kHz)	5G NR FR1 FDD	8.25	19.1
	and the second second	5G NR DL (OP-OFDM, TM 3.1, 10 MHz, 54-QAM, 15 kHz)	SG NR FR1 FDD	8.15	±9.1
10953	_		SG NR FR1 FDD	8.23	19.0
10954		5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NA FR1 FD0		493
10955		5G NR DL (CP-OFDM, YM 3, 1, 20 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	8.14	19.
10956			SG NR FR1 FDD	8.31	29
10967		6G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-GAM, 30 kHz)	The second secon		
10958		SG NR DL (CP-OFOM, TM 3.1, 15 MHz, 64-GAM, 30 kHz)	5G NR FR1 FD0		±9/
10959		6G NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30 kHz)	5G NR FR1 F00	8.33	±9.
10900		5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 15kHz)	50 NR FR1 TDO		#9,
10961	and the state of the	SG NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz)	5G NR FR1 TDD		±9
10962	-		5G NR FR1 TDD	9.40	+9
10963		5G NR DL (CP-OFDM, TM 3.1, 20MHz, 64 QAM, 15 kHz)	50 NR FR1 TDD	And in contrast of the later of	19.
10/964	and the second	SG NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	SG NR FR1 TDD		3.9
10965			5G NR FR1 TDD		2.9.
10966		5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	SG NR FR1 TDD		+9.
10987	AAB		SG NA FA1 TOD		±9.
10966	AAB		5G NR FR1 TDD		19
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, OPSK, 15 kHz)	SG NR FR1 TDD	Annual Indiana Contract to	±9.
10973	AAB	5G NR (DFF-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 T00	12 100 100 100 100 100 100 100 100 100 1	±9.
10974		SG NR (CP-OFOM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TD0	10.28	±9
10970			ULLA	1.18	±9.
10979	3 1.7.00	The state of the s	ULLA	8.58	±9.
10980	the second		ULLA	10.32	±9.
10981			ULLA	3.19	+0
. : U.01011	AAA	A Development Co.	ULLA	3.43	+0

Certificate No: EX-7309\_Jun23

Page 21 of 22



June 19, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Uno $k + 2$
10983	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15kHz)	5G NR FR1 TOD	9.31	+9.6
10984	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.42	+9.6
10985	AAA	5G NR DL (CP-DFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFOM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.50	+9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.53	±9.6
10988	AAA	5G NR DL (CP-CFOM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.36	19.5
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	19.6
10990	AAA	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	10.24	±9.6
11004	AAA	5G NR DL (CP-OFOM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	18.73	+9.6
11005	AAA	5G NA DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 15kHz)	5B NR FR1 FDD	8.70	+9.6
11006	AAA	5G NR DL (CP-OFOM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	0.55	±9.6
11007	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FRI FDD	8.46	19.6
11008	AAA	5G NR DL (CP-0F0M, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	50 NR FR1 FDD	8.51	19.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.76	+9.6
11010	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	19.6
11011	AAA.	5G NR Dt. (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	19.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	50 NR FR1 FDD	8.68	+8.6
11013	AAA	(EEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±8.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	B.45	195
11015	AAA.	IEEE 802.11ba (320 MHz, MCS3, 90pc duty cycle)	WLAN	II.44	±9.6
11016	AAA.	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	69.0
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	B.41	+9.6
11018	AAA.	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	+9.6
11019	AAA	IEEE 802.11be (320 MHz, MCS7, Blipc duty cycle)	WLAN	8.29	+9.5
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	19.6
11021	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.46	19.6
11.022	AAA.	IEEE 802.11to (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.30	±9.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 96pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	19.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802 11be (320 MHz, MCS0, 99pg duty cycle)	WLAN	8.39	19.6

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

Certificate No: EX-7309\_Jun23

Page 22 of 22



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





S Schwolzerischer Kalibrierdienst
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Servizio svizzero di tarature
S Swiss Calibration Service

Accreditation No.: SCS 0108

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

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-3968\_Sep23

# **CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:3968

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

September 27, 2023

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

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

Galibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1249 Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016 Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660 Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013 Jan23)	Jan-24

Secondary Standards	ID:	Check Date (in house)	Scheduled Check
Power meter £4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3842U01700	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: Dct-24

	Name	Function	Signature
Calibrated by	Aldonia Georgiadou	Laboratory Technician	They
Approved by	Sven Kühn	Technical Manager	52
		if without written approval of the lab	Issued: September 27, 2023

Certificate No: EX-3968 Sep23

Page 1 of 22

F-TP22-03 (Rev. 05) Page 46 of 138



# Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

The Swiss Accreditation Service is one of the signatories to the EA

Multilateral Agreement for the recognition of calibration certificates

#### Glossary

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

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

Polarization φ φ rotation around probe axis

Polarization # # rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., # = 0 is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system

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

- a) IEC/IEEE 62209-1528, "Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices – Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

### Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E<sup>2</sup>-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx.y.z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- · PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of
  power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum
  calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f≤800MHz) and inside waveguide using analytical field distributions based on power measurements for f>800MHz. 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 NORIMx,y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz.
- Spherical isotropy (3D deviation from isotropy): In a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis).
   No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX-3968 Sep23

Page 2 of 22



# Parameters of Probe: EX3DV4 - SN:3968

## **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m)²) <sup>A</sup>	0.54	0.59	0.57	±10.1%
DCP (mV) B	101.4	98.7	99.3	±4.7%

#### Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	mV mV	Max dev.	Max Unc <sup>E</sup> k = 2	
D	CW	X	0.00	0.00	1.00	0.00	140.5	±1.5%	±4.7%	
		Y	0.00	0.00	1.00		123.0			
2537752	Scarronn so I couse	Z	0.00	0.00	1.00		144.6			
10352	Puise Waveform (200Hz, 10%)	X	2.89	66.99	10.61	10.00	60.0	±3.7%	±9.6%	
		Y	20.00	90.11	19.85		60.0			
	Commence of the commence of th	2	7.20	76.02	14.67		60.0			
10353	Pulse Waveform (200Hz, 20%)	X	2.25	66.81	9.74	6.99	80.0	±2.4%	±9.6%	
		Y	20.00	91,24	19.33		80.0			
		Z	20.00	85,87	18,64		80.0			
10354	Pulse Waveform (200Hz, 40%)	X	2.36	69.54	9.97	3.98	95.0	±1.1%	±9.6%	
		Y	20.00	93.27	18.97		95.0	275-27/4		
		Z	20.00	87.12	16.14		95.0			
10355	Pulse Waveform (200Hz, 60%)	X	7.99	78.93	12.02	2.22	120.0	25000	±9.69	
	2 2 2 2	Y	20.00	93.55	17.80		120.0			
		Z	20.00	88.64	15.85		120.0			
10387	QPSK Waveform, 1 MHz	X	1.66	66.44	14.98	1.00	150.0	±2.6%	±2.6%	±9.69
		Y	1.58	65.39	14.27		150.0	12 1/4 5057		
		Z	1.66	66.01	14.74		150.0			
10388	QPSK Waveform, 10 MHz	X	2.22	68.09	15.75	0.00	150.0	±1.0%	±9.69	
	- Charles - Consultation - Consultation	Y	2.12	67.21	15.12		150.0	STANISCO.		
		Z	2.21	67,78	15.51		150.0			
10396	64-QAM Waveform, 100 kHz	X	2.77	70.21	18.75	3.01	150.0	±0.8%	±9.6%	
	CONTRACTOR ACCUSED AND ACCUSED OF THE CONTRACTOR	Y	2.71	68.98	18.06		150.0	250,000	11343550	
		2	2.75	69.61	18.42		150.0			
10399	64-QAM Waveform, 40 MHz	X	3.52	67.23	15.83	0.00	150.0	±1.8%	±9.6%	
		Y	3.46	66,85	15.53		150.0			
		Z	3.54	67.18	15.75		150.0			
10414	WLAN CCDF, 64-QAM, 40 MHz	X	4.88	65.83	15.64	0.00	150.0	±3.5%	±9.6%	
		Y	4.87	65.68	15.52		150.0		15.000	
		Z	4.72	65.13	15.25		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%.

Certificate No: EX-3968 Sep23

Page 3 of 22

F-TP22-03 (Rev. 05) Page 48 of 138

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

8 Linearization parameter uncertainty for maximum specified field strength.

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



# Parameters of Probe: EX3DV4 - SN:3968

# Sensor Model Parameters

	C1 IF	C2 fF	ν-1	T1 ms V <sup>-2</sup>	T2 msV <sup>-1</sup>	T3 ms	T4 V-2	T5 V-1	T6
X	42.5	318.54	35.72	13,42	0.00	5.00	1.08	0.20	1.01
ÿ	44.6	337.82	36.33	13.80	0.00	5.10	0.39	0.38	1.01
Z	44.1	330.25	35.69	18.49	0.00	5.03	0.79	0.26	1.01

## Other Probe Parameters

Certificate No: EX-3968 Sep23

Sensor Arrangement	Triangular
Connector Angle	82.6*
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.

F-TP22-03 (Rev. 05) Page 49 of 138

Page 4 of 22



# Parameters of Probe: EX3DV4 - SN:3968

## 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	10.35	8.97	8.94	0.44	1,27	±12.0%
835	41.5	0.90	10.38	9.03	8.80	0.42	1.27	±12.0%
900	41.5	0.97	9.56	9.09	8.42	0.42	1.27	±12.0%
1750	40.1	1.37	9.17	8.32	8.06	0.29	1.27	±12.0%
1900	40.0	1.40	8.81	8.04	7.78	0.32	1.27	±12.0%
2300	39.5	1.67	7.99	7,30	7.06	0.34	1.27	±12.0%
2450	39.2	1.80	7,98	7.30	7.04	0.33	1.27	±12.0%
2600	39.0	1.96	7,93	7.20	6.94	0.32	1.27	±12.0%
3300	38.2	2.71	7.40	6.78	6.74	0.37	1.27	±14.0%
3500	37.9	2.91	7.36	8.75	6.70	0.36	1.27	±14.0%
3700	37.7	3.12	7.23	6.64	6.60	0.36	1.27	±14.0%
3900	37.5	3.32	7.06	6.49	6.45	0.38	1.27	±14.0%
4100	37.2	3.53	6.95	6:39	6.35	0.39	1.27	±14.0%
4400	36.9	3.84	6.72	6.18	6.14	0.39	1.27	±14.0%
4600	36.7	4.04	6.70	6.16	6.12	0.40	1.27	±14.0%
4800	36.4	4.25	6.74	6.17	6.15	0.39	1.27	±14.0%
4950	36.3	4.40	6.42	5.84	5.85	0.44	1.36	±14.0%
5250	35.9	4.71	6.10	5.52	5,56	0.38	1.58	±14.0%
5600	35.5	5.07	5.17	4.74	4.73	0.38	1.75	±14.0%
5750	35.4	5.22	5.34	4.88	4.88	0.39	1.75	±14.0%
5800	35.3	5.27	5.27	4,81	4.77	0.39	1.78	±14.0%

C Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The uncertainty is the PBS of the CornF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 800 MHz is ±10, 25, 40, 50 and 70 MHz for CornF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of CornF assessed at 15 MHz is 4-9 MHz, and CornF. The problem is 9-18 MHz. Above 5 GHz frequency validity can be acteded to ±110 MHz.

The problem are calibrated using 8 saue simulating founds (TSL) that deviate for and or by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the 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.

Certificate No: EX-3968\_Sep23

Page 5 of 22

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



September 27, 2023

# Parameters of Probe: EX3DV4 - SN:3968

# 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	5.89	5.56	5.57	0.20	2.00	±18.6%

Certificate No: EX-3968, Sep23

Page 5 of 22

C Frequency validity at 6.5 GHz is -660'+700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

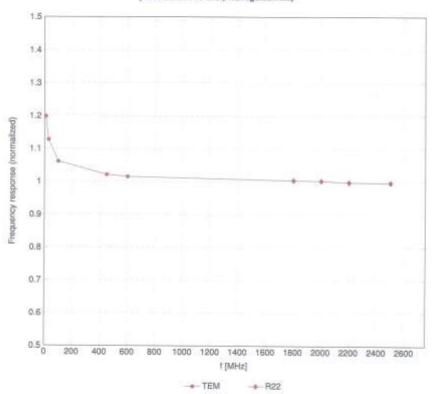
The probes are calibrated using feaue simulating liquids (TSL) that deviate for e and or by less than ±10% from the target values (typically before than ±6%) and are valid for TSL, with deviations of up to ±10%.

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



# Frequency Response of E-Field

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



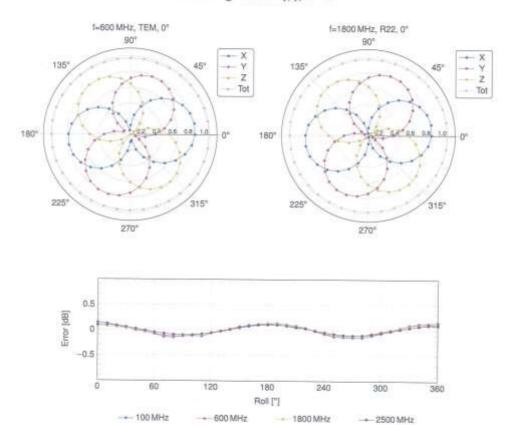
Uncertainty of Frequency Response of E-fleid: ±6.3% (k=2)

Certificate No: EX-3968\_Sep23 Page 7 of 22

F-TP22-03 (Rev. 05) Page 52 of 138



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



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

Certificate No: EX-3968\_Sep23

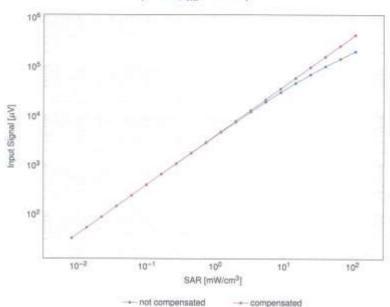
Page 8 of 22

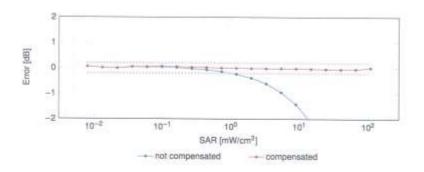
F-TP22-03 (Rev. 05) Page 53 of 138



# Dynamic Range f(SAR<sub>head</sub>)

(TEM cell, f<sub>eval</sub> = 1900 MHz)





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

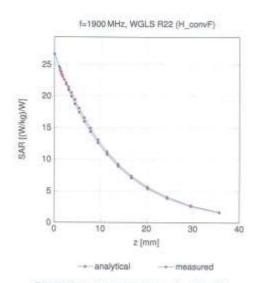
Certificate No: EX-3968\_Sep23

Page 9 of 22

F-TP22-03 (Rev. 05) Page 54 of 138

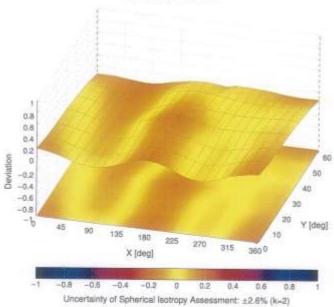


# Conversion Factor Assessment



# Deviation from Isotropy in Liquid

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



Certificate No: EX-3968\_Sep23 Page 10 of 22

F-TP22-03 (Rev. 05) Page 55 of 138



# **Appendix: Modulation Calibration Parameters**

UID	Rev	Communication System Name	Group	PAR (dB)	Unch k =
0		CW	CW	0.00	24.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	19.6
10011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
10012	CAB	IEEE 802.11b WIFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
10013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	W.AN	9.46	±0.6
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
10024	DAC	GPRS-FDD (TOMA, QMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAC	EDGE-FDD (TOMA, 8PSK, TN 0)	GSM	12.62	±9.0
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.60	±9.6
10028	DAG	GPRS-FDD (TOMA, GMSK, TN 0-1-2-3)	GSM	9.55	±8.0
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	19.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluefooth	1.16	±9.6
10033	CAA	(EEE 802.15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	±9.6
10034	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH3)	Bluetooth	4.53	±9.0
10035	CAA	IEEE 802.15.1 Bluetooth (PV4-DQPSK, DH6)	Bluetooth	3.83	±9.6
10/036	CAA	IEEE 802.15.1 Buetooth (6-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetpoth	4.77	±9.6
10038	CAA	IEEE 802 15.1 Bluetooth (8-DPSK, DH5)	Bluelpoth	4.10	±9.6
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6
10042	CAB	IS-64 / IS-136 FDD (TDMA/FDM, PV4-DQPSK, Halfrate)	AMPS	7.78	19.6
10044	CAA	1S-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6
10048	CAA	DECT (TDO, TDMA/FDM, GFSK, Full Set, 24)	DECT	13.80	-
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TOD (TD-SCOMA, 1.29 Mcps)	The state of the s		19.6
10058	DAG	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	TD-SCDMA GSM	11.01	#9.6
10058	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps)	The state of the s	0.52	±9.6
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (0888, 5.5 Mbps)	WLAN	2.12	±9.6
10061	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	2.83	±9.6
10062	CAD	IEEE 802.11a/h WFF 5 GHz (OFDM, 6 Mbps)	WLAN	3.60	±9.6
10063	CAD	IEEE 802.11a/n WFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.68	±9.6
10064	CAD	IEEE 802.11ah WiFi 5 GHz (OFDM, 5 Mbps)	WLAN	8.63	±9.6
10085	GAD		WLAN	9.09	±9.6
10066	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps) IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.00	±9,6
10087	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10088	CAD		WLAN	10.12	±9,6
10000	CAD	IEEE 802,11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	±9.6
10071	CAB	IEEE 802.11a/h WIFI 5 CHz (OFDM, 54 Mbps)	WLAN	10.58	±9,8
10072	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 9Mbps)	WLAN	9.83	±9.0
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12Mbps)	WLAN	9.62	±9,6
10074	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	±9.5
10074		IEEE 802.11g WIFI 2.4 OHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 54 Mbpe)	WLAN	11.00	±9.6
19001	CAB	G0MA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6
10008	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PV4-DOPSK, Futrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
0.097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
0098	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.96	±9.6
0.099	DAC	EDGE-FDD (TDMA, BPSK, TN 0-4)	GSM	9.56	±9.6
0100	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LYE#DD	5.67	±9.6
0101	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 18-QAM)	LTE-FDD	6.42	±9.6
0.102	CAF	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FD0	6,60	±9.8
0103	CAH	LTE-TDD (SC-FDMA, 100% R8, 20 MHz, QPSK)	LTE-TOD	9.29	±9.6
0104	CAH	LTE-TDD (SC-FDMA, 100% R8, 20MHz, 16-QAM)	LTE-TOD	9.97	±9.6
8106	CAH	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	10.01	#9.6
0108	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FD0	5.80	±9.6
0109	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FD0	6.43	19.6
0110	CAH		LTE-FD0	5.75	19.6
0111	CAH	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9.6

