PCTEST ENGINEERING LABORATORY, INC.



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Certification of Calibration

Object D5GHzV2 – SN: 1237

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extended Calibration date: 08/09/2019

Description: SAR Validation Dipole at 5GHz

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number
Agilent	8753ES	S-Parameter Network Analyzer	10/2/2018	Annual	10/2/2019	US39170118
Agilent	N5182A	MXG Vector Signal Generator	6/27/2019	Annual	6/27/2020	US46240505
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	343972
Anritsu	ML2495A	Power Meter	10/21/2018	Annual	10/21/2019	941001
Anritsu	MA2411B	Pulse Power Sensor	10/30/2018	Annual	10/30/2019	1207470
Anritsu	MA2411B	Pulse Power Sensor	11/20/2018	Annual	11/20/2019	1339007
Control Company	4040	Temperature / Humidity Monitor	2/28/2018	Biennial	2/28/2020	150761911
Control Company	4352	Ultra Long Stem Thermometer	2/28/2018	Biennial	2/28/2020	170330160
Keysight	772D	Dual Directional Coupler	CBT	N/A	CBT	MY52180215
Keysight Technologies	85033E	Standard Mechanical Calibration Kit (DC to 9GHz, 3.5mm)	7/2/2019	Annual	7/2/2020	MY53401181
Mini-Circuits	BW-N20W5+	DC to 18 GHz Precision Fixed 20 dB Attenuator	CBT	N/A	CBT	N/A
MiniCircuits	VLF-6000+	Low Pass Filter	CBT	N/A	CBT	N/A
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406
Pasternack	PE2209-10	Bidirectional Coupler	CBT	N/A	CBT	N/A
Pasternack	NC-100	Torque Wrench	5/23/2018	Biennial	5/23/2020	N/A
SPEAG	EX3DV4	SAR Probe	2/19/2019	Annual	2/19/2020	7417
SPEAG	DAE4	Dasy Data Acquisition Electronics	2/13/2019	Annual	2/13/2020	665
SPEAG	EX3DV4	SAR Probe	7/15/2019	Annual	7/15/2020	7547
SPEAG	DAE4	Dasy Data Acquisition Electronics	7/11/2019	Annual	7/11/2020	1323
SPEAG	DAK-3.5	Dielectric Assessment Kit	9/11/2018	Annual	9/11/2019	1091

Measurement Uncertainty = $\pm 23\%$ (k=2)

	Name	Function	Signature
Calibrated By:	Brodie Halbfoster	Test Engineer	BRODIE HALBFOSTER
Approved By:	Kaitlin O'Keefe	Senior Technical Manager	30K

Object:	Date Issued:	Description 1
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DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

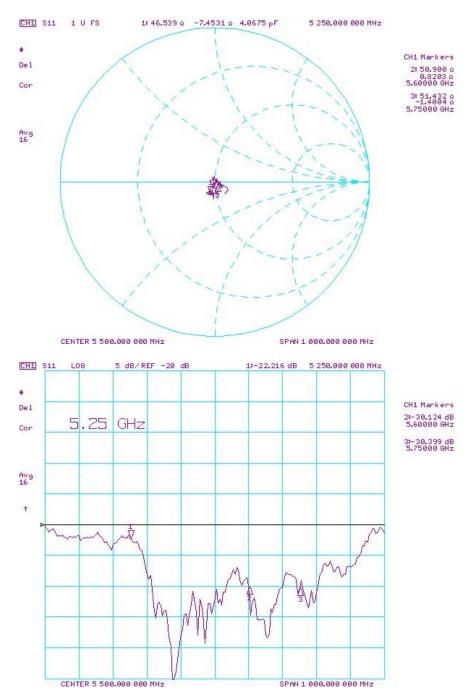
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 2-year calibration period from the calibration date:

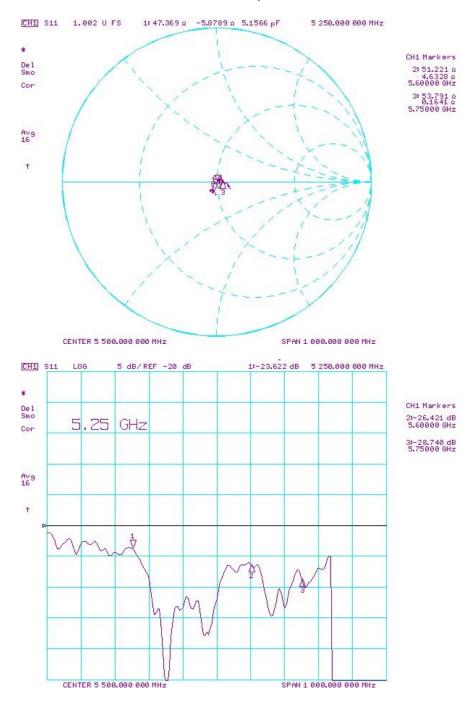
Frequ (MH		Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 17.0 dBm	Measured Head SAR (1g) W/kg @ 17.0 dBm	(96)	Certificate SAR Target Head (10g) W/kg @ 17.0 dBm	(10a) M//ka @	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real	Measured Impedance Head (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Head (Ohm) Imaginary	Measured Impedance Head (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)	Measured Return Loss Head (dB)	Deviation (%)	PASS/FAIL
525	50	8/10/2018	8/9/2019	1.195	4.065	3.81	-6.27%	1.18	1.09	-7.23%	47.5	46.5	1	-3.5	-7.5	4	-27	-22.2	17.70%	PASS
560	00	8/10/2018	8/9/2019	1.195	4.285	4.06	-5.25%	1.23	1.15	-6.12%	50.1	50.9	0.8	4.7	8.0	3.9	-26.7	-30.1	-12.80%	PASS
575	50	8/10/2018	8/9/2019	1.195	4.03	3.8	-5.71%	1.16	1.07	-7.36%	52.7	51.4	1.3	0.8	-1.4	2.2	-31.2	-30.4	2.60%	PASS
Frequ (MH		Calibration Date	Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Body (1g) W/kg @ 17.0 dBm	Measured Body SAR (1g) W/kg @ 17.0 dBm	(96)		Measured Body SAR (10g) W/kg @ 17.0 dBm	Deviation 10g (%)	Certificate Impedance Body (Ohm) Real	Measured Impedance Body (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Body (Ohm) Imaginary	Measured Impedance Body (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Body (dB)	Measured Return Loss Body (dB)	Deviation (%)	PASS/FAIL
525	50	8/10/2018	8/9/2019	1.195	3.78	3.52	-6.88%	1.06	0.981	-7.45%	46.5	47.4	0.9	-1.3	-5.9	4.6	-28.2	-23.6	16.20%	PASS
560	00	8/10/2018	8/9/2019	1.195	3.925	3.81	-2.93%	1.1	1.05	-4.55%	53.1	51.2	1.9	6.2	4.6	1.6	-23.5	-26.4	-12.40%	PASS
575	50	8/10/2018	8/9/2019	1.195	3.795	3.58	-5.67%	1.06	1	-5.66%	53.6	53.8	0.2	2.1	0.2	1.9	-27.9	-28.7	-3.00%	PASS

Object:	Date Issued:	Daga 2 of 4
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Impedance & Return-Loss Measurement Plot for Head TSL



Impedance & Return-Loss Measurement Plot for Body TSL



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Certification of Calibration

Object D5GHzV2 – SN: 1237

Calibration procedure(s) Procedure for Calibration Extension for SAR Dipoles.

Extended Calibration date: 08/10/2020

Description: SAR Validation Dipole at 5GHz

Calibration Equipment used:

Manufacturer	Model	Description	Cal Date	Cal Interval	Cal Due	Serial Number	
Control Company	4040	Therm./Clock/Humidity Monitor	6/29/2019	Biennial	6/29/2021	192291470	
Control Company	4352	Ultra Long Stem Thermometer	11/29/2018	Biennial	11/29/2020	181766816	
Amplifier Research	15S1G6	Amplifier	CBT	N/A	CBT	433971	
Narda	4772-3	Attenuator (3dB)	CBT	N/A	CBT	9406	
Agilent	85033E	3.5mm Standard Calibration Kit	6/6/2020	Annual	6/6/2021	MY53402352	
Rohde & Schwarz	ZNLE6	Vector Network Analyzer	10/11/2019	Annual	10/11/2020	101307	
Mini-Circuits	BW-N20W5+	DC to 18 GHz Precision Fixed 20 dB Attenuator	CBT	N/A	CBT	N/A	
SPEAG	DAKS-3.5	Portable DAK	9/10/2019	Annual	9/10/2020	1045	
Anritsu	MA2411B	Pulse Power Sensor	8/14/2019	Annual	8/14/2020	1315051	
Anritsu	MA2411B	Pulse Power Sensor	8/27/2019	Annual	8/27/2020	1339027	
Anritsu	ML2495A	Power Meter	12/17/2019	Annual	12/17/2020	941001	
Agilent	N5182A	MXG Vector Signal Generator	8/19/2019	Annual	8/19/2020	MY47420837	
Seekonk Inc	NC-100	Torque Wrench	8/4/2020	Biennial	8/4/2022	N/A	
MiniCircuits	ZHDC-16-63-S+	Bidirectional Coupler	CBT	N/A	CBT	N/A	
MiniCircuits	VLF-6000+	Low Pass Filter	CBT	N/A	CBT	N/A	
SPEAG	EX3DV4	SAR Probe	4/21/2020	Annual	4/21/2021	7357	
SPEAG	EX3DV4	SAR Probe	5/18/2020	Annual	5/18/2021	7538	
SPEAG	DAE4	Dasy Data Acquisition Electronics	6/1/2020	Annual	7/15/2021	1322	
SPEAG	DAE4	Dasy Data Acquisition Electronics	6/6/2020	Annual	4/15/2021	1407	

Measurement Uncertainty = ±23% (k=2)

	Name	Function	Signature
Calibrated By:	Brodie Halbfoster	Test Engineer	BRODIE HALBFOSTER
Approved By:	Kaitlin O'Keefe	Senior Technical Manager	20K

Object:	Date Issued:	Daga 1 of 1
D5GHzV2 – SN: 1237	08/10/2020	Page 1 of 4

DIPOLE CALIBRATION EXTENSION

Per KDB 865664 D01, calibration intervals of up to three years may be considered for reference dipoles when it is demonstrated that the SAR target, impedance and return loss of a dipole have remained stable according to the following requirements:

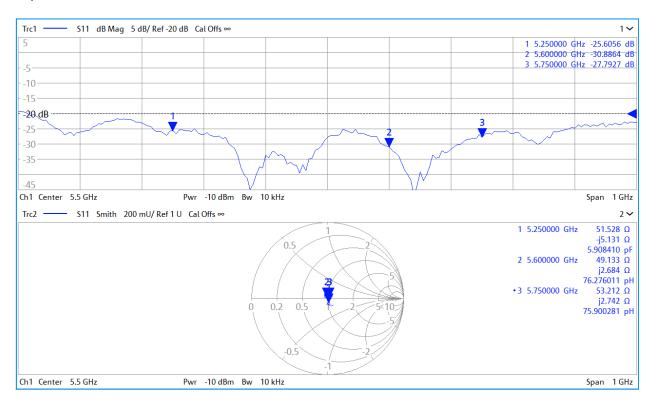
- 1. The measured SAR does not deviate more than 10% from the target on the calibration certificate.
- 2. The return-loss does not deviate more than 20% from the previous measurement and meets the required 20dB minimum return-loss requirement.
- 3. The measurement of real or imaginary parts of impedance does not deviate more than 5Ω from the previous measurement.

The following dipole was checked to pass the above 3 requirements to have 3-year calibration period from the calibration date:

Freque (MH		n Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Head (1g) W/kg @ 17.0 dBm	Measured Head SAR (1g) W/kg @ 17.0 dBm	(96)	Certificate SAR Target Head (10g) W/kg @ 17.0 dBm	(10a) M//ka @	Deviation 10g (%)	Certificate Impedance Head (Ohm) Real	Measured Impedance Head (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Head (Ohm) Imaginary	Measured Impedance Head (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Head (dB)	Measured Return Loss Head (dB)	Deviation (%)	PASS/FAIL
525	8/10/201	8/10/2020	1.195	4.065	3.69	-9.23%	1.18	1.06	-9.79%	47.5	51.5	4	-3.5	-5.1	1.6	-27	-25.6	5.20%	PASS
560	8/10/201	8/10/2020	1.195	4.285	4	-6.65%	1.23	1.13	-7.76%	50.1	49.1	1	4.7	2.7	2	-26.7	-30.9	-15.70%	PASS
575	8/10/201	8/10/2020	1.195	4.03	3.71	-7.94%	1.16	1.06	-8.23%	52.7	53.2	0.5	0.8	2.7	1.9	-31.2	-27.8	10.90%	PASS
Freque (MH		n Extension Date	Certificate Electrical Delay (ns)	Certificate SAR Target Body (1g) W/kg @ 17.0 dBm	M/ka @ 17.0	Deviation 1g (%)		Measured Body SAR (10g) W/kg @ 17.0 dBm	Deviation 10g (%)	Certificate Impedance Body (Ohm) Real	Measured Impedance Body (Ohm) Real	Difference (Ohm) Real	Certificate Impedance Body (Ohm) Imaginary	Measured Impedance Body (Ohm) Imaginary	Difference (Ohm) Imaginary	Certificate Return Loss Body (dB)	Measured Return Loss Body (dB)	Deviation (%)	PASS/FAIL
525	8/10/201	8/10/2020	1.195	3.78	3.58	-5.29%	1.06	1	-5.66%	46.5	48.7	2.2	-1.3	-2.4	1.1	-28.2	-31.6	-12.00%	PASS
560	8/10/201	8/10/2020	1.195	3.925	3.72	-5.22%	1.1	1.04	-5.45%	53.1	48.3	4.8	6.2	5.8	0.4	-23.5	-24.4	-3.70%	PASS
575	8/10/201	8/10/2020	1.195	3.795	3.57	-5.93%	1.06	0.99	-6.51%	53.6	54.7	1.1	2.1	3.5	1.4	-27.9	-24.7	11.50%	PASS

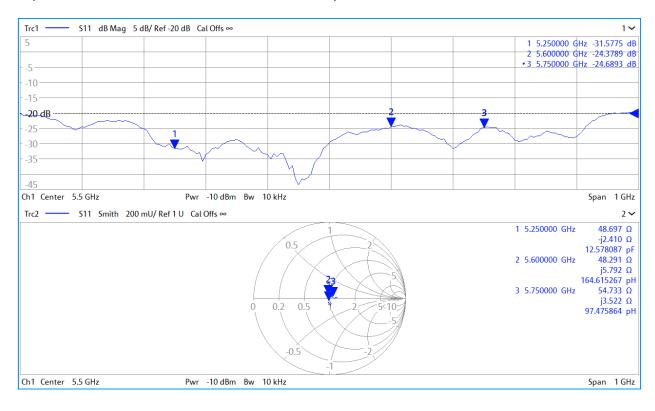
Object:	Date Issued:	Dogo 2 of 4
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Impedance & Return-Loss Measurement Plot for Head TSL



