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Appendix B - DAE & Probe Calibration Certificate

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ccredited by the Swiss Accredits he Swiss Accreditation Servic fulfillateral Agreement for the n	e is one of the signatories	to the EA	No.: SCS 0108
fient SGS-TW (Aude	en)	Certificate No.	DAE4-1665_Mar21
CALIBRATION	CERTIFICATE		
Object	DAE4 - SD 000 D	04 BO - SN: 1665	
Calibration procedure(s)	QA CAL-06.v30 Calibration proced	lure for the data acquisition elec	tronics (DAE)
Calibration date:	March 01, 2021		
		nal standards, which realize the physical un	
he measurements and the unce	rtainties with confidence pro sted in the closed laboratory	nal standards, which realize the physical unbability are given on the following pages an facility; environment temperature (22 \pm 3) $^{\circ}$ 4	d are part of the certificate.
he measurements and the unce all calibrations have been condu- calibration Equipment used (M& trimary Standards	retainties with confidence proceed in the closed faboratory TE critical for calibration) ID #	hability are given on the following pages ar facility; environment temperature (22 \pm 3)% Cal Date (Certificate No.)	d are part of the certificate. 2 and humidity < 70%. Scheduled Calibration
he measurements and the unce ill calibrations have been condu- calibration Equipment used (M& trimary Standards eithley Multimeter Type 2001	rtainties with confidence proceed in the closed laboratory TE critical for calibration) ID # SN: 0810278	bability are given on the following pages an facility; environment temperature (22 ± 3)*4 Cal Date (Certificate No.) 07-Sep-20 (No.28647)	d are part of the certificate. 2 and humidity < 70%. Scheduled Calibration Sep-21
The measurements and the unce all calibrations have been condu- calibration Equipment used (M& Primary Standards Cethiley Multimeter Type 2001 Secondary Standards	rtainties with confidence pro- cted in the closed laboratory TE critical for calibration) ID # SN: 0810278 ID #	bability are given on the following pages an facility; environment temperature (22 ± 3)*4 Cai Date (Certificate No.) 07-8ep-20 (No.26647) Check Date (in house)	d are part of the certificate. 2 and humidity < 70%. Scheduled Calibration Sep-21 Scheduled Check
The measurements and the unce All calibrations have been condu- calibration Equipment used (M& Primary Standards Secondary Standards Auto DAE Calibration Unit	retainties with confidence proceed in the closed laboratory TE critical for calibration) ID # SN: 0810278 ID # SE UWS 053 AA 1001	bability are given on the following pages an facility; environment temperature (22 ± 3)*4 Cal Date (Certificate No.) 07-Sep-20 (No.28647)	d are part of the certificate. 2 and humidity < 70%. Scheduled Calibration Sep-21
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The measurements and the unce All calibrations have been condu- calibration Equipment used (M&* Primary Standards Celthley Multimeter Type 2001 Secondary Standards Auto DAE Calibration Unit Celibrator Box V2.1	retainties with confidence proceed in the closed laboratory TE critical for calibration) ID # SN: 0810278 ID # SE UWS 053 AA 1001	bability are given on the following pages an facility; environment temperature (22 ± 3) rd Cal Date (Certificate No.) 97-Sep-20 (No-28847) Check Date (in house) 97-Jan-21 (in house check)	d are part of the certificate. 2 and humidity < 70%. Scheduled Calibration Sep-21 Scheduled Check In house check: Jan-22
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Calibration Laboratory of Schmid & Partner
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Zeughausstrasse 43, 8004 Zurich, Switzerlan





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Accreditation No.: SCS 0108

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
 - Common mode sensitivity: Influence of a positive or negative common mode voltage on
- Channel separation: Influence of a voltage on the neighbor channels not subject to an
- 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

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DC Voltage Measurement
A/D - Converter Resolution non
High Range 1LSB
Low Range 1LSB High Range 1LSB = 6.1µV, full range = -100,...+300 mV
Low Range 1LSB = 61nV, full range = -1......+3mV
DASY measurement parameters: Auto Zero Time; 3 sec; Measuring time; 3 sec

Calibration Factors	X	Y	Z
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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Appendix (Additional assessments outside the scope of SCS0108)

1. DC Voltage Linearity

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

2. Common mode sensitivity

	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

neters: Auto Zero Time: 3 sec; Measuring time: 3 sec

	Input Voltage (mV)	Channel X (µV)	Channel Y (µV)	Channel Z (µV)
Channel X	200	- 54	0.59	-2.26
Channel Y	200	4.96	100	2.08
Channel Z	200	8.67	2.37	

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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

Input Offset Measurement
 DASY measurement parameters: Auto Zero Tirne: 3 sec; Measuring time: 3 sec long t 1MO

	Average (μV)	min. Offset (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

cuitry offset current on all channels: <25fA

7. Input Resistance (Typical values for information)

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

B. Low Battery Alarm Voltage (Typi

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

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

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Accreditation No.: SCS 0108

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Client

Auden

Certificate No: EX3-7375_Dec21

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7375

Calibration procedure(s)

QA CAL-01.v9, QA CAL-14.v6, QA CAL-23.v5, QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date:

December 20, 2021

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

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

Calibration Equipment used (M&TE critical for calibration)

Primary Standards	ID	Cal Date (Certificate No.)	Scheduled Calibration
Power meter NRP	SN: 104778	09-Apr-21 (No. 217-03291/03292)	Apr-22
Power sensor NRP-Z91	SN: 103244	09-Apr-21 (No. 217-03291)	Apr-22
Power sensor NRP-Z91	SN: 103245	09-Apr-21 (No. 217-03292)	Apr-22
Reference 20 dB Attenuator	SN: CC2552 (20x)	09-Apr-21 (No. 217-03343)	Apr-22
DAE4	SN: 660	23-Dec-20 (No. DAE4-660_Dec20)	Dec-21
Reference Probe ES3DV2	SN: 3013	30-Dec-20 (No. ES3-3013_Dec20)	Dec-21
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-20)	In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22

Name Function Laboratory Technician Leif Klysner Calibrated by Niels Kuster Approved by: This calibration certificate shall not be reproduced except in full without written approval of the laboratory

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Glossary:

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

crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters CF A. B. C. D.

φ rotation around probe axis Polarization w

3 rotation around an axis that is in the plane normal to probe axis (at measurement center). Polarization 9

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

Calibration is Performed According to the Following Standards:

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

Methods Applied and Interpretation of Parameters:

- NORMx,y,z: Assessed for E-field polarization 9 = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the E2-field uncertainty inside TSL (see below ConvF).
- NORM(f)x,y,z = NORMx,y,z * frequency_response (see Frequency Response Chart). This linearization is implemented in DASY4 software versions later than 4.2. The uncertainty of the frequency response is included in the stated uncertainty of ConvF.
- DCPx,y,z: DCP are numerical linearization parameters assessed based on the data of power sweep with CW signal (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
- Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z; A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.
- ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for $f \le 800$ MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset. The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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EX3DV4 - SN:7375

December 20, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7375

Basic Calibration Parameters

Jasic Ganbradon i ara	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (µV/(V/m) ²) ^A	0.50	0.43	0.46	± 10.1 %
DCP (mV) ^e	94.9	97.7	97.8	

Calibration Results fo	Modulation Response
------------------------	---------------------

UID	Communication System Name		A dB	B dBõV	C	dB	WR mV	Max dev.	Max Unc [©] (k=2)	
0	CW	X	0.00	0.00	1.00	0.00	135.9	±3.0%	± 4.7 %	
		Y	0.00	0.00	1.00		145.2			
		Z	0.00	0.00	1.00		147.0			
10352	Pulse Waveform (200Hz, 10%)	X	20.00	88.32	18.63	10.00	60.0	±3.0 %	±9.6%	
AAA	I have desired to be a set of the	Y	1.65	61.79	7.39		60.0			
330		Z	16.48	85.69	17.74		60.0			
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	92.39	19.32	6.99	80.0	±2.7 %	±9.6 %	
AAA	, and 1101010111 (4110) 101 11101/	Y	0.78	60.00	5.38		80.0	200		
		Z	20.00	88.77	17.41		80.0			
10354-	Pulse Waveform (200Hz, 40%)	X	2.26	160.00	63.92	3.98	95.0	± 2.4 %	±96%	
AAA	Lange Li Aldamili Factorial Desiry	Y	8.00	70.00	7.00	95.0		95.0		
2.10.00		Z	20 00	90.03	16.40		95.0			
10355-	Pulse Waveform (200Hz, 60%)	X	0.06	60.00	100.00	2.22	120.0	± 2.5 %	±9.6%	
AAA	7 July 114 (2001 81 00 10)	Y	0.30	60.00	2.95		120.0			
		Z	20.00	85.35	13.00		120.0			
10387-	QPSK Waveform, 1 MHz	X	6.25	93.19	27.13	1.00	150.0	±3.7 %	± 9.6 %	
AAA		Y	1.64	68.49	15.60	1000	150.0			
		Z	1.56	66.31	14.74		150.0			
10388-	QPSK Waveform, 10 MHz	X	6.67	89.96	25.82	0.00	150.0	± 3.4 %	± 9.6 %	
AAA	14,40,114,400001427004	Y	2.13	68.49	16.15	1000	150.0	1	-	
		Z	2.10	67.70	15.56	100	150.0	1		
10396-	64-QAM Waveform, 100 kHz	X	4.21	81.73	25.89	3.01	150.0	± 3.2 %	±96%	
AAA	21.20.00.11.20.00.00.00.00.00.00.00.00.00.00.00.00.	Y	1.74	65.29	17.75		150.0		100	
	the second second	2	2.79	70.91	19.23		150.0		100	
10399-	9- 64-QAM Waveform, 40 MHz	X	4.25	71.84	18.94	0.00	150.0	±3.6%	1969	
AAA		Y	3.42	67.17	15.96		150.0		1000	
		Z	3.41	66,91	15.69		150.0			
10414-	WLAN CCDF, 64-QAM, 40MHz	X	5.20	67.54	17.21	0.00	150.0	± 4.3 %	± 9.6 %	
AAA	5,500 5	Y	4,68	65.70	15.71	1 272	150.0	1	1000	
A 2 2 2		Z	4.74	65.50	15.51		150.0			

Note: For details on UID parameters see Appendix

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

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The uncertainties of Norm X,Y,Z do not affect the E²-field uncertainty inside TSL (see Pages 5, 6 and 7).

Numerical linearization parameter: uncertainty not required.