Certificate No: EX-3968\_Sep23

Page 11 of 22

F-TP22-03 (Rev. 05) Page 56 of 138



September 27, 2023

UID	Ree	Communication System Name	Group	PAR (dB)	UncE k =
10112	CAH	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FOD	6.59	±9.6
10113	CAH	LTE-FDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-FOD	50.0	±9.6
10114	CAO	IEEE 802.11n (HT Greenfield, 13.5Mbps, BPSK)	WLAN	8.10	±9.0
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 18-QAM)	WLAN	8.46	±9.6
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	19.6
10:117	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, 135Mbps, 84-QAM)	WLAN	8.13	±9.6
10140	GAF	LTE-FDD (SC-FDMA, 100% HB, 15MHz, 18-QAM)	LTE-FDD	6,49	8.61
10141	CAF	LTE-FDD (SC-FDMA, 100% RB, 18 MHz, 64-QAM)	LTE-FDD	6.53	±9.6
10142	CAF	LTE-FDD (BC-FDMA, 100% RB, 3 MHz, QPSK)	LTE FOO	5.73	±9.6
10143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-F00	8.35	±9.6
10144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 84-QAM)	LTE-FOD	6,55	19.6
10145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1,4MHz, QPSK)	LTE-FOD	5.76	19.6
10148	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-F00	8.41	±9.6
10147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6
10149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	8.42	19.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	8.60	19.8
10151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6
10152	CAH	LTE-TDO (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
10159	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TOD	10.05	1.9.8
10154	CAH	LTE-FD0 (SC-FDMA, 50%, RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6
10155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	8.43	±9.6
10156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
10157	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	5.49	±9.6
10158	CAH	LTE-FDD (SC-FDMA, SDN, RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	±9.6
10:159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 54-DAM)	LTE-FDD	6.68	±9.6
10160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	±9.6
10161	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	±9.8
10162	CAF	LTE-FDD (SC-FDMA, 58% RB, 15MHz, 64-QAM)	LTE-F00	6.58	±9.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-F00	5.46	#9.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 15-QAM)	LTE-FDD	6.21	±9.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-FDD	5.73	19.6
10170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	19.6
10171	AAF	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 84-QAM)	LTE-FDD	8.49	±9.6
10172	CAH	LTE-TOO (SC-FOMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	±9.6
10173	CAH	LTE-TDD (SC-FOMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOD	9.48	19.6
10174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	CAH	LTE-FDO (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	8.52	±9:0
10177	CAJ	LTE-FOD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	±9.6
10178	CAH	LTE-FOD (SC-FDMA, 1 RB, SMHz, 16-QAM)	LTE-FDD	6.52	±9.6
10179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 54-QAM)	LTE-FDD	6.50	±9.6
10180	CAH	LTE-FOD (SC-FDMA, 1 RB, 5MHz, 54-QAM)	LTE-FDD	6.50	±9.6
10181	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-F00	5.72	±9.6
10182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FDO	6.50	±9,6
10184	CAF	LTE-FDD (SC-FDMA, 1 HB, 3MHz, GPSK)	LTE-FDO	5.73	±9.6
10185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-FD0	8,51	±9.6
10188	AAF	LTE FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-F00	6.50	±9.6
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FOD	5.73	±9.6
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6
10188	AAG	LTE-FDD (SC-FDMA, 1 RB, 1,4MHz, 64-QAM)	LTE-FDD	8.50	±9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 8.5 Mbps, BPSK)	WLAN	8.09	±9.6
0.194	CAD	IEEE 802,11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 55 Mbps, 64-QAM)	WLAN	8.21	±9.6
10198	GAO	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
0.198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
0219	CAD	EEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	±9.6
0220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	±9.6
0221	CAD	IEEE 802 11n (HT Mored, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6
0222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	19.6
0223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	19.6
0224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)			

Certificate No: EX-3968\_Sep23

Page 12 of 22

F-TP22-03 (Rev. 05) Page 57 of 138



September 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10.225	CAC	UMTS-FDD (H\$PA+)	WCDMA	5.97	±9.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.45	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 64-QAM)	LTE-TOO	10.26	±9.6
10228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TOO	9.22	±9,6
10229	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TOD	9.48	29.6
10230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TOO	10.25	±9.6
10231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3MHz, QPSK)	LTE-TOO	9.19	39.6
10335	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TOD	9.48	19.6
10233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-TOD	9.21	±9.6
10235	CAH	LTE-TDO (SC-FDMA, 1 R8, 10 MHz, 16-QAM)	LTE-TOD	9.48	±9.6
10235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TOD	10.25	±9.6
10237	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	±9.6
10239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 54 QAM)	LTE-TOD	10.25	±9.6
10240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	±9.6
10241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 16-QAM)	LTE-TDD	9.82	±9.6
10242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOD	9.86	±9,6
10243	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TOD	9.46	±9.6
10244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOO	10.06	±9.0
10246	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOO	9.30	±0.6
10247	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	0.91	±9.6
10248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE TOO	10.09	±9.6
10.248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDO	9.29	±9.6
10250	CAH	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, 18-QAM)	LTE-TOO	9.81	±9.6
10251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, 64-QAM)	LTE-TOD	10.17	±9.8
10282	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOO	9.24	±9.6
10253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TOD	9.90	±9.6
10254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 84-QAM)	LTE-TOO	10.14	19.6
19255	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, QPSK)	LTE-TOD	9.20	±9.6
10256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	0.96	±8.6
10257	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TOD	10.08	±9.6
10258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	±9.6
10259	CAE	LTE-TOD (SC-FDMA, 100% RB, 3MHz, 16 QAM)	LTE-TOD	9.98	±9.6
10:260	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM)	LTE-TOD	9.97	±9.6
10261	CAE	LTE-TDD (SC-FDMA, 100% RB, SMHz, QPSK)	LTE-TDD	9.24	±9.6
10.262	CAH	LTE-TDD (SC-FDMA, 190% RB, 5MHz, 16-QAM)	LTE-TDO	9.83	±9.6
10263	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 64-QAM)	LTE-TD0	10.16	±9.6
10264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK)	LTE-TOD	9.23	±9.6
10285	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-GAM)	LTE-TDD	9,92	±8.6
10266	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64 QAM)	LTE-TDD	10.07	19.6
10268	CAG	LTE TDD (SC-FDMA, 100% RB, 10 MHz, GPSK)	LTE-TDD	9.30	±9.6
10288	CAG	LTE-TD0 (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-TDD	10.06	±9.6
10270	CAG	LTE-TDD (SC-FOMA, 100% RB, 15 MHz, 84-QAM)	LTE-TOD	10.13	±9.6
10274	CAC	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) UMTS-FDD (HSUPA, Subtext 5, 3GPP Rei8 10)	LTE-TDD	9.88	±9.0
10:275	CAC		WCDMA	4.87	±8.6
10275	CAA	UMTS-FDD (HSUPA, Subtest 5, 3GPP Relt; 4) PHS (QPSK)	WCDMA	3.96	±9.6
10278	CAA	PHS (OPSK) PHS (OPSK, BW 884 MHz, Rolloft 0.5)	PHS	11.81	±9.0
0.279	CAA	PHS (QPSK, BW 884 MHz, Rolloff 0.5)  PHS (QPSK, BW 884 MHz, Rolloff 0.38)	PHS	11,81	±0.0
10290	AAB	CDMA2000, RC1, SQ55, Full Rate	PHS	12.18	19.6
10290	AAB		COMA2000	3.91	±9.6
10292	AAB	CDMA2000, RC3, SC66, Full Rate CDMA2000, RC3, SC32, Full Rate	COMAZUOD	3.48	±9.6
0293	BAA	COMAZOGO, RC3, SC52, Full Rate COMAZOGO, RC3, SC52, Full Rate	CDMA2000	3.39	±0.6
0296	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 tr.	CDMA2000	3.50	±9.8
0297	AAE	LTE FDD (SC FDMA, 50% RB, 20 MHz, QPSK)	CDMA2000	12.49	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.81	±9.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, QPSK)	LTE-FDD	5.72	±9.6
0300	AAE	LTE-FDD (SC-FDMA, 50% RB, 3MHz, 16-QAM)	LTE-FDD	8.39	±9.6
0300	AAA		LTE-FDD	6.60	±9.6
0302	AAA:	IEEE 802.15e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±8.6
0302	AAA	IEEE 802 16e WMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 CTRL symbols)	WMAX	12.57	±9.6
0304	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	12.52	±9.6
0305	AAA	IEEE 802.18e WIMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WINDX	11.86	±9.6
Market I	10000	EEE 802 166 WMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 16 symbols) EEE 902 166 WMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSQ, 16 symbols)	WIMAX	15.24	±9.6
030E	AAA		WIMAX	14.67	

Certificate No: EX-3968\_Sep23

Page 13 of 22



September 27, 2023

UID	Hev	Communication System Name	Group	PAR (dB)	Unc $k=2$
10307	AAA	IEEE 802.15e WIMAX (29:18: 10 ms, 10 MHz, QPSK, PUSC, 16 symbols)	WIMAX	14.49	3.02
10308	AAA	IEEE 802.16e WIMAX (28:18, 10 ms, 10 MHz, 16QAM, PUBC)	WIMAX	14,46	19.6
10309	AAA	IEEE 802.16e WIMAX (29.18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.5
10210	AAA	IEEE 802.16e WIMAX (29.18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-FOO	6.06	±9.0
10313	AAA	IDEN 1:3:	IDEN	10.51	19.6
10314	AAA	IDEN 1/6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WFi 2.4 GHz (OSSS, 1 Mbps, 86pc duty cycle)	WLAN	1,71	±9.6
10315	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802,11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	19.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	19.6
10353	AAA	Putse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA.	Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.0
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	±8.6
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.8.
10387	AAA	QPSK Waveform, 1 MHz	Generio	5.10	±9.6
0388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	±9.6
10396	AAA	54-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.0
0400	AAE	IEEE 802.11ac W.F. (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.0
10401	AAE	IEEE 802.11ac WFI (40 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WFI (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
0403	AAB	CDMA2000 (1xEV-DC, Rev. 0)	CDMA2000	3.76	±9.0
10404	AAB	CDMA2060 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	AAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8;9, Subtrame Cont=4)	LTE-TDD	7.82	±9.6
10414	AAA	WLAN CCDF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802 11b WIFI Z.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10418	AAA	IEEE 802 11g WIFLE 4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 902.11 a/h WFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WEAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	±9.6
10419	AAA	IEEE 800.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±8.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	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, 15 Mbps, BPSK)	WLAN	8.43	±9.6
10426	MAG	IEEE 802.11n (HT Greenfeld, 90 Mbps, 18-QAM)	WLAN	8.45	±9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	±9.6
10.430	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	±9.6
10431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1)	LTE-FDD	8.34	±9.0
10433	AAD	LTE-FDD (OFDMA, 20MHz, E-TM 3.1)	LTE-FDO	8.34	±9.6
10434	AAB	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
0435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 64%)	LTE-FDD	7.53	±9.6
10449	AAD	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
0.450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCOMA	7.59	±9.6
0453	AAE	Velidetion (Square, 10ms, 1ms)	Test	10.00	19.6
0.456	AAC	IEEE 802.11ac WiFi (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	19.8
10457	AAB	UMTS-FDD (DC-HSDPA)	WCDMA	8.62	+9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	COMA2000	8.55	±9.6
10459	AAA	COMA2000 (1xEV-DO, Plex. B, 3 parriers)	CDMA2000	8.25	±9.8
0.460	AAB	UMTS-FDD (WCDMA, AMP)	WCDMA.	2.38	19.6
10481	AAC	LTE TOD (SC-FOMA, 1 RB. 1.4 MHz, QPSK, UL Subhame=2.3.4,7.6.9)	LTE-TDD	7.82	19.8
0.482	AAC	LTE-TOD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame+2,3,4,7,8,9)	LTE-TOD	8.30	±9.6
0.483	AAD	LTE-T00 (SC-F0MA, 1 RB, 1.4 MHz, 54-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TDD	8.56	19.6
10464	AAD.	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	19.6
10465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TDD	8.32	19.6
0466	AAD:	LTE-TOD (SC-FDMA, 1 RB, 3MHz, 84-QAM, UL Subframe=2,3.4.7,8,9)	LTE-TOO	8.57	±9.6
10467	AAG	LTE-TOD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframes/2.3,4,7,8,9)	LTE-TDO	7.82	#9.6
0468	AAG	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.32	19.6
0489	AAG	LTE-TOD (SC-FDMA, 1 RB, 5MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.58	
0470	AAG	LTE-T00 (SC-FDMA, 1 RB, 10 MHz, QPSK, UI, Subframe-2,3,4,7,8,9)	LTE-TDD	7.82	19.6
0471	AAG.	LTE-TOO (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe-2.3,4,7,8,9)	LTE-TOD		19.6
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Certificate No: EX-3968\_Sep23

Page 14 of 22

F-TP22-03 (Rev. 05) Page 59 of 138



September 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>®</sup> k = 2
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10MHz, 64-QAM, UL Subhama-2,3,4,7,8,9)	LTE-TOO	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, QPSK, UL Subframe=2,3,4,7.6,8)	LTE-TOD	7.82	1,9.6
10474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	±9.6
10475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM, UL Subfristre+2,3,4,7,8,9)	LTE-TOO	8.57	±9.6
10477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 16-QAM, UL Subhamev2,3,4,7,8,8)	LTE-TDD	8.32	±9.6
10478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM, UL Subhamev2,3,4,7,8,9)	LTE-TOD	8.57	29.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subtrame=2,3;4,7,6;8)	LTE-TDO	7.74	±9.6
10480	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2.3,4,7,8.9)	LTE-TDO	8.18	±9.6
10481	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.45	±9.6
10482	AAD	LYE-TDD (SC-FDMA, 50% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.71	19.6
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 15-QAM, UL Subtrame 2,3,4,7,8,9)	LTE-TOD	8.39	19.6
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TDD	8.47	±9.6
10485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subtrame=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-TOD	0.36	±9.0
10487	AAG	LTE-TDD (SC-FDMA, 50% R8, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.60	±9.6
10488	AAG	LTE-TOO (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subfeme=2,3.4,7,6,9)	LTE-TOD	7.70	19.6
10489	AAG	LTE-TD0 (SC-FDMA, 50% RB, 10 MHz, 15-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	B.35	±9.6
10490	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB. 15 MHz, QPSK, UL Subframe=2,3.4,7,8.9)	LTE-TOD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	±9.8
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Subtrame=2,3,4,7,6,9)	LTE-TDD	8.55	±9.8
10494	AAO	LTE-TOD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.37	±9.0
10498	AAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.54	±9.6
10497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK, UL Subframe=2,3,4,7,6,9)	LTE-TDD	7.67	±9.6
10498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subhama=2,3,4,7,8,8)	LTE-TOD	8.40	±9.6
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Submitter-2,3,4,7,8,9)	L3E-TDD	8.60	±9.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TD0	7.67	±9,6
10501	AAD	LTE-TDD (SC-FDMA, 199% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDO	8.44	±9.6
10502	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subtrame=2,3,4,7,8.9)	LTE-TDO	8.52	±9.6
10503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	TAE-ADD	7.72	±9.6
10504	AAG	LTE-TDD (SC-FDMA, 190% RB, 5MHz, 16-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TD0	8.31	±9.0
10506	AAG	LTE-TDD (SC-FDMA, 190% RB, 5 MHz, 64 QAM, UL Subhame=2,3,4,7,6,9)	LTE-TDD	8.54	±9.6
10006	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6
10507	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UE Subframe+2,3,4,7,8,9)	I,TE-TDO	8.36	±9.6
10508	AAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Scbframe=2,3,4,7,8,9)	LTE-TOO	8.55	±9.6
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframev2,3,4,7,8,8)	LTE-TOO	7.99	±9.6
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframes/2,3,4,7,8,9)	LTE-TDD	8.49	±9.6
10512	AAG	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	19.6
10512	AAG	LTE-TD0 (SC-F0MA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,5)	LTE-TOD	7.74	±9.6
10514	AAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subhame-2,3,4,7,8,9)	LTE-TDD	8.42	±9.6
10516	AAA	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subhame+2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10516	AAA	IEEE 803.116 WIFI 2.4 GHz (DSSS, 2Mbps, 99pc duty cycle) IEEE 802.116 WIFI 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10517	AAA		WLAN	1.57	±9.6
10518	AAC	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 95pc duty cycle) IEEE 802.11a/b WIFI 5 GHz (DFDM, 9 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6
10519	AAC	EEE 802.11a/h WIFLS GHZ (CFDM, 12 Mbps, 98pc duty cycle)	WLAN	8.23	±9.6
10520	AAC	IEEE 802.11ah WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10581	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 https, 98pc duty cycle)	WLAN	8.12	±9.6
10522	AAC	IEEE 802 11 NO MED E GUY (OFDIA) 26 MBDS, 9900 GUY CYCR)	WLAN	7,97	±9.6
10823	AAC	IEEE 802.11 a/n WFI 5 GHz (OFDM, 36 Mbps, 98pc duty cycle) IEEE 802.11 a/n WFI 5 GHz (OFDM, 48 Mbps, 98pc duty cycle)	WLAN	8.45	±9.0
10524	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 59pc duty cycle)	WLAN	8.08	19.8
10525	AAC	IEEE 802.11ac WIFI (20MHz, MCS0, 99pc duty cycle)	WLAN	8.27	±9.6
10526	AAC	IEEE 808.11ac WIFI (20 MHz, MCS1, 98pc duty cycle)	WLAN	8.36	±9.6
10527	AAC	IEEE 802.11ac WIFI (20MHz, MCS2, B9pc duty cycle)	WLAN	8.42	±9.6
10528	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 89pc duty cycle)	WLAN	8.21	±9.8
10529	AAC	IEEE 802.11ac WIFI (20 MHz, MCSA, 99pc duty cycle)	WLAN	8.36	48.8
10531	AAD	IEEE 802.11ac WIFI (20 MHz, MCS6, 99pc duty cycle)	WLAN-	8.36	±9.5
10532	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 99pc duty cycle)	WLAN WLAN	8.43	19.6
10533	AAC	IEEE 802.11ac WIFI (20 MHz, MCS8, 99pc duty cycle)		8.29	±9.6
10534	AAC	IEEE 802.11ac WIF: (40 MHz, MCS0, 99pc duty dyde)	WLAN	8.38	±9.6
10535	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±8.6
10536	AAC.	IEEE 802.11ac WIF (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	±9.6
10537	AAC	EEE 802.11ac WF1 (40 MHz, MCS3, 99pc duty cycle)	WLAN:	0.32	19.6
10538	AAC.	IEEE 802.11ac WIFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
10540	AAC	IEEE 802.11ac WIFI (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.54	±9.6
- St St 756	Locales,	The same of the sa	-WLAN	8.39	±9.6