Object:	Date Issued:	Dogo 2 of 4
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Impedance & Return-Loss Measurement Plot for Body TSL



Object:	Date Issued:	Dogo 4 of 4
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Calibration Laboratory of Schmid & Partner **Engineering AG** Zeughausstrasse 43, 8004 Zurich, Switzerland





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Client

PC Test

Certificate No: EX3-7490_Dec19

CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7490

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

Calibration date:

December 13, 2019

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	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
Power sensor NRP-Z91	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-19 (No. 217-02894)	Apr-20
DAE4	SN: 660	07-Oct-19 (No. DAE4-660_Oct19)	Oct-20
Reference Probe ES3DV2	SN: 3013	31-Dec-18 (No. ES3-3013_Dec18)	Dec-19
Secondary Standards	ID .	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

Function Signature Calibrated by: Jeton Kastrati Laboratory Technician

Approved by: Katja Pokovic Technical Manager

Issued: December 13, 2019

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

Certificate No: EX3-7490_Dec19

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Zeughausstrasse 43, 8004 Zurich, Switzerland





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Service suisse d'étalonnage
Servizio svizzero di taratura
Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF

sensitivity in TSL / NORMx,y,z

DCP

diode compression point

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

Polarization φ

φ rotation around probe axis

Polarization 9

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

i.e., 9 = 0 is normal to probe axis

Connector Angle

information used in DASY system to align probe sensor X to the robot coordinate system

Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from hand-held and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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 ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

EX3DV4 -- SN:7490

DASY/EASY - Parameters of Probe: EX3DV4 - SN:7490

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) ²) ^A	0.39	0.44	0.51	± 10.1 %
DCP (mV) ⁸	102.3	97.6	100.2	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	165.6	± 3.5 %	± 4.7 %
		Y	0.00	0.00	1.00		170.7	_ = = 75	,~
		Z	0.00	0.00	1.00	1	166.3		
10352-	Pulse Waveform (200Hz, 10%)	Х	3.64	69.75	11.93	10.00	60.0	± 3.0 %	± 9.6 %
AAA		Y	1.74	62.73	8.83		60.0	_	v
		Z	7.83	78.13	15.23		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	15.00	83.89	15.28	6.99	80.0	± 2.2 %	± 9.6 %
AAA		Y	1.11	62.65	7.56		80,0		_ + - ,•
		Z	15.00	85.93	16.54		80.0		
10354-	Pulse Waveform (200Hz, 40%)	Х	15.00	87.02	15.36	3.98	95,0	± 1.3 %	± 9.6 %
AAA		Y	0.38	60.00	4.91		95.0		
		Z	15.00	90.25	17.19]	95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	15.00	112.81	25,64	2.22	120.0	± 1.1 %	± 9.6 %
AAA		Y	0.26	60.00	3.35		120.0		
		Z	15.00	96.78	18.91		120.0		
10387-	QPSK Waveform, 1 MHz	Х	0.46	60.00	6.61	0.00	150.0	± 3.4 %	±9.6 %
AAA		Υ	0.44	60.00	4.99		150.0		
		Z	0.49	60.00	6.61		150.0		
10388-	QPSK Waveform, 10 MHz	Х	2.30	69.91	17.06	0.00	150.0	± 1.2 %	± 9.6 %
AAA	SEARCH CONTRACTOR OF THE CONTR	Υ	1.90	66.78	15.06		150.0		
		Z	2.15	68.39	16.07		150.0		
10396-	64-QAM Waveform, 100 kHz	Х	2.26	67.65	17.73	3.01	150,0	± 2.4 %	± 9.6 %
AAA		Υ	2.00	66.30	17.55		150.0		
		Z	2.77	70.88	19.15		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.51	67.76	16.32	0.00	150.0	± 2.4 %	± 9.6 %
AAA		Υ	3.29	66.54	15.49		150.0		
		Z	3.45	67.25	15.93		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.72	66.01	15.87	0.00	150.0	± 4.2 %	± 9.6 %
AAA		Υ	4.58	65.45	15.48		150.0		
		Z	4.73	65.81	15.69		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%.

^B Numerical linearization parameter: uncertainty not required.

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

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

Sensor Model Parameters

	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	31.9	235.90	35.14	4.93	0.03	5.00	0.56	0.18	1.00
Υ	30.2	231.90	37.38	3.04	0.10	5.02	0.00	0.17	1.01
Z	34.1	255.28	35.79	6.87	0.00	5.04	1.49	0.11	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	-28
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

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	10.25	10.25	10.25	0.53	0.80	± 12.0 %
835	41.5	0.90	9.92	9.92	9.92	0.48	0.83	± 12.0 %
1750	40.1	1.37	8.74	8.74	8.74	0.29	0.86	± 12.0 %
1900	40.0	1.40	8.27	8.27	8.27	0.36	0.86	± 12.0 %
2300	39.5	1.67	8.16	8.16	8.16	0.31	0.90	± 12.0 %
2450	39.2	1.80	7.84	7.84	7.84	0.32	0.90	± 12.0 %
2600	39.0	1.96	7.64	7.64	7.64	0.36	0,90	± 12.0 %
3500	37.9	2.91	6.95	6.95	6.95	0.30	1.35	± 13.1 %
3700	37.7	3.12	6.72	6.72	6.72	0.30	1.35	± 13.1 %

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) 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 (ε and σ) 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 diameter from the boundary.

Calibration Parameter Determined in Body 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	55.5	0.96	10.37	10.37	10.37	0.31	1.05	± 12.0 %
835	55.2	0.97	10.18	10.18	10.18	0.40	0.80	± 12.0 %
1750	53.4	1.49	8.54	8.54	8.54	0.33	0.86	± 12.0 %
1900	53.3	1.52	8,22	8.22	8.22	0.39	0.86	± 12.0 %
2300	52.9	1.81	7.93	7.93	7.93	0.39	0.94	± 12.0 %
2450	52.7	1.95	7.79	7.79	7.79	0.33	0.93	± 12.0 %
2600	52.5	2.16	7.62	7.62	7.62	0.25	0.95	± 12.0 %
3500	51.3	3.31	6.58	6.58	6.58	0.40	1.35	± 13.1 %
3700	51.0	3.55	6.48	6.48	6.48	0.40	1.35	± 13.1 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

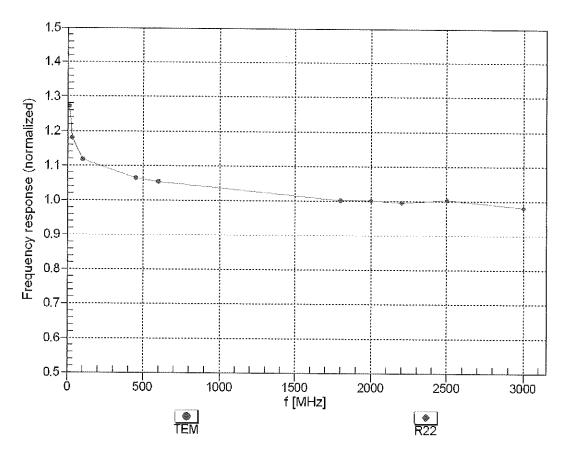
At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

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

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 diameter from the boundary.

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

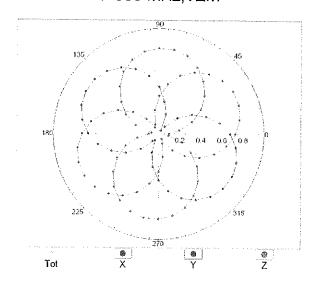


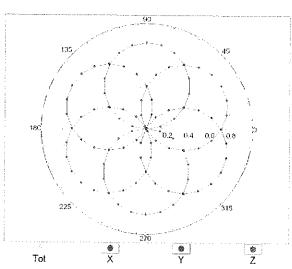
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

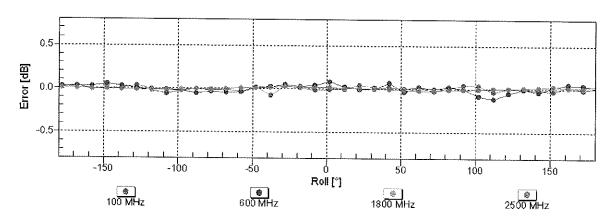
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

f=600 MHz,TEM

f=1800 MHz,R22

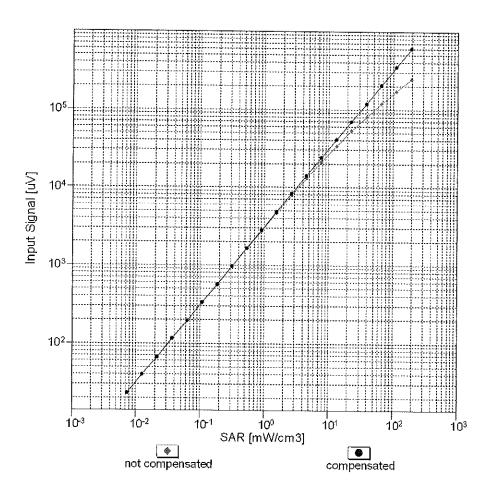


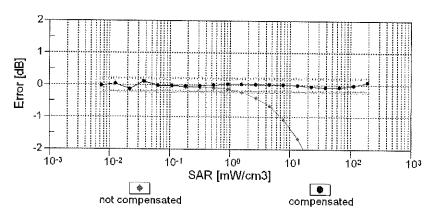




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

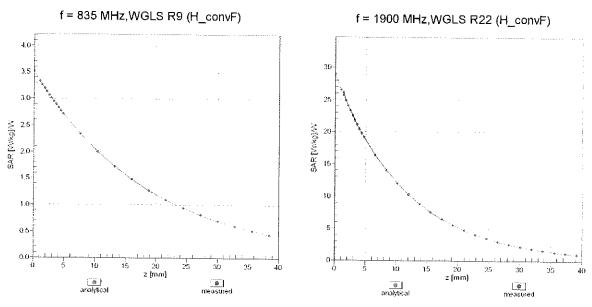
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



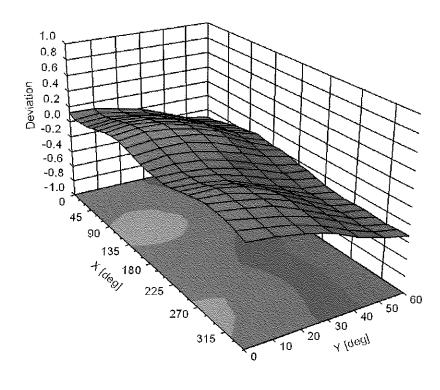


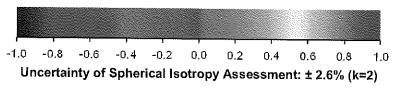
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



Deviation from Isotropy in Liquid Error (φ, θ), f = 900 MHz





EX3DV4-SN:7490

Appendix: Modulation Calibration Parameters

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 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	±96%
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	±9.6%
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9,57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	±9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6%
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6%
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	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	CAA	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	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	±9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	±9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	±9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	±9.6 %
10060	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 %
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	±9.6%
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6%
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	±9.6%
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	±9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	10.56	±96%
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9,83	±96%
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	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	±9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
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	9.29	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TOD	10.01	± 9.6 %
10105	UM13				

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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	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	±9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8,07	± 9.6 %
			WLAN		± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)		8.59	
10119	CAC	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-FDD	6.35	± 9.6 %
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10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	±9.6%
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
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10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	±9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6%
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
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10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
******************			LTE-FDD	6.43	
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)			± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	±9.6%
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6%
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	±9.6%
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
	+				
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
	-		·		‡
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
				 	
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
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	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
L	<u> </u>		·		4

