

Appendix B - DAE & Probe Calibration Certificate

Engineering AG Zeughausetrasse 43, 8004 Zurie	ry of ch, Switzerland		Service suisse d'étalonnage Servizio svizzero di taratura
Accredited by the Swiss Accredit The Swiss Accreditation Servic Multilateral Agreement for the	ce is one of the signatories	s to the EA	on No.: SCS 0108
Client SGS-TW (Aud	0.74		lo: DAE4-547_Mar21
CALIBRATION	CERTIFICATE	-	
Object	DAE4 - SD 000 D	004 BM - SN: 547	
Calibration procedure(s)	QA CAL-06.v30 Calibration proces	dure for the data acquisition elec	ctronics (DAE)
Calibration date:	March 22, 2021		
The measurements and the unce	artainties with confidence pr	inal standards, which realize the physical un obability are given on the following pages ar y facility: environment temperature (22 ± 3)"	nd are part of the certificate.
The measurements and the unce All calibrations have been condu Calibration Equipment used (M&	artainties with confidence prices of the closed laboratory	obability are given on the following pages at $\sqrt{2} (22 \pm 3)^{11}$	nd are part of the centificate. C and humidity < 70%,
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The measurements and the unce All calibrations have been condu Calibration Equipment used (M& Primary Standards Keithley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit	trainities with confidence pro- cted in the closed laboratory TE critical for calibration) ID # SN: 0810278 ID # SE UWS 053 AA 1001	obability are given on the following pages at tacility: environment temperature (22 ± 3)* Cel Date (Certificate No.)	nd are part of the centificate. C and humidity < 70%, Scheduled Calibration
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Certificate No: DAE4-547 Mar21

Page 1 of 5

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Report No: E5/2021/C0005 Rev: 01 Page: 2 of 62

Calibration Laboratory of Schmid & Partner Engineering AG



Schweizerlacher Kamprieren Service sulsse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service C

Itation No.: SCS 0108

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Glossary DAE

Connector angle

data acquisition electronics information used in DASY system to align probe sensor X to the robot coordinate system.

Methods Applied and Interpretation of Parameters

- DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.
- Connector angle. The angle of the connector is assessed measuring the angle mechanically . by a tool inserted. Uncertainty is not required.
- The following parameters as documented in the Appendix contain technical information as a result from the performance test and require no uncertainty
 - DC Voltage Measurement Linearity: Verification of the Linearity at +10% and -10% of the nominal calibration voltage. Influence of offset voltage is included in this . measurement.
 - Common mode sensitivity: Influence of a positive or negative common mode voltage on ٠ the differential measurement
 - Channel separation: Influence of a voltage on the neighbor channels not subject to an ٠ input voltage.
 - AD Converter Values with inputs shorted: Values on the internal AD converter corresponding to zero input voltage
 - Input Offset Measurement. Output voltage and statistical results over a large number of . zero voltage measurements.
 - Input Offset Current: Typical value for information; Maximum channel input offset current, not considering the input resistance. .
 - Input resistance: Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement.
- Low Battery Alarm Voltage: Typical value for information. Below this voltage, a battery alarm signal is generated
- Power consumption: Typical value for information. Supply currents in various operating modes

Certificate No: DAE4-547_Mar21

Page 2 of 5

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DC Voltage Measurement

High Range: Low Range:	1LSB = 6.1µV, 1LSB = 61nV	full range = -100	-300 mV
ASY measurement pa	rameters: Aulo Zero Time:	3 sec; Measuring time: 3 s	ec
Calibration Factors	x	v	7
the second s	x		z
Calibration Factors High Range	X 403.238 ± 0.02% (k=2)	Y 403.142 ± 0.02% (k=2)	Z 402.790 ± 0.02% (k=2)

Connector Angle

Connector Angle to be used in DASY system	91.0°±1°

Certificate No: DAE4-547_Mar21

Page 3 of 5

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Report No: E5/2021/C0005 Rev: 01 Page: 4 of 62

High Range Reading (µV) Difference (µV) Error (%) Channel X + Input 199991.34 -2.10 -0.00 Channel X + Input 20004.99 2.69 0.01 Channel X - Input -19995.74 5.27 -0.03 Channel Y + Input 199993.13 -0.50 -0.00 Channel Y + Input 20000.35 -1.78 -0.01 Channel Y - Input -20002.85 -1.70 0.01 Channel Z + Input 199993.84 0.47 0,00 Channel Z + Input 20003.11 1.07 0.01 Channel Z - Input -19999.531.60 -0.01 Low Range Reading (µV) Difference (µV) Error (%) Channel X + Input 2002.71 1.19 0.06 Channel X + Input 201.98 0.16 0.08 Channel X - Input -197.91 0.13 -0.06 Channel Y + Input 2002.62 1.21 0.06 Channel Y + Input 201.48 -0.27 -0.13 Channel Y - Input -198.71 -0.63 0.32 Channel Z + Input 2001.46 0.15 0.01 Channel Z + Input 200.86 -0.79 -0.39 Channel Z - Input -199.66 -1.52 0.77

Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

2. Common mode sensitivity DASY o Time: 3 sec: Mas

	Common mode Input Voltage (mV)	High Range Average Reading (µV)	Low Range Average Reading (µV)
Channel X	200	-3.09	-4.68
	- 200	6.06	4.11
Channel Y	200	0.34	-0.92
	- 200	0.00	-0.56
Channel Z	200	5,49	5.38
	- 200	.7.60	.8.12

an time of the

3. Channel separation

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200		2.91	-2.37
Channel Y	200	10.58		3.71
Channel Z	200	5.72	8.46	

Certificate No: DAE4-547_Mar21

Page 4 of 5

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Report No: E5/2021/C0005 Rev: 01 Page: 5 of 62

4. AD-Converter Values with inputs shorted

	High Range (LSB)	Low Range (LSB)
Channel X	16355	14519
Channel Y	16461	15246
Channel Z	16084	17218

5. Input Offset Measurement

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec input 10M Ω

	Average (μV)	min. Offset (µV)	max. Offset (µV)	Std. Deviation (µV)
Channel X	-0.07	-1.29	0.77	0.39
Channel Y	0.13	-0.60	1.22	0.37
Channel Z	0.61	-0.46	2.55	0.63

6. Input Offset Current

fiset current on all channels: <25/A

7. Input Resistance (Typical values for information)

	Zeroing (kOhm)	Measuring (MOhm)
Channel X	200	200
Channel Y	200	200
Channel Z	200	200

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7,9
Supply (- Vcc)	-7.6

9. Power Consumption /Tw

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-8	-9

Certificate No: DAE4-547_Mar21

Page 5 of 5

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Certificate No: DAE4-1665 Mar21 Page 1 of 5

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 - Input resistance: Typical value for information: DAE input resistance at the connector, during internal auto-zeroing and during measurement
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Page 2 of 5

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DC Voltage Measurement

			_
X	Y		Z
	x	o Zero Time: 3 sec; Measuring tir	x

High Range	404.502 ± 0.02% (k=2)	404.818 ± 0.02% (k=2)	404.763 ± 0.02% (k=2)
Low Range	3.97893 ± 1.50% (k=2)	4.00708 ± 1.50% (k=2)	3.97737 ± 1.50% (k=2)

Connector Angle

Connector Angle to be used in DASY system	68.5°±1°
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Page 3 of 5

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High Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	199989.64	-1.90	-0.00
Channel X + Input	20001.91	0,52	0.00
Channel X - Input	-19999.87	1,77	-0.01
Channel Y + Input	199990.64	-0.90	-0.00
Channel Y + Input	19999.85	-1.50	-0.01
Channel Y - Input	-20003.55	-1.93	0.01
Channel Z + Input	199993.26	1.72	0.00
Channel Z + Input	19998.83	-2.48	-0.01
Channel Z - Input	-20003.66	-2.00	0.01
Low Range	Reading (µV)	Difference (µV)	Error (%)
Channel X + Input	2000.58	-0.17	-0.01
Channel X + Input	201.86	0.70	0,35
Channel X - Input	-198.61	0.13	-0.07
Channel Y + Input	2000.35	-0.48	-0.02
Channel Y + Input	200.34	-0,78	-0.39
Channel Y - Input	-200.76	-2.00	1.00
Channel Z + Input	2000.19	-0.54	-0.03
Channel Z + Input	199.96	-1.10	-0.55
Channel Z - Input	-199.80	-0.91	0.46

Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

2. Common mode sensitivity DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Common mode Input Voltage (mV)	High Range Average Reading (µV)	Low Range Average Reading (µV)
Channel X	200	-1.73	-3.63
	- 200	5.50	3.14
Channel Y	200	-0.28	0.20
	- 200	-2.79	-3.02
Channel Z	200	-14,37	-14.41
	- 200	13.41	13.00

3. Channel separation

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200		0.59	-2.26
Channel Y	200	4.96	104	2.08
Channel Z	200	8.67	2.37	

Certificate No: DAE4-1665 Mar21

Page 4 of 5

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Report No: E5/2021/C0005 Rev: 01 Page: 10 of 62

4. AD-Converter Values with inputs shorted

	High Range (LSB)	Low Range (LSB)
Channel X	16090	15445
Channel Y	16165	16597
Channel Z	16319	16701

5. Input Offset Measurement DASY measurement parameters: A

ASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec out $10M\Omega$

1.1	Average (µV)	min. Olfset (µV)	max. Offset (µV)	Std. Deviation (µV)
Channel X	-0.30	-1.90	1.08	0.48
Channel Y	-1.12	-2.27	0.05	0.45
Channel Z	-0.69	-1,94	0.93	0.43

6. Input Offset Current

Input circuitry offset current on all channels: <25/A

7. Input Resistance (Typical values for information) Zeroing (kOhm) Measuring (MOhm) Channel X 200 200 Channel Y 200 200 Channel Z 200 200

Typical values	Alarm Level (VDC)
Supply (+ Vcc)	+7.9
Supply (- Vcc)	-7.6

9. Power Consumption (Typical values for information)

Typical values	Switched off (mA)	Stand by (mA)	Transmitting (mA)
Supply (+ Vcc)	+0.01	+6	+14
Supply (- Vcc)	-0.01	-8	-9

Certificate No: DAE4-1665 Mar21

Page 5 dl 5

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Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zur	Dry Of	RACINEA CONSCIENCE	Schweizerischer Kalibrierdienst Service suisse d'étalonnage Servizio svizzero di taratura Swiss Calibration Service
Accredited by the Swiss Accredi The Swiss Accreditation Servi Multilateral Agreement for the	ce is one of the signatories	to the EA	reditation No.: SCS 0108
Client SGS-TW (Aud		Participant (Second	EX3-3938_Feb21
CALIBRATION	CERTIFICATE		
Object	EX3DV4 - SN:393	8	
Calibration procedure(s)		A CAL-14.v6, QA CAL-23.v5, QA lure for dosimetric E-field probes	CAL-25.v7
Calibration date:	February 22, 2021		
The measurements and the uno	certainties with confidence pro ucted in the closed laboratory	al standards, which realize the physical units bability are given on the following pages and facility: environment temperature (22 ± 3)°C a	are part of the certificate.
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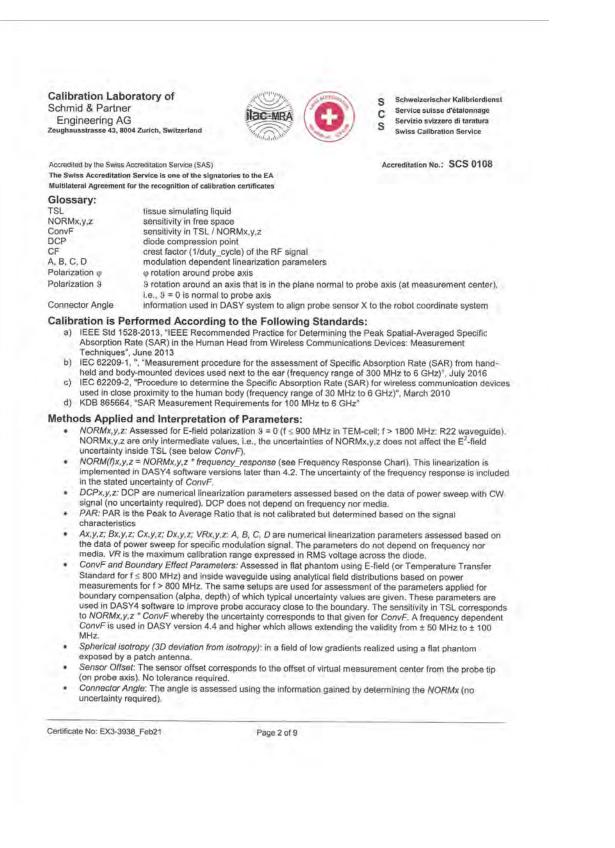
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Report No: E5/2021/C0005 Rev: 01 Page: 12 of 62



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EX3DV4 - SN:3938

February 22, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Basic Calibration Parameters

and the spectrum state of the second	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.51	0.57	0.33	± 10.1 %
DCP (mV) ⁸	103.9	100.8	109.0	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	с	D dB	VR mV	Max dev.	Unc ^t (k=2)
0	CW	X	0.0	0.0	1.0	0.00	190.7	± 2.7 %	± 4.7 %
		Y	0.0	0.0	1.0		183.4		1 mar 1
		Z	0.0	0.0	1.0		182.5		

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%.

⁴ The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Page 5), ⁹ Numerical linearization parameter, uncertainty not required. ⁶ Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the ⁶ 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: EX3-3938_Feb21

Page 3 of 9

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EX3DV4- SN:3938

February 22, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Other Probe Parameters Sensor Arrangement Triangular Connector Angle (°) 151.4 Mechanical Surface Detection Mode enabled Optical Surface Detection Mode disabled Probe Overall Length 337 mm Probe Body Diameter 10 mm Tip Length 9 mm 2.5 mm Tip Diameter 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.