Certificate No: EX-3968\_Sep23

Page 15 of 22

F-TP22-03 (Rev. 05) Page 60 of 138



September 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Uno <sup>E</sup> k = 2
10541	AAC	IEEE 802,11ac WIFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
10542	AAC	IEEE 802.11ac WiFi (40 MHz, MCSB, 99pc duty cycle)	WEAN	8.65	19.6
10543	AAC	IEEE 802.11ac WIFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
10544	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8,47	±9.6
10545	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
10548	AAC	IEEE 802.11ac WiFi (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6
10547	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 98pc duty cycle)	WLAN	8,49	±9.6
10548	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
10550	AAC	IEEE 802,11ac WIFI (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.38	±9.6
10551	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	19.6
10552	AAC	IEEE 809.11ac WIFI (80 MHz, MCS8, 89pc duty cycle)	WLAN	8.42	±9.6
10553	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 98pc duty cycle)	WLAN	8.45	19.6
10554	AAD	IEEE 802.11ac WIFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.46	±9.fi
10555	AAD	IEEE 802,11ac WIFI (168 MHz, MCB1, 99pc duty cycle)	WLAN	8.47	±9.6
10556	AAD	IEEE 802.11ac WIFI (166 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	±9.6
10557	AAD	IEEE 802.11ac Willi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8,52	19.6
10558	AAD	IEEE 802.11ac WiFi (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.61	±9.8
10560	AAD	IEEE 802.11ac WIFI (160 MHz, MCS6, 39pc duty cycle)	WLAN	8.73	±9.6
10561	AAD	IEEE 802.11ac WIR (160 MHz, MOS7, 99pc duty cycle)	WLAN	8.56	±9.6
0.562	AAD	IEEE 802.11ac WiFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	±9.6
10.563	AAD	IEEE 802,11ac WFI (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
10564	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFOM, 9 Mops, 99po duty cycle)	WLAN	8.25	±9.6
10565	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	±9.6
10566	AAA	IEEE 802.11g WiFi Z 4 GHz (DSSB-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.13	±9.6
10567	AAA	IEEE 802.11g WIF: 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8.00	±9.6
10068	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
10569	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
10570	AAA	IEEE 802.11g WIF: 2.4 GHz (DSSS-OFDM, 54 Mbps, 99oc duty cycle)	WLAN	8.90	±9.6
10671	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
10572	AAA.	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1,99	19.6
10573	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1,98	±9.6
10575	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	B.50	±9.6
10576	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty cycle)	WLAN.	8.60	±9.6
10577	AAA	IEEE 802.11g WIFL 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
10579	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10580	AAA	IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 38 Mbps, 90pc duty cycle)	WLAN	8.76	±9.8
10581	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
10582	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
10583	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.0
10584	AAC	IEEE 802.11e/h WIFI 6 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 96pc duty cycle)	WLAN	8.70	±9.6
10588	AAC	IEEE 802.11a/h WIFI 5 GHz (CFDM, 18 Mbps, 90pc duty cycle)	WLAN.	8.49	±9.6
10587	AAG	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
10588	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
10589	AAC:	IEEE 802.11a/h WFi 5 GHz (OFOM, 48 Mbps, 90pc duty cycle)	WLAN	0.35	±9.6
10590	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8,67	±9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
10592	AAC	IEEE 809.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10583	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.8
10594	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10.595	AAC	IEEE 802.11m (HT Mixed, 20 MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6
0.598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MC85, 90pc duty cycle)	WLAN	8.71	±9.6
0597	AAC	IEEE 802,11n (HT Mixed, 20 MHz, MCS6, 90pc duty cycle)	WLAN	8.72	±9.8
0.598	AAC	IEEE 802.11n (HT Mixed, 20 MHz, MCS7, 90pc duty cycle)	WLAN	8.50	±9.6
0599	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS0, 90pc duty cycle)	WLAN	8.79	±9.6
0.600	AAC	IEEE B02.11n (HT Mixed, 40 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0601	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle)	WLAN	8.82	±9.6
10602	AAC	IEEE 802.11n JHT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN:	8.94	±9.6
10,609	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS4, 90pc duty cycle)	WLAN	9.03	19.6
10604	AAC	IEEE 802.11n (HT Mixed, 40 MHz, MCS5, 90pp duty cycle)	WLAN	8.76	19.6
0.605	AAC	IEEE 802 11n (HT Mixed, 40 MHz, MCS6, 90pc duty cycle)	WLAN	8.97	19.6
	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0606	PMPNA.				
10606	AAC	IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.64	19.6

Certificate No: EX-3968\_Sep23

Page 16 of 22



September 27, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Uno" k = 2
10609	AAC	IEEE 802 11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
10610	AAC	IEEE 802.11ao WIFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	20.6
10611	AAC	IEEE 802.11as WIFi (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
10612	AAC	IEEE 802.11ac WiFi (20 MHz, MCSS, 90pc duty cycle)	WLAN	8,77	±9.6
10613	AAC	IEEE 802,11ac WIFI (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.6
10614	AAC	IEEE 802.11ac WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
10615	AAC	IEEE 809.11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10616	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
10617	AAC	IEEE 802.11ac WiFi (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.51	±9.0
10618	AAC	IEEE 862,11ac WIFI (40 MHz, MCS2, 90pc duty cycle)	WLAN	8,58	£9.8
10819	AAC	IEEE 802.11ac WiFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	0.86	±9.8
10620	AAD	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.87	±9.H
10621	AAC	IEEE 802.11ac WiFi (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.77	±9.ff
10622	AAC	IEEE 802.11ac WiFi (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.88	±9.6
10623	AAC	IEEE 802,11ac WIF: (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
10-624	AAC	IEEE 802.11ac WIFI (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	19.6
10625	AAC	IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.8
10628	AAG	IEEE 802.11ac WiFi (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.8
10627	AAC	IEEE 802.11ac WIF (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.0
10628	AAC	IEEE 802 11ac WFI (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
10629	AAC	IEEE 802.11as WFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10630	AAC	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	±9.6
10631	AAC	EEE 802 11ac WFI (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	±9.6
10632	AAC	IEEE BOZ 11ac WFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±0.6
10633	AAG	IEEE 802.11ac WIFI (85MHz, MCS7, 80pc duty cycle)	WLAN	8.83	19.6
10634	AAG	IEEE 800,11ac WiFi (80 MHz, MCS8, B0pc duty cycle)	WLAN	9.80	±9.6
10635	AAC	IEEE 802.11ac WIFI (80 MHz, MCS9, 90pc duty cycle)	WLAN	8,81	±9.6
10636	AAD	IEEE 802.11ac WIFI (160 MHz, MCS0, 90pc duty cycle)	WLAN	B.83	±8.0
10637	AAD	IEEE 802.11ac WiFi (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	±9.6
10638	AAD	IEEE 802,11ac WiFi (160 MHz, MCS2, 90pc duty cycle)	WLAN	8,86	±9.6
10039	AAD	IEEE 802.11ac WIFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10840	AAD	IEEE 802.11ac WIFI (160 MHz, MCS4, 90pc duty cycle)	WLAN	8.98	±9.6
10641	AAD	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	WLAN	9.06	±9:6
10642	AAD	IEEE 802.11ac WIF (180 MHz, MCS6, 90pc duty cycle)	WLAN	9.06	±9,6
10643	AAD	IEEE 802.11ac WIF (180 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9,6
10645	AAD	IEEE 802.11ac WilF (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10045	AAH	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9,6
10647	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11.96	±9.6
10048	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11,96	±9.6
10662	AAF	COMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10663	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDO	6.91	±9.6
10854	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clpping 44%)	LTE-TD0	7,42	±9.6
10665	AAF	LTE-TDD (OFDMA, 15MHz, E-TM 3.1, Clipping 44%)	LTE-TOO	6.96	±9.6
10688	AAB	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) Pulse Waveform (200Hz, 10%)	LTE-TD0	7,21	±9.6
10659	AAB	Puise Waveform (200Hz, 20%)	Test	10,00	19.6
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	6.99	±9.6
10881	AAB	Pulse Waveform (2004z, 50%)	Test	3.98	±9.6
10862	AAB		Test	2.22	±9.6
10670	AAA	Pulse Waveform (200Hz, 80%) Bluetooth Low Energy	Test	0.97	±9.6
10671	AAC		Bluetooth	2.19	±9:8
10672	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	9.09	±9,8
10673	AAC		WLAN	8.57	±8,8
10674	AAC.	IEEE 802-11ax (20 MHz, MCS2, 90pc duty cycle) IEEE 802-11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
0675	AAC	IEEE 802.11ax (20 MHz, MGS4, 90pc duty cycle)	WLAN	8.74	#9.6
10676	AAC	IEEE 802.11ax (20 MHz, MCSS, 90pc duty cycle)	WLAN	8.90	#9.6
0677	AAC	IEEE 802.11ax (20 MHz, MC36, 90pc duty cycle)	WLAN	8.77	19.6
0678	AAC:	IEEE 602.11ax (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.73	±9.6
0679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.78	±9.6
10680	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.89	19.0
10681	AAC:	HEEE 802.11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.80	19.6
0882	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	0.62	±9.6
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.83	±9.6
0.684	AAC	IEEE 802.11ax (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
0685	AAC	IEEE 802.11ax (20 MHz, MGS1, 99pc duty cycle)	WLAN	8.26	±9.8
www.holiwaye.job.us	AAC	IEEE 802.11ax (20 MHz, MGS3, 99pc duty cycle)	WLAN	8.33	±9.6
		THE THE THE TEN LED WITE, INC. AS. DISECTION COCKET	WLAN	8.28	±9.6

Certificate No: EX-3968\_Sep23

Page 17 of 22

F-TP22-03 (Rev. 05) Page 62 of 138



September 27, 2023

UID	Rev	Communication System Name	Стоир	PAR (dB)	Uno <sup>®</sup> k = 2
10687	AAC	IEEE 802.11ax (20 MHz, MC54, 98pc duty cycle)	WLAN	8.45	±9.6
10688	AAC	IEEE 902.11 ax (20 MHz, MCSS, 99pc duty cycle)	WLAN	8.29	±9.6
10.689	AAC	IEEE 802, I 1 ax (20 MHz, MCS6, 99pc duty cycle)	WEAN	8.55	29.6
10890	AAC	IEEE 802.11ax (20 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	19.6
10691	AAC	IEEE 802.11ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	±9.6
10692	AAC	IEEE 802.11ax (20 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
10693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
10694	AAC	IEEE 802.11ax (20 MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
10695	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	±0.0
10696	AAC	IEEE 802.11ax (40 MHz, MCS1, 90pc duty cycle)	WLAN	0.91	±8.0
10697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
10698	AAC	IEEE 802,11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.89	±9.6
10899	AAC	IEEE 802.11ax (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	+9.6
10700	AAC	IEEE 800,11ax (40 MHz, MCS5, 90pc duty cycle)	WLAN	8.73	±9.6
10701	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	0.86	±9.6
10702	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty trycle)	WLAN	8.70	±9.6
10703	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
10704	AAC	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WEAN	8.56	±9.8
10705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	19.6
10706	AAC	IEEE 802.11ax (40 MHz, MCS11, 90pc duty cycle)	WLAN	5.66	±9.6
10707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
10708	AAC	IEEE 802.11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.fl
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.fi
10710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
10711	AAO	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.8
0712	AAC	IEEE 802.11ax (40 MHz, MCS5, 99pc duty cycle)	WLAN	8.67	19.6
10713	AAC	(EEE 802,11ax (40MHz, MCS8, 99pc duty cycle).	WLAN	8.33	19.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.26	±9.0
10715	AAC	IEEE 802 11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
0716	AAC	IEEE 802.11ax (40 MHz, MCSB, 99pc duty cycle)	WLAN	8.30	±9.6
10717	AAC	IEEE 802.11as (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	±9.6
1071#	AAC	EEE BO2.11ax (40 MHz, MCB11, 99pc duty cycle)	WLAN	8.24	
10719	AAG	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.81	±9.6
0720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802,11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	
0722	AAG	IEEE 802.11ax (80 MHz; MCS3, 90pc duty cycle)	WLAN	8.55	±9.6
0723	AAG	IEEE 802.11au (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	18.6
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	+9.6
0727	AAC	IEEE 802.11ex (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	
0728	AAC	IEEE 802:11ax (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.85	±9,6
0729	AAC	IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
0730	AAC	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN		±9.0
0731	AAC	IEEE 802.11ax (80 MHz, MCSO, 99pc duty cycle)	WLAN	8.67	±9.6
0.732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9,6
0733	AAC	IEEE 802.11ax (80 MHz, MCS2, 98pc duty cycle)	WLAN	8.46	±9.8
0734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)		8.40	±9.6
0735	AAC	EEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.25	19.5
0736	AAC	EEE 802.11ax (80 MHz, MCSS, 99pc duty cycle)		8.33	±9.6
0787	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.27	±9.E
0738	AAC	IEEE 802.11ax (80 MHz, MCS7, 98pc duty cycle)	WLAN	8.36	±9.6
0739	AAC	IEEE 802-11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
0740	AAC	HEEE 802.11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0741	AAC		WLAN	8.48	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS10, 98pc duty cycle) IEEE 802.11ax (80 MHz, MCS11, 98pc duty cycle)	WLAN	8.40	±9.8
0743	AAC	IEEE 800 TTay (150 MUS MCO) DOOR TO COOK	WLAN	6.43	±9.8
0744	AAC	IEEE 802.11ax (156 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±8.6
0745	ANG	IEEE 802.11ax (160 MHz. MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
0746	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	#9.6
0.747	115 (19)	EEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WEAN	9.11	#B.6
meteodora Nicolas	AAC.	NEEE 902.11ax (180 MHz, MCSA, 90pc duty cycle)	WLAN	9.04	<b>元号/8</b>
0748	AAC	IEEE 802.11ax (160 MHz, MCSS, 90pc duty cycle)	WLAN	8.93	39.6
0749	AAC.	IEEE 802.11ax (160 MHz, MCS6, 90pc duty cycle)	WLAN	8.90	19.6
0750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.79	±9.6
0.751	AAC AAC	IEEE 802.11ax (180 MHz, MCS8, 90pc duty cycle) IEEE 802.11ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	58.8	±9.6
0782			WLAN		