10220 CAC	40000	1000	IFFF 000 dds /IIT Miss J 40 0 Mbs - 40 0 AAA	10// 023	0.40	
19222 CAG	10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
19222 CAC	10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
190230 CAC IEEE 802.11n (HT Mixed, 90 Mbps, 64-OAM)	10222	CAC	JEEE 802 11n (HT Mixed 15 Mhps BPSK)	MA IM		
19224 CAC IEEE B802.11n (HT Mixed, 150 Mbps, 84-QAM)						
10225 CAB UMIS-FOD (HSPA+) WCDMA 5.97 ±9.6 % 10227 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM) LTE-TDD 10.26 ±9.6 % 10228 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD 10.26 ±9.6 % 10229 CAD LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM) LTE-TDD 10.26 ±9.6 % 10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD 10.26 ±9.6 % 10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM) LTE-TDD 10.26 ±9.6 % 10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK) LTE-TDD 10.94 ±9.6 % 10231 CAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD 10.95 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 9.48 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 9.48 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 9.48 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 10.25 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 6-QAM) LTE-TDD 10.25 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 2 6-QAM) LTE-TDD 10.25 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 2 6-QAM) LTE-TDD 10.06 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 6 4-QAM) LTE-TDD 9.06 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.9		ļ				
19220 CAB				WLAN	8.08	± 9.6 %
1022P CAB	10225	CAB	UMTS-FDD (HSPA+)	WCDMA	5.97	± 9.6 %
19227 CAB			LTE-TOD (SC-EDMA 1 RB 1.4 MHz 16-OAM)			
19228 CAB					~~~	
10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, CPSK) LTE-TDD 9.19 ±9.6 % 10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, CPSK) LTE-TDD 9.19 ±9.6 % 10232 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 1 CAM) LTE-TDD 9.19 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-TDD 10.25 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-TDD 10.25 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-CAM) LTE-TDD 10.25 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.48 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.26 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10241 CAB LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10241 CAB LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-TDD 9.82 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-TDD 9.86 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-TDD 9.86 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-TDD 9.86 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-CAM) LTE-TDD 9.86 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-CAM) LTE-TDD 9.86 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-CAM) LTE-TDD 9.30 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-CAM) LTE-TDD 9.30 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.30 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.40 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.81					10.26	
10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-CAM)	10228	CAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-TDD	9.22	±9.6%
10230 CAO LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-CAM)	10229	CAD		LTE-TDD	0.48	
10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, CPSK) LTE-TDD 9.18 ± 9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 1 GA-CAM) LTE-TDD 10.25 ± 9.6 % 10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 1 GA-CAM) LTE-TDD 10.25 ± 9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 1 GA-CAM) LTE-TDD 9.21 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 9.21 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 10.25 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 10.25 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 9.48 ± 9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 9.48 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 9.48 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 GA-CAM) LTE-TDD 9.48 ± 9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MBZ, 2 GA-CAM) LTE-TDD 9.48 ± 9.6 % 10242 CAB LTE-TDD (SC-FDMA, 1 RB, 1 MBZ, 2 GA-CAM) LTE-TDD 9.21 ± 9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1 AM Hz, 16-CAM) LTE-TDD 9.26 ± 9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1 AM Hz, 4 GA-CAM) LTE-TDD 9.46 ± 9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 4 GPSK) LTE-TDD 9.46 ± 9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 4 GPSK) LTE-TDD 9.46 ± 9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 4 GPSK) LTE-TDD 9.46 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 4 GPSK) LTE-TDD 9.30 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 4 GPSK) LTE-TDD 9.30 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.30 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.30 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.30 ± 9.6 % 10246 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.30 ± 9.6 % 10246 CAG LTE-TDD						
10233 CAG						
10234 CAG		CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10234 CAG	10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTF-TDD	9 48	
10234 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 1-G-OAM) LTE-TDD 9.48 ±9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 1-G-OAM) LTE-TDD 10.25 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-OAM) LTE-TDD 9.48 ±9.6 % 10238 CAF LTE-TDD SC-FDMA, 1 RB, 10 MHz, 64-OAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD SC-FDMA, 1 RB, 10 MHz, 64-OAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD SC-FDMA, 1 RB, 15 MHz, 64-OAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD SC-FDMA, 1 RB, 15 MHz, 64-OAM) LTE-TDD 9.21 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM) LTE-TDD 9.21 ±9.6 % 10241 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 9.21 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 9.86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 9.86 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 9.46 ±9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 9.46 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 9.30 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.30 ±9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.30 ±9.6 % 10249 CAG LTE-TDD SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.30 ±9.6 % 10249 CAG LTE-TDD SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.90 ±9.6 % 10249 CAG LTE-TDD SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.90 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.90 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 9.90 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 64-OAM) LTE-TDD 9.90 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 15 MHz, 64-OAM) LTE-TDD 9.90 ±9.6 % 10250 CAG						
10235 CAG						*******************
10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD 9.21 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD 9.48 ±9.6 % 10239 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 9.48 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD 9.21 ±9.6 % 10241 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.22 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.46 ±9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.46 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0.4 CAM) LTE-TDD 9.30 ±9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0.4 CAM) LTE-TDD 9.30 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 9.90 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.06 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 9.91 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.09 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.10 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.10 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 0.4 CAM) LTE-TDD 10.11 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 0.4 CAM) LTE-TDD 10.10 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 0.4 CAM) LTE-TDD 10.10 10.7 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 15 MHz, 0.4 CAM) LTE-TDD 10.10 10.9 6 % 10250 CAG LTE-TDD SC-FDMA, 100% RB, 15 MHz, 0.4 CAM)	10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	±9.6%
10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD 9.21 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK) LTE-TDD 9.48 ±9.6 % 10239 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 9.48 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD 9.21 ±9.6 % 10241 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.22 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.46 ±9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.46 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0.4 CAM) LTE-TDD 9.30 ±9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0.4 CAM) LTE-TDD 9.30 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 9.90 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.06 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 9.91 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.09 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.10 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0.4 CAM) LTE-TDD 10.10 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 0.4 CAM) LTE-TDD 10.11 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 0.4 CAM) LTE-TDD 10.10 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 10 MHz, 0.4 CAM) LTE-TDD 10.10 10.7 ±9.6 % 10250 CAG LTE-TDD SC-FDMA, 50% RB, 15 MHz, 0.4 CAM) LTE-TDD 10.10 10.9 6 % 10250 CAG LTE-TDD SC-FDMA, 100% RB, 15 MHz, 0.4 CAM)	10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTF-TDD	9.48	+96%
10238 CAG LTE-TDD (SC-FDMA, 1 RB, 15 MHz, G-GAM) LTE-TDD 9,21 ±9,6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 6-QAM) LTE-TDD 9,22 ±9,6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD 10,25 ±9,6 % 10241 CAB LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-TDD 9,21 ±9,6 % 10242 CAB LTE-TDD (SC-FDMA, 1 RB, 16 MHz, QPSK) LTE-TDD 9,22 ±9,6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 16-QAM) LTE-TDD 9,82 ±9,6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1,4 MHz, 64-QAM) LTE-TDD 9,86 ±9,6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 9,46 ±9,6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 9,46 ±9,6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10,06 ±9,6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10,06 ±9,6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 9,30 ±9,6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10,09 ±9,6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10,09 ±9,6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10,09 ±9,6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10256 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9,20 ±9,6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz,						
10238 CAF						
10239 CAF		<u> </u>		LIE-IDD	9.21	± 9.6 %
10239 CAF	10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10240 CAB LTE-TDD (SC-FDMA, 1 RB, 16 MHz, OPSK) LTE-TDD 9,21 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-TDD 9,86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9,86 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK) LTE-TDD 0,96 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 0,06 ±9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 0,06 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0,000 LTE-TDD 0,06 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0,000 LTE-TDD 0,06 ±9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10,000 LTE-TDD 0,00 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10,000 LTE-TDD 0,00 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10,000 LTE-TDD 0,00 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAG LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10255 CAB LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 0,000 LTE-TDD 0,00 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 0,000 LTE-TDD 0,00		}				
10241 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.80 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ±9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ±9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.30 ±9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.10 ±9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.11 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.20 ±9.6 % 10254 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ±9.6 % 10266 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ±9.6 % 10266 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ±9.6 % 10266 CAB LTE-TDD (SC						
10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GPSK)						
10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GPSK)	10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6%
102243 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 9.46 ± 9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK) LTE-TDD 9.30 ± 9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.30 ± 9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.20 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.29 ± 9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.29 ± 9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 10.17 ± 9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 16-QAM) LTE-TDD 10.17 ± 9.6 % 10254 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.00 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.00 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 10.14 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.00 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QFSK) LTE-TDD 9.00 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QFSK) LTE-TDD 9.00 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QFSK) LTE-TDD 9.90 ± 9.6 % 10259 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10259 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10260 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10260 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10260 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ± 9.6 % 10260 CAG	10242	CAR				
10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.06 ±9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 9.30 ±9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.91 ±9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM) LTE-TDD 9.92 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM) LTE-TDD 9.81 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 40-QAM) LTE-TDD 9.81 ±9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 40-QAM) LTE-TDD 9.81 ±9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 40-QAM) LTE-TDD 9.24 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 40-QAM) LTE-TDD 9.24 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.24 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 20-QFSK) LTE-TDD 9.20 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.20 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.20 ±9.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.96 ±9.6 % 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ±9.6 % 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.99 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.94 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.99 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100						
10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.06 9.9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.30 19.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 10.09 19.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 26-QAM) LTE-TDD 10.09 19.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 20-QAM) LTE-TDD 10.09 19.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 20-QAM) LTE-TDD 9.29 19.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 10.17 19.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 10.17 19.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 20-QAM) LTE-TDD 10.17 19.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 20-QAM) LTE-TDD 10.17 19.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.90 19.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.11 19.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 19.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.20 19.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.96 19.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.96 19.6 % 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 9.94 19.6 % 10259 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.94 19.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.94 19.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.94 19.6 % 10260 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.92 19.6 % 10260 CAG LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.92 19.6 % 10260 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.23 19.6 % 10260 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.23 19.6 % 10260 CAG LTE-TD					· · · · · · · · · · · · · · · · · · ·	
10246				LTE-TDD	<u>10.0</u> 6	± 9.6 %
10246	10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	+96%
10247 CAG						
10248 CAG						
10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ±9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ±9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.90 ±9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 10.14 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.20 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.96 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 10.04 ±9.6 % 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GA-QAM) LTE-TDD 10.08 ±9.6 % 10259 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GA-QAM) LTE-TDD 10.08 ±9.6 % 10259 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ±9.6 % 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ±9.6 % 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ±9.6 % 10261 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ±9.6 % 10260 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.24 ±9.6 % 10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.24 ±9.6 % 10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 10.16 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 10.16 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.16 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.16 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.16 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.13 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA,	}		LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10249 CAG	10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	±9.6%
10250 CAG	10249	CAG				
10251 CAG						
10252					9.81	± 9.6 %
10252 CAG	10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10253	10252	CAG			9.24	
10254 CAF						
10255 CAF						
10256 CAB		CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	±9.6%
10256 CAB	10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TOD	9.20	
10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9.6 % 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9.6 % 10259 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9.6 % 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ± 9.6 % 10261 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ± 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, QPSK) LTE-TDD 10.16 ± 9.6 % 10264 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.92 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ± 9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)						
10258 CAB			···· · · · · · · · · · · · · · · · · ·		***************************************	
10259 CAD		CAB		LTE-TDD	10.08	±9.6%
10259 CAD	10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	+9.6%
10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9.6 % 10261 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10262 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9.6 % 10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.6 % 10264 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.92 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ± 9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPS		 	<u> </u>			
10261 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10262 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9.6 % 10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.6 % 10264 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.92 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ± 9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.13 ± 9.6 % 10271 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz,						
10262 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ±9.6 % 10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ±9.6 % 10264 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ±9.6 % 10265 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.92 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ±9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ±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 10.10 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.13 ±9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ±9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)<		CAD		LTE-TDD	9.97	
10262 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ±9.6 % 10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ±9.6 % 10264 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ±9.6 % 10265 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.92 ±9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ±9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ±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 10.10 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.13 ±9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ±9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)<	10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10263 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.6 % 10264 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.92 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ± 9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 10.13 ± 9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.96 ± 9.6 % 10276 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5)						
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10266 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ± 9.6 % 10267 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58 ± 9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.96 ± 9.6 % 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.39 <t< td=""><td>10265</td><td>CAG</td><td>LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)</td><td>LTE-TDD</td><td>9.92</td><td>±9.6%</td></t<>	10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	±9.6%
10267 CAG LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58 ± 9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.96 ± 9.6 % 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.50 ± 9.6 % </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58 ± 9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.96 ± 9.6 % 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 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 %						
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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 %		***************************************				
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 %					· · · · · · · · · · · · · · · · · · ·	
10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %				· · · · · · · · · · · · · · · · · · ·		
10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %		AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
	10298	AAD				
10299 AAD LIE-FDD (30-FDIMA, 30% ND, 3 MRZ, 10-QAM) LIE-FDD 6.39 ± 9.6 %					***************************************	
	10233	1 ~~~	LILTIDD (OCT DIMA, 30 /8 ND, 3 MITZ, TO-WAIM)	L1#-LNN	L 0.38	I 5.0 %