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



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December 20, 2021

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7375

	C1 fF	C2 fF	0 V-1	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V-2	T5 V-1	T6
X	45.2	349.61	38.68	8.25	0.18	5,10	0.00	0.40	1.02
Y	32.3	246.82	37.12	3.79	0.00	4:96	0.00	0.00	1.01
Z	40.2	304.63	36.50	5.70	0.09	5.06	1.19	0.18	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-160.9
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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

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December 20, 2021 EX3DV4-SN:7375

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7375

Calibration Parameter Determined in Head Tissue Simulating Media

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	10.11	10.11	10,11	0.58	0.89	± 12.0 %
835	41.5	0.90	9.85	9.85	9.85	0.60	0.80	± 12.0 %
900	41.5	0.97	9.72	9.72	9.72	0.56	0.80	± 12.0 %
1450	40.5	1,20	8.72	8.72	8.72	0.45	08.0	± 12.0 %
1750	40.1	1.37	8.52	8.52	8.52	0.32	0.86	± 12.0 %
1900	40.0	1.40	8.33	8.33	8.33	0.33	0.86	± 12.0 %
2000	40.0	1.40	8,23	8.23	8.23	0.38	0.86	± 12.0 %
2300	39.5	1.67	7.81	7.81	7.81	0.29	0.90	± 12.0 9
2450	39.2	1.80	7.52	7.52	7.52	0.37	0.90	± 12,0 9
2600	39.0	1.96	7.44	7.44	7.44	0.41	0.90	± 12,0 9
3300	38,2	2.71	7.02	7.02	7.02	0.35	1.30	±13.19
3500	37.9	2.91	6.95	6.95	6.95	0.35	1.30	± 13.1 9
3700	37.7	3,12	6.90	6.90	6.90	0.35	1.30	± 13.1 9
3900	37.5	3.32	6.56	6.56	6.56	0.40	1.60	± 13.1 9
4100	37.2	3.53	6.23	6.23	6.23	0.40	1.60	± 13.1 9
4200	37.1	3.63	6.20	6.20	6.20	0.40	1,60	± 13.1.9
4400	36.9	3.84	6.10	6.10	6.10	0.40	1.70	± 13.1 4
4600	36.7	4,04	6.09	6.09	6.09	0.40	1.70	± 13.1
4800	36.4	4.25	6.05	6.05	6.05	0.40	1.70	±13.1
4950	36.3	4.40	5.75	5.75	5.75	0.40	1.80	± 13.1
5250	35.9	4.71	5.25	5.25	5,25	0.40	1.80	± 13.1 °
5600	35.5	5.07	4.56	4.56	4.56	0.40	1.80	± 13.1
5750	35.4	5.22	4.75	4.75	4.75	0.40	1.80	± 13.1 5

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 validaty below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 126, 150 and 220 MHz respectively. Validity of ConvF assessed at 13 MHz is 4, Above 5 GHz frequency validaty can be extended to ± 110 MHz.

All frequencies below 3 GHz, the validity of tessue parameters (r, and a) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters (r) and a) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated larget Issue parameters.

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

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DASY/EASY - Parameters of Probe: EX3DV4 - SN:7375

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) C	Relative Permittivity F	Conductivity (S/m)	ConvF X	ConvF Y	ConvF Z	Alpha ⁶	Depth (mm)	Unc (k=2)
750	55.5	0.96	10.41	10.41	10.41	0.51	0.80	± 12.0 %
835	55.2	0.97	10.03	10.03	10.03	0.29	1.09	± 12.0 %
900	55.0	1.05	9.95	9.95	9.95	0.36	0.98	± 12.0 %
1450	54.0	1.30	8.82	8.82	8.82	0.41	0.80	± 12.0 %
1750	53.4	1.49	8.54	8.54	8.54	0.44	0.86	± 12.0 %
1900	53.3	1.52	8.35	8.35	8.35	0.36	0.86	± 12.0 %
2000	53.3	1.52	8.00	8.00	8.00	0.35	0.86	± 12.0 %
2300	52.9	1.81	7.77	7.77	7.77	0.51	0.90	± 12.0 %
2450	52.7	1.95	7.61	7,61	7.61	0.51	0,90	± 12.0 %
2600	52.5	2.16	7.44	7.44	7.44	0.46	0.90	± 12.0 %
3300	51.6	3.08	6.97	6.97	6.97	0.40	1.30	± 13.1 9
3500	51.3	3.31	6.90	6.90	6.90	0.40	1.30	± 13.1 9
3700	51.0	3.55	6.60	6.60	6.60	0,40	1.30	± 13.1 9
3900	50.8	3.78	6.40	6.40	6.40	0.40	1,70	± 13.19
4100	50.5	4.01	6.15	6.15	6.15	0.40	1.70	± 13.1.9
4200	50.4	4.13	6.00	6.00	6.00	0.40	1,80	±13.19
4400	50.1	4.37	5,94	5.94	5.94	0.40	1.80	±13.19
4600	49.8	4.60	5.88	5.88	5.88	0,50	1.90	± 13.1 9
4800	49.6	4.83	5.60	5.60	5.60	0.50	1,90	±13.1 9
4950	49.4	5.01	5.07	5.07	5.07	0.50	1.90	± 13.1 9
5250	48.9	5.36	4.65	4.65	4.65	0.50	1.90	± 13.1 5
5600	48,5	5,77	4.03	4.03	4.03	0.50	1.90	±13.1
5750	48.3	5.94	4.19	4.19	4.19	0.50	1.90	± 13.1 %

Erequency 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, 30 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 8 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

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

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

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diameter from the boundary



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December 20, 2021 EX3DV4- SN:7375

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7375

Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) [©]	Relative Permittivity ^F	Conductivity (S/m) F	ConyF X	ConvF Y	ConvF Z	Alpha G	Depth ⁶ (mm)	Unc (k=2)
6500	34.5	6.07	5.50	5.50	5.50	0.20	2.50	± 18.6 %
7000	33.9	6.65	5.45	5.45	5.45	0.25	2,50	± 18.6 %
8000	32.7	7.84	5.40	5.40	5.40	0.50	1.80	± 18.6 %
9000	31.5	9.08	5.35	5.35	5.35	0.50	1.80	± 18.6 %

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E Frequency validity above 6GHz is ± 700 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band.

*At frequencies 6-10 GHz, the validity of tissue parameters (r. and m) can be relaxed to ± 10% if liquid compensation formula is applied to measured SAR values. The uncertainty is the RSS of the ConvF uncertainty for indicated larget lissue parameter.

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



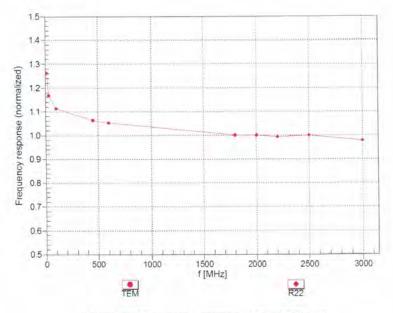
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Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

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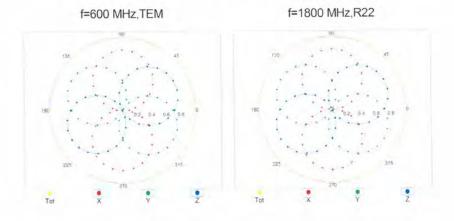


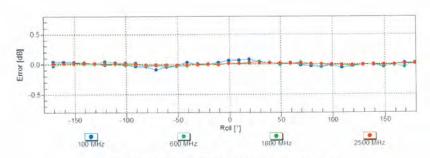
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Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$





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

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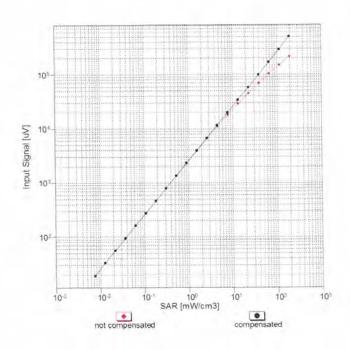


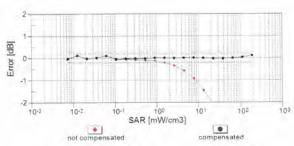
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Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)





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

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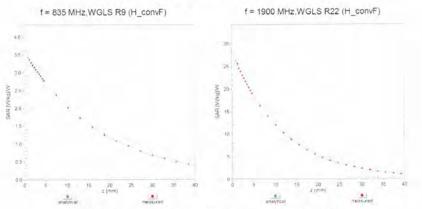
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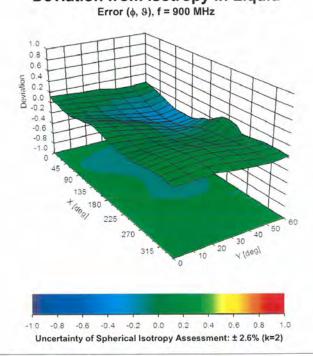
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December 20, 2021 EX3DV4-SN:7375 **Conversion Factor Assessment**



Deviation from Isotropy in Liquid



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Appendix: Modula	tion Calibration	Parameters
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JID	Rev	Communication System Name	Group	PAR (dB)	Unc ^b (k=2)
0	à	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 WiFi 2.4 GHz (DSSS. 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 8 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	19.6%
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9,57	±96%
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	±9.63
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.63
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	±96%
10030	CAA	IEEE 802,15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
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	7.74	±9.6
10034	_	IEEE 802,15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	±9.6"
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6
10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6
10039	_	CDMA2000 (1xRTT, RC1)	CDMA2000	4:57	± 9.6
10042	-	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS.	7.78	±9.6
10044	-	IS-91/EIA/TIA-553 FDD (FDMA FM)	AMPS	0.00	± 9.6
10048	-	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6
10049	-	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6
10056	-	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6
10058	_	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6
10059		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	-	IEEE 802,11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6
10062	-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6
10063		IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6
10064	-	IEEE 802.11a/h WiFi 5 GHz (DFDM, 12 Mbps)	WLAN	9.09	± 9.6
10065	-	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6
10066	-	IEEE 802 11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6
10067	-	IEEE 802-11a/h WIF(5 GHz (OFDM, 36 Mbps)	WLAN	10.12	±9.6
10068		IEEE 802.11a/h WIFI 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6
10069	_	IEEE 802.11a/h WIFI 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±9.6
10071	-	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6
10072	_	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6
10073	-	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6
10074	_	JEEE 802:11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN	10.30	±9.6
10075	-	IEEE 802 11g WIFI 2.4 GHz (DSSS/OFDM. 36 Mbps)	WLAN	10.77	± 9.6
10076		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 48 Mbps)	WLAN	10.94	± 9.6
10077		(EEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11,00	± 9.6
10081	_	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6
10082	-	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6
10090		GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6
10097	-		WCDMA	3.98	± 9.6
10098		UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6
10098			GSM	9,55	±9.6

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10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6%
10101	CAE	LTE-FDD (SC-FDMA: 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6%
10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	±9.6%
10104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	±9.6%
10105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	±9.6 %
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz. QPSK)	LTE-FDD	5.75	±9.6%
10111	CAG	LTE-FDD (SC-FDMA: 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6.44	±9,6%
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 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	± 9.6 %
10116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAD	JEEE 802,11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 %
10140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 %
10142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9,6 %
10143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FOD	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	±9.69
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	±9.69
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	±9.69
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.69
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	±9.69
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9,6 9
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 9
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6 9
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, B4-QAM)	LTE-FDD	6.62	± 9.6 9
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, OPSK)	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	_	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	±9.6
10173		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10174	-	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6
10175	-	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FOD	5.72	± 9.6
10176	-	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6
10177	-	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6
10178	-		LTE-FDD	6.52	± 9.6
10179		Control of the contro	LTE-FDD	6.50	± 9.6
10180	-		LTE-FDD	6.50	± 9,6
10181	_	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6

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182 C	AE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
183 A	AD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	±9.6 %
184 C	AE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
185 C	AE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	±9.6%
186 A	AE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
1187 C	AF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
188 C	AF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	±9.6 %
189 A	AF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
193 C	AD	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	±9.6 %
194 C	AD.	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8,12	± 9.6 %
195 C	AD	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	±9.6 %
196 C	CAD	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
0197 C	CAD	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6%
0198 C	CAD	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
0219 C	CAD	(EEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
0220 C	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
0221 C	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	±9.6 %
0222 C	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	±9.6 %
0223 C	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
0224 C	CAD	IEEE 802,11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	±9.6 %
0225 C	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
0226 C	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.49	±9.6%
0227 C	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.26	±9.6%
0228 C	CAB	LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK)	LTE-TOD	9.22	±9.69
0229 C	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
0230 C	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
0231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
0232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 9
0233 (CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 9
	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
0235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9,48	± 9.6 °
	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TOD	9,21	± 9.6 9
	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.69
	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6
A	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	±9.65
	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	±9.6
	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	±9.65
200	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6
	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOD	9.30	±9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TOD	9.91	±9.6
-	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	_
	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	±9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TOD	9.81	± 9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TOD	10.17	± 9.6
	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TOD	9.24	± 9.6
	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TOD	9.90	± 9.6
	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TOD	9.20	±9.6
	CAF	LTE-TDD (\$C-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6
	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD		± 9.6
	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6
	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TOD	9.34	100000
-	-			1777	± 9.6
-	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.98	