Certificate No: EX-3968\_Sep23

Page 18 of 22

F-TP22-03 (Rev. 05) Page 63 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>R</sup> k = 1
10753	.AAC	IEEE 882.11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	19.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6
10766	AAC	IEEE 802.11ax (160 MHz, MCS0, 89pc duty cycle)	WLAN	8.64	±8.6
10758	AAC	EEE 802,11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
10757	AAC	IEEE 802.11ax (160 MHz, MOS2, 99pc duty cycle)	WLAN	8.77	±0.6
10758	AAC	IEEE 802.11ex (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.99	19.6
10759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	19.6
10760	AAC	IEEE 802,11ax (160 MHz, MCS5, S9pc duty cycle)	WLAN	8.49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.58	±9.6
10782	AAC	IEEE 802.11av (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.49	8.03
10763	AAC	IEEE 802.11ex (180 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
10784	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
10765	AAC	IEEE 802,11ax (180 MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.0
10788	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	±9.0
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	19.8
10768	CLAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	19.6
10789	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.01	±9.6
10770	AAD	5G NR (CP-OFDM, 1 R8, 20MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.00	±9.0
10771	AAD	50 NR (CP-OFOM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.0
10772	AAD	5G NR (CP-OFOM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	±9.8
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	50 NR FRH TDD	8.03	+9.6
10774	AAD	5G NR (CP-OFOM, 1 RB, 50MHz, QPSK, 15kHz)	5G NR FR1 TDO	8.02	±9.6
10775	AAD	58 NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	±9.6
10776	AAD	53 NR (CP-OFOM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.30	±9.8
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	SG NR FR1 TDO	8.30	±9.6
10778	AAD	50 NR (CP-OFOM, 50% R8, 20MHz, QPSK, 15kHz)	5G NR FR1 TD0	8.34	49.5
10.779	AAC	5G NR (CP-OFOM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FRI TDD	8.42	±9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDO	8.38	±9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	19.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	SG NR FRI TDD	8.43	±9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, GPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
10794	AAO	5G NR (CP-QFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	19.6
10785	AAD	5G NR (CP OFDM, 100% RB, 15MHz, QPSK, 15MHz)	5G NR FR1 TDD	8.40	
10788	AAD	5G NR (CP-OFDM, 100% RE, 20MHz, QPSK, 15MHz)	DOD-0313-9 100-9 F-9-1		±0.6
10.787	AAD	5G NF (CP-OFDM, 100% RB, 25MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.35	±9.6
10788	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6
10788	AAD	9G NR (CP-OFDM, 199% RB, 40 MHz, QPSK, 15 kHz)		8.39	19.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 TDD	8,37	±9,6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	SG NR FR1 TDO	6.39	±9.6
10792	AAD	50 NR (CP-OFOM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6
10793	AAD	59 NR (CP-OFOM, 1 RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TD0	7.92	±9.8
10794	AAD	5G NR (CP-OFOM, 1 RB, 20MHz, QPSK, 30 MHz)	50 NR FR1 TD0	7.95	±9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25MHz, QPSK, 30 kHz)	5G NR FR1 TOO	7.82	±0.0
18796	AAD	SG NR (CP-OFDM, 1 RB, 30 MHz, OPSK, 30 MHz)	5G NR FR1 TDO	7.84	±8,6
10797	AAD	5G NR (CP-OFDM, 1 RB, 30MHz, CPSK, 30AHz)	5G NR FR1 TDD	7.82	±9.6
10798	AAD		5G NR FR1 TD0	8.01	±9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, OPSK, 30 kHz)	SG NR FR1 TDD	7,89	±9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, CPSK, 30 kHz)	50 NR FR1 TDD	7.89	±9.6
-	AAD	5G NR (CP-OFDM, 1 RB, 96 MHz, CPSK, 30 kHz)	50 NR FR1 TDD	7,87	19.6
10803	AAD	SG NR (CP-QFDM, 1 RB, 100 MHz, QPSK, 30 MHz)	50 NR FR1 TDD	7,93	±9.6
10805		5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10806	AAD	6Q NR (CP-OFOM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	±9.6
10809	AAD	5G NR (CP-OFDM, 50% R8, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.8
10810	AAD	5G NF (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
10812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.35	±9.6
10817	AAE	5G NR (CP-OFOM, 100% RB, 5MHz, QPSK, 30 kHz)	50 NR FR1 TD0	8.36	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NA FR1 TD0	8.34	±9:8
10819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30kHz)	5G NR FR1 TDD	8.33	±9.5
10820	AAD	5G NR (CP-OFOM, 100% RB, 20 MHz, QPSK, 30 kHz)	6G NA FRI TDD	8.30	±9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	SQ NR FR1 TDD	8.41	±9.6
10822	AAD	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	8.41	±9.6
10823	AAD:	5G NR (CP-GFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	±9.6
10824	CAA	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	8.41	±9.6
10825 10827 10828	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6

Certificate No: EX-3968\_Sep23 Page 19 of 22

F-TP22-03 (Rev. 05) Page 64 of 138



UID	Hev	Communication System Name	Group	PAR (dB)	UncE k = 1
10829	AAD	9G NR (CP-OFDM, 199% RB, 100 MHz, QPSK, 30 kHz)	5G NA FRI TOD	8.40	0.65
10830	AAO	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	58 NR FR1 TDD	7.63	398
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	50 NR FR1 TDD	7.73	#9.5
10832	AAZI	50 NR (CP-OFDM, 1 RB, 20 MHz, GPSK, 60 kHz)	5G NR FR1 TDD	7.74	29.6
10833	AAD	SG NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.8
10834	CAA	SG NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FRI TOD	7.75	£9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,70	±9.6
10836	AAD	50 NR (CP-OFOM, 1 RB, 50 MHz, QPSK, 66 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	53 NR (CP-OFOM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	±8.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±8.0
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NA FR1 TDD	7.67	±9.6
10841	AAD	6G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10843	AAD	SG NA (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TOO	8,49	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, GPSK, 60 kHz)	SG NR FR1 TDD	8.34	±9.6
10846	AAD	SG NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10854	CAA	SG NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NA FR1 TDD	8.34	48.6±
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 HHz)	5G NA FA1 TOD	8.36	±9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.37	±9.6
10857	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6
10858	CAA	SG NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	B.34	19.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	19.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10884	AAD	50 NR (CP-OFDM, 199% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6
10865	AAD	50 NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	B,41	£9.8
10886	AAD	5G NR (DFT-s-OFDM, 1 R8, 100 MHz, GPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10988	AAD	5G NR (DFT-a-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	±8.0
10859	AAE	50 NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6
10.870	AAE	5G NR (DFT-s-OFDM, 100% RB, 100MHz, QPSK, 120NHz)	5G NR FR2 TDO	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 18QAM, 120 KHz)	5G NR FR2 TDD	5.76	±9.6
10872	AAE	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOO	6.52	±9.6
10873	AAE	5G NR (DFT-s-OFDM, 1 RB, 100MHz, 64QAM, 180 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT-e-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	50 NR FR2 TDD	6.65	±9.6
10875	AAE	5G NR (CP-OFDM, 1-RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7,78	±9.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	5G NR FR2 TDD	8.39	±9.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	50 NR FR2 TDD	7.95	±9.6
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	19.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFOM, 100% RB, 100 MHz, 84QAM, 120 kHz)	5G NR FR2 TDD	8.38	±9.6
10881	AAE	3G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOO	5.75	±9.6
10882	AAE	9G NR (DFT-a-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	5.96	±9.6
10883	AAE	50 NR (DFT-a-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	SG NR FR2 TDD	6.57	±9.6
10884	AAE	5G NR (DFT-e-OFDM, 100% R8, 50MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.53	±9.6
10885	AAE	5G NR (DFT-a-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.8
10886	AAE	5G NR (DFTs-OFDM, 100% RB, 50MHz, 64QAM, 120KHz)	50 NR FR2 TDD	6.65	±9.0
0887	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
8880	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 MHz)	5G NR FR2 TDD	8.35	±9,6
10889	AAE	6G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120kHz)	50 NR FRZ TDD	8.02	±9.6
10890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	19.6
10891	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAE	5G NR (CP-OFDM, 100% RB, 50MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8,41	±9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5MHz, QPSK, 30kHz)	50 NR FR1 TOD	5.66	±9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 RHz)	5G NR FR1 TDD	5.67	19.6
10899	AAB	53 NR (DFT-II-OFDM, 1 RB, 15MHz, QPSK, 30NHz)	5G NR FR1 TOD	5.67	±9.8
10/900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.68	±9.6
10902	AAB	53 NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.68	±9.6
0903	VVE	5G NR (DFT-e-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10904	AAB	5G NR (DFT-e-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FRI TOD	5.88	±8.6
10905	BAA	5G NR (DFTs-DFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.68	±9.6
10906	BAA	50 NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
0907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	19.6
10908	AAB	5G NR (DFT-s-DFDM, 50% R8, 10 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.93	±9.6
7,7,7				4.150	4.414
0909	AAB	5G NR (DFT+0-DFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6

Certificate No: EX-3968\_Sep23 Page 20 of 22

F-TP22-03 (Rev. 05) Page 65 of 138



UID	Hev	Communication System Name	Group	PAR (dB)	Unc <sup>®</sup> k = 2
10911	BAA	SG NR (DFT-e-OFDM, 50% RB, 25MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.93	±9.6
10912	AAB	SG NR (DFT+-OFDM, 50% RB, 30MHz, QPSK, 30 kHz)	50 NR FR1 TOO	5.84	29.6
10913	BAA	SG NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NA FA1 TOD	5.84	±9.5
10914	4 1 1 1 1 1 1	5G NR (DFT-s-OFDM, 50% RB, 50MHz, QPSK, 30kHz)	5G NR FR1 TDD	5.85	g9.6
10915	AAB	5G NR (DFT a-OFDM, 50% R8, 50MHz, QPSK, 30 kHz)	5G NR FR1 TOD	-5.83	±9.6
10916	AAB	SG NR (DFTs-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	5.87	±9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 50 kHz)	5G NA FR1 TDD	5.94	19.6
10918	AAC	5G NR (DFT-a-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	19.6
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+0-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.0
10921	AAB	50 NR (DFTs-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10822	AAB	53 NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.82	±9.6
10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.84	±9.6
10924	AAB	9G NR (DFT+-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.84	±9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, S0 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.5
10926	- AAR	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10927	AAB	SG NR (DFFa-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	56 NR FR1 TDD	5.94	19.6
10928	AAC	SG.NR (DFT+-OFDM, 1 R8, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	6.52	±9.6
10929	AAC	SG NR (DFT s-CFOM, 1 RB, 10 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.52	±9.6
10930	AAC	5G NR (DFTs-OFDM, 1 RB, 15MHz, QPSK, 18kHz)	5G NR FR1 FDD	5.52	19.6
10991	AAC	50 NR (DFT-6-OFDM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.51	19.6
10832	AAC	5G NR (DFT+-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10933	AAC	5G NR (DFT++ OFDM, 1 RB, 30MHz, QPSK, 15kHz)	5G NR FRI FDD	5.51	±9.6
10934	AAC	50 NR (DFT±-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
10935	CIAA	59 NR (DFT+s-OFOM, 1 RB, 50 MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.51	19.6
10936	AAC	5G NR (DFT-s-OFDM, 50% HB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FRI FDO	5.77	±9.fi
10938	AAC	50 NR (DFT-e-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.00	±9.0
10939	AAC	5G NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	SG NR FR1 FD0	5.82	±9:8
10940	AAC	5G NR (DFT-a-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 F00	5.89	±9.8
10941	AAC	5G NR (DFT:s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.83	±9.8
10942	AAC	50 NR (DFT-a-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	SG NR FRI FDO	5.85	±9.6
10943	AAD	59 NR (DFT-s-OFDM, 50% RB, 50 kH/z, QPSK, 15 kHz)	50 NR FR1 FD0	5.95	19.6
10944	AAC	5G NR (DFTs-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FD0	5.81	19.6
10945	AAC	5G NR (OFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	±9.6
10946	AAC	5G NR (DFT-e-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	50 NA FR1 FDD	5.83	±9.6
10947	AAG	5G NR (DFT-e-DFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FRI FDD	5.87	
10950	AAC	SG NR (DFT-a-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
10951	AAD	5G NR (DFT #-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	±9.6
10952	AAA	5G NR DL (CP OFDM, TM 5.1, 5MHz, 64-QAM, 18kHz)	9G NR FR1 FDD	8.25	±9.6
10963	AAA	90 NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 18kHz)	8G NR FR1 F00		±9.6
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	±9.6
10985	AAA	5G NR Dt. (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.23	±9.6
10956	AAA	5G NR OL (CP-OFDM, TM 3.1, 5MHz, 84-QAM, 30 kHz)		8.42	±0.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	SG NR FR1 FD0	8.14	±9.5
19968	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84 GAM, 30 kHz)	5G NR FR1 FD0	8.31	±9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.6
10960	AAC	6G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	53 NR FR1 FD0	8.33	±9.6
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 84-QAM, 15 8Hz)	5G NR FR1 TDD	9.32	±9.6
10962	AAB	5G NR DL (CP-CFDM, TM 3.1, 15 MP-Iz, 54-QAM, 15 NH)	5G NA FRI TDD	9.36	±9.6
10963	AAB	50 NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	50 NR FR1 TDD	9.40	±9.6
10964	AAC	50 NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9,55	19.6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)	5G NR FR1 TDD	9.29	±9.8
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NA FRI TDO	9.37	±9.6
10.967	AAB.	50 NR DL (CP-OFDM, TM 3.1, 20MHz, 64-QAM, 30KHz)	SG NR FR: TDO	9.55	±9.6
10965	AAB	53 NR DL (CP-OFDM, TM 3.1, 100 MHz, 84-QAM, 30 kHz)	5G NR FR1 TD0	9.42	±9.6
10972	AAB	5G NR (CP-OFOM, 1 RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TDD	9.49	+9.6
10973	AAB	SG NR (DFT4-OFDM, 1 RR. 100 MHz, QPSK, 30 kHz)	5G NR FR1 T00	11.59	±9.6
10974	AAB	50 NR (CP-OFDM, 100%, RB, 100 MHz, 256-QAM, 30 kHz)	SG NA FRI TOO	9.06	±9.6
10978	AAA:	ULLA BDR	5G NR FR1 T00	10.28	±9,6
10979	AAA	ULLA HDR4	ULLA	1.16	±9.6
10980	AAA	ULLA HORE	ULLA	8.58	±9.6
10981	AAA	ULLA HORE	DUCA	10.32	19.6
10982	AAA	ULLA HDRe8	ULLA	3.19	±9,6
THE PERSON	eleter.	GLUS FIGURE	ULLA	3.43	19.6

Certificate No: EX-3968\_Sep23 Page 21 of 22

F-TP22-03 (Rev. 05) Page 66 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Uno <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	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	±0.6
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	29.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10087	AAA.	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 84-QAM, 30 kHz)	5G NR FR1 TOD	9.53	±9.6
10988	AAA.	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 64-QAM, 30 kHz)	50 NR FR1 TOD	9.36	±9:6
10060	AAA	5G NR DL (CF-OFDM, TM 3.1, 80 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
19990	AAA.	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 kHz)	3G NR FR1 TDD	9.52	±9.6
11003	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	SG NR FR1 TDD	10.24	±9.6
11004	AAA.	SG NR DL (CP-OFDM, TM 3.1; 30 MHz, 64-QAM; 30 kHz)	5G NR FR1 TDD	10.73	±9.6
11,006	AAA.	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 84-QAM, 15 kHz)	5G NA FR1 FDD	8.70	±9.6
11006	AAA.	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.55	±8.6
11007	AAA.	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	SG NR FR1 FDD	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 15 NHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NA FR1 FDD	8.76	19.6
11010	AAA	5G NR DL (CP-CFDM, TM 3.1, 30 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	19.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 54 QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.58	±9.6
11013	AAA	IEEE 802,11be (320 MHz, MCS1, Wipc duty cycle)	WLAN	8.47	±9.6
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 99pc duty cycle)	WLAN	8.45	19.6
11015	AAA	IEEE 802,11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±8.6
11017	AAA	IEEE 802.11be (320 MHz, MCSS, 99pc duty cycle)	WLAN	8.41	±9.6
11018	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.40	±9.8
11019	AAA	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	19.6
11023	AAA	IEEE 802.11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AVAVA	IEEE 802.11be (320 MHz, MCS12, 99pc duty cycle)	WLAN	8.42	±9.0
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty byde)	WLAN	8.37	±9.8
11026	AAA	IEEE 802.11be (320 MHz, MCSD, 99pc duty cycle)	WLAN	8.39	±9.6

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

Certificate No: EX-3968\_Sep23 Page 22 of 22

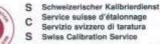
F-TP22-03 (Rev. 05) Page 67 of 138



Calibration Laboratory of Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





Accreditation No.: SCS 0108

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

Client

HCT

Gyeonggi-do, Republic of Korea

Certificate No.

EX-3768\_Jul23

#### **CALIBRATION CERTIFICATE**

Object EX3DV4 - SN:3768

Calibration procedure(s) QA CAL-01.v10, QA CAL-12.v10, QA CAL-14.v7, QA CAL-23.v6,

QA CAL-25.v8

Calibration procedure for dosimetric E-field probes

Calibration date July 18, 2023

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Gal Date (Certificate No.)	Scheduled Calibration
Power meter NRP2	SN: 104778	30-Mar-23 (No. 217-03804/03805)	Mar-24
Power sensor NRP-Z91	SN: 103244	30-Mar-23 (No. 217-03804)	Mar-24
OCP DAK-3.5 (weighted)	SN: 1249	20-Oct-22 (OCP-DAK3.5-1248_Oct22)	Oct-23
OCP DAK-12	SN: 1016	20-Oct-22 (OCP-DAK12-1016_Oct22)	Oct-23
Reference 20 dB Attenuator	SN: CC2552 (20x)	30-Mar-23 (No. 217-03809)	Mar-24
DAE4	SN: 660	16-Mar-23 (No. DAE4-660_Mar23)	Mar-24
Reference Probe ES3DV2	SN: 3013	06-Jan-23 (No. ES3-3013_Jan23)	Jan-24
Secondary Standards	ID.	Check Date (in house)	Scheduled Check
Power mater F4419R	SN: (3841293874	DB-Anr. 16 (in house check Am. 22)	in house check: kim.24

Secondary Standards	ID .	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-22)	In house check: Jun-24
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-22)	In house check: Jun-24
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-22)	in house check: Oct-24

Calibrated by Jettray Katzman Laboratory Technician

Approved by Sven Kühn Technicial Manager Issued: July 19, 2023

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

Certificate No: EX-3768\_Jul23

Page 1 of 22



#### Calibration Laboratory of

Schmid & Partner Engineering AG

Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

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

#### Glossary

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

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

Polarization @ g rotation around probe axis

Polarization #  $\theta$  rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e.,  $\theta = 0$  is

normal to probe axis

Connector Angle Information used in DASY system to align probe sensor X to the robot coordinate system.