Certificate No: EX3-3938 Feb21

Page 4 of 9

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EX3DV4- SN:3938

February 22, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3938

Calibration Par	rameter Determine	d in Head Tissue	Simulating Media
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f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m) ^F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	41.9	0.89	9.61	9.61	9.61	0.64	0.80	± 12.0 %
835	41.5	0.90	9.27	9.27	9.27	0.52	0.86	± 12.0 %
900	41.5	0.97	9.15	9.15	9.15	0.54	0.80	± 12.0 %
1450	40.5	1.20	8.58	8.58	8.58	0.37	0.80	± 12.0 %
1750	40.1	1.37	8.27	8.27	8.27	0.38	0.86	± 12.0 %
1900	40.0	1.40	7.96	7.96	7.96	0.37	0.86	± 12.0 %
2000 40.0		1.40	7.88	7.88	7.88	0.27	0.86	± 12.0 %
2300	39.5	1.67	7.71	7.71	7.71	0.33	0.90	± 12.0 %
2450	39.2	1.80	7.46	7.46	7.46	0.34	0.90	± 12.0 %
2600	39.0	1.96	7.24	7.24	7.24	0.39	0.90	± 12.0 9
3300	38.2	2.71	7.01	7.01	7.01	0.35	1.30	± 13.1 %
3500	37.9	2.91	6.86	6.86	6.86	0.35	1.30	± 13.1 %
3700	37.7	3.12	6.71	6.71	6.71	0.35	1.30	± 13.1 9
3900	37.5	3.32	6.53	6.53	6.53	0.40	1.60	± 13.1 %
4100	37.2	3.53	6.44	6.44	6.44	0.40	1.60	± 13.1 9
4200	37.1	3.63	6.35	6.35	6.35	0.35	1.60	± 13.1 %
4400	36.9	3.84	6.20	6.20	6.20	0.35	1.60	± 13.1 9
4600	36.7	4.04	6.15	6.15	6.15	0.40	1.60	± 13.1 9
4800	36.4	4.25	6.11	6,11	6.11	0.40	1.70	± 13.1 %
4950	36.3	4.40	5.96	5.96	5.96	0.40	1.80	± 13.1 %
5250	35.9	4.71	5.05	5.05	5.05	0.40	1.80	± 13.1 9
5600	35.5	5.07	4.66	4.66	4.66	0.40	1.80	± 13.1 %
5750	35.4	5.22	4.70	4.70	4.70	0.40	1.80	± 13.1 %

⁶ 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 RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 8 MHz is 49 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.
⁶ At frequencies below 3 GHz, the validity of tissue parameters (s and o) can be relaxed to ± 10% if fliquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (s and o) is restricted to ± 5%. The uncertainty for indicated farget lissue parameters.
⁶ Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation for 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.

Certificate No: EX3-3938 Feb21

Page 5 of 9

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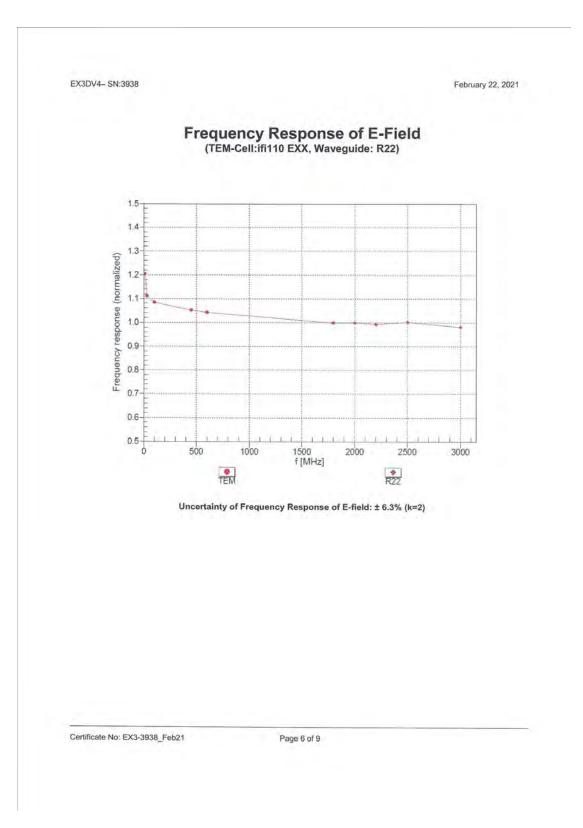
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Report No: E5/2021/C0005 Rev: 01 Page: 16 of 62



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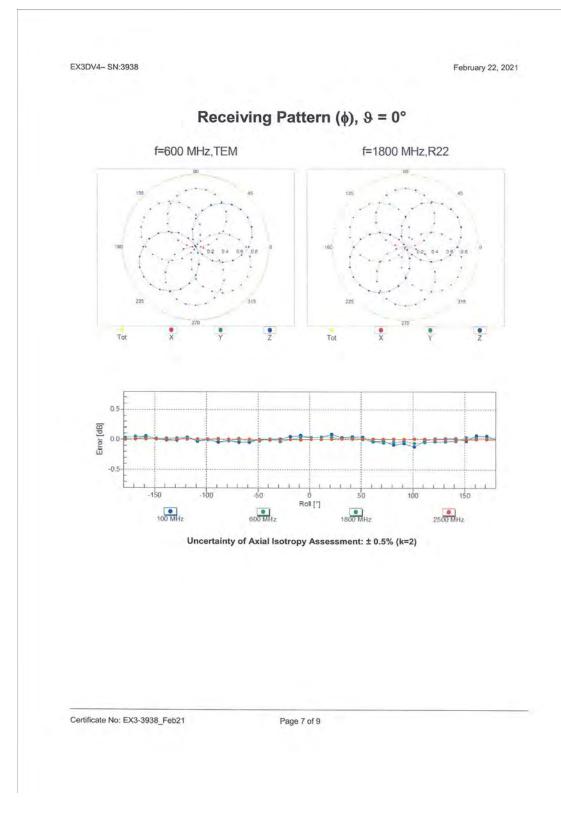
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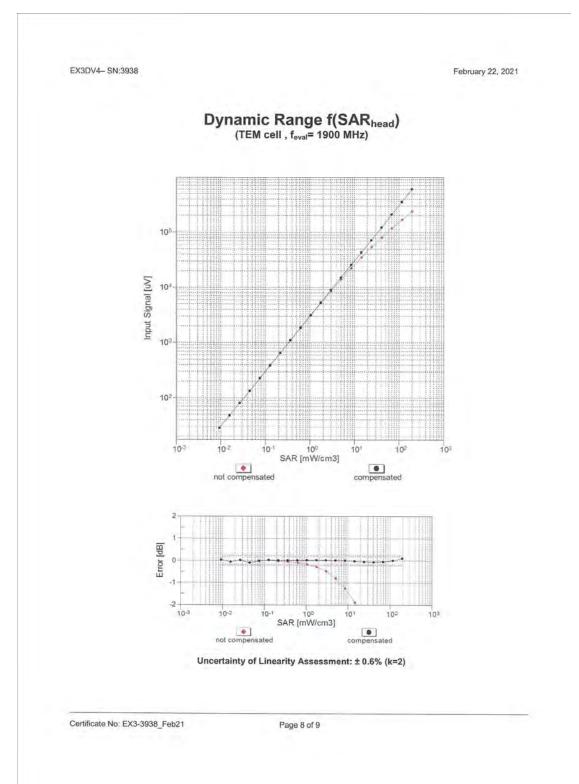
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Report No: E5/2021/C0005 Rev: 01 Page: 18 of 62



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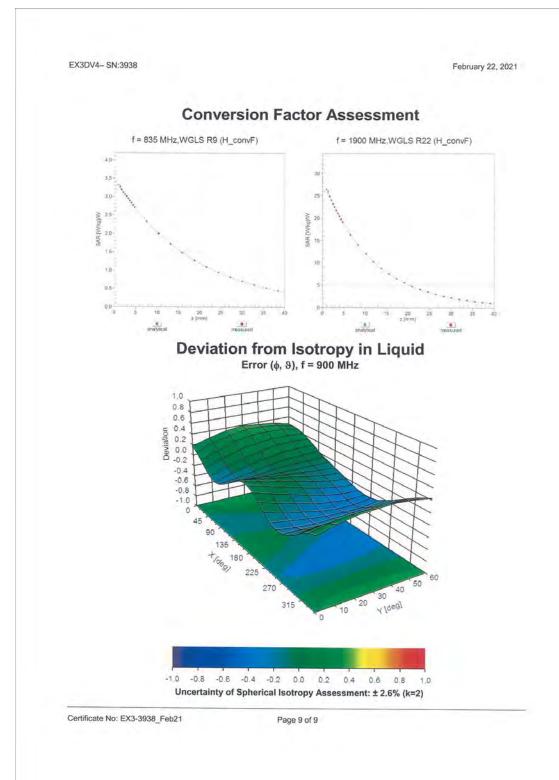
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Report No: E5/2021/C0005 Rev: 01 Page: 19 of 62



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	tation Service (SAS) ce is one of the signatories t	to the EA	editation No.: SCS 0108					
ient SGS (Auden)	recognition of calibration of		EX3-7466_Jan21					
ALIBRATION	CEDTIEICATE							
ALIBRATION	CERTIFICATE							
Object	EX3DV4 - SN:746	6						
Calibration procedure(s)	QA CAL-25.v7	QA CAL-01.v9; QA CAL-12.v9; QA CAL-14.v6; QA CAL-23.v5; QA CAL-25.v7 Calibration procedure for dosimetric E-field probes						
Calibration date:	January 29, 2021							
The measurements and the un	certainties with confidence pro	al standards, which realize the physical units bability are given on the following pages and	are part of the certificate.					
The measurements and the un	certainties with confidence pro fucted in the closed laboratory		are part of the certificate.					
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tissue simulating liquit TSL NORMX, y, z ConvF DCP CF A, B, C, D Polarization Polarization y Polarization 8

tissue simulating liquid sensitivity in rise space sensitivity in rise pace diode compression point areat factor (1/daty, cycle) of the RF signal modulation dependent linearization parameters e rotation around probe axis & rotation around an axis that is in the plane normal to probe axis (at measurement center), i.e., 9 = 0 is normal to probe axis information used in DASY system to align probe sensor X to the robot coordinate system Connector Angle

Connector Angle Information used in DASY system to any processensor X to the robot Countains system Calibration is Performed According to the Following Standards: a) IEEE Std 1528-2013, 'IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices; Measurement Techniques", June 2013 b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) form hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2015 c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication device used in close proximity to the human body (frequency range of 300 MHz to 6 GHz)", March 2010 d) KDB 85564, "SAR Measurement Requirements for 100 MHz to 6 GHz)", March 2010

- tion devices

- Methods Applied and Interpretation of Parameters:
 NORMx, yz; Assessed for E-field polarization is = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz; R22 waveguide).

 NORMx, yz are only intermediate values, i.e., the uncertainties of NORMx, yz does not affect the E⁵-field uncertainty inside TSL (see below ConvC).
 - uncertainty inside TSL (see below ConvF). NORM(I)x,y,z = NORMx,y,Z * frequency_response (see Frequency Response Chart). This linearization is implamented in DASV4 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 (no uncertainty required). DCP does not depend on frequency nor media. PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics

 - .
 - .
 - *PAR*: pAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics *Ax*, *y*, *z*; *Xx*, *y*; *Cx*, *y*; *z*, *Xy*, *x*, *x*, *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 NORK*x*, *y*: *T ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORK*x*, *y*: *T ConvF* whereby the uncertainty corresponds to that given for *ConvF*. A frequency dependent *ConvF* is used in DASY version *A* and higher which allows extending the validity from ± 50 MHz to ± 100 MHz. *Spharical isotrapy* (3D deviation from isotropy): In a field of low gradients realized using a flat phantom exposed by a patch enfena. *Sensor Offset*: The sense required. *Connector Angle*: The angle is assessed using the information gained by determining the *NORMx* (no. uncertainty required).
 - .
 - .

Certificate No: EX3-7466_Jan21

Page 2 of 24

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January 29, 2021

EX30V4 - SN:7466

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

		Senso	or X		Sens	or Y	-	Sensor Z	U	Inc (k=2)
Norm (u)	//(V/m) ²) ⁴	0.4	5	_	0.3	9		0,61	1	10.1 %
DCP (m)	N ^B	101		-	97	4	-	96.4		
	and the second second					-				
UID	Communication S		Res	A dB	B dBõV	c	D dB	VR mV	Max dev.	Max Unc ^e (k=2)
D	CW		X	0.00	00.00	1.00	0.00	150.5	±2.2%	± 4.7 %
			Y	0.00	0.00	1,00		143.0		
			Z	0.00	0.00	1.00		156,1		
10352-	Pulse Waveform ()	200Hz, 10%)	X	6.41	75.26	13.91	10.00	60.0	±2.6%	# 9.6 %
AAA.			Y	1.66	61.84	7.61		60.0		
			Z	20.00	95.49	22.81		60.0		1
10353-	Pulse Waveform (200Hz, 20%)		X	20.00	87.76	16.55	6,99	80.0	#2.1%	±9.6 %
AAA.			Y	0.78	60.01	5.70		80.0		
			Z	20.00	109.03	28.37		80.0		
10354-		200Hz, 40%)	X	20.00	114.67	27.40	3,98	95.0	±20%	± 9.6 %
AAA.			Y	0.39	60.00	4.96		95,0		
			2	20.00	151.84	46.68		95.0		
10355-	Pulse Waveform (2	200Hz, 60%)	X	0.17	152.80	100.00	2.22	120.0	1	± 9.6 %
AAA			Y	0.25	61.07	5.62		120.0		
			Z	2.52	160.00	62.06		120,0		
10387-	QPSK Waveform,	1 MHz	X	6.66	93.59	26.49	1,00	150.0	±2.9%	± 9.6 %
AAA.			Y	1.60	67.46	15.34		150.0		
	Section 199		Z	2.22	71.55	18,47		150.0		
10388-	QPSK Waveform,	10 MHz	X	3.86	80.00	22.12	0.00	150.0	12.8%	± 9.6 %
AAA	1.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2		Y	2.06	67.36	15.67		150.0		
			Z	3.04	73.63	19.08		150.0		
10396-	64-QAM Waveform	n, 100 kHz	X	3.32	77.52	23.54	3.01	150.0	±2.5%	± 9.6 %
AAA			Y	1.82	64.05	15.97		150.0		
	in the second		Z	2.79	71.10	20.57		150.0		
10399-	64-QAM Waveform	n, 40 MHz	X	3.98	70.45	18.12	0.00	150.0	±2.8%	±9,6 %
AAA	the second second		Y	3.42	66.88	15.76		150.0		1.1.1
			2	3.84	68.75	17.14	0.00	150,0	- 2.0.1	
10414-	WLAN CCDF, 64-	QAM, 40MHz	X	4.99	67.25	16.87	0,00	150.0	#2.8%	±9,6%
AAA			Y	4,68	65.67	15.59		150.0		1.1
			Z	5.05	66.21	16.27	1.1	150.0		1

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%.