10301 AAA	40000	1 0 0 0	LITE EDD (OO EDMA FOX ED ONL)	1		T
19302	10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
Symbols Symb		- [
19393	10302	AAA		WiMAX	12.57	±9.6%
19304 AAA	10000					
10300		<u> </u>	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)			
Symbols 14,67 29,6 % Symbols 14,67 29,6 % Symbols 14,67 29,6 % Symbols 14,49 29,6 % Symbols 14,40 29,6 % Symbols 14,40 29,6 % Symbols 14,40 29,6 % Symbols 14,50 Symbols 15,50 S						
10300	10305	AAA		WIMAX	15.24	± 9.6 %
Symbols AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, CPSK, PUSC, 18 WiMAX 14.49 ± 9.6 % Symbols AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 16CAM, PUSC) WiMAX 14.46 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 16CAM, AMC 2x3, 18 WiMAX 14.59 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 16CAM, AMC 2x3, 18 WiMAX 14.59 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 16CAM, AMC 2x3, 18 WiMAX 14.57 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 10PSK, AMC 2x3, 18 WiMAX 14.57 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 0PSK, AMC 2x3, 18 WiMAX 14.57 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 0PSK, AMC 2x3, 18 WiMAX 14.57 ± 9.6 % AA IEEE 802 16e WiMAX (29:18, 10ms, 10MHz, 0PSK, AMC 2x3, 18 WiMAX 14.57 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 13.49 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 13.49 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 8.36 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 8.36 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 8.36 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 8.36 ± 9.6 % AA IEEE 802 11m WiFi 24 GHz (EPSP-0FDM, 6 Mbps, 96pc duty cycle) WiMAN 8.36 ± 9.6 % AA Pulse Waveform (200Hz, 40%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 40%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 60%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 60%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 80%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 80%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 80%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 80%) Generic 10.00 ± 9.6 % AA Pulse Waveform (200Hz, 80%) Generic						
10309	10306	AAA		WiMAX	14,67	±9.6 %
10309 AAA IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16OAM, PUSC)						
10309	10307	AAA		WiMAX	14.49	±9.6 %
10309						
10310		·			14.46	
10310	10309	AAA		WiMAX	14.58	± 9.6 %
Symbols						
19311 AAD LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	10310	AAA		WiMAX	14.57	± 9.6 %
10314 AAA DEN 1:3						
10314 AAA DEN 1:6 IDEN 13:48 ± 9.6 % 10315 AAB EEE 802.116 WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) WLAN 1.71 ± 9.6 % 10316 AAB IEEE 802.119 WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle) WLAN 8.36 ± 9.6 % 10317 AAC IEEE 802.119 WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle) WLAN 8.36 ± 9.6 % 10352 AAA Pulse Waveform (200Hz, 10%) Generic 10.00 ± 9.6 % 10352 AAA Pulse Waveform (200Hz, 20%) Generic 6.99 ± 9.6 % 10353 AAA Pulse Waveform (200Hz, 40%) Generic 3.98 ± 9.6 % 10354 AAA Pulse Waveform (200Hz, 40%) Generic 2.22 ± 9.6 % 10356 AAA Pulse Waveform (200Hz, 60%) Generic 2.22 ± 9.6 % 10356 AAA Pulse Waveform (200Hz, 60%) Generic 2.22 ± 9.6 % 10356 AAA Pulse Waveform (200Hz, 60%) Generic 5.10 ± 9.6 % 10356 AAA Pulse Waveform (200Hz, 60%) Generic 5.10 ± 9.6 % 10358 AAA QPSK Waveform, 10 MHz Generic 5.10 ± 9.6 % 10359 AAA 64-QAM Waveform, 100 Htz Generic 6.27 ± 9.6 % 10399 AAA 64-QAM Waveform, 40 MHz Generic 6.27 ± 9.6 % 10400 AAD IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) WLAN 8.60 ± 9.6 % 10400 AAD IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) WLAN 8.60 ± 9.6 % 10400 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 3.76 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB CDMA2000 (TxX-V-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10404 AAB IEEE 802.110 WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.43 ± 9.6 % 10404				LTE-FDD	6.06	± 9.6 %
10315				iDEN	10.51	± 9.6 %
10316				iDEN	13.48	± 9.6 %
10316		AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6 %
10317 AAC IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)			
10352	10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)			
10353	10352	AAA				
10354						
10355						
10356						
10387						
10388 AAA QPSK Waveform, 10 MHz Generic 5.22 ±9.6 % 10399 AAA 64-QAM Waveform, 10 MHz Generic 6.27 ±9.6 % 10400 AAD IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) WLAN 8.37 ±9.6 % 10401 AAD IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) WLAN 8.37 ±9.6 % 10402 AAD IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) WLAN 8.53 ±9.6 % 10403 AAD IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) WLAN 8.53 ±9.6 % 10403 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 3.76 ±9.6 % 10404 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 3.77 ±9.6 % 10404 AAB CDMA2000 (1xEV-DO, Rev. A) CDMA2000 3.77 ±9.6 % 10410 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL LTE-TDD 7.82 ±9.6 % Subframe=2,3,4,7,8,9, Subframe Conf=4) LTE-TDD 7.82 ±9.6 % 10414 AAA WLAN CDF, 64-QAM, 40MHz Generic 8.54 ±9.6 % 10415 AAA IEEE 802.11b WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 1.54 ±9.6 % 10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 % 10422 AAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.14 ±9.6 % 10423 AAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, WLAN 8.14 ±9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.47 ±9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ±9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 49.6 Mbps, 99pc duty cycle, WLAN 8.41 ±9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 50 Mbps, 99pc duty cycle, WLAN 8.41 ±9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 50 Mbps, 99pc duty cycle, WLAN 8.45 ±9.6 % 10433 AAC LTE-FDD (OFDMA, 5 Mtz, E-TM 3.1) LTE-FDD 8.38 ±		<u> </u>				
10396		}		 		
10399						
10400 AAD IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle) WLAN 8.37						
10401 AAD IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle) WLAN 8.50 ± 9.6 % 10402 AAD IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) WLAN 8.53 ± 9.6 % 10403 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 3.76 ± 9.6 % 10404 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 5.22 ± 9.6 % 10406 AAB CDMA2000, RC3, S032, SCHO, Full Rate CDMA2000 5.22 ± 9.6 % 10410 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL LTE-TDD 7.82 ± 9.6 % 10410 AAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL LTE-TDD 7.82 ± 9.6 % 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 duty cycle) WLAN 8.23 ± 9.6 % 10416 AAA IEEE 802.11g WiFi 2.4 GHz (DFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10417 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10418 AAA IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.14 ± 9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.47 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 50 Mbps, 16-QAM) WLAN 8.41 ± 9.6 % 10427 AAB IEEE 802.11n (HT Greenfield, 50 Mbps, 16-QAM) WLAN 8.41 ± 9.6 % 10427 AAB IEEE 802.11n (HT Greenfield, 150 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10427 AAB IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.38 ± 9.6 % 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ± 9.6 % 10448 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 7.50 ± 9.6 % 10					6.27	
10402 AAD IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle) WILAN 8.53 ±9.6 % 10403 AAB CDMA2000 (1xEV-DO, Rev. 0) CDMA2000 3.76 ±9.6 % 10404 AAB CDMA2000 (1xEV-DO, Rev. A) CDMA2000 3.77 ±9.6 % 10406 AAB CDMA2000 (1xEV-DO, Rev. A) CDMA2000 5.22 ±9.6 % 10410 AAB CDMA2000 (1xEV-DO, Rev. A) CDMA2000 5.22 ±9.6 % 10410 AAB CDMA2000 (1xEV-DO, Rev. A) CDMA2000 5.22 ±9.6 % 10410 AAB CDMA2000 AAB CDMA2000 AAB CDMA2000 AAB LTE-TDD (8C-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe-2,3.4,7.8,9, Subframe Conf=4) LTE-TDD 7.82 ±9.6 % 10414 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) WLAN 1.54 ±9.6 % 10415 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 % 10416 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ±9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.14 ±9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.14 ±9.6 % 10420 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.19 ±9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ±9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.41 ±9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.41 ±9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) WLAN 8.41 ±9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.41 ±9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-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, 5 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 % 10433 AAC LTE-FDD (OFDMA, 16 MHz, E-TM 3.1) LTE-FDD 7.56 ±9.6 %				WLAN	8.37	±9.6 %
10402 AAB				WLAN	8.60	± 9.6 %
10403 AAB		ļ		WLAN	8.53	± 9.6 %
10404 AAB CDMA2000 (1xEV-DO, Rev. A)		AAB		CDMA2000		
10406 AAB CDMA2000, RC3, SO32, SCH0, Full Rate CDMA2000 5.22 ±9.6 %	10404	AAB	CDMA2000 (1xEV-DO, Rev. A)			
10410	10406	AAB				
Subframe=2,3,4,7,8,9, Subframe Conf=4)	10410					
10414 AAA WLAN CCDF, 64-QAM, 40MHz Generic 8.54 ± 9.6 % 10415 AAA IEEE 802.11b WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 1.54 ± 9.6 % 10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10417 AAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.14 ± 9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 ± 9.6 % 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.41 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.41 ± 9.6 %				112 100	7.02	2 3.0 70
10415 AAA IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) WLAN 1.54 ± 9.6 % 10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10417 AAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 ± 9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.19 ± 9.6 % 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 75 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.	10414	AAA		Generic	8.54	+96%
10416 AAA IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10417 AAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.14 ± 9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.19 ± 9.6 % 10419 AAB IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.19 ± 9.6 % 10422 AAB IEEE 802.11g (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, 64-QAM) WLAN 8.47 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, 64-QAM) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10427 AAB IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 ± 9.6 %		 				
10417 AAB IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) WLAN 8.23 ± 9.6 % 10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 ± 9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.19 ± 9.6 % 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.6 % 10427 AAB 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 % 10			IEEE 802.11a WiEi 2.4 CHz (EDD OEDM 6 Mbps, 00ps duty cycle)			
10418 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) WLAN 8.14 ± 9.6 % 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.19 ± 9.6 % 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 ± 9.6 % 10427 AAB 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 8.34 ± 9.6 % 10432 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td></td<>						
Long preambule) 10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.6 % 10427 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.41 ± 9.6 % 10430 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28 ± 9.6 % 10431 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 20 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 Subframe=2,3,4,7,8,9) 10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 %			IEEE 902.11a WiEi 2.4 CHz (DESS OFDM 6 Mbzz 00-2 data and			
10419 AAA IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) WLAN 8.19 ± 9.6 % 10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ± 9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.6 % 10427 AAB 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 8.34 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 1 RB, 20 MHz, QPSK, UL LTE-TDD 7.82 ± 9.6 % <t< td=""><td>10410</td><td>777</td><td></td><td>WLAN</td><td>8.14</td><td>± 9.6 %</td></t<>	10410	777		WLAN	8.14	± 9.6 %
Short preambule	10/10	ΔΛΛ		1011 0.11	0.10	
10422 AAB IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) WLAN 8.32 ±9.6 % 10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ±9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ±9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ±9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ±9.6 % 10427 AAB 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 8.34 ±9.6 % 10432 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ±9.6 % 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 7.82 ±9.6 % 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-FDD 7.56 ±9.6 % 10448 AAD <td>10419</td> <td>~~~</td> <td></td> <td>VVLAN</td> <td>8.19</td> <td>± 9.6 %</td>	10419	~~~		VVLAN	8.19	± 9.6 %
10423 AAB IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) WLAN 8.47 ± 9.6 % 10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.6 % 10427 AAB 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 8.34 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 20 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 % 10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ± 9.6 % 10449 AAC LTE	10422	AAD		180 631		
10424 AAB IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) WLAN 8.40 ± 9.6 % 10425 AAB IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) WLAN 8.41 ± 9.6 % 10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.6 % 10427 AAB 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 8.34 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ± 9.6 % 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL LTE-FDD 7.56 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.53 ± 9.6 % 10449 AAC LTE-FDD						
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10426 AAB IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) WLAN 8.45 ± 9.6 % 10427 AAB 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 8.34 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ± 9.6 % 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 %			IEEE 802.11n (HT Greentield, 72.2 Mbps, 64-QAM)		8.40	
10427 AAB 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 8.34 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ± 9.6 % 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.52 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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, Clipping 44%) LTE-FDD 7.53 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 %					8.41	± 9.6 %
10427 AAB IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) WLAN 8.41 ± 9.6 % 10430 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28 ± 9.6 % 10431 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 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 Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.56 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 %					8.45	± 9.6 %
10430 AAD LTE-FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD 8.28 ± 9.6 % 10431 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ± 9.6 % 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,34,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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, Clipping 44%) LTE-FDD 7.53 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 %				WLAN	8.41	
10431 AAD LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD 8.38 ± 9.6 % 10432 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10433 AAC LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD 8.34 ± 9.6 % 10434 AAA W-CDMA (BS Test Model 1, 64 DPCH) WCDMA 8.60 ± 9.6 % 10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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, Clipping 44%) LTE-FDD 7.53 ± 9.6 % 10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%) LTE-FDD 7.51 ± 9.6 %						
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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 Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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, Clipping 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 %	10432	AAC				
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 Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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, Clipping 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 %						
10435 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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, Clipping 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 %						
Subframe=2,3,4,7,8,9) LTE-FDD 7.56 ± 9.6 % 10447 AAD LTE-FDD (OFDMA, 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 %			LTE-TDD (SC-FDMA 1 RB 20 MHz OPSK 11)			
10447 AAD LTE-FDD (OFDMA, 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 %		1 - "		-IL*IUU	1.02	± 3.0 %
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 %	10447	ΑΔΠ		LTEFOR	7.50	1000
10449 AAC LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%) LTE-FDD 7.51 ± 9.6 %						
10150 1400 155 555 555 555 555 555 555 555 555 5						
10400 ANO LTE-FDD (OFDMA, 20 MHZ, E-1M 3.1, Clipping 44%) LTE-FDD 7.48 ± 9.6 %					***************************************	
	10400	LAAC	LIL-I DD (OFDINIA, ZU IVIAZ, E-TIVI 3.1, Clipping 44%)	LIE-FUD	7.48	± 9.6 %

10466 AAB	10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10467						
10469					***************************************	
10499 AAA DMA/2000 (1xEV-DO, Rev. B, 3 carriers) DMA/2000 8.25 \$9.6 % 10461 AAB LTE-TDD (NCDMA, AIR) WCDMA 2.39 \$9.6 % 10461 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL LTE-TDD 7.82 \$9.6 % Subframe=2,34,78,9) LTE-TDD 8.30 \$9.6 % Subframe=2,34,78,9) LTE-TDD Subframe=	10458					
10460 AAA UMTS-FDD (VODMA, AMR) UTS-FDD (VODMA, AMR) LTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, QPSK, UL LTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, QPSK, UL LTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM, UL LTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM, UL LTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, 16-QAM, UL LTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, 64-QAM, UL LTE-TDD (SC-FOMA, 1 RB, 3 MHz, 64-QAM, UL LTE-TDD (SC-FOMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD (SC-FOMA, 1 RB, 1 SMHz, 64-QAM, UL LTE-TDD (SC-FOMA,	10459	AAA				
Subframe=2,3,4,7,8,9 LTE-TDD 8.30		AAA		WCDMA	2.39	
10462 AAB	10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
10463 AAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL LTE-TDD 7.82 ± 9.6 % Subframe-2,3.4,7.8,9 10464 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL LTE-TDD 7.82 ± 9.6 % Subframe-2,3.4,7.8,9 10465 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe-2,3.4,7.8,9 10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe-2,3.4,7.8,9 10467 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD 7.82 ± 9.6 % Subframe-2,3.4,7.8,9 10468 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe-2,3.4,7.8,9 10469 AAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD 8.56 ± 9.6 % Subframe-2,3.4,7.8,9 10470 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe-2,3.4,7.8,9 10471 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe-2,3.4,7.8,9 10472 AAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe-2,3.4,7.8,9 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe-2,3.4,7.8,9 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe-2,3.4,7.8,9 Subframe			Subframe=2,3,4,7,8,9)		*******	
10463 AAB	10462	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL	LTE-TDD	8.30	± 9.6 %
Subframe-2,3,4,7,8,9						
10464 AAC	10463	AAB		LTE-TDD	8.56	± 9.6 %
Subframe-2,3,4,7,8,9	10464	1			7.00	1000
10466	10404	AAC		LIE-IUU	7.82	± 9.6 %
Subframe=2,3,4,7,8,9	10465	ΔΔΟ		I TE TOO	8 30	±0 € %
10466 AAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL LTE-TDD 7.82 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD 8.56 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL LTE-TDD 8.56 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL LTE-TDD 8.32 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe=2,34,7.8.9 Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe=2,34,7.8.9 Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD 8.32 ± 9.6 % Subframe=2,34,7.8.9 Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,34,7.8.9 Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,34,7.8.9 Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD 8.57 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.18 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.45 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD 8.45 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL LTE-TDD 8.45 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL LTE-TDD 8.47 ± 9.6 % Subframe=2,34,7.8.9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, U	10400	^^	Subframe=2 3 4 7 8 9)	[12-100	0.32	19.0 %
Subframe=2,3,4,7,8,9	10466	AAC		LTE-TOD	8.57	+96%
10467	10-100	/ " "			0.07	3,0 /0
Subframe=2,3,4,7,9,9	10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UI	I TE-TDD	7.82	+96%
10468			Subframe=2,3,4,7,8,9)			1 0/0 /0
Subframe=2,3,4,7,8,9	10468	AAF		LTE-TDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL SUBframe=2,3,4,7			Subframe=2,3,4,7,8,9)			
10470	10469	AAF		LTE-TDD	8.56	±9.6%
Subframe=2,3,4,7,8,9			Subframe=2,3,4,7,8,9)			
10471	10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL LTE-TDD S.57			Subframe=2,3,4,7,8,9)			
10472	10471	AAF		LTE-TDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL LTE-TDD 7.82 ±9.6 % Subframe=2,3,4,7,8,9 Subframe=	10170		Subtrame=2,3,4,7,8,9)			
10473	10472	AAF		LIE-IDD	8.57	± 9.6 %
Subframe=2,3,4,7,8,9	10472	AAE		1 7 T T T T T T T T T T T T T T T T T T	7 00	1060/
10474	10473	AAE		LIE-IDD	1.02	£ 9.0 %
Subframe=2,3,4,7,8,9	10474	ΔΔE	LTE-TDD (SC-EDMA 1 RR 15 MHz 16-OAM III	I TE-TOD	8 32	+96%
10475	10-11-1	/ 0 1			0.02	2 3.0 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK, UL Subframe=2,3,4,7,8,9	10475	AAE		LTF-TDD	8.57	+96%
10477					_, _,	
10478	10477	AAF		LTE-TDD	8.32	±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QA			Subframe=2,3,4,7,8,9)			
10479 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL LTE-TDD LTE-TDD 8.18 ± 9.6 % 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL LTE-TDD LTE-TDD 7.71 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.5	10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.57	±9.6 %
Subframe=2,3,4,7,8,9						
10480 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.18 ± 9.6 % 10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.60 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 % 10490 AAF LTE-TDD (SC-F	10479	AAB		LTE-TDD	7.74	±9.6%
Subframe=2,3,4,7,8,9		ļ <u>.</u>				
10481 AAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.45 ± 9.6 % 10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10480	AAB		LTE-TDD	8.18	± 9.6 %
Subframe=2,3,4,7,8,9	10101	1		, TE TOD	0.45	
10482 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.71 ± 9.6 % 10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10481	AAB		LIE-IDD	8.45	± 9.6 %
Subframe=2,3,4,7,8,9	10402	1000	Subtrame=2,3,4,7,6,9)	LTC TOO	7 74	1.0.6.9/
10483 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.39 ± 9.6 % 10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10402	AAC		LIE-IDD	7.71	I 9.0 %
Subframe=2,3,4,7,8,9	10483	AAC	TE-TDD (SC-EDMA 50% RR 3 MHz 46-OAM III	I TE-TOD	8 30	+06%
10484 AAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.47 ± 9.6 % 10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10700	,,,,,		LIL-100	0.09	± 3.0 /0
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10	10484	AAC	LTE-TDD (SC-FDMA 50% RB 3 MHz 64-OAM UI	LTF-TDD	8 47	+96%
10485 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.59 ± 9.6 % 10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.60 ± 9.6 % 10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10101	7.0.0	Subframe=2.3.4.7.8.9)		0.71	20.070
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, SDMA,	10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL	LTE-TDD	7.59	± 9,6 %
10486 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.38 ± 9.6 % 10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.60 ± 9.6 % 10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %			Subframe=2,3,4,7,8,9)			
10487 AAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.60 ± 9.6 % 10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.38	± 9.6 %
Subframe=2,3,4,7,8,9) 10488 AAF			Subframe=2,3,4,7,8,9)			
10488 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.70 ± 9.6 % 10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL	LTE-TDD	8,60	± 9.6 %
Subframe=2,3,4,7,8,9)			Subframe=2,3,4,7,8,9)			
10489 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.31 ± 9.6 % 10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.54 ± 9.6 %	10488	AAF		LTE-TDD	7.70	± 9.6 %
Subframe=2,3,4,7,8,9) 10490 AAF	40400	0.0=	Subtrame=2,3,4,7,8,9)	g pape your nount one.	0.01	
10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD 8.54 ± 9.6 % Subframe=2,3,4,7,8,9)	10489	AAF		LIE-TDD	8.31	± 9.6 %
Subframe=2,3,4,7,8,9)	10400	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		I TE TOO	DEA	+0.6.0/
	10490	AAT		LIE-IDD	0.04	± 9.0 %
10491	10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL	LTE-TDD	7.74	± 9.6 %
Subframe=2,3,4,7,8,9)	10701	, 55		LIE-100	'.'4	± 3.0 /6
				I		1