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

- a) IEC/IEEE 62209-1528, 'Measurement Procedure For The Assessment Of Specific Absorption Rate Of Human Exposure To Radio Frequency Fields From Hand-Held And Body-Worn Wireless Communication Devices - Part 1528: Human Models, Instrumentation And Procedures (Frequency Range of 4 MHz to 10 GHz)", October 2020.
- b) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

## Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization ∂ = 0 (f ≤ 900 MHz in TEM-call; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E2-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z \* frequency\_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvE
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal. DCP does not depend on frequency nor media.
- · PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx, y,z \* ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ±50 MHz to ±100 MHz
- · Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

Certificate No: EX-3768 Jul23

Page 2 of 22

July 18, 2023



EX3DV4 - SN:3768

# Parameters of Probe: EX3DV4 - SN:3768

## **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k = 2)
Norm (μV/(V/m) <sup>2</sup> ) <sup>A</sup>	0.48	0.48	0.51	±10.1%
DCP (mV) B	111.5	106.5	110.5	±4.7%

## Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	mV	Max dev.	Max Unc <sup>E</sup> k = 2
0	CW	X	0.00	0.00	1.00	0.00	160.4	±2.5%	±4.7%
		Y	0.00	0.00	1.00		159.4		
		Z	0.00	0.00	1.00		166.2		
10352	Pulse Waveform (200Hz, 10%)	X	1.65	61.50	7.18	10.00	60.0	±2.9%	±9.6%
	10.00	Y	1.57	60.84	6.20		60.0	110000	
		Z	1,72	61.66	7.13		60.0		
10353	Pulse Waveform (200Hz, 20%)	X	0.89	60.30	5.48	6.99	80.0	±2.7%	±9.6%
		Y	0.85	60.00	4.64	1000	80.0	100000	
		Z	0.81	60.00	5.21		80.0		
10354	Pulse Waveform (200Hz, 40%)	X	62.00	78.00	9.00	3.98	95.0	±2.8%	±9.6%
	S. All Description of the State	Y	76.00	74.00	7.00	tutot.	95.0	E12200	
		Z	0.04	125.64	0.07		95.0		
10355	Pulse Waveform (200Hz, 60%)	X	10.17	94.82	0.28	2.22	120.0	±1.6%	±9.6%
	The air overes version services	Y	10.27	157.74	12.42		120.0		
		Z	4.37	159.82	13.47		120.0		
10387	QPSK Waveform, 1 MHz	X	0.47	63.35	11.57	1,00	150.0	±4.8%	±9.6%
		Y	0.61	63.64	11.60		150.0		
	AND THE PROPERTY OF THE PROPER	Z	0.41	61.43	10.42		150.0		
10388	QPSK Waveform, 10 MHz	X	1.25	65.69	13.43	0.00	150.0	±1.1%	±9.6%
	Secure of the second of the second of	Y	1.35	65.21	13.46	COLORUS.	150.0	1000000	
	AND THE RESERVE OF THE PARTY OF	7	1.15	64.31	12.80		150.0	and the second	
10396	64-QAM Waveform, 100 kHz	X	1.90	66.73	16.93	3.01	150.0	±0.9%	±9.6%
	A DECEMBER OF A DECEMBER OF SHEET OF SH	Y	1.80	65.50	16.38	2000	150.0		
	LPACKAGE AND	Z	1.73	65.25	16.42		150.0		
10399	64-QAM Waveform, 40 MHz	X	2.74	66.27	14.96	0.00	150.0	±2.7%	±9.6%
	The second secon	Y	2.85	66.04	14.87		150.0		
	2011 A 10-10-10 14-20 14-20 15-20 16	Z	2.78	66.29	14.95		150.0		
10414	WLAN CCDF, 64-QAM, 40 MHz	X	3.70	65.95	15,13	0.00	150.0	±4.6%	±9.6%
	The state of the s	Y	3.90	65.75	15.13		150.0		
		Z	3.77	66.00	15.17		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%.

Certificate No: EX-3768\_Jul23

Page 3 of 22

F-TP22-03 (Rev. 05) Page 70 of 138

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

Uncertainties of Norm X,Y,Z do not affect the E<sup>2</sup>-field uncertainty inside TSL (see Pages 5 and 6).

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



EX3DV4 · SN:3768 July 18, 2023

# Parameters of Probe: EX3DV4 - SN:3768

# Sensor Model Parameters

	C1 fF	C2 IF	ν-1	T1 msV <sup>-2</sup>	T2 msV <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	T6
×	9.0	65.16	33.25	5.09	0.00	4.98	0.81	0.00	1.00
y.	11.3	82.47	33.76	4.24	0.00	4.90	0.60	0.00	1.00
Z	9.6	69.63	33.55	3.92	0.00	4.98	0.59	0.00	1.01

# Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle	-76.9*
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: Messurement distance from surface can be increased to 3-4 mm for an Area Scan job.



EX3DV4 - SN:3768 July 18, 2023

Parameters of Probe: EX3DV4 - SN:3768

# Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity <sup>#</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	9.80	9.80	9.80	0.46	0.80	±12.0%
835	41.5	0.90	9.51	9.51	9.51	0.31	1.12	±12.0%
900	41.5	0.97	9.36	9.36	9.36	0.44	0.80	±12.0%
1450	40.5	1.20	9.07	9.07	9.07	0.22	1,10	±12.0%
1640	40.2	1.31	8.70	8.70	8.70	0.26	0.86	±12.0%
1750	40.1	1.37	8.62	8.62	8.62	0.31	0.86	±12.0%
1900	40.0	1.40	8.31	8.31	8,31	0.29	0.86	±12.0%
2300	39.5	1.67	8.01	8.01	8.01	0.36	0.90	±12.0%
2450	39.2	1.80	7.83	7.83	7.83	0.31	0.90	±12.0%
2600	39.0	1.96	7.52	7.52	7.52	0.40	0.90	±12.0%
3300	38.2	2.71	7:01	7.01	7,01	0.30	1.35	±14.0%
3500	37.9	2.91	6.91	6.91	6.91	0.30	1.35	±14.09
3700	37.7	3.12	6.85	6.85	6.85	0.30	1.35	±14.09
3900	37.5	3.32	6.37	6.37	6.37	0.40	1.60	±14.09
5250	35.9	4.71	5.37	5.37	5.37	0.40	1.80	±14.09
5600	35.5	5.07	4.81	4.81	4.81	0.40	1.80	±14.09
5750	35.4	5.22	4.88	4.88	4.88	0.40	1.80	±14.09
5800	35.3	5.27	4.81	4.81	4.81	0.40	1.80	±14.09

Frequency validity above 300 MHz of ±100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ±50 MHz. The undertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Prequency validity below 300 MHz is ±10, 25, 40, 50 and 70 MHz for ConvF assessed at 6 MHz is 4–9 MHz, and ConvF assessed at 13 MHz is 9–19 MHz. Above 5 GHz frequency validity can be extended to ±110 MHz.

The probles are solibrated using itssue simulating layded (TSL) that deviate for a and or by less than ±5% from the target values (typically better than ±3%) and are valid for TSL with deviations of up to ±10%. If TSL with deviations from the target of less than ±8% are used, the calibration uncertainties are 11.1% for 0.7 × 3 GHz and 13.1% for 3 × 8 GHz.

Certificate No: EX-3768\_Jul23

Page 5 of 22

<sup>6</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.



### Parameters of Probe: EX3DV4 - SN:3768

#### 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	5.20	5.20	5.20	0.20	2.50	±18.6%

Certificate No: EX-3768\_Jul23

Page 6 of 22

C Frequency validity at 6.5 GHz is -800/±700 MHz, and ±700 MHz at or above 7 GHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

The probes are calibrated using flistue simulating liquids (TSL) that deviate for c and c by less than ±10% from the target values (typically better than ±5%) and are valid for TSL with deviations of up to ±10%.

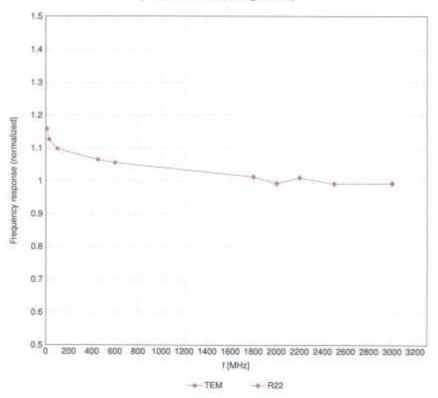
Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less

Than ±1% for frequencies below 3 GHz; below ±2% for frequencies between 3–5 GHz; and below ±4% for frequencies between 6–10 GHz at any distance larger than half the probe tip diameter from the boundary.



### Frequency Response of E-Field

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



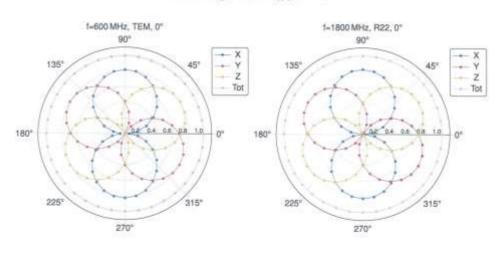
Uncertainty of Frequency Response of E-field: ±6.3% (k=2)

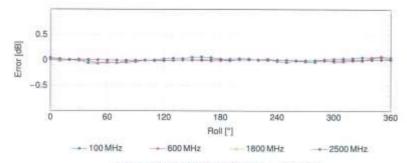
Certificate No: EX-3768\_Jul23 Page 7 of 22

F-TP22-03 (Rev. 05) Page 74 of 138



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





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

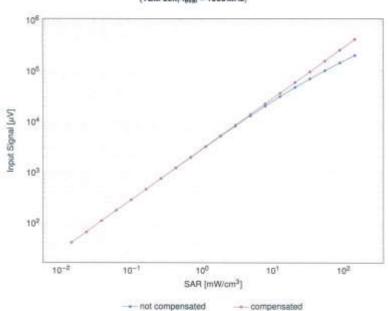
Certificate No: EX-3768\_Jui23 Page 8 of 22

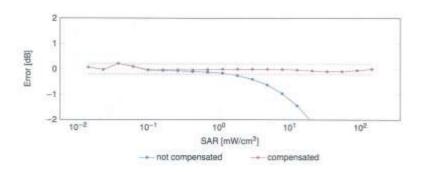
F-TP22-03 (Rev. 05) Page 75 of 138



# Dynamic Range f(SAR<sub>head</sub>)

(TEM cell, f<sub>eval</sub> = 1900 MHz)





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

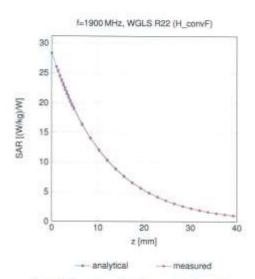
Certificate No: EX-3768\_Jul23

Page 9 of 22

F-TP22-03 (Rev. 05) Page 76 of 138

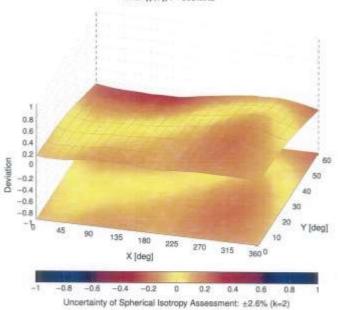


### Conversion Factor Assessment



# Deviation from Isotropy in Liquid

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



Certificate No: EX-3768\_Jul23

Page 10 of 22

F-TP22-03 (Rev. 05) Page 77 of 138



### Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
0		CW	CW	0.00	14.7
10010	CAB	SAR Validation (Square, 100 ms, 10 ms)	Test	10.00	±9.6
0011	CAC	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6
0012	CAB	IEEE 802,11b WIFI 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6
0013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6
0:021	DAG	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6
0023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6
0024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6
10025	DAG	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	19.6
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6
0027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6
8500	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	±9.6
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	19.6
10030	CAA	IEEE 802.15.1 Bluetpoth (GFSK, DH1)	Bluetooth	5.30	±9.6
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1,87	±9.6
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1,16	±9.6
0033	CAA	IEEE 802 15.1 Bluetooth (PV4-DQPSK, DH1)	Bluetooth	7.74	19.6
0034	CAA	IEEE 802 15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	29.8
10035	CAA		# N. S.	The state of the s	
and the last section is	CAA	IEEE 802 15.1 Bluetooth (PV4-DQPSK, DH5)	Bluetooth	3.83	±9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037		IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	±9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DHS)	Bluetooth	4.10	19.6
10039	CAB	CDMAR000 (txRTT, RC1)	CDMA2000	4.67	±9.6
10042	CAB	IS-54 / IS-136 FDD (TOMA/FDM, PV4-DQPSK, Halfrator)	AMPS	7.78	±9.6
10044	CAA	IS-91/EIA/TIA-553 FDO (FDMA, FM)	AMPS	0.00	19.6
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Skit, 24)	DECT	13.80	±9.6
10045	CAA	DEGT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	DAC	EDGE-FDD (TDMA, BPSK, TN 0-1-2-5)	GSM	6.52	±9.6
10059	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 2Mbps)	WLAN	2.12	±9.6
10060	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	±9.6
10051	CAB	IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	±9.0
10062	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6
10063	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 8 Mbps)	WLAN	8.63	±9.6
10084	CAD	IEEE 802.11a/h WIFLS GHz (OFDM, 12 Mbps)	WLAN	8.09	±9.6
10065	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	19.6
10086	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	19.6
10067	CAD	IEEE 802.11a/h WFi 5 GHz (OFDM, 38 Mops)	WLAN	10.12	±9.6
10068	CAD	IEEE 802.11a/h WFI 5 GHz (OFDM, 48 Mbos)	WLAN	10.24	-
10069	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 46 Mbps)	WLAN	10.56	±9.6
10071	CAB			and the second second	±9.fi
		IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 9 Mops)	WLAN	9.83	±9.6
10072	CAE	IEEE 802.11g WFI 2.4 GHz (DSSS/OFOM, 12 Mbps)	WLAN	9.62	±9.6
10073	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9,94	±9.6
10074	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.77	±9.6
10076	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	±9.6
10077	CAB	IEEE 802.11g WFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	19.6
10082	CAB	IS-54 / IS-198 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6
10097	CAC	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6
10096	CAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	±9.6
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6
10100	CAF	LTE-FOD (SC-FOMA, 100% RB, 20 MHz, QPSK)	LTE-FOO	5.67	±9.6
10101	CAF	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	8.42	19.6
10102	CAF	LTE-FOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FOD	6.60	19.6
10103	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, OPSK)	LTE-TDD	9.29	±9.5
10104	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TOD	9.97	±9.6
10105	CAH	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	10.01	19.6
10108	CAH	LTE-FOD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FOD	5.80	
10109	CAH	LTE-FOD (SC-FDMA, 100% RB, 10 MHz, 18-QAM)	LTE-FOO	7017 715	±9.6
	CAH	LTE-FOD (SC-FOMA, 100% RB, 10MHz, 16-QAW)	LTE-FDD	6.43 5.75	±9.6
10110					

Certificate No: EX-3768\_Jul23

Page 11 of 22

F-TP22-03 (Rev. 05) Page 78 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10112	CAH	LTE-FDD (8C-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FOO	0.50	8.9.6
0113	CAH	LTE-FDO (SC-FDMA, 100% RB. 5MHz, 64-QAM)	LTE-F00	6.62	±9.6
0114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	±9.6
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6
0116	CAD	IEEE 802.11n (HT Greenfield, 135 Mops, 64-QAM)	WLAN	6.15	29.6
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	19.6
0118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 15-QAM)	WLAN	8.59	19.5
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	±9.6.
0140	CAF	LTE-FDD (SC-FDMA, 100% RB, 15MHz, 16-QAM)	LTE-FOO	6.49	±9.6
D141	CAF	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-F00	6.53	±9.6
0142	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, QPSK)	LTE-FOD	5.73	19.6
0143	CAF	LTE-FDD (SC-FDMA, 100% RB, 3MHz, 15-QAM)	LTE-F00	6.35	±9.6
0144	CAF	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	IJE-F0D	6.65	±9,6
0145	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	±9.6
0146	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-FDD	6.41	±9.8
0147	CAG	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTEFDD	8.72	19.6
0149	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	5,42	±9.6
0150	CAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.8
0.151	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	19.6
0152	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TOD	9.92	大9.6
0153	CAH	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.6
0154	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.0
0155	CAH	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	19.6
156	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6
0157	CAH	LTE-FOD (SC-FOMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6
0158	CAH	LTE-FOD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FOO	6.62	±9.6
0159	CAH	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	19.6
0160	CAF	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	19.6
0161	CAF	LTE-FDO (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FD0	6.43	±9.6
0162	CAF	LTE-FDD (BC-FDMA, S0% RB, 15 MHz, 64-QAM)	LTE-FDO	6.58	19.5
0166	CMG	LTE-FDD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-FOD	5.46	±9.6
0167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM)	LTE-FOO	6.21	±9.8
0168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 84-QAM)	LTE-FOO	6.79	±9.6
0166	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-F00	5.73	±9.0
0170	CAF	LTE-FDD (SC-FDMA, 1 RB, 20MHz, 16-QAM)	LTE-FOD	6.52	±9.8
0171	AAF	LYE-FDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE FOO	6.49	±9.6
0172	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, QPSK)	LTE-TOO	9.21	±9.6
0173	CAH	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TOO	9.48	±8.6
0174	CAH	LTE-TDD (SC-FDMA, 1 RB, 20MHz, 64-QAM)	LTE-TOO	10.25	±9.5
0175	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, QPSK)	LTE-FDD	5.72	±8.6
0176	CAH	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-GAM)	LTE-FDD	6.52	±9.0
0177	CAL	LTE-FDD (SC-FDMA, 1 RB, 5MHz, QPSK)	LTE-FDD	5.73	±9.8
0178	CAH	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FOD	6.52	±9.6
0179	CAH	LTE-FDD (SC-FDMA, 1 RB, 10MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0180	CAH	LTE-FDD (SC-FDMA, 1 RB, 5MHz, 64-QAM)	LTE-FOO	6.50	±9.6
0381	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, QPSK)	LTE-FOO	5.72	±9.8
0182	CAF	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 16-QAM)	LTE-FOO	6.52	±9.6
0183	AAE	LTE-FDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-FOO	6.50	±9.6
0184	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FOO	5.79	±9/6
0185	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-F00	6.51	±9.6
0186	AAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	±9.6
0187	CAB	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FOD	5.73	±9.5
0188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-F00	6.52	±9.6
0189	AAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FOD	6.50	±9.6
0193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6
0194	CAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6
0195	CAD	IEEE 802,11n (HT Greenfield, 65 Mbps, 64-GAM)	WLAN	8.21	±9.6
0196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6
0.197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6
0198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6
0219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	19.6
0220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 18-QAM)	WLAN	8.13	19.6
0221	CAD	IEEE 802.11n (HT Mixed, 72.2Mbps, 64-QAM)	WLAN	8.27	±9,6
0222	CAD	IEEE 802.11n (HT Mored, 15 Mbps, BPSK)	WLAN	8.06	±9/6
0223	CAD	IEEE 802 11rr (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	19.8
0224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	29.6