⁶ The uncertainties of Norm X, Y,Z do not afflect the E⁵-field uncertainty inside TSL (see Pages 5, 6 and 7) Namerical linearization parameter: uncertainty not recurse). Uncertainty is determined using the max, aevailan from imear response expliving rectangular distribution and is expressed for the source of the field value.

Certificate No: EX3-7466_Jan21

Page 3 of 24

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EX3DV4- SN:7466

January 29, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

	C1 fF	C2 fF	a V~1	T1 ms.V ⁻ⁱ	T2 ms.V ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	32.4	242.77	36.31	3,66	0.00	5.01	1.37	0.00	1.01
Y	30.4	225.35	35.05	3.07	0.00	4.90	0.00	0.11	1.00
Z	47.2	365.07	38.23	8.11	0.00	5.10	0.00	0.33	1.01

Sensor Arrangement	Triangular
Connector Angle (*)	148.1
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 Dlameter	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.

Certificate No: EX3-7466_Jan21

Page 4 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 24 of 62

EX3DV4- SN:7466

January 29, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

f (MHz) ^c	Relative Permittivity ^F	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ⁰ (mm)	Unc (k=2)
600	42.7	0.88	10.92	10.92	10.92	0.06	1.20	± 13.3 %
750	41.9	0.89	10.27	10.27	10.27	0.45	1.00	± 12.0 %
835	41.5	0.90	10.11	10.11	10,11	0.45	0.91	# 12.0 %
900	41.5	0.97	9.83	9.83	9.83	0.39	0.97	± 12.0 %
1450	40.5	1.20	9.46	9,46	9.46	0.30	0.80	± 12.0 %
1750	40.1	1.37	9.07	9.07	9.07	0.32	0.80	± 12.0 %
1900	40.0	1.40	8.71	8.71	8.71	0.29	0.80	± 12.0 %
2000	40.0	1.40	8.60	8.60	8.60	0.32	0.85	± 12.0 %
2300	39.5	1.67	8.47	8.47	8.47	0.28	0.90	± 12.0 %
2450	39.2	1.80	8.08	8.08	8.08	0.27	0.90	± 12.0 %
2600	39.0	1.96	7.82	7.82	7.82	0.38	0.90	± 12.0 %
3300	38.2	2.71	7.34	7.34	7.34	0.30	1.30	± 13.1 %
3500	37.9	2.91	7.10	7.10	7.10	0.35	1,30	± 13.1 %
3700	37.7	3.12	6.98	6.98	6.98	0.35	1.30	± 13.1 %
3900	37.5	3.32	6.80	6.80	6.80	0.35	1,60	± 13.1 %
4100	37.2	3,53	6.70	6.70	6.70	0.35	1.60	± 13.1 %
4200	37.1	3.63	6.59	6.59	6.59	0.40	1.70	± 13,1 %
4400	36.9	3.84	6:32	6.32	6.32	0.40	1.70	± 13.1 %
4600	36.7	4.04	6.34	6.34	6.34	0.40	1.70	± 13.1 %
4800	36.4	4.25	6.30	6.30	6.30	0.40	1.70	± 13.1 %
4950	36.3	4.40	6.04	6.04	6.04	0.40	1.80	± 13.1 %
5200	36.0	4,66	5.60	5.60	5,60	0.40	1.80	± 13.1 %
5300	35,9	4,76	5.50	5.50	5.50	0.40	1.80	± 13.1 %
5600	35,5	5.07	5.04	5.04	5.04	0.40	1.80	± 13.1 %
5800	35.3	5.27	5.02	5.02	5.02	0.40	1.80	± 13.1 %

S3 Y v4-a and regime by the indicated frequency band. Frequency will the additional state of the indicated frequency band. Frequency will be additional state of the S4 S4 Indicates and state of the state of the state of the the state of s 50 and 70 MHz for ConvF assessme assessed at 13 MHz is 9-19 MHz. Ab id to ± 5%. The uncertainty is the t, the arrants that the remaining deviation due to the boundary effect after compensation is tow $z \ge 1$ for frequencies between 3-6 GHz at any distance larger than traff the probe tip

Certificate No: EX3-7466_Jan21

Page 5 of 24

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EX3DV4- SN:7466

January 29, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

f (MHz) =	Relative Permittivity	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ⁰ (mm)	Unc (k=2)
600	56.1	0.95	11,08	11.08	11.08	0.10	1.20	± 13.3 %
750	55.5	0.96	10.56	10.56	10.56	0.39	0,83	± 12.0 %
835	55.2	0.97	10.29	10.29	10.29	0.40	0.80	± 12.0 %
900	55.0	1.05	9.98	9.98	9.98	0.26	1.08	± 12.0 %
1750	53.4	1.49	8,69	8.69	8.69	0.31	0,85	± 12.0 %
1900	53.3	1.52	8.30	8.30	8.30	0.17	1.27	± 12.0 %
2000	53.3	1.52	8.26	8.26	8.26	0.29	0.92	± 12.0 %
2300	52.9	1,81	8.22	8.22	8.22	0.34	0.88	± 12.0 9
2450	52.7	1.95	7.99	7.99	7.99	0.33	0.95	± 12.0 %
2600	52.5	2.16	7.85	7.85	7.85	0.32	0.95	± 12.0 %
3300	51.6	3.08	6.67	6,67	6.67	0.40	1.35	# 13.1 9
3500	51.3	3.31	6.65	6,65	6.65	0.40	1.35	± 13.1 9
3700	51.0	3.55	6.60	6,60	6.60	0.40	1.30	± 13.1 5
3900	51.2	3.78	6.23	8.23	6.23	0.40	1.70	± 13.1 9
4100	50.5	4.01	6.09	6.09	6.09	0,40	1.70	± 13.1.9
4200	50.4	4.13	5.88	5.88	5.88	0.50	1.80	± 13.1 9
4400	50.1	4.37	5.77	5.77	5.77	0.50	1.80	± 13.1 9
4600	49.8	4.60	5.69	5.69	5.69	0.50	1.80	± 13.1 9
4800	49.6	4.83	5.62	5.62	5.62	0.50	1.80	± 13.1 9
4950	49.4	5.01	5.39	5.39	5.39	0.50	1.90	± 13.1 9
5200	49.0	5.30	5.00	5.00	5.00	0.50	1.90	± 13.1 9
5300	48.9	5.42	4.90	4.90	4.90	0,50	1.90	± 13.1 9
5600	48.5	5.77	4.30	4.30	4.30	0.50	1,90	± 13.1 9
5800	48.2	6.00	4.41	4.41	4.41	0.50	1.90	± 13.1 9

validity above 300 MHz of \pm 100 MHz only applies for DASY V4.4 and higher (see Page 2), etce it is restricted to \pm 50 MHz. The site RISS of the ComVF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity RHz \pm 10, 02, 40, 50 and 70 MHz for ComVF assessed at 50, 50 and 220 MHz respectively. Validity of ComVF assessed at MHz and ComVF assessed at 13 MHz \pm 80.19 MHz. Above 5 GHz frequency validity can be extended to \pm 110 MHz. Ges below 3 GHz, the validity of memory parameters (\pm and + 2 and

Certificate No: EX3-7466_Jan21

Page 6 of 24

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EX3DV4- SN 7466

9000

31.5

9.08

January 29, 2021

± 18.6 %

0.50 1.80

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7466

f (MHz) c	Relative Permittivity ^F	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha	(mm)	Unc (k=2)
6500	34.5	6.07	5.70	5,70	5.70	0.20	2.50	± 18,6 %
7000	33.9	6.65	5.85	5.85	5.85	0.20	2.00	± 18.6 %
8000	32.7	7.84	5.60	5,60	5.60	0.40	1.80	± 18.6 %

6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF unc entainty for artanty at calibration fr iguency waichy above 60-Fr, the 7:00 MHz. The uncertainty is the IdSS of the Conver uncertainty at cateronion trequency and a disclosed in the uncertainty is an IdSS of the Conver uncertainty at a disclosed in the uncertainty is the IdSS of the Convert uncertainty at a disclosed in the Uncertainty at a disclose

5.45 5.45 5.45

Certificate No: EX3-7466_Jan21

Page 7 of 24

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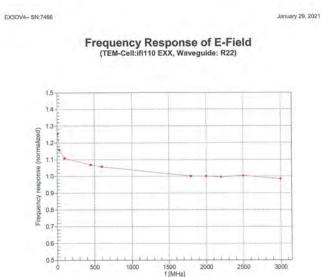
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Page 8 of 24

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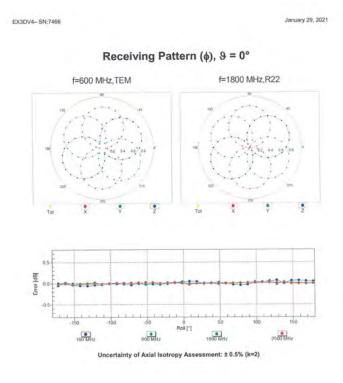
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Report No: E5/2021/C0005 Rev: 01 Page: 28 of 62



Certificate No: EX3-7466_Jan21

Page 9 of 24

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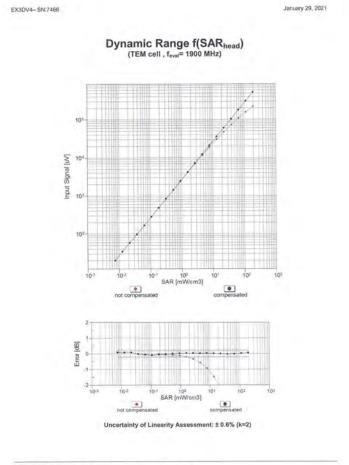
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Report No: E5/2021/C0005 Rev: 01 Page: 29 of 62



Certificate No: EX3-7466_Jan21

Page 10 of 24

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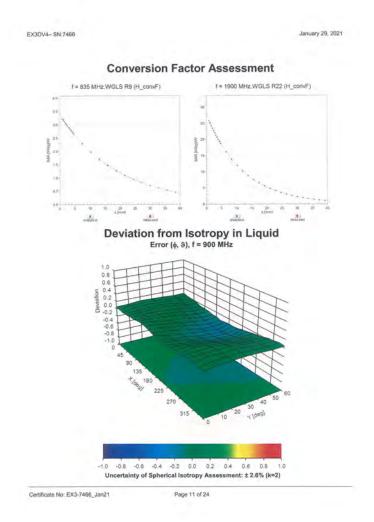
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Report No: E5/2021/C0005 Rev: 01 Page: 30 of 62



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Report No: E5/2021/C0005 Rev: 01 Page: 31 of 62

January 29, 2021

EX3DV4-SN:7466

Appendix: Modulation Calibration Parameters

מוט	Rev	Communication System Name	Group	PAR (dB)	Unc ^E (k=2)
0	-	CW	CW	0,00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10,00	±9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	±9.6 %
10012	CAB	IEEE 802.11b WIF) 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6 %
10013	CAB	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±9.6 %
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 (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
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-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	±9.6 %
10030	CAA	IEEE 802 15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Biuetooth	1.87	± 9.6 %
10032	CAA	(EEE 802.15.1 Bluetooth (GFSK, DH5)	Bivelooth	1.16	± 9.6 %
10033	CAA	(EEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	7.74	± 9.6 %
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluelooth	4.53	± 9.6 %
10035	CAA	IEEE 802, 15, 1 Bluetooth (PI/A-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)	Biuetopth	4.77	±9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6 %
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	15-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	+9.6%
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6 9
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.69
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.69
10046		UMTS-TDD (TD-SCDMA, 1.28 Mops)	TD-SCDMA	11.01	± 9.6 9
10058	CAA	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10058	DAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	19.65
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	19.6 %
10060	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	3.60	19.6%
10062	CAB	IEEE 802,11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6%
10062	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6 %
10064	CAD	IEEE 802, Tham WIFI 5 GHZ (OFDM, 9 MDps) IEEE 802, 11a/h WIFI 5 GHZ (OFDM, 12 Mbps)	WLAN	9.09	±9.6 %
	CAD		WLAN	9.09	19.6 9
10065	CAD	IEEE 802.11a/h W/FI 5 GHz (OFDM, 18 Mbps) IEEE 802.11a/h W/FI 5 GHz (OFDM, 24 Mbps)	WLAN	9.00	
10066	CAD		WLAN	9.58	± 9.6 %
10067	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps) IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WEAN	10.12	19.6 %
10068	CAD		WLAN	10.24	
10069	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN		±9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	\$ 9.6 9
10072	CAB	(EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 9
10073	CAB	IEEE 802,11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)			±9,61
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10,30	±9,65
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 WIFI 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9,6 %
10081	CAB	COMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 5
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 9
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	±9.6 %
10097	CAC	LIMTS-FDD (HSDPA)	WCDMA	3.98	±9.65
10098	DAC	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %

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Page 12 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 32 of 62