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10261	CAD	LTE-TDB (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-TOD	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-TOD	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 Rei8.10)	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 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	±9.69
_					
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, 16OAM,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
10311	AAA	IDEN 1:3	IDEN	10.51	± 9.6
		IDEN 1:6	IDEN	13.48	± 9.6
10314	AAA	IEEE 802.11b WIF(2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6
10315	AAB				± 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	-
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		Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6
10356	-	Pulse Waveform (200Hz, 80%)	Generic	0.97	±9.6
10387	-	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	4	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	±9.6
10406	-	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9,6
10410	-	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	±9.6

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10414	AAA	WLAN 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 (QFDM, 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 %
10423	AAC	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	±9.6%
10424	AAC	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAC	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 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	±9.69
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8,34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 9
10447	AAD	LTE-FDD (QFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	±9.6°
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	7.51	± 9.6 9
10450	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	±9.6"
10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	Test	10.00	± 9.6 %
10456	AAC	IEEE 802,11ac WiFi (160MHz, 64-QAM, 99pc dc)	WLAN	8.63	± 9.6
10457	AAA	UMTS-FDD (DC-HSDPA)	WCDMA	6.62	± 9.6 °
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6,55	± 9.6
10459	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000	8.25	± 9.6
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	± 9.6
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6
10463	AAB	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	±96
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10469		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-TOD	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	-	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6
10474		LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6
10475	-	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		LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6
10479	-	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6
10480	-	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		LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6
10483	7.5.55	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6
10484	_	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6
10485	-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6
10486		LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-OAM, UL Sub)	LTE-TDD	8.38	± 9.6
10487	-	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	B.60	± 9.6
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6

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10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz. 16-QAM, UL Sub)	LTE-TOD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.37	± 9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	±9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TOD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.40	±9.6%
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TOD	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-TOD	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 do)	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/n 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	±9.69
10525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	±9.69
10526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8,42	±9.69
10527	AAC	IEEE 802:11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	±9.6 9
10528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 9
10529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	±9.69
10531	AAC	IEEE 802,11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	±9.69
10532	AAC	IEEE 802.11ac WIFI (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 9
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAC	IEEE 802,11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAC	IEEE 802,11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 9
10537	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6
10538	AAC	IEEE 802,11ac WiFi (40MHz, MCS4, 99pc do)	WLAN	8.54	± 9.6 9
10540	-	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6
10541	AAC	IEEE 802,11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6
10542	AAC	IEEE 802.11ac WiFi (40MHz; MCS8, 99pc dc)	WLAN	8.65	± 9.6
10543	-	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6
10544		IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6
10545	-	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6.5
10546	_	IEEE 802.11ac WIFI (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 °

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10547	AAC	IEEE 802,11ac WiFi (80MHz, MCS3, 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	8,39	± 9.6 %
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8.50	± 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	±96%
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 do)	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 do)	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-OFDM, 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 (OSSS, 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	±9.69
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 WiFl 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/n 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	±96
10592	AAC	IEEE 802,11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6
10593	AAC	IEEE 802.11rr (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	(EEE 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

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10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAC	IEEE 802,11h (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:	8.77	±9.6 %
10613	AAC	IEEE 802,11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAC	IEEE 802.11ac WIFI (20MHz, MCS7, 90pc dc)	WLAN	8:59	± 9.6 %
10615	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAC	IEEE 802.11ac WIFI (40MHz, MCS0, 90pc dc)	WLAN	8.82	±9.6 %
10617	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	B.81	± 9.6 %
10618	AAC	IEEE 802 11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	±9.6 %
10619	AAC	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8,86	± 9.6 %
10620	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	±9.6%
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	±9.69
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	±9.69
10632	AAC	IEEE 802,11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN.	8.74	±96%
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	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 9
10637	AAD	IEEE 802,11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN.	8.79	± 9.6 %
10638	AAD	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 9
10640	AAD	IEEE 802,11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 9
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 %
10642	AAD	(EEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6%
10644	AAD	IEEE 802.11ac WiFi (160MHz; MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	±96"
10646	AAG	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

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10673	AAC	IEEE 802.11ax (20MHz, MGS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAC	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	±9.6 %
10679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8,89	±9.6%
10680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8,62	± 9.6 %
10682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	±9.6%
10683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dq)	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, 99pc dc)	WLAN	8.33	±9.6 %
10686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	±9.6 %
10687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	±9.6%
10688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAC	IEEE 802 11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	±9.6%
10690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	±9.6%
10691	AAC	IEEE 802,11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	±9.6 %
10692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc).	WLAN	8.29	± 9,6 %
10693	AAC	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6 %
10694	AAC	IEEE 802,11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	± 9.6 %
10695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAC	IEEE 802,11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 %
10697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	±9.6 %
10706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	±96%
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	±9.69
10710	AAC	(EEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	±9.69
10712		IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10713	AAC	IEEE 802,11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	±9.69
10714	20.00	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	-	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 %
10716	+	IEEE 802 11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	-	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	_	IEEE 802 11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6.1
10719	_	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6.9
10720		IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9,6 5
10721	4	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8,76	± 9.6 °
10722	-	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6
10723	-	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6
10724		IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6
10725	_	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6
10726	_	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9.63
10727	-	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9,6
10728		IEEE 802 11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6

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10729	AAC	IEEE 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	±9.6 %
10732	AAC	IEEE 802,11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6 %
	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6%
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	±9.6 %
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	±9.6%
10736	AAC	(EEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	±9.6%
10737	AAC	IEEE 802:11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAC	(EEE 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	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAC	IEEE 802:11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAC	IEEE 802,11ex (160MHz, MCS0, 90pc dc)	WLAN	8.94	±9.6 %
10744	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 %
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	± 9.6 %
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	±9.69
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 9
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	±9.69
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 9
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	±9.6 %
10756	AAC	(EEE 802 11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 9
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	[EEE 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	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6
10766	AAC	IEEE 802.11ax (160MHz, MCS11, 99pg dg)	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
10771	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6
10773	-	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	±9.6
10774	-	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6
10774	-	5G NR (CP-OFDM, 1 NB, 50 MHz, QPSK, 15 MHz)	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
10777	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	±9.6
	-	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6
10779	-	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6
10780	-	5G NR (CP-OFDM, 50% RB, 40 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	8.43	± 9.6
10782	-	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6
10783		5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6

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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	B.40	±9.6%
10786	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	±9.6%
	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8.39	± 9.6 %
-	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 KHz)	5G NR FR1 TDD	8:39	± 9.6 %
	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
-	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	±96%
	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
17111	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
	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 %
Contract to the Contract of th	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 %
10809	AAD	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	B.34	±9.69
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 9
	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10819	AAD	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
	AAD	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.69
10821	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 9
10823	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
-	-	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10824	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 9
10825	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10828		5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 50 KHz)	5G NR FR1 TDD	7.63	±9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6
10831	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6
10832	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	±9.6
10834	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	±9.6
10835	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6
10836	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 KHz)	5G NR FR1 TDD	7.68	± 9.6
10837	AAD	5G NR (CP-0FDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6
10839	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	±9.6
10840	AAD	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	±9.6
10841	AAD			8.49	±9.6
10843	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6
10844	AAD	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6
10846	-	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6
10854	-	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6
10855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)		8.37	± 9.6
10856	1000	5G.NR (CP-OFDM, 100% RB, 20 MHz, OPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6
10857	-	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6
10858	AAD	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	8.34	± 9.6
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)			

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10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	±9.6%
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±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	± 9.6 9
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	±9.69
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 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64OAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6%
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	±9.6 %
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.96	±9.69
10883	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	±9.6 %
10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 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

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December 20, 2021

10923	AAB	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6%
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6 %
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	±9.6%
10926	AAB	5G NR (DFT-s-QFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±96%
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6 %
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6%
	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAC	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6 %
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5,51	±9.6%
	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6%
10937	AAC	5G NR (DFT/s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	±9.6%
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, OPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 9
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	±9.6 %
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 9
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10942	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	±9.6 °
10943	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	±969
3 4 4 1 5 1	1000	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.83	±9.6
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)	5G NR FR1 FDD	5.87	± 9.6
10947	AAC		5G NR FR1 FDD	5.94	±9.6
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)		5.94	± 9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	-	± 9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 KHz)	5G NR FR1 FDD	8.25	± 9.6
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	-
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6
10955	AAA	5G NR DL (CP-OFDM, TM 3:1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	±9.6
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±.9.6
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6
10961	AAB	5G NR DL (CP-QFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±96
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	±9,6
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.6
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	±9.6
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	SG NR FR1 TDD	9.49	±9.6
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	± 9.6
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	± 9.6
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	±9.6
10978	AAA	ULLA BDR	ULLA	2.23	±9.6
10979	AAA	ULLA HDR4	ULLA	7,02	± 9.6
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6
10982	AAA	ULLA HDRp8	ULLA	1.44	± 9.6

⁶ Uncertainty is determined using the max, deviation from linear response applying rectangular distribution and is expressed for the square of the field value.

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





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Accreditation No.: SCS 0108

Client SGS-TW (Auden)

Certificate No: EUmmWV4-9579_Oct21

Issued: October 6, 2021

Object	EUmmWV4 - SN:9579					
Calibration procedure(s)	QA CAL-02.v9, QA CAL-25.v7, QA CAL-42.v2 Calibration procedure for E-field probes optimized for close near field evaluations in air					
Calibration date:	October 06, 2021					
		nal standards, which realize the physical units obability are given on the following pages and				
The measurements and the un	certainties with confidence pro-		are part of the certificate.			
The measurements and the un	certainties with confidence pro-	obability are given on the following pages and	are part of the certificate.			
The measurements and the un All calibrations have been cond Calibration Equipment used (M	certainties with confidence pro- lucted in the closed laboratory &TE critical for calibration)	obability are given on the following pages and γ facility: environment temperature $(22\pm3)^{\circ}C$:	are part of the certificate. and humidity < 70%.			
The measurements and the un All calibrations have been cond Calibration Equipment used (M Primary Standards Power meter NRP	certainties with confidence producted in the closed laboratory &TE critical for calibration)	obability are given on the following pages and / facility: environment temperature (22 ± 3)°C (Cal Date (Certificate No.)	are part of the certificate. and humidity < 70%. Scheduled Calibration			
The measurements and the un All calibrations have been cond Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-Z91	extrainties with confidence producted in the closed laboratory &TE critical for calibration) ID SN: 104778	obability are given on the following pages and y facility: environment temperature (22 ± 3)°C; Cal Date (Certificate No.) 09-Apr-21 (No. 217-032910292)	are part of the certificate. and humidity < 70%. Scheduled Calibration Apr-22			
The measurements and the un All calibrations have been cond Calibration Equipment used (M Primary Standards	certainties with confidence pri lucted in the closed laboratory &TE critical for calibration) ID SN: 104778 SN: 103244	bability are given on the following pages and / facility: environment temperature (22 ± 3)°C; Cat Date (Certificate No.) 09-Apr-21 (No. 217-03291)0292) 09-Apr-21 (No. 217-03291)	are part of the certificate. and humidity < 70%. Scheduled Calibration Apr-22 Apr-22			
The measurements and the un All calibrations have been cond Calibration Equipment used (M Primary Standards Power meter NRP Power sensor NRP-291 Power sensor NRP-291	certainties with confidence pri lucted in the closed laboratory &TE critical for calibration) ID SN: 104778 SN: 103244 SN: 103245	cal Date (Certificate No.) Cal Date (Certificate No.) 09-Apr-21 (No. 217-03291) 09-Apr-21 (No. 217-03291)	are part of the certificate. and humidity < 70%. Scheduled Calibration Apr-22 Apr-22 Apr-22			

, ower meter C4410D	314, 0041293074	Do-Apr-16 (in nouse check Jun-20)	In house check: Jun-22				
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-20)	In house check: Jun-22				
Power sensor E4412A	SN: 000110210 06-Apr-16 (in house check Jun-20)		SN: 000110210 06-Apr-16 (in house check Jun-20)		SN: 000110210 06-Apr-16 (in house check Jun-20)		In house check: Jun-22
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-20)	In house check: Jun-22				
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-20)	In house check: Oct-22				
	Name	Function	Signature				
Calibrated by:	Leif Klysner	Laboratory Technician	Sefflen				
Approved by:	Katja Pokovic	Technical Manager	1000				
		The state of the s	so as				

Check Date (in house)

Certificate No: EUmmWV4-9579_Oct21

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Glossary: NORMx,y,z DCP CF

sensitivity in free space diode compression point crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters or rotation around probe axis

A, B, C, D Polarization Polarization 9

3 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 to probe assignation 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 wave propagation direction

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:

- NORMx,y.x: Assessed for E-field polarization 9 = 0 for XY sensors and 9 = 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.
- DCP_{N/C}: 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
- 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).