Certificate No: EX-3768\_Jut23

Page 12 of 22



UID	Rev	Communication System Name	Group	PAR (dB)	UncE k =
10225	CAC	UMTS-FDO (HSPA+)	WCDMA	5.97	49.6
10226	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4MHz, 16 QAM)	LTE-TOO	9.48	±9.6
10227	CAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TOO	10.26	±9.6
0228	CAC	LTE-TDD (SC-FDMA, 1 RB, 1 AMHz, QPSK)	LTE-TOD	9.22	±9.6
0229	CAE	LTE-TDD (BC-FDMA, 1 RB, 3MHz, 16-QAM)	LTE-TOD	9.48	±9.6
0230	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	19.6
0231	CAE	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	19.5
0232	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 16-QAM)	LTE-TOD	9.48	±9.6
0233	CAH	LTE-TDD (SC-FDMA, 1 RB, 5MHz, 84-QAM)	LTE-TDD	10.25	±9.6
0234	CAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	19.6
0235	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	- Chapterin
-	CAH				19.6
0236	CAH	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
0237	1.75.4.71.2.—	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	±9.6
10238	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 18-QAM)	LTE-TDD	9.48	±9.6
0239	CAG	LTE-TDD (SC-FDMA, 1 RB, 15MHz, 64-QAM)	LTE-TDD	10.25	19.6
0240	CAG	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TOD	9.21	±9.6
0.241	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TOD	9.82	士慈.传.
0242	CAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	£9.0
0243	CAC	LTE-TOD (SC-FDMA, 50% RB, 1.4MHz, QPSK)	LTE-TDD	9.46	±9.6
0244	CAE	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	19.6
0245	CAE	LTE-TDD (SC-FDMA, 50% RB, 3MHz, 64-QAM)	LTE-TDO	10.06	±9.6
0246	CAE	LTE-TDD (SC-FDMA, 50% RB. 3MHz. QPSK)	LTE-TOO	9.30	±9.6
0247	CAH	LTE-TOO (SC-FDMA, 50% RB, 5 MHz, 18-QAM)	LTE-TDD	9.91	19.6
0248	CAH	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDO	10.09	#9.6
0248	CAH	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK)	LTE-TOO	9.29	
120224	-				±9.6
0250	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TD0	9.81	±9.6
0251	CAH	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOO	10.17	±0.6
0252	CAH	LTE-TDD (SC-FDMA, 50% RB, 10MHz, QPSK)	LTE-TOO	9.24	±9.6
0253	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM)	LTE-TOO	9.90	±9,8
0254	CAG	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM)	LTE-TOO	10,14	±9.6
0258	CAG	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	±9.6
0256	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, 16-QAM)	LTE-TOD	9.96	±9.6
0257	CAC	LTE-TDD (SC-FDMA, 100% R8, 1.4MHz, 84-QAM)	LTE-TOD	10.08	±9.6
0258	CAC	LTE-TDD (SC-FDMA, 100% RB, 1.4MHz, QPSK)	LTE-TOD	9.34	±9.6
0259	CAE	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM)	LTE-TDD	9.96	19.8
0280	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TOD	9.97	±9.6
0.261	CAE	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TOD	9.24	±9.6
0.262	CAH	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM)	LTE-TOD	9.83	±9.6
0.263	CAH	LTE-TOD (SC-FOMA, 100% RB, 5MHz, 64-QAM)	LTE-TOD	10.16	
					±9.6
0.264	CAH	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	19.6
0.265	CAH	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6
0.260	CAH	LTE-TDD (SC-FDMA, 190% RB, 10MHz, 64-QAM)	LTE-TDD	10.07	±9.6
0.267	CAH	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK)	LTE-TDD	9.30	±9.6
0268	CAG	LTE-TDD (SC-FDMA, 100% R8, 15MHz, 16-QAM)	LTE-TOD	10.06	±9.6
0.269	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, 64-QAM)	LTE-TOD	10.13	±9.6
0.270	CAG	LTE-TDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-TOD	9.58	1,9.6
0274	CAC	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	±9.6
0275	CAC	UMTS-FDD (HSUPA, Subtent 5, 3GPP Rel8.4)	WCDMA	3.96	±9.6
0277	CAA	PHS (QPSK)	PHS	11.81	19.6
0278	CAA	PHS (QPSK, BW 884 MHz, Rollott 0.5)	PHS	11.81	19.6
0.279	CAA	PHS (QPSK, BW 884 MHz, Rofolf 0.38)	PHS	12.18	19.6
0290	AAB	CDMA2000, RC1, SOSS, Full Rate	CDMA2000	3.91	±9.6
0290	AAB	CDMA2000, RC3, SOSS, Full Rate	CDMA2000	3.46	
0.291	AAB	CDMA2000, RG3, SO39, Full Rate	The state of the s		±9.6
		Harris Strategy Strategy Control of the Control of	CDMA2000	3.39	±9.6
0293	AAB	CDMA2000, RC3, SO3, Full Ratio	CDMA2000	3.50	±9.6
0.295	AAB	CDMA2000, RC1, SQ3, 1/8th Rate 25 fr.	COMA2000	12,49	±9.0
0.297	AAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6
0298	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FOD	5.72	±9.6
0299	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.59	±9.6
0.330	AAE	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FOD	6.60	±9.6
0331	AAA	IEEE 802.16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC)	WIMAX	12.03	±9.6
0302	AAA	IEEE 802,16e WIMAX (29:18, 5 ms, 10 MHz, QPSK, PUSC, 3 GTRL symbols)	WIMAX	12.57	±9.6
0.303	AAA	IEEE 802.16e WIMAX (31:15, 5 ms, 10 MHz, 94QAM, PUSC)	WWAX	12.52	±9.6
0.334	AAA	(EEE 802.16e WMAX (29:18, 5 ms, 10 MHz, 64QAM, PUSC)	WMAX	11.86	19.6
0305	AAA	IEEE 802.16e WIMAX (31:15, 10 ms, 10 MHz, 64QAM, PUSC, 15 symbols)	WMAX	15.24	±9.6
	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, 64QAM, PUSC, 16 symbols)	WIMAX	14.67	±9.6

Certificate No: EX-3768\_Jul23

Page 13 of 22

F-TP22-03 (Rev. 05) Page 80 of 138



EX3DV4 - SN:3768

July 18, 2023

UID	Rev	Communication System Name	Group	PAR (dB)	Unch k =
10307	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, QPSK, PUSC, 18 symbols)	WIMAX	14.49	±9.6
10308	AAA	IEEE 802.16e WMAX (29:18, 10 ms, 10 MHz, 16QAM, PUSC)	WMAX	14.46	±9.6
10309	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, 16QAM, AMC 2x3, 18 symbols)	WMAX	14.58	±9.6
10310	AAA	IEEE 802.18e WIMAX (29:18, 10 ms, 10 MHz, QPSK, AMC 2x3, 18 symbols)	WIMAX	14.57	±9.6
10311	AAE	LTE-FDD (SC-FDMA, 100% RB, 15MHz, QPSK)	LTE-PDD	6.06	±9.6
10313	AAA	DEN 13	IDEN	10.51	±9.6
10314	AAA	DEN 1 S	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WIFI 2.4 GHz (ERP-GFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	±9.6
10317	AAD	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN .	8.36	±9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Wavelorm (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waxeform (200Hz, 40%)	Generio	3.98	±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
10:396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	±9.6
10:399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	±9.6
10400	AAE	IEEE 802.11ac WiFi (20 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	±9.6
10401	AAE	IEEE 802.11ac WIFI (40 MHz, 64-DAM, 99pc duty cycle)	WLAN	8.60	±9.6
10402	AAE	IEEE 802.11ac WiFi (80 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	±9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.6
10 404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10.406	AAB	CDMA2000, RC3, SC32, SCH0, Full Rate	CDMA2000	5.22	±9.6
10410	-AAH	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3.4,7,8.9. Subframe Conf=4)	LTE-TOD	7.82	±9.6
10414	AAA	WI,AN CCOF, 64-QAM, 40 MHz	Generic	8.54	±9.6
10415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	±9.6
10416	AAA	IEEE 802.11g WFI 2.4 GHz (ERP-OFDM, 6 Mbps. 99pc duty cycle)	WLAN	8.23	±9.6
10417	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	19.6
10419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	±9.6
10422	AAC	IEEE 802,11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN:	8.32	±9.6
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6
10.424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.6
10425	AAC	IEEE 802.11n (HT Greenfield, 15Mbps, BPSK)	WLAN:	8.41	±9.6
10426	AAC	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	19.6
10.427	AAC	IEEE 802.11n (HT Greenheld, 150 Mbps, 64 QAM)	WLAN	8.41	±9.6
10.430	AAE	LTE-FDD (OFDMA, 5MHz, E-TM 3.1)	LTE-FDD	6.26	±9.6
10.431	AAE	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	±9.6
10432	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 2-1)	LTE-FDD	8.34	±9.6
10433	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	19.6
10.434	AAB	W-COMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.6
10435	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subhame=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6
10447	AAE	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6
10448	AAE	LTE-FOD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.63	±9.6
10449	AAD	LTE-FDD (OFDMA, 15MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	±9.6
10-450	AAD	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6
10451	AAB	W-CDMA (BS Test Model 1, 64 DPCH, Glipping 44%)	WCDMA	7.59	±9.8
0453	AAE	Validation (Square, 10 ms, 1 ms)	Test	10.00	±9.6
0.456	AAC	IEEE 802.11ac WIFI (160 MHz, 64-QAM, 99pc duty cycle)	WLAN	8.63	±9.6
0.457	AAB	UMYS-FDD (DC-HSDPA)	WCDMA	6.62	19.8
0458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	±9.6
0459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	19.6
0.460	AAB	UMTS-FDD (WCDMA, AMR)	MCDWV	2.39	±9.6
0481	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Subframe=2.3.4,7.8.9)	LTE-TOD	7.82	±9.6
0462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Subtrame+2,3,4,7,8,9)	LTE-TOD	8.30	±9.8
0.463	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.56	
0464	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Subframe=2.3.4,7,8.9)	LTE-TOD	7.82	±9.6
0465	AAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-GAM, UL Subtrame=2,3,4,7,8,9)		The second secon	±9.6
0466	AAD		LTE-TOD	8.32	±9.6
10467	AAG	LTE-TDD (SC FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10468		LTE-TDD (SC-FDMA, 1 R8, 5MHz, GPSK, UL Subhame=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subhame=2,3.4,7,8,9)	LTE-TOO	8.32	±9.6
10469	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TD0	8.56	±9.6
10470	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2.3.4.7.8.9)	LTE-TOD	6.32	±9.6

Certificate No: EX-3768\_Jul23

Page 14 of 22



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> A =
10472	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.57	±9.6
10473	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.82	±9.6
0474	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.32	19.6
0.475	AAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.57	±9.6
0477	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframa=2,3,4,7,8,9)	LTE-TDD	8.32	±9.6
0.478	AAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.57	±9.6
0.479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7,74	±9.6
0.480	AACI	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 18-QAM, UL Subframe=2,3,4,7,8,9)	LYE-TOO	8.18	±9.8
10.481	MAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.45	£9,6
10482	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.71	19.8
10483	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.39	19.8
10484	AAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.47	±9.6
0.485	AAG	LTE-TDD (SC-FDMA, 50% RB, 5MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7,59	±9.6
10486	AAG	LTE-TDD (SC-FDMA, 50% RB, SMHz, 16-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TOO	8.38	±9.8
10487	AAG	I.TE-TDD (SC-FDMA, 50% RB, 5MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.60	±9.8
10488	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOO	7.70	±9.6
0489	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TD0	8.31	±9.6
10480	AAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.41	±9.6
0.493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15MHz, 64-QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.55	±9.6
0494	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TOD	7.74	±9.6
0495	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOO	8.37	±9.6
0496	AAG	LTE-TDD (SC-FDMA, 50% RB, 20MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
0497	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subtrame=2,3,4,7,8,9)	LTE-TOD	7.67	±9.6
0498	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2.3,4,7.8.9)	LTE-TDD	8.40	±9.6
10499	AAC.	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	19.6
10500	AAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe+2.3,4,7,8,9)	LTE-TDD	7.67	±9.6
0501	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.44	±9.6
9060	AAD	LTE-TDD (SC-FDMA, 100% RB, 3MHz, 64-QAM, UL Subframe+2,3,4,7,8,9)	LTE-TDD	8.52	±9.6
0.503	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2.3,4,7,8.9)	LTE-TDD	7.72	19.6
10504	AAG	LTE-TDD (SC-FDMA, 100% RB, 5MHz, 16-QAM, UL Subframe=2,3.4.7,8.9)	LTE-TDD	8.31	±9.6
10505	AAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64 QAM, UL Subhame=2,3,4,7,8,9)	LTE-TOD	8.54	±9.6
10506	AAG	LTE-TDD (SC-FDMA, 100% RB, 10MHz, QPSK, UL Subframe<2,3,4,7,6,9)	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	8.36	±9.6
10508	AAG	LTE-TOD (SC-FDMA, 100% RB, 10MHz, 84-QAM, UL Subframe=2,3.4.7,8.9)	LTE-TOD	8.55	±9.6
10509	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe+2,3,4,7,8,9)	LTE-TDD	7.99	19.6
10510	AAF	LTE-TOD (SC-FOMA, 100% RB, 15MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.49	19.6
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-TOD (SC-FOMA, 100% RB, 20 MHz, QPSK, UL Subframe=2.3,4,7,8.9)	LTE-TDD	7.74	±9.6
10513	AAG	LTE-TOD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TOD	8.42	±9.6
10514	AAG	LTE-TOD (SC-FOMA, 100% RB, 20 MHz, 64-QAM, UL Subtrame=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6
10515	AAA	IEEE 802.11b WIFI 2.4 GHz (OSSS, 2 Mbps, 99pc duty cycle)	WLAN	1,58	19.6
10516	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5Mbps, 99pc duty cycle)	WLAN	1.57	±9.6
10517	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	19.6
10518	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6
10519	AAC	IEEE 802,11a/h WIFI 5/GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6
10520	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	19.6
10521	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN-	7.97	±9.6
10522	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8,45	±9.6
10523	AAC	IEEE 802.11a/h WIFI 5/GHz (OFDM, 48 Mbps, 99pc duty cycle)	W.AN	8.08	±9.6
10524	AAC	IEEE 802.11a/h W/FI 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	19.6
10525	AAC	IEEE 802.11ac WiFi (20 MHz, MCS0, 98pc duty cycle)	WLAN	8.36	19.6
10528	AAC	IEEE 802,11ac WIFI (20 MHz, MCS1, 99pc duty cycle)	WLAN	8.42	±9.6
10527	AAC	IEEE 802,11ac WIFI (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.21	±9.6
0528	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 98pc duty cycle)	WLAN	8.36	89.6
0529	AAC	IEEE 802.11ac WIFI (20MHz, MCS4, 98pc duty cycle)	WLAN	8.35	19.6
10531	AAC	IEEE 802.11ac WiFI (20 MHz, MCS6, 99pc duty cycle)	WLAN	8.43	±9.6
10532	AAC	IEEE 802.11ac WiFi (20 MHz, MCS7, 98pc duty cycle)	WLAN	8.29	49.6
10533	AAC	IEEE 802.11ac WiFi (20 MHz, MCS8, 98pc duty cycle)	WLAN	8.38	19.6
10534	AAC	IEEE 802.11ac WiFI (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.45	19.6
10535	AAC	IEEE 802.11ac WIFI (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6
10536	AAC	IEEE 802.11sc WIFI (40 MHz, MCS2, 98pc duty cycle)	WLAN	8.32	39.6
	AAC	IEEE 802.11ac WIFI (40 MHz, MCS3, 98pc duty cycle)	WLAN	8.44	19.6
					13.5
10537 10538	AAC	IEEE 802.11ac WiFI (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.54	±9.6