10099	CAC	EDGE-FDD (TDMA, BPSK, TN 0-4)	GSM	9.55	±9.6%
10100	GAC	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9,6 %
10101	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6 %
10102	CAB	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 %
10103	DAC	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10104	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-OAM)	LTE-TDD	9.97	± 9.6 %
10105	CAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	±9.6.9
10108	CAE	LTE-FOD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	29.69
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6.9
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6 %
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	= 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAG	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAG	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	19.6 %
10116	CAG	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	19.6 %
10117	CAG	IEEE 802,11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 7
10115	CAD	IEEE 802.11n (HT Mixed, 81 Mbos, 16-QAM)	WLAN	8.59	±9.65
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 5
10140	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FOD	6.49	± 9.6 9
10141	CAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FOD	6.53	± 9.6 9
10142	GAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, OPSK)	LTE-FOD	5.73	±9.6 %
10143	CAD	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	±9.6 9
10144	CAC	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 9
10146	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-OAM)	LTE-FDD	6.41	± 9.6 7
10147	CAC	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-OAM)	LTE-FDD	6.72	± 9.6 %
10149	CAC	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 7
10149		LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	±9.6 1
10150	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QP5K)	LTE-TDD	9.28	±9.6 5
10152		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	19.6 1
10152	CAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 54-QAM)	LTE-TDD	10.05	29.6 9
10155	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, OPSK)	LTE-FDD	5.75	29.69
10155		LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 9
10156	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 0PSK)	LTE-FDD	5.79	19.6
10150	CAF	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-0AM)	LTE-FDD	6.49	19.63
10157	CAE	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	19.6
10108	CAE	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	19.6
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	19.6
10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHZ, QFSR) LTE-FDD (SC-FDMA, 50% RB, 15 MHZ, 16-QAM)	LTE-FDD	6.43	± 9.6
10161	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHZ, 16-GAM)	LTE-FOD	6.58	19.6
10162	CAG	LTE-FDD (SC-FDMA, 50% RB, 15 MHZ, 04-04M) LTE-FDD (SC-FDMA, 50% RB, 1.4 MHZ, 0PSK)	LTE-FOD	5.46	19.6
10166	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 0PSR) LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-DAM)	LTE-FDD	6.21	19.6
10167	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 10-04M)	LTE-FDD	6.79	19.6
10168	CAG	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHZ, 54-GAM) LTE-FDD (SC-FDMA, 1 RB, 20 MHZ, GPSK)	LTE-FDD	5.73	19.6
10169	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHZ, GPSR) LTE-FDD (SC-FDMA, 1 RB, 20 MHZ, 16-QAM)	LTE-FDD	6.52	19.6
10170	CAG	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-GAM) LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-GAM)	LTE-FDD	6.49	19.6
10171	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	9.21	19.6
	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHZ, QPSR) LTE-TDD (SC-FDMA, 1 RB, 20 MHZ, 18-QAM)	LTE-TOD	9.21	19.6
10173	CAE	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
	CAF		LTE-FDD	5.72	± 9.6
10175	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)			
10176	CAF	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10177	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6
10178	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10179	AAE	LTE-FDD (SC-FDMA, 1 RB, 10 MHz. 64-QAM)	LTE-FDD	6.50	± 9.6
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	±9.6

Certificate No: EX3-7466_Jan21

Page 13 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 33 of 62

10181	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	±9.6 %
10182	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10183	CAG	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, OPSK)	LTE-FDD	5.73	± 9.6 %
10185	CAL	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 18-QAM)	LTE-FDD	6.51	± 9.6 %
10186	CAG	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QP5K)	LTE-FDD	5.73	± 9.6 %
10188	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	CAG	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAE	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6 %
10194	AAD	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAE	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	19.6 %
10196	CAE	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	1 9.6 %
10197		IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	19.6%
10198	AAE	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	19.6%
10198	CAF	IEEE 802.11n (HT Mixed, 65 Mops, 64-QAW) IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	19.6%
	CAF		WLAN	8.13	
10220	AAF	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
	CAC	IEEE 802.11n (HT Mixed. 72.2 Mbps, 64-QAM)	WLAN		
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAD	IEEE 802.11n (HT Mixed. 90 Mbps. 16-QAM)		8.48	± 9.6 %
10224	CAD	JEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
10225	CAD	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6%
10227	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6 %
10228	CAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 %
10229	DAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TOD	9.48	±9.6 %
10230	CAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	±9.6 %
10231	GAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	±9.6 %
10232	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	±9.6 %
10233	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, OPSK)	LTE-TDD	9.21	± 9,6 %
10235	CAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	19.6%
10236	CAD	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	±9.6 %
10237	CAD	LTE-TOD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAB	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9,48	±9.6 %
10239	CAB	LTE-TOD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TOD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10242	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TOD	9,86	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TOD	10.06	±9.6%
10245	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TOD	10.06	± 9.6 %
10246	CAG	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOD	9.30	19.6%
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOD	9.91	19.61
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 9
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6.9
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 9
10251	CAF	LTE-TDD (SC-FDMA, 50% RB. 10 MHz: 64-QAM)	LTE-TDD	10.17	± 9.6.1
10252	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6.9
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAP	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6 %
10255	CAB	LTE-TOD (SC-FDMA, 50% RB, 15 MHz, OPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	1 ± 9.6 %
10256		LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 1
10258	CAD	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 0PSK)	LTE-TDD	9.34	± 9.6 7
10258	CAD	LTE-TOD (SC-FDMA, 100% RB, 14 MHz, 0P3K)	LTE-TDD	9.54	19.63
10238	CAD	LIE-IDD (OC-PUMA, 1907ERB, 3 MPZ, 10-QAM)	LIE-IDD	9,98	1 2 9,6 3

Certificate No: EX3-7466_Jan21

Page 14 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 34 of 62

X3DV4-	SN:746			Janua	ry 29, 20
10260	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-DAM)	LTE-TDD	9.97	±9.6 %
10261	CAG	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FOMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	±9.63
10283	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	±9.69
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	19.6 9
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 3
10266	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TOD	10.07	19.6 %
10267	CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TOD	9.30	19.69
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 9
10269	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	±9.63
10270	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, OPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAD	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAD	PHS (OPSK)	PHS	11.81	± 9.6 %
10278	CAD	PHS (OPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 9
10279	CAG	PHS (QPSK, BW 884MHz, Rolloff 0.3ll)	PHS	12.18	±9.69
10279	CAG	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 9
10290	CAG	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6 9
10291		CDMA2000, RC3, SO33, Full Rate	CDMA2000	3.39	±9.6 9
10292	CAG	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.50	±9.6 9
10295	CAG	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6 9
10295	CAG	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FOO	5.81	± 9.6 %
	GAF	LTE-FDD (SC-FDMA, 50% RB, 20 MHZ, GPSK)	LTE-FOD	5.72	±9.6 %
10298	CAF		LTE-FDD	6.39	
10299	CAF	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD		±9.6 %
10300	CAC	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	WiMAX	6,60	19,69
10301	CAC	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	±9.69
10302	CAB	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)			
10303	CAB	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6 %
10304	CAA	IEEE 802.16e WIMAX (29.18, 5ms, 10MHz, 64QAM, PUSC)		11.86	±9.6 %
10305	CAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WMAX	15,24	± 9.6 %
10306	CAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WMAX	14.67	± 9.6 9
10307	AAB	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)		14.49	± 9.6 °
10308	AAB	1EEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14,46	±9.6 9
10309	AAB	1EEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 °
10310	AAB	IEEE 802.1fle WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	± 9.6 °
10311	AAB	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6*
10313	AAD	IDEN 1:3	IDEN	10.51	± 9.6 °
10314	AAD	IDEN 1:6	IDEN	13.48	±9.61
10315	AAD	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc da)	WLAN	1.71	±9.6
10316	AAD	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, H6pc dc)	WLAN	8.36	± 9.6 1
10317	AAA	IEEE 802.11a WIFI 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.61
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 *
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	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
10396	AAA	64-QAM Waveform, 100 kHz	Ganaric	6.27	± 9,6
10399	AAA	64-QAM Waveform, 40 MHz	Ganaric	6.27	±9.6
10400	AAD	IEEE 802.11ac W/Fi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9,6
10401	AAA	IEEE 802.11ac W/FI (40MHz, 64-QAM, 99pc dc)	WLAN	8,60	± 9.6
10402	AAA	IEEE 802.11ac WiFi (80MHz, 64-QAM, 98pc dc)	WLAN	8,53	± 9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6
10406	AAD	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.5

Certificate No: EX3-7466_Jan21

Page 15 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 35 of 62

10410	AAA	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, LL Sub=2,3,4,7,8,9)	LTE-TOD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, #0MHz	Generic.	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WIFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10417	AAA	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps, 99pc do)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAA	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAA	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAE	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	±9.61
10425	AAE	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	19.6 7
10426	AAE	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	29.6%
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps. 64-QAM)	WLAN.	8.41	29.6 %
10430	AAB	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAC	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	\$9.67
10432	AAB	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FOD	8.34	19.69
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	±9.69
10434	AAG	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	±9.69
10435	AAA	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 9
10447	AAA	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6 %
10448	AAA	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FOD	7.53	±9.6 %
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3 1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10450	AAA	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.69
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	±9.6.9
10453	AAC	Validation (Square, 10ms, 1ms)	Test	10.00	±9.6 %
10456	AAC	(EEE 802.11ac WIFI (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	±9.6%
10457	AAC	UMTS-FDD (DC-HSOPA)	WCDMA	6.62	±9.6 %
10458	AAC	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10459	AAC	CDMA2000 (1xEV-DO, Rev. B. 3 carriers)	CDMA2000	8.25	±9.6 %
10460	AAC	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.63
10461	AAC	LTE-TDD (SC-FDMA, 1 RB. 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 %
10462	AAC	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-OAM, UL Sub)	LTE-TDD	8.30	+9.6 5
10463	AAD	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	1 ± 9.6 5
10464	AAD	LTE-TDD (SC-FDMA, 1 RB. 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	19.6 5
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	19.65
10468	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDO	8.57	= 9.6 9
10467	AAA	LTE-TDD (SC-FDMA, 1 RB, 6 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.63
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.63
10469	AAD	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TOD	8.56	+9.65
10470	AAD	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TOD	7.82	±9.65
10471	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	±9.69
10472	AAC	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	± 9.6 9
10473	AAA	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TOO	7.82	29.69
10474	AAC	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 9
10475	AAD	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	± 9.6.9
10477	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.65
10478	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	#9.6
10479	AAC	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	29.69
10480	AAA	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TOD	8.18	29.6
10481	AAA	LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 10-0AM, UL Sub)	LTE-TOD	8.45	± 9.6 5
10482	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-0AM, 0L SUD)	LTE-TOD	7.71	± 9.6 4
10483	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0PSR, 0L SUD)	LTE-TDD	8.39	± 9.6 1
10484	AAA	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, SUD)	LTE-TOD	8.39	19.61
10484		LTE-TDD (SC-FDMA, 50% RB, 3 MHZ, 64-GAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 5 MHZ, QPSIC UL Sub)	LTE-TOD	7.59	
10485	AAB	LTE-TOD (SC-FDMA, 50% RB, 5 MHz, UPSR, UL Sub)	LTE-TOD	7.59	± 9,6 *
10486	AAB	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 10-GAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 84-GAM, UL Sub)	LTE-TOD	8.38	± 9.6 9

Certificate No: EX3-7466 Jan21

Page 16 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 36 of 62

10488	AAC	LTE-TOD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAC	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	± 9.6 %
10491	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, OPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TOD	8.41	±9.6 %
10493	AAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TOD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAE	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TOD	8.54	± 9.6 %
10497	AAE	LTE-TOD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.67	±9.6%
10498	AAE	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TOD	8.40	± 9.6 %
10499	AAC	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-DAM, UL Sub)	LTE-TOD	8,44	± 9.6 %
10502	AAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TOD	8.52	± 9.6 %
10503	AAB	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TOD	7.72	±9.6%
10504	AAB	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 18-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAG	LTE-TOD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAC	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDO	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAF	LTE-TOD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8,49	±9.6 %
10511	AAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	±9.69
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	±9.69
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10514	AAE	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAE	IEEE 802 11b WiFI 2 4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10516	AAE	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	±9.6 %
10517	AAF	IEEE 802.11b WIFI 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	+9.63
10518	AAF	IEEE 802.11a/h WIFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	19.63
10519	AAF	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±9.63
10520	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.63
10521	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 24 Mbps, 99pc do)	WLAN	7.97	±9.6 %
10522	AAB	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAC	IEEE 802,11a/n WIFi 5 GHz (OFDM, 48 Mbps, 99pc dd)	WEAN	8.08	± 9.6 9
10524	AAC	IEEE 802 11a/h WIFI 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAC	IEEE 802.11ac WIFI (20MHz, MCS0, 99bc dc)	WLAN	8.36	± 9.6 %
10526	AAF	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAF	IEEE 802.11ac WIFI (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
10528	AAF	IEEE 802.11ac WIFI (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
10529	AAF	IEEE 802.11ac WiFI (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAF	IEEE 802.11ac WIFI (20MHz, MCS6, 99pc dc)	WLAN	8.43	±9.61
10532	AAF	IEEE 802.11ac WIFI (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 1
10533	AAE	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6
10534	AAE	IEEE 802.11ac WIFI (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 1
10535	AAE	IEEE 802 11ac WiFI (40MHz, MCS1, 99pc dc)	WLAN	8.45	±9.6
10536	AAF	IEEE 802 11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 °
10537	AAF	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	19.6
10538	AAF	IEEE 802 11ac WIFI (40MHz, MCS4, 99pc dc)	WLAN	8.54	19.6
10540	AAA	IEEE 802 11ac WiFi (40MHz, MCS6, 99pc.dc)	WLAN	8.39	1 19.6
10541	AAA	IEEE 802 11ac WIFI (40MHz, MCS7, 99pc dc)	WLAN	8.46	+969
10542	AAA	IEEE 802.11ac WIFI (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6
10543	AAC	IEEE 802.11ac WIFI (40MHz, MCS9, 99pc dc)	WEAN	8.65	+9.6
10544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WEAN	8.47	± 9.6
10545	AAC	IEEE 802.11ac WiFI (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6