 As, Y_p, Y_z , Z_p, Z_p , Z_p ,
- 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 NORMx (no uncertainty required).
 Spherical sortopy (3D deviation from isotropy): in a locally homogeneous field realized using an open
 waveguide / horn setup.

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EUmmWV4 - SN: 9579

October 06, 2021

DASY - Parameters of Probe: EUmmWV4 - SN:9579

	Company of the compan	
Basic	Calibration	Parameters

	Sensor X	Sensor Y	Unc (k=2)
Norm (µV/(V/m) ²)	0.02070	0.02095	± 10.1 %
DCP (mV) ^B	106.0	105.0	
Equivalent Sensor Angle	-61.2	35.2	

	Target E-Field	Prequency Response (750 Deviation Sensor X		
Frequency GHz	V/m	dB dB	Deviation Sensor Y dB	Unc (k=2) dB
0.75	77.2	-0.31	-0.27	± 0.43 dB
1.8	140.4	0.01	0.03	± 0.43 dB
2	133.0	0.05	0.07	± 0.43 dB
2.2	124.8	0.06	0.08	± 0.43 dB
2.5	123.0	0.04	0.04	± 0.43 dB
3.5	256.2	0.22	0.25	± 0.43 dB
3.7	249.8	0.24	0.24	± 0.43 dB
6.6	41.8	-0.40	-0.33	± 0.98 dB
8	48.4	-0.35	-0.52	± 0.98 dB
10	54.4	-0.10	-0.06	± 0.98 dB
15	71.5	-0.02	-0.40	± 0.98 dB
18	85.3	-0.18	0.13	± 0.98 dB
26.6	96.9	-0.27	-0.11	± 0.98 dB
30	92.6	0.08	0.03	± 0.98 dB
35	93.7	-0.14	0.07	± 0.98 dB
40	91.5	-0.13	-0.11	± 0.98 dB
50	19.6	-0.20	-0.25	± 0.98 dB
55	22.4	0.35	0.14	± 0.98 dB
60	23.0	-0.21	-0.19	± 0.98 dB
65	27.4	-0.21	-0.08	± 0.98 dB
70	23.9	-0.19	-0.22	± 0.98 dB
75	20.0	-0.20	-0.25	± 0.98 dB
75	14.8	-0.20	-0.27	± 0.98 dB
80	22.5	0.21	0.26	± 0.98 dB
85	22.8	-0.08	-0.06	± 0.98 dB
90	23.8	0.00	0.01	± 0.98 dB
92	23.9	-0.21	-0.28	± 0.98 dB
95	20.5	-0.31	-0.31	± 0.98 dB
97	24.4	-0.09	-0.08	± 0.98 dB
100	22.6	-0.11	-0.12	± 0.98 dB
105	22.7	0.15	0.16	± 0.98 dB
110	19.7	0.08	0.07	± 0.98 dB

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

Certificate No; EUmmWV4-9579_Oct21

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EUmmWV4 - SN: 9579

October 06, 2021

DASY - Parameters of Probe: EUmmWV4 - SN:9579

UID	Communication System Name		A dB	B dB√μV	С	dB	WR 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 %
	and the second s	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		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%)	X	0.73	60.00	11.44	2.22	27.0	± 1.2 %	± 9.6 %
AAA		Y	0.56	60.00	12.88	- Y-2	27.0		
10387-	QPSK Waveform, 1 MHz	X	1.29	60.00	12.46	1.00	22.0	± 1.1 %	± 9.6 %
AAA		Y	1.17	60.00	12.56		22.0		
10388-	QPSK Waveform, 10 MHz	X	1.28	60.00	12.06	0.00	22.0	± 0.6 %	± 9.6 %
AAA		Y	1.26	60.00	12.36	10000	22.0		
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		E1313.3
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	275	19.0	20.0.70	2 0.0 1
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	2,89	12.0	- 10 10	- 5.0 /

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)

	Sensor X	Sensor Y
R (Ω)	79.90	76.03
$R_{\sigma}(\Omega)$	90.68	93.76
L (nH)	0.10119	0.09044
C (pF)	0.3020	0.3408
C _p (pF)	0.0857	0.0839

or Fraguency Model Peremeters (SE CU- 440 CU-)

	Sensor X	Sensor Y
R (Ω)	28.09	30.62
$R_p(\Omega)$	97.77	96.78
L (nH)	0.04176	0.03934
C (pF)	0.1389	0.1615
C _p (pF)	0.1160	0.1154

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DASY - Parameters of Probe: EUmmWV4 - SN:9579

Sensor	Model	Par	ameters

	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V-2	T5 V-1	Т6
X	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

Other Probe Parameters

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

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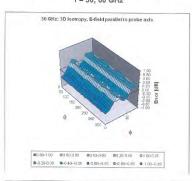
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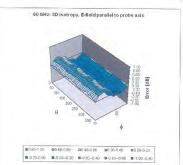
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Deviation from Isotropy in Air





Probe isotropy for $E_{\rm int}$ probe rotated ϕ = 0° to 360°, tilted from field propagation direction \bar{k} Parallel to the field propagation (ψ =0° - 90°) at 30 GHz: deviation within \pm 0.40 dB Parallel to the field propagation (ψ =0° - 90°) at 80 GHz: deviation within \pm 0.38 dB

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UID	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 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 9
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 9
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 9
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 9
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 9
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	7.74	± 9.6 9
10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 9
10035	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
10036	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	±9.6%
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 9
10038	CAA	IEEE 802,15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 9
10039	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 9
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.69
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	± 9.6 9
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.69
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 9
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 9
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 9
10062	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 9
10063	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 9
10064	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 9
10065	CAD	IEEE 802.11a/h WIFI 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAD	IEEE 802.11a/h WIFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 9
10067	CAD	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 9
10068	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 9
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
10074	CAB	IEEE 802.11g 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	±9.69
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 %

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Appendix: Modulation Calibration Parameters

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0100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 9
0101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6
0102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 °
0103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 9
0104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6
0105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 9
0108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 9
0109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6
0110	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-FDD	5.75	± 9.6 °
0111	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-FDD	6,44	± 9.6 9
0112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 9
0113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 9
0114	CAD	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 9
0115	CAD	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 9
0116	CAD	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 9
0117	CAD	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 9
0118	CAD	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 9
0119	CAD	IEEE 802.11n (HT Mixed, 135 Mbps, 64-QAM)	WLAN	8.13	± 9.6 9
0140	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 9
0141	CAE	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-FDD	6.53	± 9.6 9
0142	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-FDD	5.73	± 9.6 9
0143	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-FDD	6.35	± 9.6 9
0144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 9
0145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 9
0146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 9
0147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 9
0149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 9
0150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 9
0151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 9
0152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 9
0153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz. 64-QAM)	LTE-TDD	10.05	±9.69
0154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 9
0155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 9
0156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 9
0157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 9
0158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 9
0159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	±9.69
0160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
0161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
0162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
0166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
0167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
0168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6 %
0169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
0170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
0171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
0172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
0173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
0174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
0175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
0176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
0177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
0178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
0179		LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
0180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %

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10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz., 16-QAM)	LTE-FDD	6.52	± 9.6 9
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-FDD	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
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
10219	CAD	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6
10220	CAD	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6
10221	CAD	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6
10222	CAD	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6
10223	CAD	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6
10224	CAD	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6
10225	CAB	UMTS-FDD (HSPA+)	WCDMA	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
10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	± 9.6
10229	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 °
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 °
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 9
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 9
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	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	±9.69
10252	CAG	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 9
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 9
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 9
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 9
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 9
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 9
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 84-QAM)	LTE-TDD	9.97	±9.69

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10263 10264 10265 10266 10267 10268 10269 10270 10274 10275	CAG CAG CAF	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 0FSK) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QM) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 84-QAM) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 0FSK) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 0FSK) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 10-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 69-SK) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 69-SK)	LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD LTE-TOD	9.24 9.83 10.16 9.23 9.92	± 9.6 9 ± 9.6 9 ± 9.6 9
10264 10265 10266 10267 10268 10269 10270 10274 10275	CAG CAG CAG CAF CAF CAF CAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-0AM) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-0AM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 19-0AM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-0AM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-0AM)	LTE-TDD LTE-TDD LTE-TDD LTE-TDD	9.23 9.92	± 9.6
10265 10266 10267 10268 10269 10270 10274 10275	CAG CAG CAF CAF CAF CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD LTE-TDD LTE-TDD	9.23 9.92	
10266 10267 10268 10269 10270 10274 10275	CAG CAF CAF CAF CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD LTE-TDD	9.92	
10267 10268 10269 10270 10274 10275	CAF CAF CAF CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD		± 9.6
10268 10269 10270 10274 10275	CAF CAF CAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)		10.07	± 9.6
10269 10270 10274 10275	CAF CAF			9.30	± 9.6
10270 10274 10275	CAF		LTE-TDD	10.06	± 9.6
10274	CAB	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6
10275		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6
	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8,10)	WCDMA	4.87	± 9.6
10277		UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6
	CAA	PHS (QPSK)	PHS	11.81	± 9.6
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6
	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6
	AAB	CDMA2000, RC1, SQ55, Full Rate	CDMA2000	3.91	± 9.6
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 9
	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6
10293		CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6
10295		CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6
	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6
	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6
	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)			
	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.39	± 9.6 °
	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)			
	AAA	IEEE 802.166 WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WiMAX	12.03	± 9.6
	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.57	± 9.6 9
	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6 9
	AAA	IEEE 802.18e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	133110 01	11.86	± 9.6 9
	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	15.24	± 9.6 9
	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.67	± 9.6 9
	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.49	± 9.6 9
	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
	AAA	IEEE 802.166 WIMAX (29.16, 10ms, 10MHz, 16QAW,AMC 2x3)		14.58	±9.69
	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	WiMAX	14.57	± 9.6 %
	AAA	IDEN 1:3	LTE-FDD	6.06	± 9.6 9
	AAA	IDEN 1:6	IDEN	10.51	± 9.6 %
	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	IDEN	13.48	±9.69
	AAB	IEEE 802.11g WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
	AAD		WLAN	8.36	±9.69
	AAA	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	±9.6 %
	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.69
	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
		Pulse Waveform (200Hz, 40%)	Generic	3.98	±9.6%
	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 9
	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 9
	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 9
	AAE	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 9
	AAE	IEEE 802,11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8.60	± 9.6 %
	AAE	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	±9.69
	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	±9.69
	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 9
	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	CDMA2000	5.22	± 9.6 %