10492					
	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL. Subframe=2,3,4,7,8,9)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL	LTE-TDD	8.55	± 9.6 %
10494	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL	LTE-TDD	7.74	± 9.6 %
10495	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL	LTE-TDD	8.37	± 9.6 %
10496	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL	LTE-TDD	8.54	± 9.6 %
10497	AAB	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL	LTE-TDD	7.67	± 9.6 %
10498	AAB	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL	LTE-TDD	8.40	± 9.6 %
10499	AAB	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL	LTE-TDD	8.68	±9.6 %
10500	AAC	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL	LTE-TDD	7.67	± 9.6 %
10501	AAC	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.44	± 9.6 %
10502	AAC	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL	LTE-TDD	8.52	± 9.6 %
10503	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL	LTE-TDD	7.72	± 9.6 %
10504	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.31	± 9.6 %
	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.54	± 9.6 %
	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL	LTE-TDD	7.74	
	AAF	Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL			± 9.6 %
		Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	± 9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6%
	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	± 9.6 %
	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	± 9.6 %
	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	±9.6%
	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	±9.6 %
	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	± 9.6 %
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	± 9.6 %
	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	±9.6 %
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6%
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	±9.6%
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)	WLAN	7.97	± 9.6 %
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6 %
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WL.AN	8.08	± 9.6 %
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN	8.27	± 9.6 %
	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN	8.36	± 9.6 %
	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN	8.42	± 9.6 %
	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN	8.21	
	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN	8.36	± 9.6 % ± 9.6 %
	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)			
	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10531			WLAN	8.43	±9.6 %
	AAR				
10532	AAB AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10532 10533	AAB AAB AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS8, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN WLAN	8.29 8.38 8.45	± 9.6 % ± 9.6 % ± 9.6 %

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10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10536 10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN WLAN	8.32	±9.6%
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44 8.54	±9.6 % ±9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	WLAN	8.39	±9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.65	±9.6 %
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN	8.35	±9.6 %
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN	8.38	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	±9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	WLAN	8,52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty	WLAN	8.25	± 9.6 %
	ļ.,.	cycle)			
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty	WLAN	8.45	± 9.6 %
40500		cycle)	14/1 5 5 /		
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty	WLAN	8.13	± 9.6 %
10567	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty	JAZI ANI	9.00	1000
10367	AAA	cycle)	WLAN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty	WLAN	8.37	± 9,6 %
10000	' ' ' '	cycle)	VALAIN	0.57	± 5,0 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty	WLAN	8.10	±9.6%
,	'	cycle)	,,,	4,10	1 2/2 /
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty	WLAN	8.30	± 9.6 %
		cycle)			
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty	WLAN	8.59	± 9.6 %
		cycle)			
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty	WLAN	8.60	± 9.6 %
		cycle)			
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty	WLAN	8.70	± 9.6 %
10===	1	cycle)	1		
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty	WLAN	8.49	± 9.6 %
40570	1 0 0 0	cycle)	144 641		1000
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty	WLAN	8.36	± 9.6 %
40500	A A A	Cycle)	14/1 6 5 1	+	1000
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty	WLAN	8.76	± 9.6 %
10501	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty	VALLANI	9.25	+06%
10581	~~A	TEEE 802.11g WIFI 2.4 GHZ (DSSS-OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty	WLAN	8.67	± 9.6 %
10002	1 222	cycle)	VYLAN	10.0	± 5.0 70
10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8,49	± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	± 9.6 %
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10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	±9.6 %
10589	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	± 9.6 %
10592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	
10595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)			± 9.6 %
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10597		JEEE 602.1111 (HT MIXEG, 20MHz, MCCS, 90pc duty cycle)	WLAN	8.71	± 9.6 %
	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	WLAN	8.94	±9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	WLAN	9.03	±9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc duty cycle)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	
10610	AAB				± 9.6 %
		IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	±9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)		····	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10626	***************************************		WLAN	8.96	± 9.6 %
	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN		
10639	AAC	IEEE 802.11ac WiFt (160MHz, MCS3, 90pc duty cycle)		8.86	±9.6%
10640	AAC	IEEE 802.11ac WiFt (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10641	AAC		WLAN	8.98	± 9.6 %
10642		IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	9.06	± 9.6 %
	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=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 %
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10038 AAP. Pulse Waveform (200tz, 105) Tost 10,00 29,8 % 10,00	10055	AAE	LITE TOD (OFDMA 20 MHz E TM 2.4 Climping 440/)	TITE TOD	704	1000
10689	10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	±9.6%
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19661 AAA Pulse Waveform (2001bc, 60%) Tost 2.92 19.6 % 19670 AAA Bluetooth Low Energy Bluetooth 2.19 19.6 % 19671 AAA Bluetooth Low Energy Bluetooth 2.19 19.6 % 19672 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 9.09 19.6 % 19673 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.76 19.6 % 19674 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.76 19.6 % 19675 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.74 19.6 % 19675 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.74 19.6 % 19676 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.74 19.6 % 19677 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.90 19.6 % 19678 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.77 19.6 % 19679 AAA IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle) WLAN 8.77 19.6 % 19679 AAA IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle) WLAN 8.78 19.6 % 19680 AAA IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle) WLAN 8.78 19.6 % 19681 AAA IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) WLAN 8.89 19.6 % 19682 AAA IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) WLAN 8.89 19.6 % 19683 AAA IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.89 19.6 % 19684 AAA IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.20 19.6 % 19685 AAA IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.20 19.6 % 19686 AAA IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.22 19.6 % 19686 AAA IEEE 802.11ax (20MHz, MCS1), 90pc duty cycle) WLAN 8.22 19.6 % 19687 AAA IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle) WLAN 8.22 19.6 % 19688 AAA IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.25 19.6 % 19689 AAA IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle) WLAN 8.25 19.6 % 19689 AAA IEEE 802.11ax (
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10726 AAA IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle) WLAN 8.72 ± 9.6 %						
						~~~~~~
10727   AAA   IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle)   WLAN   8.66   ± 9.6 %						
	10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle)	WLAN	8.66	± 9.6 %

10700	1 4 4 4	JEEE COO AL COMPLE MOCO CO.			
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10731		IFFE 902 44ev (90MHz, MOCO, 905 - 4-4			
	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.40	±9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)			
	<del></del>	TEEE 002.1 Tax (00IVITZ, IVICS3, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.27	±9.6 %
10737					
	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)	WLAN	8.29	
					± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.48	±9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.43	
					± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6%
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle)			
			WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)	WLAN	9.04	± 9.6 %
10748		IEEE 000 44 ov (400MHz, MOOF, 000 of the state of 1			
	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle)	WLAN	8.79	
					± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle)	WLAN		
				9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle)	WLAN	8.94	±9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.64	± 9.6 %
10756	AAA				
		IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.77	±9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.69	±9.6%
10759	AAA				
		IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	± 9.6 %
		JEEE 000.44 (400.41) - 440.07 - 00			
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)	WLAN		
				8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.51	± 9.6 %
10767	AAA	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)			
10/0/	700	30 NK (CF-OFDIN, 1 KB, 3 NITZ, QP3K, 13 KMZ)	5G NR FR1	7.99	± 9.6 %
***************************************			TDD		
10768	AAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1	8.01	± 9.6 %
	'			0.01	1 3.0 70
40700	A	CONDICO OFFINIA DRIVER OFFINIA	TDD		
10769	AAA	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1	8.01	±9.6 %
1		, '	TDD	l	
10770	AAA	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)		0.00	1000
10170	1 (22/4)	OU THE COLUMN, ETCO, ZU WITZ, CEON, TO KITZ)	5G NR FR1	8.02	± 9.6 %
			TDD	·	
10771	AAA	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1	8.02	± 9.6 %
]			1	U.UZ	± 5.0 70
40777	ļ	COND (OD ODD)	TDD		
10772	AAA	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1	8.23	± 9.6 %
	1	, ,	TDD	0	_ 5.5 ,6
10773	ΛΛΛ	SC ND (CD OFDM 4 DD 40 MHz ODOK 45 H )			
10//3	AAA	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1	8.03	± 9.6 %
L	1		TDD		
10774	AAA	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)		0.00	
.~.,	1,007	O CONTROL OF CIVIT, I TEL, OU WILLE, QUE ON, TO KITE)	5G NR FR1	8.02	± 9.6 %
L	<b>I</b>		TDD		
10776	AAA	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1	8.30	±9.6 %
			TDD	0.50	
H	ΛΛΛ	FC ND /CD OFDM FOW DD OOM! ODG! (FILE)			
L 40770	AAA	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1	8.34	± 9.6 %
10778			TDD	. !	
10778					1000
	AAA	5G NR (CP-OEDM 50% RB 30 MHz OPSK 15 kHz)		' മൗര	
10778	AAA	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1	8.38	± 9.6 %
10780		<u>'</u>	5G NR FR1 TDD	8.38	±9.6%
	AAA	<u>'</u>	TDD		
10780		5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz) 5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	TDD 5G NR FR1	8.38 8.38	± 9.6 %
10780	AAA	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	TDD 5G NR FR1 TDD	8.38	± 9.6 %
10780		<u>'</u>	TDD 5G NR FR1		± 9.6 %
10780	AAA	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	TDD 5G NR FR1 TDD	8.38	

10783	AAA	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAA	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAA	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1	8.40	± 9.6 %
10786	AAA	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAA	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1	8.44	± 9.6 %
10788	AAA	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1	8.39	± 9.6 %
10789	AAA	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1	8.37	± 9.6 %
10790	AAA	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1	8.39	± 9.6 %
10791	AAA	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1	7.83	± 9.6 %
10792	AAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.92	±9.6 %
10793	AAA	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.95	± 9.6 %
10794	AAA	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.82	± 9.6 %
10795	AAA	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.84	± 9.6 %
10796	AAA	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.82	± 9.6 %
10797	AAA	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.01	± 9.6 %
10798	AAA	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.89	± 9.6 %
10799	AAA	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.93	± 9.6 %
10801	AAA	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.89	± 9.6 %
10802	AAA	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.87	± 9.6 %
10803	AAA	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	7.93	± 9.6 %
10805	AAA	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.34	± 9.6 %
10806	AAA	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.37	± 9.6 %
10809	AAA	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1	8.34	± 9.6 %
10810	AAA	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.34	± 9.6 %
10812	AAA	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1	8.35	± 9.6 %
10817	AAA	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.35	± 9.6 %
10818	AAA	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.34	± 9.6 %
10819	AAA	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.33	± 9.6 %
10820	AAA	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.30	± 9.6 %
10821	AAA	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.41	± 9.6 %
10822	AAA	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.41	± 9.6 %
10823	AAA	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.36	± 9.6 %
10824	AAA	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	TDD 5G NR FR1	8.39	± 9.6 %
	1		TDD		

10825	AAA	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAA	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1	8.42	± 9.6 %
10828	AAA	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10829	AAA	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10830	AAA	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	±9.6 %
10831	AAA	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1	7.73	± 9.6 %
10832	AAA	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1	7.74	± 9.6 %
10833	AAA	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1	7.70	± 9.6 %
10834	AAA	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1	7.75	± 9.6 %
10835	AAA	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAA	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1	7.66	± 9.6 %
10837	AAA	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1	7.68	± 9.6 %
10839	AAA	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1	7.70	± 9.6 %
10840	AAA	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1	7.67	± 9.6 %
10841	AAA	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAA	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAA	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAA	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10854	AAA	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1	8.34	± 9.6 %
10855	AAA	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1	8.36	± 9.6 %
10856	AAA	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1	8.37	± 9.6 %
10857	AAA	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10858	AAA	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAA	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10860	AAA	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10861	AAA	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1	8.40	± 9.6 %
10863	AAA	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1	8.41	± 9.6 %
10864	AAA	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1	8.37	± 9.6 %
10865	AAA	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1	8,41	±9.6%
10866	AAA	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10868	AAA	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1	5.89	± 9.6 %
10869	AAA	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10870	AAA	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2		1