Certificate No: EX3-7466_Jan21

Page 17 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 37 of 62

10546	LAAG	IEEE 802 11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	±9.6 %
10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10548	AAC	IEEE 802 11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	±9.6 %
10550	AAC	IEEE 802 11ac WIFI (80MHz, MCS6, 99pc dc)	WLAN	8.38	± 9.6 %
10551	AAC	IEEE 802 11ac WiFi (B0MHz, MCS7, 99pc do)	WLAN	8.50	±9.5%
10552	AAC	IEEE 802 11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	±9.6 %
10553	AAC	IEEE 802.11ac WIFI (80MHz, MCS9, 99pc dc)	WLAN	8,45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	±9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8,47	±9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	±9,6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9,6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	±9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz. MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802 11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
10584	AAC	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 %
10565	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10566	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 %
10567	AAC	IEEE 802 11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6 %
10568	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6 %
10569	AAC	IEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10570	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	±9.6 %
10571	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WEAN	1.99	± 9.6 %
10572	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	# 9.6 %
10573	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10574	AAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	19.6%
10575	AAC	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	19.6 %
10577	AAC	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9,6 %
10578	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	±9.6 %
10579	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8,36	±9.6 %
10580	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dd)	WLAN	8,35	± 9.6 %
10582	AAD	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	±9.6 %
10583	AAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	# 9.6 %
10564	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps. 90pc dc)	WLAN	8.60	± 9.6.9
10585	AAD	IEEE 802_11a/h WIFI 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	±9.69
10586	AAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAA	IEEE 802.11a/h WiFi 5 GHz (DFDM, 24 Mbps. 90pc dc)	WLAN	8.36	±9.6 %
10588	AAA	IEEE 802.11a/h WiFi 5 GHz (DFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10589	AAA	IEEE 802.11a/h WiFi 5 GHz (DFDM, 48 Mbps, 90pc dc)	WLAN	8,35	± 9.6 %
10590	AAA	IEEE 802.11a/h WiFi 5 GHz (DFDM, 54 Mbps; 90pc dc)	WLAN	8.67	± 9.6 %
10591	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6 %
10592	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS1. 90pc dc)	WLAN	8.79	± 9.6 %
10593	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
10594	AAA	IEEE 802.11n (HT Mixed, 20MHz, MGS3, 90pc do)	WLAN	8,74	± 9.6 %
10595	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8,74	± 9,6 %
10596	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8,71	19.6 1
10597	AAA	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8,72	±9.6 *
10598	AAA	(EEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8,50	± 9.6 %
10599	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	±9.65
10600	AAA	IEEE 802,11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.65
10601	AAA	IEEE 802,11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	±9.65
10602	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAA	IEEE 802,11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %

Certificale No: EX3-7466_Jan21

Page 18 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 38 of 62

10604	1	LEEE 802,11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 9	
10605	AAA	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	+9.6.9	
10606	AAA AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 3	
10607	AAC	IEEE B02.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	+9.6*	
10607	AAG	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 *	
10809	AAC	IEEE 802.11ac WIFI (20MHz, MCS2, 90pc dc)	WLAN	8.57	19.6	
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	±9.6*	
10611	AAC	IEEE 802 11ac WiFi (20MHz: MCS4, 90pc dc)	WLAN	8.70	±9.6 °	
10612	AAC	IEEE 802.11ac WiFI (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 °	
10613	AAC	IEEE 802.11ac WIFI (20MHz, MCS6, 90pc dc)	WLAN	8.94	±9.6 9	
10614	AAC	IEEE 802.11ac WIFI (20MHz, MCS7, 90pc dc)	WLAN	8.59	±9.6	
10615	AAC	IEEE 802.11ac WiFI (20MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6	
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 °	
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	B.81	±9.6	
10618	AAG	IEEE 802 11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	±9.65	
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6	
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 1	
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 °	
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6	
10623	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6	
10624	AAC	IEEE 802.11ac WIFI (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6	
10625	AAC	IEEE 802.11ac WiFI (40MHz, MCS9, 90pc dc)	WEAN	8.96	± 9.6	
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	19.6	
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	#9.6	
10628	AAC	IEEE 802 11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6	
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6	
10630	AAC	IEEE 802 11ac WIFI (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6	
10631	AAC	IEEE 802 11ac WIFI (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6*	
10632	AAC	IEEE 802 11ac WIFI (80MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6	
10633	AAC	IEEE 802 11ac WIFI (80MHz, MCS7, 90pc dc)	WLAN	8.83	±9.6	
10634	AAC	IEEE 802 11ac WIFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6	
10635	AAC	IEEE 802.11ac WIFI (80MHz, MCS9. 90pc dc)	WLAN	8.81	±9.6	
10636	AAC	IEEE 802.11ac WIFI (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6	
10637	AAC	IEEE 802.11ac WIFI (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6	
10638	AAC	IEEE 802 11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	±9.6	
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6	
10640	AAC	IEEE 802 11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6	
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6	
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.06	± 9.6	
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6	
10644	AAC	IEEE 802.11ac WiFI (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6	
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	±9.6	
10646	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	1 9.6	
10647	AAC	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TOD	11.96	19.6	
10648	AAC	CDMA2000 (1x Advanced)	CDMA2000	3.45	±9.6	
10652	AAC	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	6,91	± 9,6	
10653	AAC	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.42	±9.6	
10654	AAC	LTE-TOD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6	
10655	AAC	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TOD	7.21	±9.6	
10658	AAC	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6	
10659	AAC	Pulse Waveform (200Hz, 20%)	Test	6.99	±9.6	
10660	AAC	Pulse Waveform (200Hz. 40%)	Test	3,98	± 9.6	
10661	AAC	Pulse Waveform (200Hz, 60%)	Test	2.22	±9.6	
10662	AAC	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6	
10670	AAC	Bluetooth Low Energy	Bluetooth	2.19	± 9.6	
10671	AAD	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6	

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Page 19 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 39 of 62

10672	AAD	TEEE 802 11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	±9.6%
10673	AAD	IEEE 802.1 tax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAD	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAD	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAD	IEEE 802.11ax (20MHz, MCS5, 90pc do)	WLAN	8.77	± 9.6 %
10677	AAD	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAD	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAD	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAD	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAG	IEEE 802.11ax (20MHz. MCS10, 90pc dc)	WLAN	8.62	±9.6%
10682	AAF	IEEE 802 11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	±9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAC	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN.	8.26	± 9.6 %
10685	AAC	IEEE 802.11ax (20MHz, MCS2, IHpc dc)	WLAN	8.33	± 9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6 %
10687	AAE	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAE	IEEE 602.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAD	IEEE 602.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAE	IEEE 802,11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	= 9.6 %
10691	AAB	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	# 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	±9.6 %
10693	AAA	IEEE 802 11ax (20MHz, MCS10, 99pc dc)	WEAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	±9.6 %
10696	AAA	(EEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10897	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 5
10698	AAA	IEEE 802,11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	±965
10699	AAA	IEEE 802.11ax (40MHz; MCS4, 90pc dc)	WLAN	8.82	29.63
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	19.6 9
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8 86	± 9.6 5
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8,70	± 9.6 9
10703	AAA	IEEE 802,11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	±9.6*
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	±9.69
10706	AAC	IEEE 802 11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAC	IEEE 802.11ax (40MHz, MCS0; 99pc dc)	WLAN	8.32	± 9.6 °
10708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc.dc)	WLAN	8.55	± 9.6 %
10709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	19.6
10710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 *
10712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	19.63
10713	AAC	[EEE 802.11ax (40MHz, MC56, 99pc dc)	WLAN	8.33	19.6
10714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 1
10715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.61
10716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	19.61
10717	AAC	1EEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 9
10718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6
10719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 *
10720	AAC	IEEE 802 11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	±9.63
10721	AAC	IEEE 802 11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	19.6
10722	AAC	(EEE 802 11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	19.6
10723	AAC	IEEE 802.11ax (80MHz, MCS4, 90pc do)	WLAN	8.70	19.6
10723	AAC	IEEE 802.11ax (80MHz, MCS5, 90pc do)	WLAN	8.90	19.6
10725	AAC	[EEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6
10726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.6 4
10720	AAC	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	±9.6

Certificate No: EX3-7466_Jan21

Page 20 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 40 of 62

10728	AAC	TIEEE 802.11ax (BOMHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAC	TEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAC	IEEE 802 11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAC	IEEE 802 11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	19.6%
10732	AAC	IEEE 802.11ax (80MHz, MCS1, 89pc dc)	WLAN	8.46	= 9.6 %
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6 %
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dd)	WLAN	8.33	± 9.6 %
10736	AAC	IEEE 802.11ax (80MHz, MCSS, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc.dc)	WLAN	8.36	± 9.6 %
10738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	±9.6 %
10739	AAC	IEEE 802 11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAC	(EEE 802 11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	±9.6%
10741	AAC	(EEE 802 11ax (80MHz, MCS10) 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAG	IEEE 802 11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802 11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10743	AAC	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9,16	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10745	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10740	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	MC	IEEE 802.11ax (160MHz, MCS5, 90pc.dc)	WLAN	8.93	± 9.6 %
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	# 9.6 %
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	#9.6%
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	# 9.6 %
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	+9.6 %
10755	AAC	IEEE 802 11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	±9.6%
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	±9.6%
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	±9.6%
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAC	IEEE 802.11ax (160MHz, MC54, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAC	IEEE 802.11ax (160MHz, MC55, 99pc dc)	WLAN	8,49	± 9.6 %
10761	AAC	IEEE 802.11ax (160MHz, MC58, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAC	(EEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	= 9.6 %
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	±9.6%
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TOD	8.01	± 9.6 %
10769		5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10700	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.67
10770	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	1 2 9.6 7
10772	AAC	5G NR (CP-OFDM: 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	1 19.6 9
10773	AAC	5G NR (CP-OFDM: 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	19.6 9
10774	AAC	5G NR (CP-OFDM: 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	19.69
10775	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.31	±9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	±9.69
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 3
10778		5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8,34	+9.63
10778	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.42	± 9.6 9
10779	AAC	5G NR (CP-OFDM, 50% RB; 30 MHz, GP-SH, 15 KHz)	5G NR FR1 TDD	8.38	±9.69
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.38	±9.6 9
10781	AAC	5G NR (CP-OFDM: 50% RB: 40 MHz, QP3R, 15 KHz)	5G NR FR1 TDD	8.43	1 2 9.6 9
10783	AAC	5G NR (CP-OFDM, 50% RB, 5 MHz, GP3H, 15 MHz)	5G NR FR1 TOD	8.31	19.6 9

Certificate No: EX3-7466_Jan21

Page 21 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 41 of 62

10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, OPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	±9.6*
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, OPSK, 15 KHz)	5G NR FR1 TDD	8.35	19.6
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 KHz)	5G NR FR1 TOD	8.44	±9.6
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	±9.6
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, OPSK, 15 kHz)	5G NR FR1 TOD	8.37	±9.6
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.61
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	±9.6
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	7.95	± 9.6*
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6
10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6
10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6
10803	AAE	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDO	7.93	# 9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
10810	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.34	±9,6
10812	AAD	5G NR (CP-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	+9.6
10817	AAD	5G NR (CP-OFDM, 100% RB. 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	±9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
10619	AAD	5G NR (CP-OFDM, 100% R8, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.33	±9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 MHz)	5G NR FR1 TDD	8.30	±9.6
10821	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.41	± 9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.41	+96
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	8.36	± 9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	±9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6
10828	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	±9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10836	AAE	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TOD	7.66	± 9.6
10837	AAE	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7,65	± 9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	7.67	+ 9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, GPSK, 60 KHz)	5G NR FR1 TDD	8.34	± 9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	+ 9.6
10854		5G NR (CP-OFDM, 100% RB; 10 MHz, OPSK, 60 KHz)	5G NR FR1 TDD	8.34	± 9.6
10655	AAD	5G NR (CP-OFDM: 100% RB: 15 MHz; QPSK: 60 KHz)	5G NR FR1 TOD	8.36	± 9.6
10655		5G NR (CP-OFDM: 100% RB, 20 MHz, OPSK, 60 KHz)	5G NR FR1 TDD	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	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSR, 60 KHz)	5G NR FR1 TDD	8.36	19.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 60 kHz) 5G NR (CP-OFDM, 100% RB, 40 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	8.34	19.6

Certificate No: EX3-7466_Jan21

Page 22 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 42 of 62

10860	LAAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 80 kHz)	5G NR FR1 TDD	8.41	± 9.6 9
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 MHz)	5G NR FR1 TDD	8.41	± 9.6
10864	AAE	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 MHz)	5G NR FR1 TDD	8.37	± 9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8,41	± 9.6
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	50 NR FR1 TDD	5.68	± 9.6 *
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6 *
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	+9.61
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	+9.61
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TOD	8.39	± 9.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TOD	8.41	±9.6
10879	AAD	5G NR (CP-OFDM. 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64GAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, OPSK, 120 kHz)	5G NR FR2 TOD	5.75	±9.6
10682	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	+9.6
10683	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	±9.6
10884	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.53	196
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	+96
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QP5K, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	±9.6
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TOD	8.41	± 9.6
10897	AAD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	±9.6
10898	AAD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TOD	5.67	±9.6
10899	AAD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6
10900	AAD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
10901	AAD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6
10902	AAD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	+9.6
10903	AAD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
10904	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
10905	AAD	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	19.6
10906	AAD	SG NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	# 9.6
10907	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MRz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	1 ± 9.6
10908	AAD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	1 19.6
10909	AAD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6
10910	AAD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6
10911	AAD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6
10912	AAD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6
10913	AAD	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10914	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	19.6
10915	AAD	5G NR (DFT-s-DFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	29.6
10916	AAD	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.87	2 9.6
10917	AAD	5G NR (DFT-5-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	1 9.6
10918	AAD	5G NR (DFT-s-OFDM, 100% R8, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6
10918	AAD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6
10920	AAD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 30 kHz)	5G NR FR1 TOD	5.87	± 9.6
10921	AAD	6G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	1 9.6