Certificate No: EX-3768\_Jul23

Page 15 of 22

F-TP22-03 (Rev. 05) Page 82 of 138



UID R	ev Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
	AC IEEE 802.11ac WFI (40 MHz, MCS7, 99pc duty cycle)	WLAN	8.46	±9.6
0542 A	AC IEEE 802.11ac WiFi (40 MHz, MCS8, 99pc duty cycle)	WLAN	6.65	29.5
0543 A	AC IEEE 802.11ac WIFI (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.65	±9.6
0544 A	AC   IEEE B02:11ac WIFI (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.47	±9.6
0545 A	AC IEEE BOZ.11ac WiFi (BD MHz, MCS1, 96pc duty cycle)	WLAN	8.55	±9.6
0546 A	AC   IEEE 802.11ac WFI (80 MHz, MCS2, 98pc duty cycle)	WLAN	8.35	±9.8
0547 A	AC IEEE 802.11ac WiFi (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.49	±9.6
0548 A	AC   IEEE 802.11ac WIFI (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.37	±9.6
0550 A	AC IEEE 802.11ac WIFI (80 MHz, MCSB, 99pc duty cycle)	WLAN	8.38	±9.6
	AC   IEEE 802.11ac WIFI (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.50	±9.6
	AC IEEE 802.11ac WIFT (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.42	±9.6
	AC IEEE 802.11ac WFI (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6
American Services (Student	AD IEEE 802.11ac WIFI (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.48	±9.6
	AD IEEE 802,11ac WIFI (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.6
	AD IEEE 802,11ac WIFI (160 MHz, MCS2, 99pc duty cycle)	WLAN	8.50	19.6
Charles and Art of the Late of the Control of the C	AD IEEE 802.11ac WiFi (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.52	±9.6
Substitution, All top one	AD   IEEE 802.11ac WIF (160 MHz, MCSA, 99pc duty cycle)	WLAN	8.61	±9.6
and the same of the same	AD IEEE 802.11ac WiFI (160 MHz, MCS6, 99pc duty cycle)	WLAN	8.73	±9.6
	AD IEEE 802.11ac WIFI (160 MHz, MCS7, 99pc duty cycle)	WLAN	8.56	±9.6
	AD IEEE 802.11ac WIFI (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.69	19.6
	AD IEEE 802.11ac WiFi (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.77	±9.6
	AA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	±9.6
	AA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.45	19.6
	AA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.13	19.6
	AA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN.	8.00	±9.6
	AA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.37	±9.6
	AA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty cycle)	WLAN	8.10	±9.6
	AA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.30	±9.6
	AA   IEEE 802.11b WFI 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
	AA   IEEE 802,11b WFI 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	±9.6
	AA   IEEE 802.116 WIFI 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	±9.6
-	AA   IEEE 802.11b WFI 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN .	1,98	±9.6
	AA   IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
	AA   IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 9Mbps, 90pc duty cycle)	WLAN	8,60	±9.6
	AA IEEE 802.11g WFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	19.6
	AA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
	AA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
Contract of the Contract of th	AA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
	AA IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
	AA IEEE 802.11g WFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	±9.6
	AC IEEE 802.11a/h WIFI 5 GHz (OFDM, 6Mbps, 90pc duty cycle)	WLAN	8.59	±9.6
	AC   IEEE 802.11a/h WIFI 5 GHz (OFDM, II Mbps, 90pc duty cycle)	WLAN	8.60	±9.6
	AC   IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8,70	±9.6
	AC IEEE 802,11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	±9.6
	AC   IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6
	AC   IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6
Annual Statement	AC IEEE 802 11ah WFI 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	±9.6
	AC IEEE 802,11a/h W/FI 5 GHz (OFDM, 54 Mbps; 90pc duty cycle)	WLAN	8.67	±9.6
employed the best looked the second	AC IEEE 802.11n (HT Mixed, 20 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.6
International Property	AC IEEE 802.11n (HT Mixed, 20 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	29.6
	AC IEEE 802.11n (HT Mixed, 20 MHz, MCS2, 90pc duty cycle) AC IEEE 802.11n (HT Mixed, 20 MHz, MCS3, 90pc duty cycle)	WLAN	8.64	19.6
	Control of the Contro	WLAN	8,74	19.6
more and the second	AC   IEEE 802.11n (HT Mixed, 20 MHz, MCS4, 90pc duty cycle) AC   IEEE 802.11n (HT Mixed, 20 MHz, MCS5, 90pc duty cycle)	WLAN	8.74	±9.6
		WLAN	8.71	±9.6
	Control of the Contro	WLAN	8.72	±9.6
		WLAN	8.50	±9.6
		WLAN:	8.79	19.6
4 10 10 10 10 10 10 10 10 10 10 10 10 10	The state of the s	WLAN:	8.88	±9.6
	AC   IEEE 802.11n (HT Mixed, 40 MHz, MCS2, 90pc duty cycle) AC   IEEE 802.11n (HT Mixed, 40 MHz, MCS3, 90pc duty cycle)	WLAN	8.82	±9.6
		WLAN	8.94	±9.6
7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7		WLAN	9.03	19.8
		WLAN	8.76	±9.6
		WLAN	8.97	±9.6
	AC IEEE 802.11n (HT Mixed, 40 MHz, MCS7, 90pc duty cycle) AC IEEE 802.11ac WIFI (20 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9.6
		WLAN	8.64	±9.6
0808 A	AC   IEEE 802.11ac WIF: (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.77	±9.6

Certificate No: EX-3768\_Jul23 Page 16 of 22

F-TP22-03 (Rev. 05) Page 83 of 138



UID	Rav	Communication System Name	Group	PAR (dB)	Unch k =
10609	AAC	IEEE 802.11ac WIFI (20 MHz, MCS2, 90pc duty cycle)	WLAN	8.57	±9.6
0.610	AAC	IEEE 802.11ac WIFI (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6
10611	AAC	IEEE 802 11ac WIFI (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.6
0612	AAC	IEEE 802.11ac WIFI (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	±9.8
0613	AAC	IEEE 802.11ac WIFI (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.94	±9.8
0614	AAC	IEEE 802 11ap WIFI (20 MHz, MCS7, 90pc duty cycle)	WLAN	8.59	±9.6
0615	AAC	IEEE 802 11ac WIFI (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0616	AAC	IEEE 802.11ac WIFI (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.82	±9:6
0817	AAC	IEEE 802.11ac WIFI (40 MHz, MCS1, 90pc duty cycle)	WLAN	8.81	19.6
10618	AAC	IEEE 802.11ac WIF (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.58	19.6
-			WLAN	8.86	±9.6
0619	AAC	IEEE 802.11ac WiFi (40 MHz, MCS3, 90pc duty cycle)	The state of the s	8.87	±9.6
0690	AAC	IEEE 802.11ac WiFi (40 MHz, MCS4, 90pc duty cycle)	WLAN		
10621	AAC	IEEE 802,11ac WIFi (40 MHz. MCS5, 90pc duty cycle)	WLAN	8.77	19.6
0622	AAC	IEEE 802.11ac WIFI (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.68	±9.6
0623	AAC	IEEE 802,11ac WiFi (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.82	±9.6
0624	AAC	IEEE 802.11ac WIFi (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.96	±9.6
0625	AAC	IEEE 802.11ac WIFI (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.96	±9.6
0626	AAC	IEEE 802.11ac WIFI (80 MHz, MCS0, 90pc duty cycle)	WLAN	8.83	±9.6
0627	AAC	IEEE 802.11ac WIFI (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.88	±9.6
0.628	AAC	IEEE 802.11ac WIF1 (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.71	±9.6
0.629	AAC	IEEE 802.11ac WIFI (80 MHz, MCS3, 90pc duty cycle)	WLAN	8.86	±9.6
0.630	AAG	IEEE 802.11ac WIFI (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.72	19.6
0631	AAC	IEEE 802.11ac WiFi (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.81	19.6
0632	AAC	IEEE 802.11ac WIFI (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	±9.5
10633	AAC	IEEE 802.11ac WIFI (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.83	49.6
10634	AAC	IEEE 802,11ac WiFi (80 MHz, MCS8, 98pc duty cycle)	WLAN	8.80	19.6
10635	AAC	IEEE 802.11ac WiFi (80 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6
10636	AAD	IEEE 802.11ac WiFi (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.63	±9.0
10837	AAD	IEEE 802.11ac WIFI (160 MHz, MCS1, 90pc duty cycle)	WLAN	8.79	19.6
0638	AAD	IEEE 802.11ac WIFI (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.86	19.5
10639	AAD	IEEE 802 11ac WiFI (160 MHz, MCS3, 90pc duty cycle)	WLAN	8.85	±9.6
10640	AAD	IEEE 802.11ac WiFI (160 MHz, MCS4, 96pc duty cycle)	WLAN	8.98	29.6
0.000		The state of the s	WLAN	9.06	19.6
10641	AAC	IEEE 802.11ac WIFI (160 MHz, MCS5, 90pc duty cycle)	231500	9.06	
10642	AAD	IEEE 802.11ac WiFi (160 MHz, MCS6, 90pc duty cycle)	WLAN	A second district	±9.5
10643	AAD	IEEE 802.11ac WiFi (160 MHz, MCS7, 90pc duty cycle)	WLAN	8.89	±9.6
10644	AAD	(EEE 802.11ac WiFi (160 MHz, MCS8, 90pc duty cycle)	WLAN	9.05	±9.6
10645	AAD	IEEE 802.11ac WIFI (160 MHz, MCS9, 90pc duty cycle)	WLAN	9.11	±9.6
10646	AAH	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TOD	11.96	19.6
10647	DAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,7)	LTE-TOO	11.96	±9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6
10652	AAF	LTE-TDD (OFDMA, 5MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	19.6
10653	AAF	LTE-TDD (OFDMA, 10MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	±9.6
10654	AAE	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	5.96	±9.6
10655	AAF	LTE-TDD (OFDMA, 20MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9.6
10658	AAB	Pulse Waveform (200Hz, 10%)	Tost	10.00	±9.6
10659	AAB	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.0
10660	AAB	Pulse Waveform (200Hz, 40%)	Test	3.98	±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 (20 MHz, MCS0, 90pc duty cycle)	WLAN	9.09	±9.6
10672	AAC	IEEE 802.11ax (20 MHz, MCS1, 90pc duty cycle)	WLAN	8.57	19.6
10673	AAC	IEEE 802.11ax (2DMHz, MCS2, 90pc (bity cycle)	WLAN	8.78	19.6
10674	AAC	IEEE 802.11ax (20 MHz, MCS3, 90pc duty cycle)	WLAN	8.74	±9.6
10675	AAC	IEEE 802 11 px (20 MHz, MCS4, 90pc duty cycle)	WLAN	8.90	±9.6
10676	AAC	IEEE 802.11ex (20 MHz, MCS5, 90pc duty cycle)	WLAN	8.77	19.6
10677	AAC	IEEE 802.11ax (20 MHz, MCS6, 90pc duty cycle)	WLAN	8.73	19.6
0678	AAC		WLAN	8.78	±9.6
		IEEE 802.11ax (20 MHz, MCS7, 90pc duty cycle)	1270000		_
10679	AAC	IEEE 802.11ax (20 MHz, MCS8, 90pc duty cycle)	WLAN	8.89	19.6
10880	AAC	IEEE 802.11ax (20 MHz, MCS9, 90pc duty cycle)	WLAN	8.80	±9.6
10681	AAC	IEEE 802,11ax (20 MHz, MCS10, 90pc duty cycle)	WLAN	8.62	±9.6
10682	AAC	IEEE 802.11ax (20 MHz, MCS11, 90pc duty cycle)	WLAN	8.65	±9.0
10683	AAC	IEEE 802.11ax (20 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.8
10684	AAC	IEEE 802.11ax (20 MHz, MC51, 99pc duty cycle)	WLAN	8.26	±9.6
10685	AAC	IEEE 802.11ax (20 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
10086	AAC	IEEE 802.11ax (20 MHz, MCS3, 99pc duty cycle)	WLAN	8.28	±9.6

Certificate No: EX-3768\_Jul23 Page 17 of 22

F-TP22-03 (Rev. 05) Page 84 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10887	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	±9.6
0688	AAC	IEEE 802.11ax (20MHz, MCSS, 99pc duty cycle)	WLAN	8.29	19.6
0689	AAC	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	19.6
0690	AAC.	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	±9.6
0691	AAC	IEEE 802.31ax (20 MHz, MCS8, 99pc duty cycle)	WLAN	8.25	19.6
1692	AAG	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	±9.6
0.693	AAC	IEEE 802.11ax (20 MHz, MCS10, 99pc duty cycle)	WLAN	8.25	±9.6
0694	AAG	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	±9.6
0.696	AAC	IEEE 802.11ax (40 MHz, MCS0, 90pc duty cycle)	WLAN	8.78	19.6
0696	AAC	IEEE 802 11ax (40 MHz, MCS1, 98pc duty cycle)	WLAN	8.91	±9.6
0697	AAC	IEEE 802.11ax (40 MHz, MCS2, 90pc duty cycle)	WLAN	8.61	±9.6
0698	AAC	IEEE 802.11ax (40 MHz, MCS3, 90pc duty cycle)	WLAN	8.69	19.6
0699	AAC	IEEE 802 11st (40 MHz, MCS4, 90pc duty cycle)	WLAN	8.82	±9.6
0700	AAC	IEEE 802.11ax (40 MHz, MCSS, 90pc duty cycle)	WLAN	8.73	19.6
0701	AAG	IEEE 802.11ax (40 MHz, MCS6, 90pc duty cycle)	WLAN	8.86	
0702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)		The Park of the Pa	19.6
0703	and the second s		WLAN	8.70	±9.6
	AAC	IEEE 802.11ax (40 MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6
0704	AAG	IEEE 802.11ax (40 MHz, MCS9, 90pc duty cycle)	WLAN	8.56	±9.0
0705	AAC	IEEE 802.11ax (40 MHz, MCS10, 90pc duty cycle)	WLAN	8.69	±9.6
0706	AAC	IEEE 802.11ax (40 MHz, MCS11. 90pc duty cycle)	WLAN.	8.66	±9.6
0707	AAC	IEEE 802.11ax (40 MHz, MCS0, 99pc duty cycle)	WLAN	8.32	±9.6
0.708	AAC	IEEE 802,11ax (40 MHz, MCS1, 99pc duty cycle)	WLAN	8.55	±9.6
0709	AAC	IEEE 802.11ax (40 MHz, MCS2, 99pc duty cycle)	WLAN	8.33	±9.6
0710	AAC	IEEE 802.11ax (40 MHz, MCS3, 99pc duty cycle)	WLAN	8.29	±9.6
0.711	AAC	IEEE 802.11ax (40 MHz, MCS4, 99pc duty cycle)	WLAN	8.39	±9.6
0712	AAC	IEEE 802.11ax (40 MHz, MCS6, 99pc duty cycle)	WLAN	8.67	±9.6
10713	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8,33	±9.6
10714	AAC	IEEE 802.11ax (40 MHz, MCS7, 90pc duty cycle)	WLAN	8.26	±9.6
10715	AAC	IEEE 802.11ax (40 MHz, MCS8, 99pc duty cycle)	WLAN	8.45	±9.6
10716	AAC	IEEE 802.11ax (40 MHz, MCS9, 99pc duty cycle)	WLAN	8.30	39.6
10717	AAC	IEEE 802.11ax (40 MHz, MCS10, 99pc duty cycle)	WLAN	8.48	19.6
10718	AAC	IEEE 802.11ax (40 MHz, MCS11, 99pc duty cycle)	WLAN	8.24	±9.6
10719	AAC	IEEE 802.11ax (80 MHz, MCS0, 90pc duty cycle)	WIAN	8.81	±9.6
10720	AAC	IEEE 802.11ax (80 MHz, MCS1, 90pc duty cycle)	WLAN	8.87	±9.6
10721	AAC	IEEE 802.11ax (80 MHz, MCS2, 90pc duty cycle)	WLAN	8.76	19.6
10.722	AAC	IEEE 802.11ax (80 MHz, MCB3, 90pc duty cycle)	WLAN	8.55	±9.6
10723	AAC	IEEE 802.11ax (80 MHz, MCS4, 90pc duty cycle)	WLAN	8.70	±9.0
10724	AAC	IEEE 802.11ax (80 MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6
10725	AAC	IEEE 802.11ax (80 MHz, MCS6, 90pc duty cycle)	WLAN	8.74	19.6
10728	AAC	IEEE 802.11ax (80 MHz, MCS7, 90pc duty cycle)	WLAN	8.72	
10727	AAC	IEEE 802.11ax (80 MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±9.6
10728	AAC	IEEE 802.11ax (83 MHz, MCS9, 90pc duty cycle)			±9.6
10729	AAC		WLAN	8.65	19.6
		IEEE 802.11ax (80 MHz, MCS10, 90pc duty cycle)	WLAN	8.64	±9.6
10730	AAG	IEEE 802.11ax (80 MHz, MCS11, 90pc duty cycle)	WLAN	8.67	±9.6
10.731	AACI	IEEE 802.11ax (80 MHz, MCS0, 99pc duty cycle)	WLAN	8.42	±9.6
10.732	AAC	IEEE 802.11ax (80 MHz, MCS1, 99pc duty cycle)	WLAN	8.46	±9.6
10733	AAC	IEEE 802.11ax (80 MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6
10734	AAC	IEEE 802.11ax (80 MHz, MCS3, 99pc duty cycle)	WLAN	8.25	±9.6
10735	AAC	IEEE 802.11ax (80 MHz, MCS4, 99pc duty cycle)	WLAN	8.33	±9.6
10736	AAC	IEEE 802,11ax (80 MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6
10737	AAC	IEEE 802.11ax (80 MHz, MCS6, 99pc duty cycle)	WLAN	8.36	19.6
10738	AAC	IEEE 802.11ax (80 MHz, MCS7, 99pc duty cycle)	WLAN	8.42	±9.6
10739	AAC	IEEE 802,11ax (80 MHz, MCS8, 99pc duty cycle)	WLAN	8.29	±9.6
10740	AAC	IEEE 802,11ax (80 MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6
10741	AAC	IEEE 802.11ax (80 MHz, MCS10, 99pc duty cycle)	WLAN	8.40	±9.6
0742	AAC	IEEE 802.11ax (80 MHz, MCS11, 99pc duty cycle)	WLAN	8.43	±9.6
0743	AAC	IEEE 802.11ax (160 MHz, MCS0, 90pc duty cycle)	WLAN	8.94	19.6
0.744	AAC	IEEE 802.11ax (160 MHz, MCS1, 90pc duty cycle)	WLAN	9.16	±9.6
10745	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.93	±9.6
0746	AAC	IEEE 802.11ax (160 MHz, MCS3, 90pc duty cycle)	WLAN	9.11	19.6
10747	AAC	IEEE 802.11ax (160 MHz, MCS4, 90pc duty cycle)	WLAN	9.04	19.6
10748	AAC	IEEE 802.11ax (160 MHz, MCSS, 90pc duty cycle)	WLAN	8.93	100000
10749	AAC	IEEE 802.11ax (160 MHz, MC56, 90pc duty cycle)	WLAN	8.90	19.6
10750	AAC	IEEE 802.11ax (160 MHz, MCS7, 90pc duty cycle)	The state of the s	100	±9.6
0751	AAG	IEEE 802.11ax (160 MHz, MCS8, 90pc duty cycle)	WLAN	8.79	±9.0
10752			WLAN	8.82	19.5
	AAC	IEEE 802.11 ax (160 MHz, MCS9, 90pc duty cycle)	WLAN	8.81	19.5