Certificale No: EUmmWV4-9579_Oct21

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1945 1945	A IEEE 802.11g WiFi 2.4 GHz, IEER-0.CDM, 6 Mbps, 99pc dc) C IEEE 802.11g WiFi 2.4 GHz, IEER-0.CDM, 6 Mbps, 99pc dc) A IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long A IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long C IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long C IEEE 802.11n (HT Greenfleid, 43.3 Mbps, 16-CAM) C IEEE 802.11n (HT Greenfleid, 7.2 Mbps, 8-PSK) C IEEE 802.11n (HT Greenfleid, 7.2 Mbps, 8-PSK) C IEEE 802.11n (HT Greenfleid, 15 Mbps, 16-CAM) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 25 MHz, E-TM 3.1, Clipping 44%) C IEEF-DD (OFDMA, 2		8.54 1.54 8.23 8.14 8.14 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.45 8.41 8.28 8.38 8.34 8.60 7.53 7.51 7.51 7.56 7.53 7.51 7.55 7.51 7.55 7.55 7.55 7.55 7.55	±9.6 6 ±9.6 6
10417	C. IEEE 802.11ah WiFI 6 GHz. (DFDM. 6 Mbps. 98pc. do) A. IEEE 802.11g WiFI 2.4 GHz. (DSSS-OFDM. 6 Mbps. 98pc. Long A. IEEE 802.11g WiFI 2.4 GHz. (DSSS-OFDM. 6 Mbps. 98pc. Long A. IEEE 802.11g WiFI 2.4 GHz. (DSSS-OFDM. 6 Mbps. 98pc. Long C. IEEE 802.11n (HT Greenfledt, 7.2 Mbps. BFSK) C. IEEE 802.11n (HT Greenfledt, 43.3 Mbps. 16-OAM) C. IEEE 802.11n (HT Greenfledt, 15 Mbps. 18-PSK) C. IEEE 802.11n (HT Greenfledt, 15 Mbps. 18-PSK) C. IEEE 802.11n (HT Greenfledt, 150 Mbps. 16-OAM) D. LTE-FDD (OFDMA. 5 MHz. E-TM 3.1) D. LTE-FDD (OFDMA. 10 MHz. E-TM 3.1) C. LTE-FDD (OFDMA. 10 MHz. E-TM 3.1) C. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) D. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) D. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) C. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) C. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) D. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) C. LTE-FDD (OFDMA. 15 LE-TM	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.23 6.23 6.14 8.19 8.32 8.47 8.40 6.41 8.45 8.46 8.41 8.28 8.34 8.34 8.60 7.53 7.51 7.48 7.59 10.00 8.83 8.83 8.83 8.83 8.83 8.83 8.83	±9.6 ±9.6
0-118	C. IEEE 802.11ah WiFI 6 GHz. (DFDM. 6 Mbps. 98pc. do) A. IEEE 802.11g WiFI 2.4 GHz. (DSSS-OFDM. 6 Mbps. 98pc. Long A. IEEE 802.11g WiFI 2.4 GHz. (DSSS-OFDM. 6 Mbps. 98pc. Long A. IEEE 802.11g WiFI 2.4 GHz. (DSSS-OFDM. 6 Mbps. 98pc. Long C. IEEE 802.11n (HT Greenfledt, 7.2 Mbps. BFSK) C. IEEE 802.11n (HT Greenfledt, 43.3 Mbps. 16-OAM) C. IEEE 802.11n (HT Greenfledt, 15 Mbps. 18-PSK) C. IEEE 802.11n (HT Greenfledt, 15 Mbps. 18-PSK) C. IEEE 802.11n (HT Greenfledt, 150 Mbps. 16-OAM) D. LTE-FDD (OFDMA. 5 MHz. E-TM 3.1) D. LTE-FDD (OFDMA. 10 MHz. E-TM 3.1) C. LTE-FDD (OFDMA. 10 MHz. E-TM 3.1) C. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) D. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) D. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) C. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) C. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) D. LTE-FDD (OFDMA. 15 Mbg. E-TM 3.1) C. LTE-FDD (OFDMA. 15 LE-TM	WLAN WLE-FDD WCDMA WLE-FDD WCDMA	8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34 8.60 7.52 7.56 7.53 7.51 7.48 7.59 10.00 8.63 8.63 8.63 8.60 8.60 8.60 8.60 8.60 8.60 8.60 8.60	± 9.6 ±
0419 A. 20 0422 A. 20 0423 A. 20 0424 A. 20 0425 A. 20 0426 A. 20 0427 A. 20 0427 A. 20 0428 A. 20 0429 A. 20 0430 A. 20 0431 A. 20 0432 A. 20 0432 A. 20 0433 A. 20 0433 A. 20 0434 A. 20 0435 A. 20 0435 A. 20 0436 A. 20 0437 A. 20 0438 A. 20 0439 A. 20 0439 A. 20 0430 A. 20 0430 A. 20 0431 A. 20 0431 A. 20 0432 A. 20 0433 A. 20 0433 A. 20 0434 A. 20 0435 A. 20 0436 A. 20 0456 A. 20 0457 A. 20 0458 A. 20 0468 A. 20 0469 A. 20 0478 A. 20 0479 A. 20	A LEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 99pc, Long A LEEE 802.11g WiFI 2.4 GHz (DSSS-OFDM, 8 Mbps, 99pc, Long C LEEE 802.11n (HT Greenfield, 7.2 Mbps, 8PSK) C LEEE 802.11n (HT Greenfield, 15 Mbps, 16-CAM) C LTE-FDD (DFDMA, 5 MHz, E-TM 3.1) C LTE-FDD (DFDMA, 16 MHz, E-TM 3.1) C LTE-FDD (DFDMA, 16 MHz, E-TM 3.1) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) D LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (DFDMA, 18 MHz, E-TM 3.1, Clipping 44%) LTE-TDD (BC-FDMA, 18 MLz, AME, 16-CAM, UL Sub) LTE-TDD (BC-FDMA, 18 MLz, AME, 16-CAM, UL Sub)	(a) WLAN (b) WLAN (c)	8.14 8.19 8.32 8.47 8.40 6.41 8.45 8.31 8.34 8.34 8.34 8.60 7.82 7.56 7.51 7.48 8.63 6.62 6.62	± 9.6 ±
0422 A.0 (1426 A	A IEEE 802.11g WIR Z.4 GHz (DSSS-OFDM, 8 Mbps, 99pc, Shor C IEEE 802.11n (HT Greenfield, 7.2 Mbps, BFS, C) C IEEE 802.11n (HT Greenfield, 7.2 Mbps, BFS, C) C IEEE 802.11n (HT Greenfield, 7.2 Mbps, BFS, C) C IEEE 802.11n (HT Greenfield, 7.2 Mbps, BFS, C) C IEEE 802.11n (HT Greenfield, 7.2 Mbps, BFSK) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-OAM) D LTE-FD (OFDMA, 5 MHz, E-TM, 3.1) D LTE-FD (OFDMA, 5 MHz, E-TM, 3.1) C LTE-FD (OFDMA, 15 Mtz, E-TM, 3.1) C LTE-FD (OFDMA, 15 Mtz, E-TM, 3.1) C LTE-FD (OFDMA, 17 Mtz, E-TM, 3.1) LTE-FD (OFDMA, 18 Mtz, E-TM, 3.1) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) UMIS-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) C LTE-FD (OFDMA, 10 Mtz, E-TM, 3.1, Clippin 44%) LTE-TD (SC-FDMA, 18 Mtz, LA Mtz, 10 Mtz, LA	WLAN LTE-FDD WCDMA Test WLAN WLAN CDMA2000 CDMA2000 CDMA2000 WCDMA	8.19 8.32 8.47 8.40 6.41 8.45 8.41 8.28 8.34 8.34 8.60 7.82 7.55 7.51 7.48 7.59 10.00 8.63 6.62 6.52	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0423	C IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) C IEEE 802.11n (HT Greenfield, 4.3 Mbps, 16-OAM) C IEEE 802.11n (HT Greenfield, 4.3 Mbps, 16-OAM) C IEEE 802.11n (HT Greenfield, 4.3 Mbps, 16-OAM) C IEEE 802.11n (HT Greenfield, 150 Mbps, 8PSK) C IEEE 802.11n (HT Greenfield, 150 Mbps, BPSK) C IEEE 802.11n (HT Greenfield, 150 Mbps, 64-OAM) LTE-FDD (OFDMA, 15 Mbt, E-TM 3.1) C LTE-FDD (OFC-HSDA, 15 Mbt, E-TM 3.1) C LTE-FDD (OFC-HSDA, 15 Mbt, E-TM 3.1) C LTE-FDD (OFC-HSDA, 16 Mbt, E-TM 3.1) C LTE-FDD (OFC-HSDA, 17 Mbt, E-E-TM 3.1) C LTE-FDD (OFC-HSDA, 17 Mbt, E-E-E-E-E-E-E-E-E-E-E-E-E-E-E-E-E-E-E-	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.32 6.47 8.40 6.41 8.45 6.41 8.28 8.34 8.34 8.34 8.57 7.51 7.52 7.55 10.00 8.63 6.62 6.52 6.52	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0426 A.	C IEEE 802.11n (HT Greenfield, 7.22 Mbps, 64-QAM) C IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) C IEEE 802.11n (HT Greenfield, 50 Mbps, 16-QAM) C IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) LTE-FD0 (DFDMA, 10 Mts, E-TM 3.1) LTE-FD0 (DFDMA, 10 Mts, E-TM 3.1) LTE-FD0 (DFDMA, 10 Mts, E-TM 3.1) C LTE-FD0 (DFDMA, 10 Mts, E-TM 3.1) C LTE-FD0 (SFDMA, 16 Mts, E-TM 3.1) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-FD0 (DFDMA, 26 Mts, E-TM 3.1, Clipping 44%) C LTE-TD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-TD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-TD0 (DFDMA, 16 Mts, E-TM 3.1, Clipping 44%) C LTE-TD0 (DFDMA, 17 Mts, LTC-TD0 (SFC, ULS Ub) C LTE-TD0 (DFDMA, 17 Mts, 14 Mts, 16 Mts, Mts, LTC-TD0 (SFC-PMA, 17 Mts, 14 Mts, 16 Mts, Mts, Mts, Mts, Mts, Mts, Mts, Mts,	WLAN WLAN WILAN WILAN LTE-FDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD UTE-FDD LTE-FDD UTC-FDD UTC-FDD WCDMA Test WLAN CDMA2000 CDMA2000 CDMA2000 WCDMA	8.47 8.40 6.41 8.45 8.41 8.28 8.38 8.34 8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.52	±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6 ±9.6
0425 AA 0426 AA 0430 AA 0430 AA 0432 AA 0432 AA 0432 AA 0434 AA 0435 AA 0434 AA 0435 AA 0435 AA 0436 AA 0447 AA 0450 AA 0460 AA	C IEEE 802.11n (HT Greenfield, 7.2.2 Mbps, 64-CAM) C IEEE 802.11n (HT Greenfield, 15 Mbps, 19FSK) C IEEE 802.11n (HT Greenfield, 15 Mbps, 18FSK) C IEEE 802.11n (HT Greenfield, 150 Mbps, 16-CAM) LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) C LTE-FDD (OFDMA, 16 MHz, E-TM 3.1) LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, 1) LTE-TDD (OFD-HSD-PA) LTE-FDD (OFD-HSD-PA) LTE-TDD (OFD-HSD-PA) LTE-TDD (OFD-HSMA, 17 MHz, 14 MHz, 16-CAM, UL Sub) LTE-TDD (OFD-FMA, 17 ML, 14 MHz, 16-CAM, UL Sub)	WLAN WLAN WLAN WLAN WLAN LTE-FDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD UTE-FDD LTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	8.40 8.41 8.45 8.41 8.28 8.34 8.34 8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.52 6.52 8.25	±9.6 ±9.6