Certificate No: EX3-7466_Jan21

Page 23 of 24

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Report No: E5/2021/C0005 Rev: 01 Page: 43 of 62

y 29, 20					
± 9.6.%	5.82	6G NR FR1 TOD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	L AAD	10922
±9.6%	5.84	5G NR FR1 TOD	5G NR (DFT-8-OFDM, 100% RB, 30 MHz, OPSK, 30 kHz)	AAD	10923
± 9.6 %	5.84	6G NR FR1 TOD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	AAD	10924
± 9.6 %	5.95	5G NR FR1 TOD	5G NR (DFT-6-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz)	AAD	10925
± 9.6.9	5.84	5G NR FR1 TDD	5G NR (DFT-6-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	AAD	10926
± 9.6.5	5.94	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	AAD	10927
± 9.6.9	5.52	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	AAD	10928
± 9.6 9	5.52	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	AAD	10929
±9.6 %	5.52	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, OPSK, 15 kHz)	AAD	10930
±9.6%	5.51	5G NR FR1 FDD	5G NR (DFT-8-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	AAD	10931
± 9.6 %	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	AAB	10932
± 9.6 %	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	AAA	10933
19.6 9	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, OPSK, 15 kHz)	AAA	10934
± 9.6 7	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, OPSK, 15 kHz)	AAA	10935
±9.69	5.90	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	AAC	10936
± 9.6 9	5.77	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	AAB	10937
±9.69	5.90	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	AAB	10938
±9.6 %	5.82	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	AAB	10939
±9.6 %	5.89	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, OPSK, 15 kHz)	AAB	10940
±9.6 %	5.83	5G NR FR1 FDD	5G NR (DFT-s-OFDM 50% RB 30 MHz, OPSK, 15 kHz)	AAB	10941
±9.6 %	5.85	5G NR FR1 FDD	5G NR (DFT-s-OFDM: 50% RB, 40 MHz, OPSK, 15 kHz)	AAB	10942
+9.65	5.95	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	AAB	10943
± 9.6 5	5.81	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	AAB	10944
± 9.6 1	5.85	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, OPSK, 15 kHz)	AAB	10945
± 9.6 *	5.83	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, OPSK, 15 kHz)	AAC	10946
±9.6 5	5.87	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, OPSK, 15 kHz)	AAB	10947
±9.61	5.94	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	AAB	10948
±9.61	5.87	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	AAB	10949
± 9.6 5	5.94	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	AAB	10950
± 9.6 %	5.92	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, OPSK, 15 kHz)	AAB	10951
± 9.6 °	8.25	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	AAB	10952
196	8.15	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	AAB	10953
±9.6*	8.23	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 KHz)	AAB	10954
± 9.6 *	8.42	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	AAB	10955
196	8.14	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	AAB	10956
± 9.6	8.31	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	AAC	10957
±9.6*	8.61	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	AAB	10958
± 9.6	8.33	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	AAB	10959
±9.6	9.32	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	AAB	10960
± 9.6	9.36	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	AAB	10961
± 9.6	9.40	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz 64-QAM, 15 kHz)	AAB	10962
± 9.61	9.55	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	AAB	10963
± 9.6	9.29	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	AAB	10964
±9.6	9.37	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 KHz)	AAB	10965
± 9.6 *	9.55	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	AAB	10966
± 9.6	9.42	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz; 64-QAM, 30 kHz)	AAB	10967
± 9.6	9.49	5G NR FR1 TOD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 KHz)	AAB	10968
± 9.6	11.59	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 20 MHz, OPSK, 15 kHz)	AAB	10972
± 9.6	9.06	5G NR FR1 TDD	5G NR (DFT-5-OFDM, 1 RB, 100 MHz, OPSK, 30 KH2)	AAB	10972
±9.6	10.28	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 100 MHz, CP-SK, 30 KHz)	AAB	10973

ax, deviation from linear response applying rectangular distribution and is expressed for the inquare of the

Certificate No: EX3-7466_Jan21

Page 24 of 24

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Accredited by the Swiss Accred The Swiss Accreditation Serv Multilateral Agreement for the	lce is one of the signatories	to the EA	creditation No.: SCS 0108
Client SGS-TW (Au	den)	Certificate No:	EUmmWV4-9579_Oct2
CALIBRATION	CERTIFICATE		
Object	EUmmWV4 - SN:	9579	
Calibration procedure(s)	QA CAL-02.v9, Q Calibration process evaluations in air	A CAL-25.v7, QA CAL-42.v2 ture for E-field probes optimized f	for close near field
Calibration date:	October 06, 2021		
The measurements and the un	certainties with confidence pro	bability are given on the following pages and	are part of the certificate.
		facility: environment temperature (22 \pm 3)°C ϵ	and humidity < 70%.
Calibration Equipment used (M	1&TE critical for calibration)		
Calibration Equipment used (M Primary Standards	1&TE critical for calibration)	Cal Date (Certificate No.)	Scheduled Calibration
Calibration Equipment used (M	1&TE critical for calibration)	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292)	Scheduled Calibration Apr-22
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91	I&TE critical for calibration)	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292) 09-Apr-21 (No. 217-03291)	Scheduled Calibration Apr-22 Apr-22
Calibration Equipment used (M Primary Standards Power meter NRP	1&TE critical for calibration)	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03291)	Scheduled Calibration Apr-22 Apr-22 Apr-22
Calibration Equipment used (N Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291	I&TE critical for calibration)	Cal Date (Certificate No.) 09-Apr-21 (No. 217-032910202) 08-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03292)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Apr-22 Apr-22
Cellibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator	I&TE critical for calibration) ID SN: 104778 SN: 103244 SN: 103245 SN: CC2552 (20x)	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03291)	Scheduled Calibration Apr-22 Apr-22 Apr-22
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 dB Attenuator Reference Probe ER3DV6	ID ID SN: 104778 SN: 103244 SN: 103245 SN: 202552 (20x) SN: 22252	Cal Date (Certificate No.) 09-Apr-21 (No. 217-032910282) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03282) 09-Apr-21 (No. 217-03243) 05-Oct-20 (No. ER3-2328, Oct20)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Apr-22 Oct-21 Oct-21
Calibration Equipment used (M Primary Standards Power metor NRP Power sensor NRP-291 Power sensor NRP-291 Reference 20 48 Altenuator Reference Probe ER3DV6 DAE4 Secondary Standards Power meter E419B	ID ID SN: 104778 SN: 103244 SN: 103245 SN: CC2552 (20x) SN: 2328 SN: 789	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03243) 05-Oct-20 (No. ER3-2328_Oct20) 23-Dec-20 (No. DAE4-789_Dec20)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Apr-22 Ocl-21 Doc-21
Calibration Equipment used (M Primary Stundards Power entex: NRP Power sensor NRP-Z91 Power sensor NRP-Z91 Reference 20 dB Altenuator Reference Probe ER3DV6 DAE4 Secondary Standards Power meter E44198 Power sensor E4412A	ID ID ID SN: 104778 SN: 103244 SN: 103244 SN: 013245 SN: CC2552 (20x) SN: 788 SN: 788 ID SN: GB41293874 SN: NK141496087 SN: M141460087	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0282) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03243) 09-Oct-20 (No. ER3-2328 Oct20) 23-Dec-20 (No. DAE4-789_Dec20) Check Date (in house)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Apr-22 Ocl-21 Dec-21 Scheduled Chack
Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Reference 20 al SAtunuator Reference Probe ER3DV6 DAE4 Secondary Standards Power meter E44198 Power sensor E4412A Power sensor E4412A	ATE critical for calibration) ID ID SN: 10245 SN: 103245 SN: 00245 SN: 00245 SN: 02245 SN: 789 ID SN: G841293874 SN: G841293874 SN: G841293874 SN: MY4469087 SN: 001010	Cal Date (Certificate No.) 09-Apr-21 (No. 217-052910282) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03243) 09-Apr-21 (No. 217-03343) 09-Oct-20 (No. 21A-23345) 23-Dec-20 (No. 2A4-789_Dec20) 23-Dec-20 (No. DA4-789_Dec20) 24-Dec-20 (No. DA4-789_Dec20) Check Date (in house) 06-Apr-16 (in house heck Jun-20)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Oct-21 Dec-21 Scheduled Check In house check: Jun-22
Calibration Equipment used (M Primary Standards Power meter NRP- Power sensor NRP-291 Power sensor NRP-291 Reference 20 48 Allemater Reference 20 48 Allemater Reference Probe ER3DV8 DAE4 Secondary Standards Power sensor E44198 Power sensor E44198 Power sensor E4412A RF generator HP 8480C	ID ID ID SN: 104778 SN: 10244 SN: 10244 SN: 00244 SN: 00245 SN: 2328 SN: 789 ID SN: 0641293874 SN: WY41498087 SN: 00110210 SN: SK-200110210 SN: SK-20017000	Cal Date (Certificate No.) 09-Apr-21 (No. 217-032910292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03343) 05-Oct-20 (No. ER3-2328, Oct-20) 23-Dec-20 (No. DAE-4-789_Dec-20) Check Date (in house) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Ool-21 Dec-21 Scheduled Check In house check: Jun-22 In house check: Jun-22 In house check: Jun-22
Cellbration Equipment used (W Primary Standards Power metor MR/ Power sensor NRP-201 Reference 20 d8 Altenuator Reference Probe ER3DV6 DAE4 Secondary Standards Power meter E44198 Power sensor E4412A Power sensor E4412A	ATE critical for calibration) ID ID SN: 10245 SN: 103245 SN: 00245 SN: 00245 SN: 02245 SN: 789 ID SN: G841293874 SN: G841293874 SN: G841293874 SN: MY4469087 SN: 001010	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03243) 05-Oct-20 (No. ER3-2328, Oct20) 23-Dec-20 (No. DAE4-789_Dec20) Check Date (in house of the house) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20)	Scheduled Calibration Apr:22 Apr:22 Apr:22 Ock-21 Deo:21 Scheduled Check In house check: Jun-22 In house check: Jun-22 In house check: Jun-22
Calibration Equipment used (M Primary Standards Power meter NRP Power meter NRP Power sensor NRP-291 Reference 20 ab Altonualor Reference Probe ER3DV6 DR-4 Secondary Standards Power meter E4198 Power sensor E412A Power sensor E412A RF generator HP 8848C Network Analyzer E8358A	ATE critical for calibration) ID ID SN: 104778 SN: 103245 SN: 103245 SN: 02326 SN: 22326 SN: 728 ID SN: C6841293874 SN: MY4408077 SN: MY41080477 Name	Cal Date (Certificate No.) 09-Apr-21 (No. 217-032910292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03292) 09-Apr-20 (No. 217-03292) 23-Dec-20 (No. 217-03292) Check Date (in house) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20) 08-Apr-16 (in house check Jun-20) 31-Mar-14 (in house check Jun-20) 31-Mar-14 (in house check Jun-20) 31-Mar-14 (in house check Jun-20) Function	Scheduled Calibration Apr-22 Apr-22 Apr-22 Ocl-21 Doc-21 Scheduld Chitek In house check: Jun-22 In house check: Jun-22 In house check: Jun-22 In house check: Jun-22
Calibration Equipment used (M Primary Standards Power mater NRP- Power answor NRP-291 Reference 20 at Statunator Reference Probe ER3DV6 DR-4 Secondary Standards Power meter E4198 Power sensor E4412A Power sensor E4412A Regionerator HP 8848C Reference HP 8848C Network Analyzer EB358A	ID ID ID SN: 104778 SN: 10244 SN: 10244 SN: 00244 SN: 00245 SN: 02245 SN: 02245 SN: 02245 SN: 02245 SN: 02245 SN: 0245 SN: 0245 SN: 0245 SN: 0541293874 SN: NV41498087 SN: 050110210 SN: US41080477	Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291/0292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03243) 05-Oct-20 (No. ER3-2328_Oct20) 25-Dec-20 (No. ER3-2328_Oct20) 05-Apr-16 (in house) 06-Apr-16 (in house) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20) 31-Mar-14 (in house check Oct-20)	Scheduled Calibration Apr-22 Apr-22 Apr-22 Oct-21 Doc-21 Scheduled Check In house check: Jun-22 In house check: Jun-22
Calibration Equipment used (M Primary Standards Power entor NRP-291 Power sensor NRP-291 Power sensor NRP-291 Reference 20 48 Altenuator Reference 20 48 Altenuator Reference Probe ER3DV8 DAE4 Secondary Standards Power sensor E44198 Power sensor E4419A Power sensor E4412A RF generator MP 8480C	ATE critical for calibration) ID ID SN: 104778 SN: 103245 SN: 103245 SN: 02326 SN: 22326 SN: 728 ID SN: C6841293874 SN: MY4408077 SN: MY41080477 Name	Cal Date (Certificate No.) 09-Apr-21 (No. 217-032910292) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03292) 09-Apr-21 (No. 217-03292) 09-Apr-20 (No. 217-03292) 23-Dec-20 (No. 217-03292) Check Date (in house) 06-Apr-16 (in house check Jun-20) 06-Apr-16 (in house check Jun-20) 08-Apr-16 (in house check Jun-20) 31-Mar-14 (in house check Jun-20) 31-Mar-14 (in house check Jun-20) 31-Mar-14 (in house check Jun-20) Function	Scheduled Calibration Apr-22 Apr-22 Apr-22 Oct-21 Doc-21 Scheduled Check In house check: Jun-22 In house check: Jun-22

Certificate No: EUmmWV4-9579_Oct21

Page 1 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 45 of 62

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



Schweizerischer Kalibrierdienst Service suisse d'étalonnage 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 CI

Glossary:	
NORMx,y,z	sensitivity in free space
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 9	9 rotation around an axis that is in the plane normal to probe axis (at measurement center) i.e., 9 = 0 is normal to probe axis
Connector Angle Sensor Angles	information used in DASY system to align probe sensor X to the robot coordinate system sensor deviation from the probe axis, used to calculate the field orientation and polarization is the une proposed disorder.