10871	AAA	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAA	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAA	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAA	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2	6.65	± 9.6 %
10875	AAA	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	±9.6 %
10876	AAA	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2	8.39	± 9.6 %
10877	AAA	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2	7.95	± 9.6 %
10878	AAA	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2	8.41	± 9.6 %
10879	AAA	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2	8.12	± 9.6 %
10880	AAA 5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)		5G NR FR2	8.38	± 9.6 %
10881	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10882	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2	5.96	± 9.6 %
10883	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	6.57	± 9.6 %
10884	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
10885	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2	6.61	± 9.6 %
10886	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2	6.65	± 9.6 %
10887	AAA	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	7.78	± 9.6 %
10888	AAA	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2	8.35	± 9.6 %
10889	AAA	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	8.02	± 9.6 %
10890	AAA	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	±9.6 %
10891	AAA	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2	8.13	± 9.6 %
10892	AAA	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %

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

# Calibration Laboratory of Schmid & Partner

**Engineering AG** Zeughausstrasse 43, 8004 Zurich, Switzerland





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Client

**PC Test** 

Certificate No: EX3-7532 Apr20

# IBRATION CERTIFICATE

Object

EX3DV4 - SN:7532

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

Calibration date:

April 20, 2020

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	01-Apr-20 (No. 217-03100/03101)	Арг-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

Name Function Signature Calibrated by: Leif Klysner Laboratory Technician Approved by: Katja Pokovic Technical Manager

Issued: April 21, 2020

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

## Calibration Laboratory of

Schmid & Partner Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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Accreditation No.: SCS 0108

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Glossary:

tissue simulating liquid **TSL** NORMx,y,z

sensitivity in free space

ConvF **DCP** 

sensitivity in TSL / NORMx,v,z diode compression point

CF

crest factor (1/duty cycle) of the RF signal modulation dependent linearization parameters

A, B, C, D

Polarization o

o rotation around probe axis

Polarization 9

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

i.e., 9 = 0 is normal to probe axis

Connector Angle

information used in DASY system to align probe sensor X to the robot coordinate system

## Calibration is Performed According to the Following Standards:

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ". "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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,v,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 ≤ 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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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7532

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) ² ) ^A	0.46	0.41	0.48	± 10.1 %
DCP (mV) ^B	99.5	99.4	103.3	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0.00	154.5	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00	1	147.8		
		Z	0.00	0.00	1.00	]	158.2		
10352-	Pulse Waveform (200Hz, 10%)	X	3.07	68.05	11.10	10.00	60.0	± 2.7 %	± 9.6 %
AAA		Υ	1.85	63.12	9.19	]	60.0		
		Z	6.79	76.39	14,61		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	2.92	70.22	10.95	6.99	80.0	± 1.9 %	± 9.6 %
AAA		Υ	1.50	64.59	8.58	}	80.0		
		Z	20.00	88.19	17.06		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	85.29	14.02	3,98	95.0	± 1.1 %	± 9.6 %
AAA		Υ	0.40	60.00	5.21		95.0		
		Z	20.00	92.60	17.75		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	85.51	13.11	2.22	120.0	± 1.9 %	± 9.6 %
AAA		Υ	10.20	129.21	1.27		120.0		
		Z	20.00	101.13	20.44		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.64	68.56	15.58	1.00	150.0	± 3.4 %	± 9.6 %
AAA	***	Y	1.36	66.15	13.96		150.0		
		Z.	1.66	68.82	15.71		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.13	68.57	16.11	0.00	150.0	± 1.2 %	± 9.6 %
AAA		Υ	1.87	66.65	14.94		150.0		
		Z	2.13	68,55	16.11		150.0		
10396-	64-QAM Waveform, 100 kHz	X	2.53	69.83	18.54	3.01	150.0	± 1.5 %	± 9.6 %
AAA	***	Y	2.04	65.93	16.80		150.0		
		Z	2,61	70.30	18.75		150.0		
10399-	64-QAM Waveform, 40 MHz	Х	3.46	67,46	15.99	0.00	150.0	± 2.3 %	± 9.6 %
AAA		Υ	3.26	66.52	15.41		150.0		
		Z	3,32	66.82	15.67		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.54	65.40	15.44	0.00	150.0	± 4.1 %	± 9.6 %
AAA		Y	4.54	65.43	15.39		150.0		
		Z	4.55	65.51	15.45		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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A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Pages 5 and 6).

B Numerical linearization parameter: uncertainty not required.

E 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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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7532

## **Sensor Model Parameters**

	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	30.9	229.25	35.10	5.99	0.00	5.01	1.30	0.07	1.00
Y	29.9	225.12	36.05	3.70	0.17	5.02	0.00	0.25	1.01
Z	29.6	216.10	34.30	5.94	0.00	5.02	1.40	0.05	1.00

## **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	24.2
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

## 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 ⁶ (mm)	Unc (k=2)
750	41.9	0.89	10.72	10.72	10.72	0.63	0.80	± 12.0 %
835	41.5	0.90	10.41	10.41	10.41	0.35	1.08	± 12.0 %
1750	40.1	1.37	8.46	8.46	8.46	0.36	0.86	± 12.0 %
1900	40.0	1.40	8.06	8.06	8.06	0.33	0.86	± 12.0 %
2300	39.5	1.67	7.97	7.97	7.97	0.32	0.90	± 12.0 %
2450	39.2	1.80	7.60	7.60	7.60	0.33	0.90	± 12.0 %
2600	39.0	1.96	7.35	7.35	7.35	0.40	0.90	± 12.0 %
5250	35.9	4.71	5.13	5.13	5.13	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.48	4.48	4.48	0.40	1.80	± 13.1 %
5750	35.4	5.22	4.69	4.69	4.69	0.40	1.80	± 13.1 %

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) 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 (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

Galpha/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.

### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7532

#### Calibration Parameter Determined in Body 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	55.5	0.96	10.43	10.43	10.43	0.49	0.81	± 12.0 %
835	55.2	0.97	10.00	10.00	10.00	0.45	0.86	± 12.0 %
1750	53.4	1.49	8.34	8.34	8.34	0.38	0.86	± 12.0 %
1900	53.3	1.52	7.96	7.96	7.96	0.36	0.86	± 12.0 %
2300	52.9	1.81	7.79	7.79	7.79	0.40	0.90	± 12.0 %
2450	52.7	1.95	7.51	7.51	7.51	0.41	0.90	± 12.0 %
2600	52.5	2.16	7.38	7.38	7.38	0.36	0.90	± 12.0 %
5250	48.9	5.36	4.64	4.64	4.64	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.21	4.21	4.21	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.18	4.18	4.18	0.50	1.90	± 13.1 %

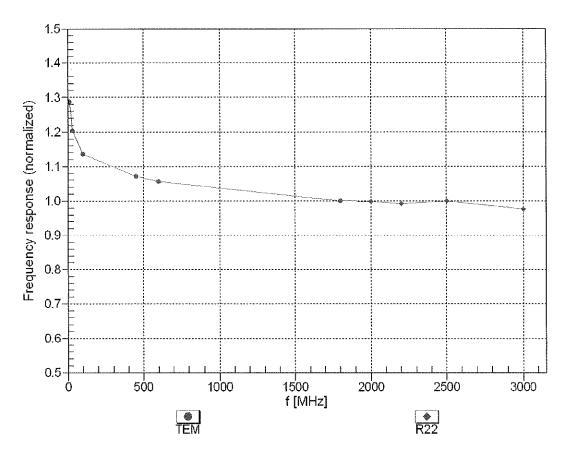
 $^{^{\}rm C}$  Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is  $\pm$  10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to  $\pm$  110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) 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 (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

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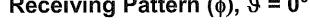
# Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)

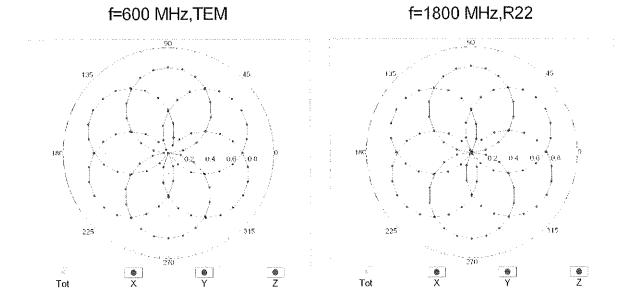


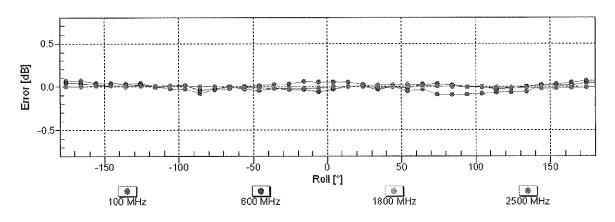
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

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





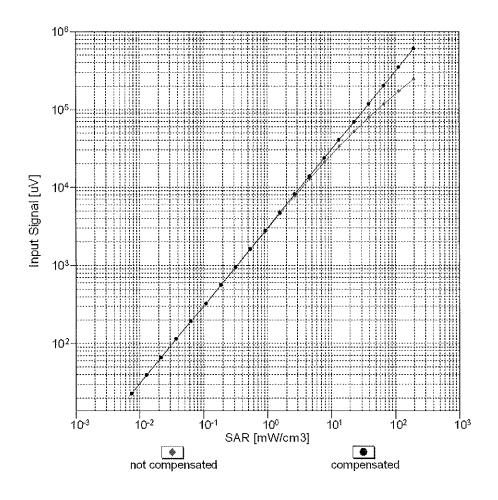


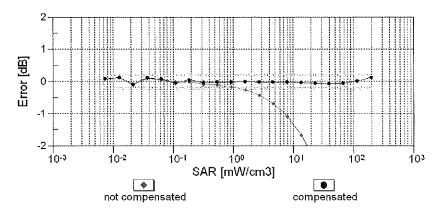
Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

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## Dynamic Range f(SAR_{head})

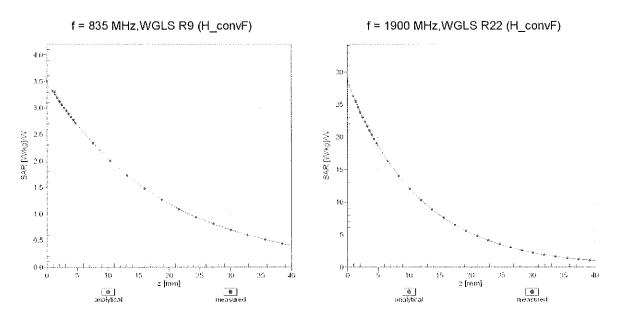
(TEM cell, f_{eval}= 1900 MHz)



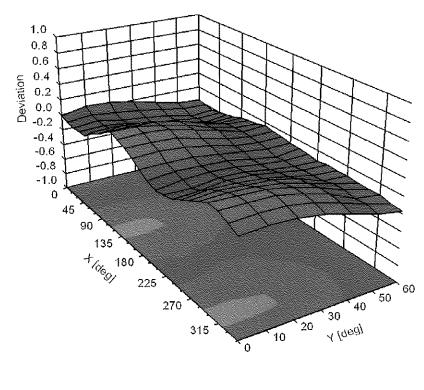


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

### **Conversion Factor Assessment**



Deviation from Isotropy in Liquid Error ( $\phi$ ,  $\theta$ ), f = 900 MHz



### **Appendix: Modulation Calibration Parameters**

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 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	±9.6%
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	±9.6%
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	±9.6%
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	±9.6%
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6%
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	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	CAA	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	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10044	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10058	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 3.3 Mbps)	WLAN	3.60	± 9.6 %
10061	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	±9.6 % ±9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.38	
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	10.12	±9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10069	CAC		WLAN		± 9.6 %
10069	CAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps) IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	10.56	±9.6 % ±9.6 %
				9.83	
10072 10073	CAB CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN WLAN	9.62	± 9.6 %
10073		IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps) IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)		9.94	± 9.6 %
10074	CAB CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 WiDps)	WLAN WLAN	10.30	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN		± 9.6 %
		<u> </u>		10.94	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSUPA Subtrat 3)	WCDMA WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)		3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	±9.6%
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 %

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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	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	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-FDD	6.35	±9.6%
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	±9.6%
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	±9.6%
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	±9.6%
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
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	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	±9.6%
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	±9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
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40000	1 040	LIFE OOD AND DITABLE AND	WLAN	8.13	± 9.6 %
10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)			
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAC	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 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9,21	± 9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
1		LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10243	CAB		LTE-TDD	10.06	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)			
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TOD	9.30	±9.6%
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6%
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	±9.6 %
10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TOD	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 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QFSR)	LTE-TDD	10.06	± 9.6 %
10268		LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.00	± 9.6 %
10269	CAF				
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9,58	±9.6%
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	±9.6%
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	±9.6%
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	±9.6%
	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10293		CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	±9.6 %
10293 10295	AAB	ODMAZOOO, NOT, GOS, Trout reals 20 II.		12:10	
<u> </u>	AAB AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	±9.6%
10295					

40200		LTE CDD (CC CDMA FOR DB 3 MU- 64 OAM)	LTE-FDD	6.60	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.03	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.57	± 9.6 %
10302		IEEE 802.16e WIMAX (29.16, 511s, 10MHz, 64QAM, PUSC)	WIMAX	12.52	± 9.6 %
1	AAA		WiMAX	11.86	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	WIMAX		
10306	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)		14.67	± 9.6 %
10307	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WIMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	IDEN 1:3	IDEN	10.51	± 9.6 %
10314	AAA	IDEN 1:6	IDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	±9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	±9.6%
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc dc)	WLAN	8,60	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
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	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	±9.6%
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10433	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 %
10447	AAD	LTE-FDD (OFDMA, 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 %
10449	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.48	± 9.6 %
10450	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	AAB	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 %
10457	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)	CDMA2000	6.55	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)  CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000 CDMA2000	8.25	± 9.6 %
10459	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	±9.6 %
10460	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.82	±9.6 %
10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.30	± 9.6 %
10404	TUUD	LIL TOD (OOT DWA, TIND, THE WILL, TOTAMER, OL OUR)	1 - 1 - 1 - 1 - 1 - 1	1 0.00	1 - 3.0 /0