0426 AA 0430 AA 0431 AA 0431 AA 0431 AA 0433 AA 0433 AA 0433 AA 0434 AA 0445 AA 0447 AA 0455 AA 0455 AA 0455 AA 0455 AA 0455 AA 0456 AA 0456 AA 0466 AA 0466 AA 0466 AA 0466 AA 0466 AA	C IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) C IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) D LTE-PDD (0FDMA, 5 MHz, E-TM 3.1) D LTE-FDD (0FDMA, 5 MHz, E-TM 3.1) C LTE-FDD (0FDMA, 15 MHz, E-TM 3.1) C LTE-FDD (0FDMA, 15 MHz, E-TM 3.1) C LTE-FDD (0FDMA, 15 MHz, E-TM 3.1) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1) C LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 15 MHz, E-TM 3.1, Clipsing 44%) D LTE-FDD (0FDMA, 25 MHz, E-TM 3.1, Clipsing 44%) D Validation (Gause), 10ms, 1ms) C IEEE 802.11ac WHF (150MHz, 64-QAM, 98pc dc) A UMTS-FDD (0C-HSDPA) A CDMA2000 (1xEV-DO, Rev. B, 2 carriers) A UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 10-QAM, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 10-QAM, UL Sub)	WLAN WLAN ULAN LTE-FDD LTE-FDD LTE-FDD WCDMA LTE-FDD LTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD UTE-FDD WCDMA Test WLAN CDMA2000 CDMA2000 CDMA2000 WCDMA	8.41 8.45 8.41 8.28 8.38 8.34 8.60 7.52 7.56 7.53 7.59 7.59 6.62 6.52 6.52	±9.6 ±9.6
0427 AA 0430 AA 0431 AA 0432 AA 0432 AA 0434 AA 0435 AA 0435 AA 0436 AA 0447 AA 0451 AA 0461 AA	C IEEE 802.111 (HT Creenfield, 150 Msps, 64-QAM) LTE-FDD (OFDMA, 51 MHz, E-TM 3,1) LTE-FDD (OFDMA, 16 MHz, E-TM 3,1) LTE-FDD (OFDMA, 16 MHz, E-TM 3,1) LTE-FDD (OFDMA, 16 MHz, E-TM 3,1) C LTE-FDD (OFDMA, 26 MHz, E-TM 3,1) A W-CDMA (BS Test Model 1, 64 DPCH) LTE-FDD (OFDMA, 51 MHz, E-TM 3,1, Clipping 44%) LTE-FDD (OFDMA, 51 MHz, E-TM 3,1, Clipping 44%) LTE-FDD (OFDMA, 16 MHz, E-TM 3,1, Clipping 44%) C LTE-FDD (OFDMA, 16 MHz, E-TM 3,1, Clipping 44%) C LTE-FDD (OFDMA, 16 MHz, E-TM 3,1, Clipping 44%) C LTE-FDD (OFDMA, 16 MHz, E-TM 3,1, Clipping 44%) C VERLOR (ST TE MS) VIOLATION	WLAN WLAN LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA LTE-FDD LTE-FDD WTEMA LTE-FDD LTE-FDD WCDMA LTE-FDD WCDMA CMA LTE-FDD WCDMA CMA CDMA2000 CDMA2000 WCDMA	8.45 8.41 8.28 8.38 8.34 8.34 8.60 7.82 7.56 7.51 7.48 7.59 10.00 8.63 6.65 6.55 8.25	±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6°
0430 AA 0431 AA 0431 AA 0432 AA 0433 AA 0434 AA 0434 AA 0447 AA 0450 AA 0450 AA 0450 AA 0451 AA 0461 AA 0461 AA 0462 AA 0463 AA 0464 AA 0465 AA 0466 AA 0469 AA 0469 AA 0469 AA	D. LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) C. LTE-FDD (OFDMA, 16 MHz, E-TM 3.1) A. W-CDMA (SS Teal Model 1, 64 PDCH) C. LTE-FDD (OFDMA, 18 MHz, E-TM 3.1, Clipping 44%) D. LTE-FDD (OFDMA, 18 MHz, E-TM 3.1, Clipping 44%) D. LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) C. LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) C. LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) D. VIDE-FDD (OFDMA, 17 MHz, E-TM 3.1, Clipping 44%) C. LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) D. Validation (Square) (Tons, Irins) C. LTE-FDD (OFDMA, 18 MHz, E-TM 3.1, Clipping 44%) D. Validation (Square) (Tons, Irins) C. LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) D. Validation (Square) (Tons, Irins) C. LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) D. Validation (D. CH-SDPA) D. Validation (D. CH-SDPA) D. Validation (SCC-FDMA, 18 B, 1.4 MHz, 16-QMA, ULl Sub) D. LTE-TDD (SCC-FDMA, 18 B, 1.4 MHz, 16-QMA, ULl Sub) D. LTE-TDD (SCC-FDMA, 18 B, 1.4 MHz, 16-QMA, ULl Sub)	WLAN LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA LTE-TDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA Test WLAN CDMA2000 CDMA2000 WCDMA	8.41 8.28 8.38 8.34 8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6°
0431 AA 0432 AA 0432 AA 0434 AA 0434 AA 0435 AA 0448 AA 0448 AA 0451 A	D. LTE-FDD (OFDMA, 5 MHz, E-TM, 3.1) D. LTE-FDD (OFDMA, 15 MHz, E-TM, 3.1) C. LTE-FDD (OFDMA, 15 MHz, E-TM, 3.1) C. LTE-FDD (OFDMA, 15 MHz, E-TM, 3.1) C. LTE-FDD (OFDMA, 15 MHz, E-TM, 3.1) D. LTE-FDD (OFDMA, 15 MHz, E-TM, 3.1) D. LTE-FDD (OFDMA, 18 MHz, E-TM, 3.1, Clippin, 44%) D. LTE-FDD (OFDMA, 19 MHz, E-TM, 3.1, Clippin, 44%) D. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 10 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-FDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. MITS-FDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, Clippin, 44%) C. LTE-TDD (OFDMA, 20 MHz, E-TM, 3.1, MHz, 20	LTE-FDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA LTE-TDD LTE-FDD LTE-FDD LTE-FDD WCDMA TES-FDD WCDMA TESI WLAN CDMA2000 CDMA2000 WCDMA	8.28 8.38 8.34 8.34 8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6°
0432 AA 0433 AA 0433 AA 0435 AA 0435 AA 0447 AA 0449 AA 0450 AA 0450 AA 0450 AA 0451 A	C LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) C LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) A W-CDMA (8S Tast Model 1, 84 DPCH) LTE-FDD (OFDMA, 1 RB, 20 MHz, DPSK, UL Sub) LTE-FDD (OFDMA, 1 RB, 220 MHz, DPSK, UL Sub) LTE-FDD (OFDMA, 1 RB, 125 MHz, 127 MHz, 127 MHz) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) A W-CDMA (8S Test Model 1, 64 DPCH, Clipping 44%) Veloation (Square) funs, Tunk Veloation (Square) funs, Tunk UMTS-FDD (DC-HSDPA) C CDMA2000 (1xE-V-DO, Rev. B, 2 carriers) A CDMA2000 (1xE-V-DO, Rev. B, 3 carriers) LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 0-PSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 0-PSK, UL Sub)	LTE-FDD LTE-FDD UTE-FDD WCDMA LTE-FDD LTE-FDD LTE-FDD LTE-FDD UTE-FDD WCDMA Test WLAN CDMA2000 CDMA2000 WCOMA	8.38 8.34 8.34 8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6°
0433 AA 0434 AA 0435 AA 0447 AA 0448 AA 0450 AA 0451 AA 0451 AA 0450 AA 0451 AA 0450 AA 0451 AA 0451 AA 0451 AA 0452 AA 0453 AA 0453 AA 0453 AA 0454 AA 0459 AA 0460 AA 0466 AA 0466 AA 0466 AA 0466 AA 0466 AA 0466 AA 0468 AA 0469 AA 0469 AA	C LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) A W-CDMA (SS Test Model 1, 94 DFCH) F LTE-TDD (SC-FDMA, 1 RB, 20 MHz, CPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, CPSK, UL Sub) LTE-FDD (OFDMA, 3 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) A W-CDMA (SS Test Model 1, 84 DFCH, Clipping 44%) D validation (Square, 10ms, 1ms) C IEEE 802.11ac WHz (1500MHz, 64-QAM, 98pc dc) A UMTS-FDD (OC-HSDPA) A CDMA2000 (1xEV-DO, Rev. B, 2 carriers) A CDMA2000 (1xEV-DO, Rev. B, 3 carriers) A UMTS-FDD (WCDMA, AMM) UMTS-FDD (WCDMA, AMM) UMTS-FDD (WCDMA, AMM) LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, G-QAM, UL Sub)	LTE-FDD LTE-FDD WCDMA LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA Test WLSM WCDMA CDMA2000 CDMA2000 WCDMA	8:34 8:34 8:60 7:82 7:56 7:53 7:51 7:48 7:59 10:00 8:63 6:62 6:55 8:25	±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6°
0434 AA 0435 AA 0449 AA 0448 AA 0449 AA 0448 AA 0449 AA 0451 AA 0451 AA 0453 AA 0457 AA 0453 AA 0457 AA 0458 AA 0459 AA 0459 AA 0459 AA 0460 AA 0466 AA 0466 AA 0466 AA 0466 AA 0466 AA 0466 AA 0468 AA 0469 AA 0469 AA	C LTE-FDD (OFDMA_2 20 MHz, E-TM 3.1) A W-CDMA (SS Tsat Model 1, al PDCH) F LTE-TDD (SG-FDMA_1 RB, 20 MHz, OPSK, UL_Sub) D LTE-FDD (OFDMA_1 SM Hz, E-TM 3.1, Clipping 44%) D LTE-FDD (OFDMA_1 SM Hz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA_1 SM Hz, E-TM 3.1, Clipping 44%) LTE-FDD (OFDMA_2 DM Hz, E-TM 3.1, Clipping 44%) A W-CDMA (SS Test Model 1, 84 DPCH, Clipping 44%) D validation (Square), 10ms, 1ms) C IEEE 802.11acWHr[160MHz, 64-QAM, 98pc dc) A UMTS-FDD (OC-HSDPA] A CDMA2000 (1xEV-DO, Rev. B, 2 carriers) A UMTS-FDD WCDMA_AMH_1 A LTE-TDD (SC-FDMA_1 RB, 1,4 MHz, 16-QM, UL_Sub)	LTE-FDD WCDMA LTE-TDD LTE-FDD LTE-FDD LTE-FDD WCDMA Test WLAN CDMA2000 CDMA2000 WCOMA	8.34 8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6° ±9.6°
0435 AA 0447 AA 0449 AA 0450 AA 0450 AA 0451 AA 0451 AA 0455 AA 0456 AA 0459 AA 0450 AA 0460 AA	A W-CDMA (BS Test Model 1, 94 DPCH) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL_Sub) LTE-FDD (FDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD (DFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD (DFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD (DFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD (DFDMA, 20 MHz, E-TM 3.1, Clipping 44%) V-CDMA (BS Test Model 1, 94 DPCH, Clipping 44%) V-CD	WCDMA LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	8.60 7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 °