Calibration is Performed According to the Following Standards:

IEEE Std 1309-2005, "IEEE Standard for calibration of electromagnetic field sensors and probes, excluding antennas, from 9 kHz to 40 GHz", December 2005

Methods Applied and Interpretation of Parameters:

- NORMAY, zr. Assessed for E-field polarization $\vartheta = 0$ for XY sensors and $\vartheta = 90$ for Z sensor (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). For frequencies > 6 GHz, the far field in front of waveguide horn antennas is measured for a set of frequencies in various waveguide bands up to 110 GHz.
- elitements is measured for a det or requerised on request varies of the order of th
- PAR: PAR is the Peak to Average Ratio that is not calibrated but determined based on the signal characteristics
- characteristics The frequency sensor model parameters are determined prior to calibration based on a frequency sweep (sensor model involving resistors R, R_p, inductance L and capacitors C, C_p). $A_{X,Y,Z}$ $B_{X,Y,Z}$ $(X_{Y,Y,Z}, D_{X,Y,Z}, VK_{X,Y,Z}, A, B, C, D are numerical linearization parameters assessed based$ the data of power sweep for specific modulation signal. The parameters do not depend on frequency normedia. VR is the maximum calibration range expressed in RMS voltage across the diode.Score of Circle The carece of feed are compared to the extension of the carbon of thesessed based on
- Sensor Offset: The sensor offset corresponds to the mechanical 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).
- Equivalent Sensor Angle: The two probe sensors are mounted in the same plane at different angles. The angles are assessed using the information gained by determining the NORMs (no uncertainty required).
 Spherical (sortrop) (2D divisition from isotropy): In a locally homogeneous field realized using an open waveguide / horn setup.

Certificate No; EUmmWV4-9579_Oct21

Page 2 of 19

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EUmmWV4 - SN: 9579

Papie Collibration Deservation

October 06, 2021

DASY - Parameters of Probe: EUmmWV4 - SN:9579

		Unc (k=2)	
0.02070	0.02095	± 10.1 %	
106.0	105.0		
-61.2	35.2		
requency Response (750) MHz – 110 GHz)		
Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k=2) dB	
-0.31	-0.27	± 0.43 dB	
0.01	0.03	± 0.43 dB	
0.05	0.07	± 0.43 dB	
0.06	0.08	± 0.43 dB	
0.04	0.04	± 0.43 dB	
0.22	0.25	± 0.43 dB	
0.24	0.24	± 0.43 dB	
-0.40	-0.33	± 0.98 dB	
-0.35	-0.52	± 0.98 dB	
-0.10	-0.06	± 0.98 dB	
-0.02	-0.40	± 0.98 dB	
-0.18	0.13	± 0.98 dB	
-0.27	-0.11	± 0.98 dB	
0.08	0.03	± 0.98 dB	
-0.14	0.07	± 0.98 dB	
-0.13	-0.11	± 0.98 dB	
-0.20	-0.25	± 0.98 dB	
0.35	0.14	± 0.98 dB	
-0.21	-0.19	± 0.98 dB	
-0.21	-0.08	± 0.98 dB	
-0.19	-0.22	± 0.98 dB	
-0.20	-0.25	± 0.98 dB	
-0.20	-0.27	± 0.98 dB	
0.21	0.26	± 0.98 dB	
-0.08	-0.06	± 0.98 dB	
0.00	0.01	± 0.98 dB	
-0.21	-0.28	± 0.98 dB	
-0.31	-0.31	± 0.98 dB	
		± 0.98 dB	
y o	-0.09 -0.11 0.15 0.08 f measurement is stated	-0.09 -0.08 -0.11 -0.12 0.15 0.16	

^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: EUmmWV4-9579_Oct21

Page 3 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 47 of 62

EUmmWV4 - SN: 9579

October 06, 2021

DASY - Parameters of Probe: EUmmWV4 - SN:9579

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	149.7	± 3.3 %	± 4.7 %
-	1 ¹	Y	0.00	0.00	1.00		72.1		
10352-	Pulse Waveform (200Hz, 10%)	X	2.98	60.00	14.61	10.00	6.0	±0.9%	± 9.6 %
AAA	and the second second second second second	Y	2.11	60.00	15.79		6.0		
10353-	Pulse Waveform (200Hz, 20%)	X	2.27	60.97	13.77	6.99	12.0	± 1.1 %	± 9.6 %
AAA		Y	1.44	60.00	14.83		12.0		
10354-	Pulse Waveform (200Hz, 40%)	X	1.50	62.13	13.00	3.98	23.0	±1.5%	± 9.6 %
AAA		Y	0.87	60.00	13.71		23.0		
10355-	Pulse Waveform (200Hz, 60%)	aveform (200Hz, 60%) X 0.73 60.00 11.44	2.22	27.0	±1.2%	± 9.6 %			
AAA		Y	0.56	60.00	12.88		27.0		
10387-	QPSK Waveform, 1 MHz	X	1.29	60.00	12.46	1.00 22.0	22.0	±1.1% ±9	± 9.6 %
AAA		Y	1.17	60.00	12.56		22.0		2 0.0 %
10388-	QPSK Waveform, 10 MHz	X	1.28	60.00	12.06	0.00	22.0	± 0.6 %	± 9.6 %
AAA	and the second	Y	1.26	60.00	12.36		22.0		1 0.0 /0
10396-	64-QAM Waveform, 100 kHz	X	3.34	65.10	15.75	3.01	17.0	±1.0 %	± 9.6 %
AAA		Y	3.31	64.78	15.66		17.0		2 0,0 /
10399-	64-QAM Waveform, 40 MHz	X	2.10	60.00	12.49	0.00	19.0	±0.9 %	± 9.6 %
AAA		Y	1.98	60.00	12.83		19.0		- 5.0 10
10414-	WLAN CCDF, 64-QAM, 40MHz	X	3.42	60.44	13.08	0.00	12.0	±1.1%	± 9.6 %
AAA		Y	2.98	60.00	13.26		12.0		- 5.0 1

Calibration Results for Linearity Response

Frequency GHz	Target E-Field V/m	Deviation Sensor X dB	Deviation Sensor Y dB	Unc (k=2) dB
0.9	50.0	-0.12	0.13	± 0.2 dB
0.9	100.0	-0.14	0.13	± 0.2 dB
0.9	500.0	0.02	0.03	± 0.2 dB
0.9	1000.0	0.05	0.05	± 0.2 dB
0.9	1500.0	0.02	0.04	± 0.2 dB
0.9	2000.0	0.02	0.03	± 0.2 dB

Sensor Frequency Model Parameters (750 MHz - 55 GHz)

	Jensol A	Sensor 1
R (Ω)	79.90	76.03
$R_{p}(\Omega)$	90.68	93.76
L (nH)	0.10119	0.09044
C (pF) C _p (pF)	0.3020	0.3408
$C_p(pF)$	0.0857	0.0839

Sensor Frequency Model Parameters (55 GHz - 110 GHz)

R (Ω)	28.09	30.62
R _p (Ω)	97.77	96.78
L (nH)	0.04176	0.03934
C (pF)	0.1389	0.1615
C _p (pF)	0.1160	0.1154

Certificate No: EUmmWV4-9579_Oct21

Page 4 of 19

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October 06, 2021

EUmmWV4 - SN: 9579

DASY - Parameters of Probe: EUmmWV4 - SN:9579

	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V-2	T5 V-1	Т6
Х	68.4	496.41	33.71	0.92	7.66	4.98	0.00	1.86	1.01
Y	52.0	372.52	33.12	0.92	5.93	5.02	2.00	2.00	1.00

Sensor Arrangement	Rectangular
Connector Angle (°)	70.6
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	320 mm
Probe Body Diameter	8 mm
Tip Length	23 mm
Tip Diameter	8.0 mm
Probe Tip to Sensor X Calibration Point	1.5 mm
Probe Tip to Sensor Y Calibration Point	1.5 mm

Certificate No: EUmmWV4-9579_Oct21

Page 5 of 19

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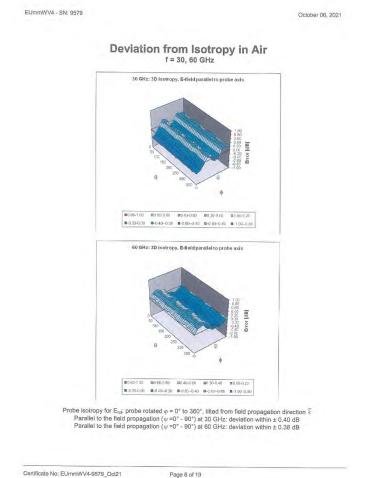
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Page 6 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 50 of 62

JID	Rev	odulation Calibration Parameters	Group	PAR	Unc
	1101	Some mane and a system mane	Group	(dB)	(k=2
0	-	CW	CW	0.00	± 4.7
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 9
10012	CAB	IEEE 802.11b WIFI 2.4 GHz (DSSS. 1 Mbps)	WLAN	1.87	± 9.6 9
10013	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 9
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 9
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 9
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 9
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	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	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 9
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	Bluetooth	1.87	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	1.16	± 9.6 %
10033	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth		± 9.6 9
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	7.74	
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)		4.53	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	3.83	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.77	± 9.6 %
10038	CAB	CDMA2000 (1xRTT, RC1)	Bluetooth	4.10	± 9.6 %
10039	CAB		CDMA2000	4.57	± 9.6 %
10042	CAA	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate) IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	7.78	±9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	AMPS	0.00	± 9.6 %
10048	CAA		DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10058	DAC	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	CAB	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060		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	± 9.6 %
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, 9 Mbps)	WLAN	8.63	± 9.6 %
		IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
	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 %
	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g WIFi 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 WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	±9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6 %
10082	CAB	IS-54 / IS-136 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	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	±9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %

Certificate No: EUmmWV4-9579_Oct21

Page 7 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 51 of 62

10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	ITT TOO		1.00
10101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	5.67	± 9.6
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.42	± 9.6
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHZ, 04-0AW)	LTE-FDD	6.60	± 9.6
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.29	± 9.6
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD		± 9.6
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	10.01	± 9.6 ± 9.6
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6
10111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	± 9.6
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6
10114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6
10115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.0
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6
10117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	+ 9.6
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.59	± 9.6
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.20	± 9.6
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 8 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 52 of 62

10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	0.00	
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.52	± 9.6
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	6.50 5.73	± 9.6 °
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 °
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 °
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 °
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 °
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6
10193	CAD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 °
10194	CAD	IEEE 802,11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6
10195	CAD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 9
10196	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6
10197	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6
10198	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 9
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 9
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8,13	± 9.6 9
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 9
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
10226	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9,49	± 9.6 °
10227	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	± 9.6 9
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6 9
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 9
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 9
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 9
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 9
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 9
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 9
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 9
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 9
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 9
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 9
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 9
10246	CAD	LTE-TDD (SC-FDMA, 50% RB. 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 9
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 9
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 9
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 9
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 84-QAM)	LTE-TDD	9.97	± 9.6 %

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Page 9 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 53 of 62

10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9,83	± 9.6
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6
10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	± 9.6
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6
10306	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	14.67	± 9.6
10307	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6
10308	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6
10309	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6
10310	AAA	IEEE 802,16e WIMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WiMAX	14.57	±9.6
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6
10313	AAA	IDEN 1.3	IDEN	10.51	± 9.6
10314	AAA	IDEN 1:6	IDEN	13.48	±9.6
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	±9.6
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6
10317	AAD	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	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
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6
10400	AAE	IEEE 802.11ac WiFI (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6
10401	AAE	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6
10402	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6

Certificale No: EUmmWV4-9579_Oct21

Page 10 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 54 of 62

10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN	1.54	± 9.6
10416	AAA	IEEE 802.11g WiFI 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6
10417	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6
10419	AAA	IEEE 802.11g WIFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6
10422	AAC	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6
	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	8.41	± 9.6
10426	AAC	IEEE 802,11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6
10427	AAC	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3,1)	LTE-FDD	8.38	± 9.6
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6
10433		LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6
10434		W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6
10435		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	-
10448	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6
10449	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.53	
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)			± 9.6
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	LTE-FDD	7.48	± 9.6
10453	AAD	Validation (Square, 10ms, 1ms)	WCDMA	7.59	± 9.6
10456	AAC	IEEE 802,11ac WiFi (160MHz, 64-QAM, 99oc dc)	Test	10.00	± 9.6
10457	AAA	UMTS-FDD (DC-HSDPA)	WLAN	8.63	± 9.6
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	WCDMA	6.62	± 9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers) CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	6.55	± 9.6
10459	AAA		CDMA2000	8.25	± 9.6
10460		UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6
		LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	±9.6
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL, Sub)	LTE-TDD	8.57	±9.6
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 11 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 55 of 62

10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LITE TOD	0.04	1.00
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 18-QAM, UL Sub) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TOD	8,31	± 9.6
10491	AAE	LTE-TDD (SC-FDMA, 60% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	8.54	± 9.6
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	7.74	± 9.6
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.41	± 9.6
10494		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	8.55	± 9.6
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, GPSK, 0L S06) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	7.74	± 9.6
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-0AM, 0L Sub)	LTE-TDD	8.37	± 9.6
10497	AAB	LTE-TDD (SC-FDMA, 30% RB, 20 MHz, 64-QAM, 0L Sub) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	8.54	± 9.6
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 0FSR, 0L Sub)	LTE-TDD	7.67	± 9.6
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	± 9.6
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	8.68	\$ 9.6
10501	AAC		LTE-TDD	7.67	± 9.6
10502		LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6
		LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.36	± 9.6
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	± 9.6
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6
10518	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8,23	± 9.6
10519	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6
10520	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	± 9.6
10521	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6
10522	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6
10523	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6
10524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6
10527	AAC	IEEE 802.11ac WiFI (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6
10531	AAC	IEEE 802.11ac WiFI (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6
10532	AAC	IEEE 802.11ac WiFI (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCSB, 99pc dc)	WLAN		-
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.38	± 9.6
10535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN		-
10536	AAC	IEEE 802.11ac WiFI (40MHz, MCS2, 99pc dc)	WLAN	8.45	± 9.6
10537	AAC	IEEE 802.11ac WiFI (40MHz, MCS3, 99pc dc)		8.32	± 9.6
10538	AAC	IEEE 802.11ac WIFI (40MHz, MCS4, 99pc dc)	WLAN	8.44	±9.6
10540	AAC	IEEE 802.11ac WiFI (40MHz, MCS4, 99pc dc)	and the second se	8.54	± 9.6
10541	AAC	IEEE 802.11ac WiFI (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6
10542	AAC	IEEE 802.11ac WiFI (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6
10542			WLAN	8.65	± 9.6
10543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6
10544	AAC	IEEE 802.11ac WIFI (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6
	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6
10546	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 12 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 56 of 62