Certificate No: EX-3768\_Jul23

Page 18 of 22

F-TP22-03 (Rev. 05) Page 85 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10753	AAC	IEEE 802:11ax (160 MHz, MCS10, 90pc duty cycle)	WLAN	9.00	49.6
10754	AAC	IEEE 802.11ax (160 MHz, MCS11, 90pc duty cycle)	WLAN	B.94	±9.6
0.755	AAC	IEEE 802.11ax (160 MHz, MCS0, 99pc duty cycle)	WLAN	8.64	19.6
0756	AAC	IEEE 802,11ax (160 MHz, MCS1, 99pc duty cycle)	WLAN	8.77	±9.6
0757	AAC	IEEE 802.11ax (160 MHz, MCS2, 90pc duty cycle)	WLAN	8.77	19.6
0758	AAC	IEEE 802.11ax (160 MHz, MCS3, 99pc duty cycle)	WLAN	8.89	±9.8
0.759	AAC	IEEE 802.11ax (160 MHz, MCS4, 99pc duty cycle)	WLAN	8.58	19.6
0760	AAC	IEEE 802.11ax (160 MHz, MCS5, 99pc duty cycle)	WLAN	8,49	±9.6
10761	AAC	IEEE 802.11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8,58	±9.6
0762	AAC	IEEE 802.11ax (160 MHz, MGS7, 99pc duty cycle)	WLAN	8,49	19.6
10763	AAC	IEEE 802,11ax (160 MHz, MCS8, 99pc duty cycle)	WLAN	8.53	±9.6
0.764	AAC	IEEE 802.11ax (160 MHz, MCS9, 99pc duty cycle)	WLAN	8.54	±9.6
0.765	AAC	IEEE 802.11ax (160 MHz, MCS10, 99pc duty cycle)	WLAN	8,54	±9.6
0.766	AAC	IEEE 802.11ax (160 MHz, MCS11, 99pc duty cycle)	WLAN	8.51	19.6
0767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.8
0765	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TD0	8.01	±9.6
0.789	AAD	5G NR (CP-OFDM, 1 RB, 15MHz, QPSK, 15HHz)	SG NR FR1 TDD	8.01	19.8
0.770	AAD	5G NR (CP-DFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	2.9.0
0772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	19.6
0773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.03	±9.5
0774	AAD	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6
0.775	AAD	5G NR (CP-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8.31	±9.6
0776	AAD	5G NA (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	29.8
0777	AAC	SG NR (CP-OFDM, S0% RB, 15MHz, QPSK, 15kHz)	5G NA FRI TOD	B:30	±9.6
0778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	B.34	±8.6
1077B	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	SG NR FR1 TDD	8.42	±9.6
0780	AAD	5G NR (CP-OFDM, 60% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.8
0.781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8:38	±9.5
0782	AAD	BG NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15kHz)	50 NR FR1 TDD	8.43	±9.6
0783	AAE	5G NR (CP-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 TDD	8:31	±9.6
10784	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NA FR1 TDD	8.28	±9.8
0785	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	5G NA FR1 TOD	8.40	±9.6
0786	AAD	5G NR (CP-OFDM, 100% RB, 20MHz, QPSK, 15kHz)	5G NR FR1 TOD	8,35	±8.6
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	8.30	±9.6
10789	CAA	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	19.6
10790	AAD	SG NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	50 NR FR1 TD0	8.39	±8.6
10791	AAE	SG NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.5
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	SG NA FR1 TDD	7.92	19.6
0793	AAD	SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±9.6
10794	AAO	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.02	±9.0
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	19.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	29.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	±9.6
10798	AAD	SG 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)	9G NR FR1 TDD	7.93	±9.6
0801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	19.6
10802	AAD	50 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.67	±9.6
0803	AAD	SG NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	±9,6
0805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	19.6
0806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	19.6
0809	AAC	50 NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9.6
0812	AAD	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NA FR1 TDD	8.35	19.6
0817	AAE	50 NR (CP-OFDM, 100% RB, 5MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
8180	AAD	5G NR (CP-OFDM, 100% R8, 10MHz, QPSK, 30WHz)	5G NR FR1 TDD	8.34	±9.6
0819	AAD	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	±9.6
0820	San Carlotte	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.30	±9.8
0821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	9G NR FR1 TDD	8.41	±9.6
2580	AAD	5G NR (CP-OFDM, 100% RB, 30MHz, QPSK, 30MHz)	SG NR FR1 TDD	8.41	±9.6
6889	AAD	50 NR (CP-OFOM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	19.6
0824	AAD	50 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	1.9.6
0825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9,6
0827	AAD	5G NR (CP-OFOM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.42	±9.6
0828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.43	±9.6

Certificate No: EX-3768\_Jul23

Page 19 of 22



UID	Rev	Communication System Name	Group	PAR (dB)	Unch k =
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 KHz)	5G NR FR1 TOD	8.40	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TOO	7.63	±9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	7,74	±9.6
10833	AAD	SG NR (CP-OFDM, 1 RB, 25 MHz, CPSK, 80 kHz)	SG NR FRT TDD	7.70	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, CPSK, 60 kHz)	SG NR FR1 TDD	7.75	19.6
10835	GAA	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.70	±8.6
10836	AAD	SG NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	±9.6
10837	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD:	7.68	±9.8
10839	AAD	50 NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 50 kHz)	5G NR FR1 TOD	7.70	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	SG NR FR1 TOO	7.67	±9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 80 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	8.49	±9.6
10844	AAD	SG NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	8.34	19.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 80 kHz)	5G NR FR1 TOO	8.41	±9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10855	GAA	5G NR (CP-OFDM, 100% RB, 15MHz, QPSK, 60kHz)	5G NR FR1 TDD	8.36	±9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.37	19.0
10857	AAD.	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TOO	8.35	19.6
10858	AAD	5G NR (CF-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.34	±9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	SG NR FR1 TDD	8.41	±9.6
10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	±9.6
10863	AAD	5G NR (CP OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	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, 100MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6
10866	CAA	5G NR (DFT-e-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.68	±9.6
10868	AAD	5G NR (DFTs-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	+9.6
10889	AAE	50 NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	19.6
10870	AAE	5G NR (DFFs-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	SG NR FR2 TDD	5.86	±9.6
10871	AAE	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.75	±9.6
10872	AAE	5G NR (DFT-6-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6-52	19.6
10873	AAE	5G NR (DFT-6-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10874	AAE	5G NR (DFT+-OFDM, 100% RB, 100 MHz, 64QAM, 120kHz)	SG NA FRE TOD	6.65	19.6
10875	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	29.6
10876	AAE	5G NR (CP-OFDM, 100% RB, 100MHz, QPSK, 120kHz)	SG NR FR2 TDD	8.39	19.6
10877	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	±9.8
10878	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	19.6
10879	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6
10880	AAE	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	19.6
10881	AAE	SG NR (DFT-e-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	g9.6
10882	AAE	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	5.96	19.6
10883	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	
10884	AAE	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, 18QAM, 120 kHz)	5G NR FR2 TDD	6.53	19.6
10885	AAE	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6
10886	AAE	5G NR (DFT a OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	SQ NR FR2 TDD		19.6
10887	AAE	50 NR (CP-OFDM, 1 RB, 50MHz, QPSK, 120MHz)	5G NR FR2 TDD	6,65	±9.6
10888	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
0.889	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 18QAM, 120 kHz)	5G NR FR2 TOO	8.35	19.6
0.890	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 18QAM, 120 NHz)	5G NR FR2 T00	8.02	±9.6
0891	AAE	5G NR (CP-OFDM, 1 RB, 50MHz, 64QAM, 120MHz)	5G NR FR2 TDD	41,14	±9.6
0892	AAE	5G NR (CP-OFDM, 100% RB, 50 MHz, 84QAM, 120 kHz)		8.13	±9.6
0897	AAC	5G NR (DFTs-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR2 T00	B,41	19.6
0898	AAB	5G NR (DFTs-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 T00	5.66	±9.6
0889	AAB	5G NR (DFT+-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	SG NR FR1 TDD	5.67	±9.6
0900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
0901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NA FR1 T00	5.68	19.6
0902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 KHz)	SG NA FR1 TD0	5,68	±9.6
0903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	5.68	±9.6
0904	AAB	5G NR (DFTs-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)	5G NA FR1 TDD	5,68	19.6
0905	AAB		5G NR FR1 TOO	5.68	±9.6
mentanistis dala	AAB	SG NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.60	±9.6
0906		SG NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 HHz)	5G NA FR1 TDD	5.68	±9.6
0907	AAC	8G NR (DFT-s-OFDM, 50% R8, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	±9.6
10906	AAB	5G NR (DFTs-OFDM, 50% RB, 10MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±0.8
0909	AAH	5G NR (DFT-6-OFDM, 50% RB, 15MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.90	±9.6
01801	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6

Certificate No: EX-3788\_Jul23 Page 20 of 22

F-TP22-03 (Rev. 05) Page 87 of 138



UID	Rev	Communication System Name	Group	PAR (dB)	Unc <sup>E</sup> k =
10911	BAA	SG NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.6
0912	BAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	5.84	±9.6
0913	AAB	5G NR (DFT-4-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TD0	5.84	±9.6
0914	AAB	5G NR (DFTs-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
0916	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
0916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TOO	5.87	±9.6
0917	AAB	5G NR (DFT-a-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.94	±9.6
0918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.86	±9.6
0919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6
0920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	±9.6
0921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0.855	AAB	5G NR (DFT-II-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	±9.6
0.853	AAB	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0924	AAB	53 NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
0.925	AAB	5G NR (DFT-e-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	19.6
0926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	19.6
0927	AAB	5G NR (DFT:s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
928	AAC	5G NR (DFTs-OFDM, 1 RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.52	±9.6
0.929	AAC	50 NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0830	DAA	5G NR (DFT-e-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6
0931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 NHz)	5G NR FR1 FDD	5.51	±9.6
2932	AAC	5G NR (DFTs-OFDM, 1 RB, 25MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.51	±9.6
0933	AAC	50 NR (DFT+-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
0934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	19.6
0935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6
0996	AAC	5G NR (DFT-s-OFDM, 50% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.90	±9.6
0937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15kHz)	53 NR FR1 FDD	5.77	±9.6
2938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6
939	AAC	5G NR (DFT-e-OFDM, 50% RB, 20 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.82	29.6
940	AAC	56 NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	19.6
0941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	SG NR FR1 FDD	5.83	196
0942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.85	±9.6
0943	AAD	50 NR (DFT-s-OFDM, 50% RB, S0MHz, QPSK, T5kHz)	5G NR FR1 FDD	5.95	19.6
0944	AAC	5G NR (DFT-6-OFDM, 100% RB, 5MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.81	29.6
3945	AAC	5G NR (DFT-6-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	19.6
0946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15MHz, QPSK, 15kHz)	50 NR FR1 FDD	5.83	±9.6
0947	AAC	5G NR (DFT-e-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	±9.6
0948	AAC	50 NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	19.6
0949	AAC	5G NR (DFTs-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	19.6
0950	AAC	50 NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6
0951	AAD	5G NR (DFT-e-OFDM, 100%-RB, 50 MHz, QPSK, 15kHz)	5G NR FR1 FDD	5.92	19.6
9952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NA FR1 FDD	8.25	±9.6
0953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 54-QAM, 15kHz)	5G NR FR1 FDD	8.15	19.6
954	AAA	50 NR DL (CP-OFDM, TM 3.1, 15 MHz, 54-QAM, 15 kHz)	50 NR FR1 FDD	8.23	19.6
955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 HHz)	5G NR FR1 FDD	8.42	
2956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5MHz, 64-QAM, 308Hz)	A CONTRACTOR OF THE PARTY OF TH		19.6
0957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30kHz)	5G NR FR1 FDD	8.14	±9.8
958	AAA	56 NR DL (CP-GFDM, TM 3.1, 16 MHz, 64-QAM, 36 kHz)			19.6
0959	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	19.6
7950	AAC	5G NR DL (CP-GFDM, TM 3.1, 5MHz, 64-QAM, 35KHz)	5G NR FR1 FDD	8.33	±9.6
1860	AAB		5G NR FR1 TDD	9.32	g-9.6
9952	AAB	50 NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 15kHz) 50 NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 15kHz)	5G NR FR1 TDD	9.36	±9.6
963	AAB	5G NR DL (CP-OFDM, 1M 3.1, 15MHz, 64-QAM, 15KHz)	5G NR FR1 TDD	9.40	±9.6
2964	AAC	5G NR DL (CP-GFDM, 1M 3.1, 20MHz, 64-QAM, 15KHz)	5G NR FR1 TDD	9.55	±9.6
2965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10MHz, 64-QAM, 30KHz)	5G NR FR1 TDD	9.29	19.6
9998	AAB	5G NR DL (CP-GFDM, TM 3.1, 15MHz, 64-GAM, 30KHz)	5G NR FR1 TDD	9.37	±9.6
967	AAB	5G NR DL (CP-OFDM, TM 3.1, 15MHz, 64-QAM, 30KHz)	5G NR FR1 TDD	9.55	±9.6
1988	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
1906	AAB	5G NR (CP-OFDM, 1 RB, 20MHz, QPSK, 15 kHz)	5G NR FR1 TDD	9.49	19.5
1973	AAB		SG NR FR1 TDD	11.59	±9.6
		5G NR (DFTs OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.08	±9.6
0974	AAA	5G NR (CP-OFDM, 100% RB, 10EMHz, 256-QAM, 30%Hz)	5G NR FR1 TDD	10.28	19.6
minutes make	1,000	The state of the s	ULLA	1.16	±9.6
0979	AAA	ULLA HDR4	ULLA	8.58	±9.6
0980	AAA	ULLA HDR8	ULLA	10.32	19.6
0981	AAA	ULLA HDRp4	ULEA	3.19	±9.6
0982	AAA	ULLA HDRø8	ULLA	3.43	49.6

Certificate No: EX-3768\_Jul23

Page 21 of 22



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	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
10985	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.54	±9.6
10986	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.50	±9.6
10987	AAA	5G NR DL (CP-OFDM, TM 3.1, 60 MHz, 64-QAM, 30 kHz)	5G NR FR1 TOD	9.53	±9.6
10988	AAA	5G NR DL (CP-OFDM, TM 3.1, 70 MHz, 84-QAM, 30 kHz)	5G NR FR1 TDD	9.38	±9.6
10989	AAA	5G NR DL (CP-OFDM, TM 3.1, 80 MHz, 64-DAM, 30 kHz)	5G NR FR1 TDD	9.33	±9.6
10:990	AAA.	5G NR DL (CP-OFDM, TM 3.1, 90 MHz, 64-QAM, 30 KHz)	5G NR FR1 TDO	9.52	±9.6
11003	AAA	5G NR DL (CP-QFDM, TM 3.1, 30 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDO	10.24	±9.6
11004	AAA	5G NR OL (CP-OFDM, TM 3.1, 38 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	10.73	19.6
11005	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.70	±9.6
11006	AAA	5G NR DL (CP-OFDM, TM 3.1, 30 MHz, 64-DAM, 15 kHz)	5G NR FR1 FDD	8.55	±9.6
11:007	AAA.	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 15 kHz)	5G NR FR1 FD0	8.46	±9.6
11008	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.51	±9.6
11009	AAA	5G NR DL (CP-OFDM, TM 3.1, 25 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.76	19.6
11010	AAA	5G NR DL (CP-OFDM, TM S.1, 30 MHz; 64-QAM, 30 kHz)	5G NR FR1 FDD	8.95	±9.6
11011	AAA	5G NR DL (CP-OFDM, TM 3.1, 40 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.96	±9.6
11012	AAA	5G NR DL (CP-OFDM, TM 3.1, 50 MHz, 84-QAM, 30 kHz)	5G NR FR1 FDD	8.68	19.6
11013	AAA	IEEE 802.11be (320 MHz, MCS1, 99pc duty cycle)	WLAN	8.47	±9.0
11014	AAA	IEEE 802.11be (320 MHz, MCS2, 59pc duty cycle)	WLAN	8.45	±9.6
11015	AAA	IEEE 802.11be (320 MHz, MCS3, 99pc duty cycle)	WLAN	8.44	±9.6
11016	AAA	IEEE 802.11be (320 MHz, MCS4, 99pc duty cycle)	WLAN	8.44	±9.6
11017	AAA	IEEE 802.11be (320 MHz, MCS5, 99pc duty cycle)	WLAN	8.41	19.6
11018	AAA	IEEE 802.11be (320 MHz, MCS6, 99pc duty cycle)	WLAN	8.40	19.6
11019	AAA.	IEEE 802.11be (320 MHz, MCS7, 99pc duty cycle)	WLAN	8.29	19.6
11020	AAA	IEEE 802.11be (320 MHz, MCS8, 99pc duty cycle)	WLAN	8.27	±9.6
11.021	AAA	IEEE 802.11be (320 MHz, MCS9, 99pc duty cycle)	WLAN	8.46	±9.6
11022	AAA	IEEE 802.11be (320 MHz, MCS10, 99pc duty cycle)	WLAN	8.36	±9.6
11023	AAA	IEEE 802 11be (320 MHz, MCS11, 99pc duty cycle)	WLAN	8.09	±9.6
11024	AAA	IEEE 882.11be (320 MHz; MCS12, 99pc duty cycle)	WLAN	8.42	±9.6
11025	AAA	IEEE 802.11be (320 MHz, MCS13, 99pc duty cycle)	WLAN	8.37	±9.6
11026	AAA	IEEE 802.11be (320 MHz, MCS0, 98pc duty cycle)	WLAN	8.39	19.6

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

Certificate No: EX-3768\_Jul23 Page 22 of 22

F-TP22-03 (Rev. 05) Page 89 of 138