0447 AA 0448 AA 0450 AA 0451 AA 0451 AA 0451 AA 0451 AA 0457 AA 0457 AA 0458 AA 0457 AA 0460 AA 0461 AA 0460 AA 0461 AA 0462 AA 0463 AA 0464 AA 0465 AA 0466 AA 0466 AA 0467 AA 0468 AA 0468 AA	F. LTE-TDD (SC-FDMA, 1 RB, 20 MHz, DPSK, UL, Sub) D. LTE-FDD (DFDMA, 10 MHz, E-TM 3.1, Clipping 44%) D. LTE-FDD (DFDMA, 10 MHz, E-TM 3.1, Clipping 44%) D. LTE-FDD (DFDMA, 10 MHz, E-TM 3.1, Clipping 44%) D. LTE-FDD (DFDMA, 20 MHz, E-TM 3.1, Clipping 44%) D. LTE-FDD (DFDMA, 20 MHz, E-TM 3.1, Clipping 44%) D. VIB-CDD (DFDMA, 20 MHz, E-TM 3.1, Clipping 44%) D. Validation (Square, 10ms, 1ms) C. IEEE 902.11ac.WHF (1500MHz, 64-QAM, 98pc dc) D. VIMTS-FDD (DC-HSDPA) D. VIMTS-FDD (DC-HSDPA) D. VIMTS-FDD (WCDMA, AMR) D. VIMTS-F	LTE-TDD LTE-FDD LTE-FDD LTE-FDD LTE-FDD WCDMA Tesl WLAN WCOMA CDMA2000 CDMA2000 WCOMA	7.82 7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 °
0448 AA 0449 AA 0449 AA 0451 AA 0451 AA 0453 AA 0453 AA 0458 AA 0458 AA 0459 AA 0458 AA 0460 AA 0461 AA 0461 AA 0462 AA 0465 AA 0466 AA 0466 AA 0468 AA 0468 AA 0468 AA 0469 AA 0467 AA 0468 AA	D LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 16 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%) C LTE-FDD (OFDMA, 22 MHz, E-TM 3.1, Clipping 44%) D Validation (Square, 10ms, 1ms) C LEEE 802.11ac WiFI (160MHz, 64-DAM, 98pc dc) A UMTS-FDD (DC-HSDPA) A CDMA2000 (18E/U-D, Rev. B, 2 carriers) A UMTS-FDD (WCDMA, AMR) C UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-FDD LTE-FDD LTE-FDD UTE-FDD WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	7.56 7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 °
0449 AA 0450 AA 0450 AA 0451 AA 0456 AA 0457 AA 0458 AA 0457 AA 0458 AA 0460 AA	D. LTE-FDD (CPEMA, 19 MHz, E-TM 3.1, Clippin 44%) C. LTE-FDD (CPEMA, 15 MHz, E-TM 3.1, Clipping 44%) C. LTE-FDD (CPEMA, 15 MHz, E-TM 3.1, Clipping 44%) D. VIII (CPEMA, 18 MHz, E-TM 3.1, Clipping 44%) D. Validation (Surare, 10ms, 1ms) C. IEEE 802.11ac WHF (190MHz, 84-DAM, 99pc dc) J. WITS-FDD (DC-HSDPA) A. CDMA2000 (1KEV-DO, Rev. B. 2 carriers) A. CDMA2000 (1KEV-DO, Rev. B. 3 carriers) D. UMTS-FDD (WCDMA, AMR) B. LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-FDD LTE-FDD LTE-FDD WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	7.53 7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6
0449 AA 0450 AA 0451 AA 0456 AA 0456 AA 0456 AA 0457 AA 0458 AA 0458 AA 0450 AA 0460 AA 0460 AA 0461 AA 0463 AA 0464 AA 0464 AA 0465 AA 0464 AA 0467 AA 0468 AA 0467 AA 0468 AA	C LTE-FDD (OFDMA, 15 MHz, E-TM, 3.1, Cliping 44%) A W-CDMA (8S Test Model 1, 94 DPCH, Cliping 44%) A W-CDMA (8S Test Model 1, 94 DPCH, Cliping 44%) D Validation (Square, 10ms, 1ms) C IEEE 802.1 That WiFt [160MHz, 64-QAM, 98pc dc] A UMTS-FDD (DC-HSDPA) A CDMA2000 (18EV-DO, Rev. B, 2 carriers) A UMTS-FDD (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 10PSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 10PSK, UL Sub)	LTE-FDD LTE-FDD WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	7.51 7.48 7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 ° • ± 9.6 ° • ± 9.6 ° • ± 9.6 ° • ± 9.6 ° • ± 9.6 ° • • ± 9.6 ° • • ± 9.6 ° • • ± 9.6 ° • • ± 9.6 ° • • ± 9.6 ° • • • • • • • • • • • • • • • • • •
0450 AA 0451 AA 0451 AA 0453 AA 0453 AA 0457 AA 0458 AA 0459 AA 0459 AA 0460 AA 0461 AA 0462 AA 0463 AA 0464 AA 0464 AA 0466 AA 0467 AA 0468 AA 0467 AA 0468 AA 0470 AA	C LTE-FDD (OFDMA, 20 MHz, E-Th 3.1 Clipping 44%) W-CDMA (BS Test Model 1, 64 OPCH, Clipping 44%) Validation (Square, 10ms, 1ms) I EEE 802.11ac Wiff (190MHz, 64-OAM, 98pc dc) A COMA2000 (1KE-VDO, Rev. B, 2 carriers) A CDMA2000 (1KE-VDO, Rev. B, 3 carriers) A UMTS-FDD (WCDMA, AMR) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, OPSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-OAM, UL Sub)	LTE-FDD WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	7.48 7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ' ± 9.6 ' ± 9.6 ' ± 9.6 ' ± 9.6 '
0451 AA 0453 AA 0456 AA 0458 AA 0459 AA 0459 AA 0450 AA 0460 AA 0461 AA 0462 AA 0463 AA 0464 AA 0463 AA 0464 AA 0466 AA 0466 AA 0466 AA 0467 AA 0468 AA 0469 AA	A W-CDMA (BS Test Model 1, 84 DPCH, Clipping 44%) C IEEE 802.1 Inca Wiff (160MHz, 84-0AM, 98pc dc) A UMTS-FDD (DC-HSDPA) A CDMA2000 (1KEV-DO, Rev. B, 2 carriers) A CDMA2000 (1KEV-DO, Rev. B, 3 carriers) A UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0PSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	WCDMA Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	7.59 10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6 ° ± 9.6 ° ± 9.6 °
0456 AA 0457 AA 0458 AA 0457 AA 0458 AA 0460 AA 0461 AA 0462 AA 0462 AA 0465 AA 0465 AA 0466 AA 0467 AA 0467 AA 0467 AA 0467 AA 0470 AA 0471 AA	D Validation (Square, 10ms, 1ms) C IEEE 802,11ac WiFi (160MHz, 64-QAM, 98pc dc) A UMTS-FDD (DC-HSDPA) A CDMA2000 (18EV-DO, Rev. B, 2 carriers) A CDMA2000 (18EV-DO, Rev. B, 3 carriers) A UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, 16-QAM, UL Sub)	Test WLAN WCDMA CDMA2000 CDMA2000 WCDMA	10.00 8.63 6.62 6.55 8.25	± 9.6 ° ± 9.6 ° ± 9.6 °
0456 AA 0457 AA 0458 AA 0457 AA 0458 AA 0460 AA 0461 AA 0462 AA 0462 AA 0465 AA 0465 AA 0466 AA 0467 AA 0467 AA 0467 AA 0467 AA 0470 AA 0471 AA	C IEEE 802.11ac Wirl (1900Mtz, 64-QAM, 99pc dc) A UMTS-F.00 (DC-HSDP4) A CDMA2000 (1xEV-DO, Rev. B. 3 carriers) A CDMA2000 (1xEV-DO, Rev. B. 3 carriers) A UMTS-F.00 (WCDMA_AMR) B LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QFSK, UL Sub) LTE-TDD (SC-FDMA, 1 RB, 1,4 MHz, QFSK, UL Sub)	WLAN WCDMA CDMA2000 CDMA2000 WCDMA	8.63 6.62 6.55 8.25	± 9.6 9 ± 9.6 9
0457 AA 0458 AA 0459 AA 0460 AA 0461 AA 0461 AA 0463 AA 0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0467 AA 0469 AA	A UMTS-FDD (DC-HSDPA) A CDMA2000 (18EV-DO, Rev. B. 2 carriers) A CDMA2000 (18EV-DO, Rev. B. 3 carriers) A UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	WCDMA CDMA2000 CDMA2000 WCDMA	6.62 6.55 8.25	± 9.6 9
0458 AA 0459 AA 0460 AA 0461 AA 0462 AA 0463 AA 0464 AA 0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0469 AA	A CDMA2000 (1xEV-DO, Rev. B, 2 carriers) A CDMA2000 (1xEV-DO, Rev. B, 3 carriers) A UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	CDMA2000 CDMA2000 WCDMA	6,55 8.25	± 9.6 9
0459 AA 0460 AA 0461 AA 0462 AA 0463 AA 0464 AA 0465 AA 0466 AA 0466 AA 0467 AA 0471 AA	A CDMA2000 (1xEV-DO, Rev. B. 3 carriers) A UMTS-FDD (WCDIMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	CDMA2000 WCDMA	8.25	
0460 AA 0461 AA 0462 AA 0463 AA 0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0469 AA 0471 AA	A UMTS-FDD (WCDMA, AMR) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	WCDMA		
0461 AA 0462 AA 0463 AA 0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0469 AA 0471 AA	B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub) B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)			
0462 AA 0463 AA 0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0469 AA 0470 AA	B LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LIE-IDD	7.82	± 9.6 9
0463 AA 0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0469 AA 0470 AA		LTE-TDD	8.30	± 9.6
0464 AA 0465 AA 0466 AA 0467 AA 0468 AA 0469 AA 0470 AA		LTE-TDD	8.56	± 9.6 9
0465 AA 0466 AA 0467 AA 0468 AA 0469 AA 0470 AA	C LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 9
0466 AA 0467 AA 0468 AA 0469 AA 0470 AA		LTE-TDD		± 9.6 9
0467 AA 0468 AA 0469 AA 0470 AA 0471 AA		LTE-TDD	8.32	± 9.6 9
0468 AA 0469 AA 0470 AA 0471 AA				
0469 AA 0470 AA 0471 AA		LTE-TDD	7.82	± 9.6 9
0470 AA 0471 AA		LTE-TDD	8.32	± 9.6
0471 AA		LTE-TDD	8.56	± 9.6 9
		LTE-TDD	7.82	± 9.6 °
		LTE-TDD	8.32	±9.69
0473 AA		LTE-TDD	8.57	± 9.6 5
0474 AA		LTE-TDD	7.82	± 9.6 9
0474 AA		LTE-TDD	8.32	± 9.6 9
0477 AA		LTE-TDD	8.57	± 9.6 9
0477 AA		LTE-TDD	8.32	±9.6 9
0478 AA		LTE-TDD	8.57	±9.69
0479 AA		LTE-TDD	7.74	± 9.6 9
0480 AA		LTE-TDD	8.18	± 9.6 %
0481 AA		LTE-TDD	8.45	± 9.6 %
0482 AA		LTE-TDD	7.71	± 9.6 9
		LTE-TDD	8.39	± 9.6 9
		LTE-TDD	8.47	± 9.6 %
0485 AA		LTE-TDD	7.59	± 9.6 %
0486 AA		LTE-TDD	8.38	±9.6%
0487 AA 0488 AA		LTE-TDD	8.60 7.70	±9.6 %