10547	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	1.00
10548	AAC	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.49	± 9.6
10550	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN		
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.39 8.50	± 9.6 ± 9.6
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	± 9.6
10553	AAC	IEEE 802.11ac WIFI (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6
10554	AAD	IEEE 802.11ac WIFI (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6
10555	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6
10556	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	± 9.6
10557	AAD	IEEE 802.11ac WIFI (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6
10560	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6
10561	AAD	IEEE 802.11ac WIFI (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6
10562	AAD	IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6
10563	AAD	IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-DFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	± 9.6
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	± 9.6
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8,10	± 9.6
10570	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	8.30	± 9.6
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.99	± 9.6
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6
10578	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8,76	± 9.6
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6
10583	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6
10584	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6
10585	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6
10586	AAC	IEEE 802.11a/h WiFI 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6
10587	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6
10588	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6
10589	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6
10590	AAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6
10591	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)	WLAN	8.63	± 9.6
10592	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6
10593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6
10594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6
10595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6
10596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6
10597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6
10598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6
10599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6
10600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6
10601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6
10602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6
10603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6
10604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 13 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 57 of 62

10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6
10606	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6
10607	AAC	IEEE 802.11ac WiFI (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6
10608	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6
10609	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6
10610	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6
10611	AAC	IEEE 802.11ac WIFI (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6
10612	AAC	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN		
10613	AAC	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.77	± 9.0
10614	AAC	IEEE 802.11ac WiFI (20MHz, MCS7, 90pc dc)	WLAN	8.94 8.59	± 9.6
10615	AAC	IEEE 802.11ac WiFI (20MHz, MCS8, 90pc dc)	WLAN		
10616	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6
10617	AAC	IEEE 802.11ac WiFI (40MHz, MCS1, 90pc dc)		8.82	± 9.0
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.81	± 9.6
10619	AAC	IEEE 802.11ac WIFI (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6
10620			WLAN	8.86	± 9.0
	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6
10623	AAC	IEEE 802.11ac WIFI (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6
10625	AAC	IEEE 802,11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6
10626	AAC	IEEE 802.11ac WiFI (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6
10627	AAC	IEEE 802.11ac WIFI (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.0
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6
10630	AAC	IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6
10631	AAC	IEEE 802.11ac WiFI (80MHz; MCS5, 90pc dc)	WLAN	8.81	± 9.0
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.0
10634	AAC	IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.0
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9,0
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.0
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.0
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN		
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.85	± 9.0
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)		8.98	± 9.6
10642	AAD	IEEE 802.11ac WiFI (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	9.06	± 9.6
10644	AAD	IEEE 802.11ac WIFI (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6
10645	AAD	IEEE 802.11ac WiFI (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.0
10646	AAG		WLAN	9.11	± 9.6
		LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6
10648	AAA	CDMA2000 (1x Advanced)	CDMA2000	3.45	± 9.6
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91	± 9.6
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	±9.6
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6
10658	AAA.	Pulse Waveform (200Hz, 10%)	Test	10.00	± 9.6
10659	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6
10660	AAA	Pulse Waveform (200Hz, 40%)	Test	3.98	± 9.6
10661	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6
10670	AAA	Bluetooth Low Energy	Bluetooth	2.19	± 9.6
10671	AAC	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6
10672	AAC	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 14 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 58 of 62

	1	True the	IEEE 002 Mary (00MM/s MOOD DD 44)	AAC	10673
± 9.6	8.78	WLAN	IEEE 802.11ax (20MHz, MCS2, 90pc dc)		
± 9.6	8.74	WLAN	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	AAC	
± 9.6	8.90	WLAN	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	AAC	
± 9.6	8.77	WLAN	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	AAC	
± 9.6	8.73	WLAN	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	AAC	
± 9.6	8.78	WLAN	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	AAC	
± 9.6	8.89	WLAN	IEEE 802.11ax (20MHz, MCS8, 90pc dc) IEEE 802.11ax (20MHz, MCS9, 90pc dc)	AAC	
± 9.6	8.80	WLAN		AAC	
± 9.6	8.62	WLAN	IEEE 802.11ax (20MHz, MCS10, 90pc dc) IEEE 802.11ax (20MHz, MCS11, 90pc dc)	AAC	
± 9.6	8.83	WLAN		AAC	
± 9.6	8.42	WLAN	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	AAC	
± 9.6	8.26	WLAN	IEEE 802,11ax (20MHz, MCS1, 99pc dc)	AAC	
± 9.6	8.33	WLAN	IEEE 802.11ax (20MHz, MCS2, 99pc dc)		
± 9.6	8.28	WLAN	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	AAC	
± 9.6	8.45	WLAN	IEEE 802.11ax (20MHz, MCS4, 99pc dc)		
± 9.6	8.29	WLAN	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	AAC	
± 9.6	8.55	WLAN	IEEE 802,11ax (20MHz, MCS6, 99pc dc)	AAC	
± 9.6	8.29	WLAN	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	AAC	
± 9.6	8.25	WLAN	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	AAC	10691
± 9.6	8.29	WLAN	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	AAC	
± 9.6	8.25	WLAN	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	AAC	
± 9.6	8.57	WLAN	IEEE 802.11ax (20MHz, MGS11, 99pc dc)	AAC	
± 9.6	8.78	WLAN	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	AAC	10695
± 9.6	8.91	WLAN	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	AAC	
± 9.8	8.61	WLAN	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	AAC	
± 9.6	8.89	WLAN	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	AAC	
± 9.6	8.82	WLAN	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	AAC	10699
± 9.6	8.73	WLAN	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	AAC	
± 9.6	8.86	WLAN	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	AAC	10701
± 9.6	8.70	WLAN	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	AAC	
± 9.6	8.82	WLAN	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	AAC	10703
± 9.6	8.56	WLAN	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	AAC	
± 9.6	8.69	WLAN	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	AAC	
± 9.6	8.66	WLAN	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	AAC	
± 9.6	8.32	WLAN	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	AAC	10707
± 9.6	8.55	WLAN	JEEE 802.11ax (40MHz, MCS1, 99pc dc)	AAC	
± 9.6	8.33	WLAN	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	AAC	10709
± 9.6	8.29	WLAN	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	AAC	
± 9.6	8.39	WLAN	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	AAC	10711
± 9.6	8.67	WLAN	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	AAC	
± 9.6	8.33	WLAN	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	AAC	10713
± 9.6	8.26	WLAN	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	AAC	
± 9.6	8.45	WLAN	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	AAC	
± 9.6	8.30	WLAN	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	AAC	
± 9.6	8.48	WLAN	JEEE 802.11ax (40MHz, MCS10, 99pc dc)	AAC	
± 9.6	8.24	WLAN	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	AAC	
± 9.6	8.81	WLAN	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	AAC	
± 9.6	8.87	WLAN	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	AAC	10720
± 9.6	8.76	WLAN	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	AAC	10721
± 9.6	8.55	WLAN	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	AAC	10722
± 9.6	8.70	WLAN	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	AAC	10723
± 9.6	8.90	WLAN	1EEE 802.11ax (80MHz, MCS5, 90pc dc)	AAC	10724
± 9.6	8.74	WLAN	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	AAC	10725
± 9,6	8.72	WLAN	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	AAC	10726
± 9.6	8.66	WLAN	IEEE 802,11ax (80MHz, MCS8, 90pc dc)	AAC	10727
± 9.6	8.65	WLAN	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	AAC	10728

Certificate No: EUmmWV4-9579_Oct21

Page 15 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 59 of 62

HUILINA A	4 - SN:	9579		Octob	er 06, 2
10729	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	100 454	Lass	1.00
10730	AAC	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	B.64	± 9.6
10731	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.67	±9.6
10732	AAC	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.46	± 9,6
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.40	± 9.6
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc 6c)	WLAN	8.25	± 9,6
10736	AAC	IEEE 802.11ax (80MHz, MCS4, 89pc dc)	WLAN	8.33	± 9.6
10737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.27	± 9.6
10738	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6
10739	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc 6c)	WLAN	8.42	± 9.6
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6
10740	AAC		WLAN	8.48	± 9,6
10741		IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6
		IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6
10744		IEEE 802,11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN.	9.11	± 9.6
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9,6
10748	AAC:	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.0
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9,6
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6
10751	AAC	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	±9.6
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9,6
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9,6
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6
10759	AAC	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	±9.6
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6
10765		IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6
10769	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6
10770	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6
10771	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6
10772	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6
10773	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6
10774	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6
10775	AAD	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6
10776	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6
10778	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6
10779	AAC	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6
10780	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6
10781	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6
10782	AAD	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6
10783	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6
10784		5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 16 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 60 of 62

10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	FOND FOLTOD	0.40	1.00
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.40	± 9.6
10787	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	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	8.39	± 9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	-
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	7.89	± 9.6
10799	AAD	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6
10801	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6
10802	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6
10803	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6
10805	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6
10809	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
10810	AAD	5G NR (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)	5G NR FR1 TDD	8.35	± 9.6
10817	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6
10818	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
10819	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6
10820	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6
10821	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6
10822	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 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	5G 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	± 9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6
10840	AAD	5G NR (CP-OFDM. 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6
10841	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6
10846	AAD	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6
10854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	8.34	± 9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6
10856	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	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	AAD	5G 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	8.34	± 9.6
10860	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 17 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 61 of 62

10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.0
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10868	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6
10869	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6
10871	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6
10872	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.52	± 9.6
10873	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	6.61	± 9.6
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6
10875	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)			± 9.6
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	8.39	± 9.6
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 KHz)		7.95	± 9.6
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.41	± 9.6
10880	AAD	5G NR (CP-0FDM, 120 KHz) 5G NR (CP-0FDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.12	± 9.6
10880	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6
10883	AAD		5G NR FR2 TDD	5.96	± 9.6
10884	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz) 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6
10885			5G NR FR2 TDD	6.53	± 9.6
10886	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 640AM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6
10887	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 640AM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6
10887		5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6
10889 10890	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6
10897	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6
10898	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	±9.6
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10903	AAB	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10904	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10906	AAB	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10907	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6
10908	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6
10910	AAB	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6
10911	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10913	AAB	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	±9.6
10915	AAB	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6
10918	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6
10919	AAB	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6
10920	AAB	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6
10921	AAB	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10922	AAB	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6

Certificate No: EUmmWV4-9579_Oct21

Page 18 of 19

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Report No: E5/2021/C0005 Rev: 01 Page: 62 of 62

± 9.6	5.84	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	AAB	10923
± 9.6	5.84	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	AAB	10924
± 9.6	5.95	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	AAB	10925
± 9.6	5.84	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	AAB	10926
1 9.6	5.94	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	AAB	10927
± 9.6	5.52	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	AAC	10928
± 9.6	5.52	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	AAC	10929
± 9.6	5.52	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	AAC	10930
± 9.6	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	AAC	10931
± 9.6	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	AAC	10932
± 9.6	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	AAC	10933
± 9.6	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	AAC	10934
± 9.6	5.51	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	AAD	10935
± 9.6	5.90	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	AAC	10936
± 9.6		5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	AAC	10937
	5.77		5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	AAC	10938
± 9.6	5.90	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	AAC	10939
± 9.6	5.82	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	AAC	10940
± 9.6	5.89	5G NR FR1 FDD	5G NR (DFT-S-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz) 5G NR (DFT-S-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	AAC	10941
± 9.6	5.83	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 KHz) 5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	AAC	10942
± 9.6	5.85	5G NR FR1 FDD		AAD	10943
± 9.6	5.95	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	AAC	10943
± 9.6	5.81	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	AAC	10945
± 9.6	5.85	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	AAC	10945
± 9.6	5.83	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	AAC	10946
± 9.6	5.87	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)		
± 9.6	5.94	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	AAC	10948
± 9.6	5.87	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	AAC	10949
± 9.6	5.94	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	AAC	10950
± 9.6	5.92	5G NR FR1 FDD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	AAD	10951
± 9.6	8.25	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	AAA	10952
± 9.6	8.15	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	AAA	10953
± 9,6	8.23	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	AAA	10954
± 9.6	8.42	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	AAA	10955
± 9.6	8.14	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	AAA	10956
± 9.6	8.31	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	AAA	10957
± 9.6	8.61	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	AAA	10958
± 9.6	8.33	5G NR FR1 FDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	AAA	10959
± 9.6	9.32	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	AAC	10960
± 9.6	9.36	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	AAB	10961
± 9.6	9.40	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	AAB	10962
± 9.6	9.55	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	AAB	10963
± 9.6	9.29	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	AAC	10964
± 9,6	9.37	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	AAB	10965
±9.6	9.55	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 84-QAM, 30 kHz)	AAB	10966
± 9.6	9.42	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	AAB	10967
±9.6	9.49	5G NR FR1 TDD	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	AAB	10968
± 9.6	11.59	5G NR FR1 TDD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	AAB	10972
±9.6	9.06	5G NR FR1 TDD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	AAB	10973
± 9.6	10.28	5G NR FR1 TDD	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	AAB	10974
± 9.6	2.23	ULLA	ULLA BDR	AAA	10978
± 9.6	7.02	ULLA	ULLA HDR4	AAA	10979
± 9.6	8.82	ULLA	ULLA HDR8	AAA	10980
± 9.6	1.50	ULLA	ULLA HDRp4	AAA	10981
± 9.6	1.44	ULLA	ULLA HDRp8	AAA	10982

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Page 19 of 19

- End of report -

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