		LITE TOD (OO FOMA A DD A AMUL, CA OAMA III CUB)	LTE-TDD	8.56	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOD	7.82	± 9.6 %
10464	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	8.32	± 9.6 %
10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	7.82	± 9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	8.32	± 9.6 %
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)			± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD LTE-TDD	7.82 8.32	± 9.6 % ± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)			
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 % ± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TOD	8.57	
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	± 9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	±9.6%
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 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-TDD	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-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	±9.6%
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc dc)	WLAN	1.58	±9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10517	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	±96%
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	±96%
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc dc)	WLAN	8.12	±9.6%
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	7.97	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10523	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10524	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.36	± 9.6 %
10526	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)	WLAN	8.42	± 9.6 %
10527	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %
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16529   AAS				1 1411 431	T 000 1	
19531   AAB   IEEE 802.11se WIF (20MHz, MCSR, 99ps de)   WILAN   8.24   \$9.6 %	10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	± 9.6 %
16532   AAB   IEEE BQ 214e WHF   ZOMNE, MCSR 990c dc)   WILAN   8.29		AAB				
10533   AAB		AAB				
16635	10532	AAB				
19836   AAB   IEEE 802.11 ac WiFt (40MHz, MCS1, 99bc db)		AAB				
16556   AAB	10534	AAB				
19536   AAB   IEEE 802.11 ac WIFL (MOM-L, MCS3, 98pc db)	10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN		
195360   AAB   REEF 802.11sc WRF (40MHz, MCS4, 99pc db)	10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)			
1954   A.B.   IEEE 802.11ac WIFF (40MHz, MCSS, 99pc dc)	10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	
19541   AAB   IEEE 802.11 fac WIFF (40MHz, MCS3, 99pc dc)   WLAN   8.65   ± 9.6 %   19542   AAB   IEEE 802.11 fac WIFF (40MHz, MCS8, 99pc dc)   WLAN   8.65   ± 9.6 %   19544   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   19544   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   19545   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   19545   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.35   ± 9.6 %   19546   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.35   ± 9.6 %   19546   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.35   ± 9.6 %   19546   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.37   ± 9.6 %   19551   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.37   ± 9.6 %   19551   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.37   ± 9.6 %   19551   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19553   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19553   AAB   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.40   ± 9.6 %   19555   AAC   IEEE 802.11 fac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.42   ± 9.6 %   19555   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.45   ± 9.6 %   19555   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.46   ± 9.6 %   19555   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   19555   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.47   ± 9.6 %   19556   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19556   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19556   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19556   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19556   AAC   IEEE 802.11 fac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ± 9.6 %   19556   AAC   IEEE	10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	
10542	10540	AAB	!EEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
19543   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 98pc dc)   WLAN   8.47   \$ 9.8 %   10545   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.55   \$ 9.6 %   10546   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.55   \$ 9.6 %   10546   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.35   \$ 9.6 %   10546   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.35   \$ 9.6 %   10547   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.35   \$ 9.6 %   10547   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.37   \$ 9.5 %   10565   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.37   \$ 9.5 %   10565   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.50   \$ 9.6 %   10555   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.50   \$ 9.6 %   10555   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.42   \$ 9.6 %   10555   AAC   IEEE 802.11ac WIFF (80MHz, MCS9, 198pc dc)   WLAN   8.45   \$ 9.6 %   10555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.47   \$ 9.6 %   10555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.47   \$ 9.6 %   10555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.47   \$ 9.6 %   10555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.47   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.52   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.52   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.52   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.52   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.52   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.52   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.50   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 198pc dc)   WLAN   8.50   \$ 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz,	10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10545	10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10545	10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10547   AAB   IEEE 802.11ac WIFF (80MHz, MCS3, 99pc dc)   WLAN   8.49   ± 9.6 %   10548   AAB   IEEE 802.11ac WIFF (80MHz, MCS4, 99pc dc)   WLAN   8.37   ± 9.6 %   10550   AAB   IEEE 802.11ac WIFF (80MHz, MCS4, 99pc dc)   WLAN   8.38   ± 9.6 %   10550   AAB   IEEE 802.11ac WIFF (80MHz, MCS4, 99pc dc)   WLAN   8.38   ± 9.6 %   10550   AAB   IEEE 802.11ac WIFF (80MHz, MCS4, 99pc dc)   WLAN   8.38   ± 9.6 %   10552   AAB   IEEE 802.11ac WIFF (80MHz, MCS5, 99pc dc)   WLAN   8.40   ± 9.6 %   10552   AAB   IEEE 802.11ac WIFF (80MHz, MCS6, 99pc dc)   WLAN   8.42   ± 9.0 %   10553   AAB   IEEE 802.11ac WIFF (80MHz, MCS8, 99pc dc)   WLAN   8.42   ± 9.0 %   10553   AAC   IEEE 802.11ac WIFF (160MHz, MCS8, 99pc dc)   WLAN   8.45   ± 9.6 %   10555   AAC   IEEE 802.11ac WIFF (160MHz, MCS0, 99pc dc)   WLAN   8.45   ± 9.6 %   10555   AAC   IEEE 802.11ac WIFF (160MHz, MCS3, 99pc dc)   WLAN   8.47   ± 9.6 %   10556   AAC   IEEE 802.11ac WIFF (160MHz, MCS3, 99pc dc)   WLAN   8.50   ± 9.6 %   10557   AAC   IEEE 802.11ac WIFF (160MHz, MCS3, 99pc dc)   WLAN   8.50   ± 9.6 %   10558   AAC   IEEE 802.11ac WIFF (160MHz, MCS3, 99pc dc)   WLAN   8.52   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS4, 99pc dc)   WLAN   8.52   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS4, 99pc dc)   WLAN   8.52   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS4, 99pc dc)   WLAN   8.73   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS4, 99pc dc)   WLAN   8.73   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS6, 99pc dc)   WLAN   8.75   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.76   ± 9.6 %   10559   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.77   ± 9.6 %   10559   AAA   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.69   ± 9.6 %   10559   AAA   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.69   ± 9.6 %   10559   AAA   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.69   ± 9.6 %   10559   AAA   IEEE 802.11ac WIFF (160MHz, MCS9, 90pc dc)   W	10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
10547	10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
19547   AAB   IEEE 802.11ac WIFF (80MHz, MCS3, 99pc dc)   WLAN   8.49   ±9.6 %   19550   AAB   IEEE 802.11ac WIFF (80MHz, MCS4, 99pc dc)   WLAN   8.37   ±9.6 %   19550   AAB   IEEE 802.11ac WIFF (80MHz, MCS6, 99pc dc)   WLAN   8.50   ±9.6 %   19550   AAB   IEEE 802.11ac WIFF (80MHz, MCS6, 99pc dc)   WLAN   8.42   ±9.6 %   19553   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.42   ±9.6 %   19553   AAB   IEEE 802.11ac WIFF (80MHz, MCS9, 99pc dc)   WLAN   8.45   ±9.6 %   19555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.45   ±9.6 %   19555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.47   ±9.6 %   19555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.47   ±9.6 %   19555   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.47   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.50   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.52   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.52   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.51   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.56   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.56   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.56   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.56   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.57   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.59   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.59   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.59   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.59   ±9.6 %   19556   AAC   IEEE 802.11ac WIFF (160MHz, MCS9, 99pc dc)   WLAN   8.59   ±9.6 %	10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.35	± 9.6 %
10550		AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.49	± 9.6 %
10550	10548	AAB	IEEE 802,11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.37	± 9.6 %
10551   AAB   IEEE 802.11ac WIFI (80MHz, MCSF, 99pc dc)   WLAN   8.50   ± 9.6 %   10553   AAB   IEEE 802.11ac WIFI (80MHz, MCSR, 99pc dc)   WLAN   8.42   ± 9.6 %   10554   AAC   IEEE 802.11ac WIFI (80MHz, MCSR, 99pc dc)   WLAN   8.45   ± 9.6 %   10555   AAC   IEEE 802.11ac WIFI (80MHz, MCSR, 99pc dc)   WLAN   8.48   ± 9.6 %   10555   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.47   ± 9.6 %   10556   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.54   ± 9.6 %   10556   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.50   ± 9.6 %   10556   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.52   ± 9.6 %   10557   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.61   ± 9.6 %   10550   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.61   ± 9.6 %   10550   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.61   ± 9.6 %   10566   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.73   ± 9.6 %   10562   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.56   ± 9.6 %   10563   AAC   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.56   ± 9.6 %   10564   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.57   ± 9.6 %   10565   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.57   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (180MHz, MCSR, 99pc dc)   WLAN   8.57   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WLAN   8.45   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WLAN   8.45   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WLAN   8.45   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WLAN   8.45   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)   WLAN   8.33   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (24 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)   WLAN   8.31   ± 9.6 %   10566   AAA   IEEE 802.11ac WIFI (25 GHz (DSSS-OFDM, 36		<del>}</del>	IEEE 802,11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.38	
10552				WLAN		
10553   AAB   IEEE 802.11ac WiFI (180MHz, MCS9, 99pc dc)   WLAN   8.48   ±9.6 %   10555   AAC   IEEE 802.11ac WiFI (180MHz, MCS1, 99pc dc)   WLAN   8.47   ±9.6 %   10556   AAC   IEEE 802.11ac WiFI (180MHz, MCS1, 99pc dc)   WLAN   8.47   ±9.6 %   10556   AAC   IEEE 802.11ac WiFI (180MHz, MCS2, 99pc dc)   WLAN   8.50   ±9.6 %   10556   AAC   IEEE 802.11ac WiFI (160MHz, MCS2, 99pc dc)   WLAN   8.52   ±9.6 %   10556   AAC   IEEE 802.11ac WiFI (160MHz, MCS4, 99pc dc)   WLAN   8.52   ±9.6 %   10556   AAC   IEEE 802.11ac WiFI (160MHz, MCS4, 99pc dc)   WLAN   8.61   ±9.6 %   10560   AAC   IEEE 802.11ac WiFI (160MHz, MCS4, 99pc dc)   WLAN   8.63   ±9.6 %   10560   AAC   IEEE 802.11ac WiFI (160MHz, MCS7, 99pc dc)   WLAN   8.66   ±9.6 %   10562   AAC   IEEE 802.11ac WiFI (160MHz, MCS7, 99pc dc)   WLAN   8.66   ±9.6 %   10563   AAC   IEEE 802.11ac WiFI (160MHz, MCS8, 99pc dc)   WLAN   8.69   ±9.6 %   10564   AAA   IEEE 802.11ac WiFI (160MHz, MCS8, 99pc dc)   WLAN   8.77   ±9.6 %   10565   AAA   IEEE 802.11ac WiFI (260MHz, MCS8, 99pc dc)   WLAN   8.77   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (20SSS-OFDM, 12 Mbps, 99pc dc)   WLAN   8.25   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (20SSS-OFDM, 12 Mbps, 99pc dc)   WLAN   8.25   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (20SSS-OFDM, 12 Mbps, 99pc dc)   WLAN   8.45   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 13 Mbps, 99pc dc)   WLAN   8.13   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 34 Mbps, 99pc dc)   WLAN   8.13   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 34 Mbps, 99pc dc)   WLAN   8.13   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 34 Mbps, 99pc dc)   WLAN   8.10   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 34 Mbps, 99pc dc)   WLAN   8.10   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 34 Mbps, 99pc dc)   WLAN   8.10   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GHz (DSSS-OFDM, 34 Mbps, 90pc dc)   WLAN   8.30   ±9.6 %   10566   AAA   IEEE 802.11ac WiFI (24 GH		<del> </del>		WLAN	<del></del>	
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10564   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc dc)   WLAN   8.25						
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10573   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)   WLAN   1.98   ± 9.6 %   10574   AAA   IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)   WLAN   1.98   ± 9.6 %   10575   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)   WLAN   8.59   ± 9.6 %   10576   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10577   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10578   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.49   ± 9.6 %   10579   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)   WLAN   8.36   ± 9.6 %   10580   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10581   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10582   AAA   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10583   AAB   IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10584   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)   WLAN   8.69   ± 9.6 %   10586   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)   WLAN   8.60   ± 9.6 %   10586   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10587   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10588   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.70   ± 9.6 %   10589   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10590   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)   WLAN   8.76   ± 9.6 %   10591   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10591   AAB   IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)   WLAN   8.67   ± 9.6 %   10591   AAB   IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)   WLAN   8.64   ± 9.6 %   10593   AAB   IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)   WLAN   8.79   ± 9.6 %   10599   AA		<u> </u>				
10574         AAA         IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)         WLAN         1.98         ± 9.6 %           10575         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10576         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10577         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11g WiFi 2.4 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 % <tr< td=""><td></td><td><u> </u></td><td></td><td></td><td></td><td></td></tr<>		<u> </u>				
10575         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10576         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10577         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 % <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
10576         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10577         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.69         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %						
10577         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %						
10578         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %						
10579         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10580         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10581         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10582         AAA         IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10583         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591	,,,	.i				
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       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN				}		
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         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)         WLAN         8.59         ± 9.6 %           10584         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)         WLAN         8.60         ± 9.6 %           10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10592					<del></del>	
10582       AAA       IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10592       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.63 </td <td></td> <td></td> <td></td> <td></td> <td><del></del></td> <td></td>					<del></del>	
10583       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)       WLAN       8.59       ± 9.6 %         10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ±	***************************************				<del></del>	
10584       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)       WLAN       8.60       ± 9.6 %         10585       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)       WLAN       8.70       ± 9.6 %         10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6					+	
10585         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)         WLAN         8.70         ± 9.6 %           10586         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)         WLAN         8.49         ± 9.6 %           10587         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)         WLAN         8.36         ± 9.6 %           10588         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)         WLAN         8.76         ± 9.6 %           10589         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)         WLAN         8.35         ± 9.6 %           10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %						
10586       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)       WLAN       8.49       ± 9.6 %         10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %			1			· · · · · · · · · · · · · · · · · · ·
10587       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc dc)       WLAN       8.36       ± 9.6 %         10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %	\$				-i	
10588       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)       WLAN       8.76       ± 9.6 %         10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %						-
10589       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc dc)       WLAN       8.35       ± 9.6 %         10590       AAB       IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)       WLAN       8.67       ± 9.6 %         10591       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %						
10590         AAB         IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)         WLAN         8.67         ± 9.6 %           10591         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)         WLAN         8.63         ± 9.6 %           10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %				<del></del>		
10591       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)       WLAN       8.63       ± 9.6 %         10592       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)       WLAN       8.79       ± 9.6 %         10593       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)       WLAN       8.64       ± 9.6 %         10594       AAB       IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)       WLAN       8.74       ± 9.6 %						- <del>-</del>
10592         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)         WLAN         8.79         ± 9.6 %           10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %						
10593         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)         WLAN         8.64         ± 9.6 %           10594         AAB         IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)         WLAN         8.74         ± 9.6 %						
10594 AAB IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc) WLAN 8.74 ± 9.6 %	1					
10595   AAB   IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)   WLAN   8.74   ± 9.6 %					****	
	10595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN	8.74	± 9.6 %

			144 651	1 0 74 1	. 0 0 0/
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.71	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9,6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10613	AAB	IEEE 802.11ac Wiff (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
£		IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10615	AAB		WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc dc)	WLAN	<del></del>	****
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)		8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8,86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc dc)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc dc)	WLAN	8.77	±9.6%
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	±9.6%
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	±9.6%
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	±9.6%
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	±9.6 %
10633	AAB	IEEE 802,11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	± 9.6 %
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	±9.6%
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6%
10637	AAC	IEEE 802.11ac WIF1 (160MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFt (160MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.98	± 9.6 %
			WLAN	9.06	±9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	<del></del>
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN		±9.6%
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc dc)	WLAN	8.89	±9.6%
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc dc)		9.05	±9.6%
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	±9.6%
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10647	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	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc dc)	WLAN	9,09	± 9.6 %
10011	1		1		