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Unless otherwise stated the results shown in this test report refer only to the sample(s) tested and such sample(s) are retained for 90 days only.

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10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 18-QAM, UL Sub)	Liverman	1.00	1
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8,31	± 9.6
10491	AAE	LTE-TDD (SC-FDMA, 50% 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	AAF	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, 16-QAM, UL Sub)	LTE-TDD	7.74	± 9.6
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.37	± 9.6
10497	AAB	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, 16-QAM, UL Sub)	LTE-TDD	7.67	± 9.6
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-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 (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	7.67	± 9.6
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.44	± 9.6
10502	AAF		LTE-TDD	8.52	± 9.6
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.72	± 9.6
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 °
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 °
10506		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
	1.1.100	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 °
	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 9
10522	AAC	IEEE 802.11a/h WIFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 9
10523	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	80.8	± 9.6
0524	AAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	±9.6
0525	AAC	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6
0526	AAC	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
0527	AAC	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
0528	AAC	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 °
0529	AAC	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6
0531	AAC	IEEE 802,11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 9
10532	AAC	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 9
10533	AAC	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	±9.6 9
10534	AAC	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 9
0535	AAC	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	±9.69
10536	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 9
10537	AAC	IEEE 802,11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	±9.69
	AAC	IEEE 802,11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 9
0540	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 9
0541	AAC	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 9
0542	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 9
0543	AAC	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
0544	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
0545	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 9
0546	AAC	IEEE 802,11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %

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10547	AAC	IEEE 802.11ac WiFi (80MHz. MCS3, 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	8.39	± 9.6 9
10551	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)	WLAN	8,50	± 9.6 9
10552	AAC	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc do)	WLAN	8.42	± 9.6 9
10553	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 9
10554	AAD	IEEE 802.11ac WIFI (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 9
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 9
10557	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	± 9.6 9
10558	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 9
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 9
10562	AAD	IEEE 802.11ac WIFI (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 9
10563	AAD	IEEE 802.11ac WIFI (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 9
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-DFDM, 9 Mbps, 99pc dc)	WLAN	8.25	± 9.6 9
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc dc)	WLAN	8.45	± 9.6 9
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc dc)	WLAN	8.13	± 9.6 9
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 9
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc dc)	WLAN	8.10	± 9.6 9
10570	AAA	IEEE 802,11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc do)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WIFI 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 9
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1,99	± 9.6 9
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)	WLAN	1.98	± 9.6 9
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	± 9.6 9
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 9
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 9
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 9
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 9
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 do)	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 %
0593	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	± 9.6 %
0594	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
0595	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %
0596	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
0597	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
0598	AAC	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
0599	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
0600	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
0601	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
0602	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	
0603	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
0604	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %

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10605	AAC	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 9
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	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	8.81	± 9.6 9
10618	AAC	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 9
10619	AAC	IEEE 802.11ac WIFI (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 9
10620	AAC	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 9
10621	AAC	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 9
10622	AAC	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 9
10623	AAC	IEEE 802.11ac WiFI (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 9
10624	AAC	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 9
10625	AAC	IEEE 802,11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 9
10626	AAC	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 9
10627	AAC	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 9
10628	AAC	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 9
10629	AAC	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 9
10630	AAC	IEEE 802.11ac WIFI (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 9
10631	AAC	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 9
10632	AAC	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 9
10633	AAC	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 9
10634	AAC	IEEE 802.11ac WIFI (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 9
10635	AAC	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 9
10636	AAD	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 9
10637	AAD	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 9
10638	AAD	IEEE 802.11ac WIFI (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 9
10639	AAD	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 9
10640	AAD	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 9
10641	AAD	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	± 9.6 9
10642	AAD	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
10643	AAD	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	± 9.6 %
10644	AAD	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 9
10645	AAD	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.05	± 9.6 9
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD		±9.69
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 9
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD		
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.91 7.42	±9.69
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)			
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	±9.69
0658	AAA	Pulse Waveform (200Hz, 10%)	LTE-TDD	7.21	±9.69
0659	AAA	Pulse Waveform (200Hz, 10%)	Test	10.00	±9.6 %
0660	AAA	Pulse Waveform (200Hz, 20%)	Test	6.99	± 9.6 %
0661	AAA	Pulse Waveform (200Hz, 40%) Pulse Waveform (200Hz, 60%)	Test	3.98	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 60%) Pulse Waveform (200Hz, 80%)	Test	2.22	± 9.6 %
10662	AAA	Bluetooth Low Energy	Test	0.97	± 9.6 %
10670	AAA		Bluetooth	2.19	± 9.6 %
	MAG	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9.09	± 9.6 %

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0673	AAC	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6
0674	AAC	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6
0675	AAC	(EEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6
0676	AAC	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6
0677	AAC	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6
0678	AAC	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6
0679	AAC	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6
0680	AAC	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6
0681	AAC	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6
0682	AAC	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6
0683	AAC	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6
0684	AAC	IEEE 802,11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6
0685	AAC	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6
0686	AAC	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.28	± 9.6
0687	AAC	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6
0688	AAC	IEEE 802.11ax (20MHz, MCS5, 99pc do)	WLAN	8.29	± 9.6
0689	AAC	IEEE 802,11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6
0690	AAC	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6
0691	AAC	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6
0692	AAC	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	± 9.6
0693	AAC	IEEE 802,11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	± 9.6
0694	AAC	IEEE 802.11ax (20MHz, MGS11, 99pc dc)	WLAN	8.57	± 9.6
0695	AAC	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6
0696	AAC	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	± 9.6 °
0697	AAC	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6
0698	AAC	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6
0699	AAC	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 5
0700	AAC	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 °
0701	AAC	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6
0702	AAC	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6
0703	AAC	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 °
0704	AAC	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6
0705	AAC	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6
0706	AAC	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 °
0707	AAC	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6
0708	AAC	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 °
0709	AAC	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 9
0710	AAC	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 9
0711	AAC	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 9
0712	AAC	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 9
0713	AAC	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 9
0714	AAC	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 9
0715	AAC	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	± 9.6 9
0716	AAC	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 9
0717	AAC	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 9
0718	AAC	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 9
0719	AAC	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 9
0720	AAC	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 9
0721	AAC	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 9
0722	AAC	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 9
0723	AAC	JEEE 802,11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	±9.69
0724		IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 9
0725	AAC	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	±9.69
0726	AAC	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	± 9,6 %
0727	AAC	IEEE 802,11ax (80MHz, MCS8, 90pc dc)	WLAN	8,66	± 9.6 %
0728	AAC	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %

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10729	AAC	IEEE 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	±9.69
10732		IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 9
10733	AAC	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	± 9.6 9
10734	AAC	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 9
10735	AAC	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 9
10736	AAC	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
0737	AAC	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	±9.69
0738	AAC	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 9
10739	AAC	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 9
10740	AAC	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 9
10741	AAC	(EEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 9
10742	AAC	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 9
10743	AAC	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 9
10744	AAC	IEEE 802,11ax (160MHz, MCS1, 90pc do)	WLAN	9.16	± 9.6 9
10745	AAC	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	±9.69
10746	AAC	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN.	9.11	± 9.6 9
10747	AAC	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 9
10748	AAC:	IEEE 802.11ax (160MHz, MCS5, 90pc do)	WLAN	8.93	± 9.6 9
10749	AAC	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 9
10750	AAC	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 9
10751	AAC	IEEE 802,11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	±9.69
10752	AAC	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 9
10753	AAC	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	±9.69
10754	AAC	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 9
10755	AAC	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 9
10756	AAC	IEEE 802.11ax (160MHz, MCS1, 99pc do)	WLAN	8.77	± 9.6 9
10757	AAC	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 9
10758	AAC	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 9
10759	AAC	IEEE 802,11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 9
10760	AAC	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 9
10761	AAC	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 9
10762	AAC	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	±9.69
10763	AAC	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	±9.69
10764	AAC	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 9
10765	AAC	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	±9.69
10766	AAC	IEEE 802,11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 9
10767	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 9
10768	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 9
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 9
10777	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 9
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	±9.69
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	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %

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10785	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	TO US SELVED	T n 10	1.000
10786	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 KHz)	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	8.44	± 9.6
10789	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6
10790	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6
10791	AAE	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6
10792	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6
10793	AAD	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6
10794	AAD	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6
10795	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6
10796	AAD	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 °
10797	AAD	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6
10798	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.01	± 9.6
10799	AAD		5G NR FR1 TDD	7.89	± 9.6
10801	AAD	5G NR (CP-0FDM, 1 RB, 60 MHz, QPSK, 30 kHz) 5G NR (CP-0FDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6
10802	AAD		5G NR FR1 TDD	7.89	± 9.6
10803		5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 °
10805		5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6
10806	AAD	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6
_	AAD	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6
		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
	AAE	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6
	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, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6
10825	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	±9.6
10827	AAD	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	± 9.6
10828	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6
10829	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6
10830	AAD	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 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 9
10833	AAD	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 9
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 9
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
0854	AAD	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6
0855	AAD	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	±9.69
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 9
10859	AAD	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 9
ngen	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 9

Certificate No: EUmmWV4-9579_Oct21

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10861	AAD	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 9
10863		5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD		-
10864	AAD	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 9
10865	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 9
10866	AAD	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6
10868		5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.89	± 9.6
10869		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 9
10870	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 9
10871		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	±9.69
10872		5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 9
10873		5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD		
10874	AAD	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.69
10875		5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 9
10876		5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)			± 9.6 9
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 9
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 9
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 9
10880	AAD	5G NR (CP-0FDM, 100% RB, 100 MHz, 64QAM, 120 KHz)	5G NR FR2 TDD	8.12	± 9.6 %
10881	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 9
10882	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 9
10883	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.96	± 9.6 9
10884	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 °
10885	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 KHz)	5G NR FR2 TDD	6.53	± 9.6 9
10886	AAD		5G NR FR2 TDD	6.61	± 9.6 9
10887	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64OAM, 120 kHz) 5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 9
10888	AAD		5G NR FR2 TDD	7.78	±9.69
10889	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 KHz)	5G NR FR2 TDD	8.35	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 9
10891	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 9
10891		5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 9
10897	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz) 5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR2 TDD	8.41	± 9.6 9
10898	AAB		5G NR FR1 TDD	5.66	± 9.6 %
10899	AAB	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 9
10900	AAB	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 9
10901	AAB	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz) 5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAB		5G NR FR1 TDD	5.68	± 9.6 9
10902	AAB	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903		5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 9
	AAB	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 9
10905	AAB	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
	AAC	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907		5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10909	AAB	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
		5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 9
10910		5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.69
	AAB	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	±9.69
10912	AAB	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 9
10913		5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 9
10914	AAB	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 9
10915		5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.69
10916	AAB	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 9
10917	AAB	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.69
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	±9.69

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10923	AAR	5G NR (DFT-s-DFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	1 20 100 000 000	Towns.	T
10924	AAB	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10925	AAB	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10926	AAB	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6
10927	AAB	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6
10928	AAC	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	5.94	± 9.6
10929	AAC	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD 5G NR FR1 FDD	5.52	± 9.6
10930	AAC	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 °
10931	AAC	5G NR (DFT-s-0FDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6
10932	AAC	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6
10933	AAC	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	
10934	AAC	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 °
10935	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6
10936	AAC	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6
10937	AAC	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 9
10938	AAC	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 °
10939	AAC	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6
10940	AAC	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 9
10941	AAC	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 9
10942	AAC	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 9
10943	AAD	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6
10944	AAC	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 9
10945	AAC	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 9
10946	AAC	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6
10947	AAC	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 9
10948	AAC	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6
10949	AAC	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6
10950	AAC	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6
10951	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6
10952	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.25	± 9.6 9
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 9
10954	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	± 9.6 °
10955	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 9
10956	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	± 9.6
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 9
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	±9.69
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 9
10960	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 9
10961	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 9
10962	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 9
10963	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 9
10964	AAC	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 9
10965	AAB	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 9
10966	AAB	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	±9.69
10967	AAB	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 9
10968	AAB	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.69
10972	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	11.59	±9.69
10973	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	9.06	±9.69
10974	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, 256-QAM, 30 kHz)	5G NR FR1 TDD	10.28	± 9.6 9
10978	AAA	ULLA BDR	ULLA	2.23	± 9.6 %
10979	AAA	ULLA HDR4	ULLA	7.02	± 9.6 9
10980	AAA	ULLA HDR8	ULLA	8.82	± 9.6 9
10981	AAA	ULLA HDRp4	ULLA	1.50	± 9.6 %
10982	AAA	ULLA HDRp8	ULLA	1.44	±9.69

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- End of report -

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