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10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	±9.6%
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8,28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.29	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.55	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN	8.25	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8,29	± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.25	± 9.6 %
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.57	± 9.6 %
			WLAN		
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78 8.91	±9.6%
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)		<u> </u>	±9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	±9.6%
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	±9.6%
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	±9.6%
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.26	± 9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.45	±9.6%
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.30	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.48	± 9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.24	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc dc)	WLAN	8.81	± 9.6 %
10720	AAA	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	± 9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8,70	± 9.6 %
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6 %
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.64	± 9.6 %
10729		IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.67	
	AAA	IEEE 802.11ax (80MHz, MCS01, 90pc dc)	WLAN		±9.6 % ±9.6 %
10731	AAA			8.42	
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	±9.6%
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc dc)	WLAN	8.40	±9.6%
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc dc)	WLAN	8.33	± 9.6 %

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10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	± 9.6 %
10739	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	±9.6%
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	±9.6%
10767	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10768	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10775	AAB	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10777	AAB	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.30	± 9.6 %
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAB	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	± 9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	±9.6%
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
10794	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	± 9.6 %
10796	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10797	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10798	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10799	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %

10004	1 4 4 0	FOND (OD OFFIN 4 DD 40 MILE ODOK 30 MILE)	5G NR FR1 TDD	7.89	±9.6%
10801	AAC AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
10802		5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.93	± 9.6 %
10803	AAC		5G NR FR1 TDD	8.34	± 9.6 %
10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10806	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10809	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10810	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10812	AAC	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35 8.35	± 9.6 %
10817	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 % ± 9.6 %
10818	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,33	
10819	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.30	± 9.6 % ± 9.6 %
10820 10821	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8,41	± 9.6 %
10821	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.41	± 9.6 %
10823	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10824	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.42	±9.6%
10827	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 KHz)	5G NR FR1 TDD	8.43	±9.6 %
10829	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
	AAC	5G NR (CP-OFDM, 100 % NB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.63	± 9.6 %
10830 10831	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.73	± 9.6 %
10831	AAC	5G NR (CP-OFDM, 1 RB, 13 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10833	AAC	5G NR (CP-OPDM, 1 RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.74	± 9.6 %
10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.75	± 9.6 %
10835	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10836	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.66	± 9.6 %
10837	AAC	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.49	± 9.6 %
10844	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±9.6 %
10854	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10855	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10856	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10857	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.35	±9.6%
10858	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10859	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	±9.6 %
10860	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	±96%
10861	AAC	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10863	AAC	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10864	AAC	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10865	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10866	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	±9.6%
10868	AAC	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 %
10876	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.39	± 9.6 %
10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	±9.6%
10880	AAD	5G NR (CP-OFDM, 100% RB, 100 MHz, 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	± 9.6 %
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 %

10000	1 4 4 5	LEGARD (DET - DEDM 4000) DD COAM (200M 400 MH-)	CONDEDUTED	6.65	±9.6 %
10886	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	
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	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.67	± 9.6 %
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	±9.6%
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10917		5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10919	AAA		5G NR FR1 TDD	5.87	± 9.6 %
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	<del></del>	
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)		5.82	± 9.6 %
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	±9.6%
10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6%
10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10947	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	±9.6 %
10949	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10950	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10951	AAA	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 %
10953	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.15	± 9.6 %
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AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.23	±9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 FDD	8.42	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.14	±9.6%
AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.31	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	±9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
AAA	5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.49	±9.6%
	AAA AAA AAA AAA AAA AAA AAA AAA AAA	AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 FDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 FDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD  AAA 5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz) 5G NR FR1 TDD	AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 FDD       8.42         AAA       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.14         AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.31         AAA       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.61         AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 FDD       8.33         AAA       5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.32         AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.36         AAA       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.40         AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)       5G NR FR1 TDD       9.55         AAA       5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.29         AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.37         AAA       5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55         AAA       5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)       5G NR FR1 TDD       9.55

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

## Calibration Laboratory of Schmid & Partner

Engineering AG Zeughausstrasse 43, 8004 Zurich, Switzerland





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Client

**PC Test** 

Certificate No: EX3-7427_Feb20

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### **CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:7427

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

Calibration date:

February 19, 2020

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	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892)	Apr-20
Power sensor NRP-Z91	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-19 (No. 217-02894)	Apr-20
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	in house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

Calibrated by:

Claudio Leubler

Claudio Leubler

Claudio Leubler

Exproved by:

Katja Pokovic

Technical Manager

Issued: February 20, 2020

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

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#### Calibration Laboratory of

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#### Glossary:

TSL NORMx,y,z tissue simulating liquid sensitivity in free space

ConvF DCP sensitivity in TSL / NORMx,y,z diode compression point

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

A, Β, C, D Polarization φ

φ rotation around probe axis

Polarization 9

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

i.e., 9 = 0 is normal to probe axis

Connector Angle

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information used in DASY system to align probe sensor X to the robot coordinate system

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

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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 ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.
- Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.
- Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.
- Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

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### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7427

#### **Basic Calibration Parameters**

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.54	0.41	0.59	± 10.1 %
DCP (mV) ^B	99.7	100.2	101.0	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	CW	X	0.00	0.00	1.00	0,00	175.5	± 3.5 %	± 4.7 %
		Y	0.00	0.00	1.00		192.4		
		Z	0.00	0.00	1.00		177.5		
10352-	Pulse Waveform (200Hz, 10%)	X	20.00	88.68	18.70	10.00	60.0	± 3.2 %	± 9.6 %
AAA	, , , , ,	Y	1.39	60.67	7.81		60.0		
		Z	20.00	89.53	19.23		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	90.95	18.66	6.99	80.0	± 2.2 %	± 9.6 %
AAA	, i	Υ	1.04	61.79	6.95		80.0		
		Z	20.00	92.76	19.65		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	97.43	20,39	3.98	95.0	± 1.2 %	± 9.6 %
AAA	, , , , , , , , , , , , , , , , , , ,	Y	0.41	60.00	4.54		95.0		
		Z	20,00	101.24	22,26		95.0	<u> </u>	
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	111.17	25.26	2.22	120.0	± 1.7 %	± 9.6 %
AAA		Y	0.00	152.14	31.98		120.0		
		Z	20.00	118.52	28.55	ļ	120.0		
10387-	QPSK Waveform, 1 MHz	X	1.85	69.14	16.52	1.00	150.0	± 3.7 %	± 9.6 %
AAA	·	Y	1.36	66.74	14.17	1	150.0	]	
		Z	1.83	68.63	16.34		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.45	70.30	17.11	0.00	150.0	± 1.0 %	± 9.6 %
AAA		Y	1.85	66.91	15.17	]	150.0		
		Z	2.45	70.17	17.00		150.0		
10396-	64-QAM Waveform, 100 kHz	X	2.96	71.31	19.32	3.01	150.0	± 1.4 %	± 9.6 %
AAA	·	Y	2.03	66.08	16.97		150.0	]	
		Z	3.12	72.49	19.87		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.64	68.07	16.44	0.00	150.0	± 2.3 %	± 9.6 %
AAA		Y	3.22	66.43	15.48		150.0	]	
		Z	3.64	68.02	16.39		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.75	65.60	15.67	0.00	150.0	± 4.2 %	± 9.6 %
AAA		Y	4.65	65.95	15.78		150.0		
		Z	4.76	65.54	15.62		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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A The uncertainties of Norm X,Y,Z do not affect the E2-field uncertainty inside TSL (see Pages 5 and 6).

Numerical linearization parameter: uncertainty not required.

E 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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### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7427

#### **Sensor Model Parameters**

	C1 fF	C2 fF	α V-1	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V ¹	Т6
Х	39.8	298.30	35.94	9.17	0.00	5.06	0.97	0.27	1.00
Υ	29.1	224.68	37.73	3.23	0.19	5.02	0.00	0.26	1.01
Z	42.1	315.28	35.81	8.93	0.00	5.07	1.34	0.20	1.01

#### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	-32.6
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

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### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7427

### 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	10.02	10.02	10.02	0.63	0.80	± 12.0 %
835	41.5	0.90	9.58	9.58	9.58	0.65	0.85	± 12.0 %
1750	40.1	1.37	8.42	8.42	8.42	0.35	0.86	± 12.0 %
1900	40.0	1.40	8.12	8.12	8.12	0.30	0.86	± 12.0 %
2300	39.5	1.67	7.53	7.53	7.53	0.35	0.90	± 12.0 %
2450	39.2	1.80	7.22	7.22	7.22	0.35	0.90	± 12.0 %
2600	39.0	1.96	7.00	7.00	7.00	0.35	0.90	± 12.0 %
5250	35.9	4.71	5.05	5.05	5.05	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.61	4.61	4.61	0.40	1.80	± 13.1 %
5750	35.4	5.22	4.70	4.70	4.70	0.40	1.80	± 13.1 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) can be relaxed to ± 10% if liquid compensation formula is applied to

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) 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 (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

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### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7427

### Calibration Parameter Determined in Body 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	55.5	0.96	10.16	10.16	10.16	0.51	0.80	± 12.0 %
835	55.2	0.97	9.93	9.93	9.93	0.47	0.80	± 12.0 %
1750	53.4	1.49	7.92	7,92	7.92	0.42	0.86	± 12.0 %
1900	53.3	1.52	7.65	7.65	7.65	0.46	0.86	± 12.0 %
2300	52.9	1.81	7.45	7.45	7.45	0.38	0.90	± 12.0 %
2450	52.7	1.95	7.26	7.26	7.26	0.39	0.90	± 12.0 %
2600	52.5	2.16	7.08	7.08	7.08	0.37	0.90	± 12.0 %
5250	48.9	5.36	4.70	4.70	4.70	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.24	4.24	4.24	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.31	4.31	4.31	0.50	1.90	± 13.1 %

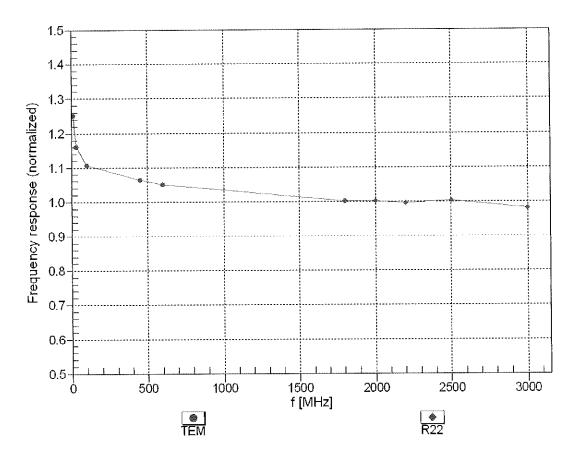
Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

F At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) 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 (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConyF uncertainty for indicated target tissue parameters.

the ConvF uncertainty for indicated target tissue parameters.

Galpha/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.

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

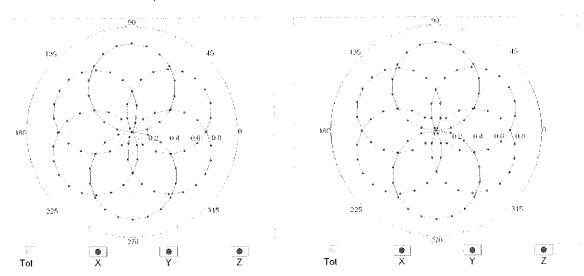


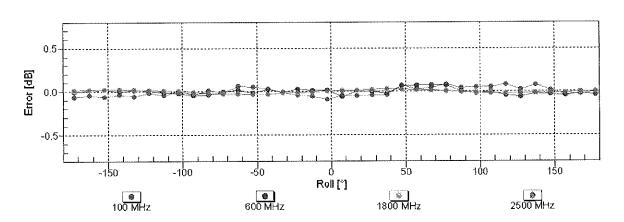
Uncertainty of Frequency Response of E-field: ± 6.3% (k=2)

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



f=1800 MHz,R22

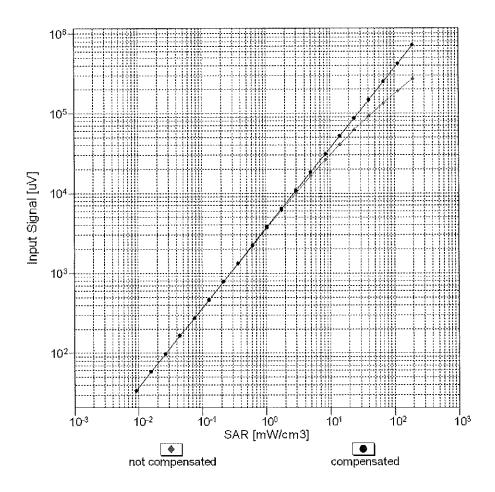


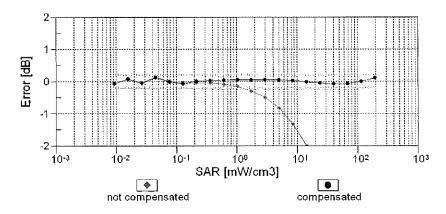


Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

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

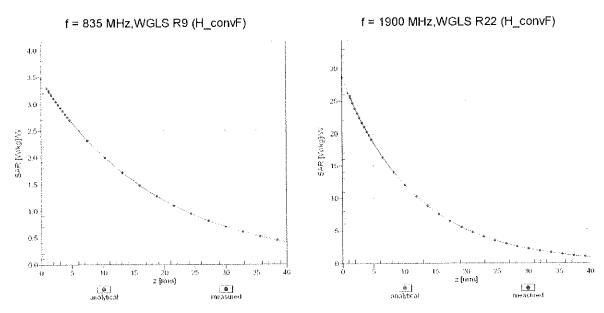




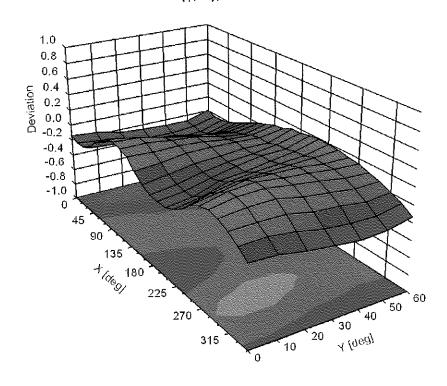
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

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### **Conversion Factor Assessment**



### Deviation from Isotropy in Liquid Error (φ, θ), f = 900 MHz



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### **Appendix: Modulation Calibration Parameters**

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 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	±9.6%
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	±9.6%
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	±9.6%
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	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	CAA	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	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
10042	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10044	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
10048	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10049	CAA	DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
10056	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10058	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10059	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10060	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 %
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.12	± 9.6 %
10069	CAC	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	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10072	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	10.77	± 9.6 %
10077	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 54 Mbps)	WLAN	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
10081	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 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	
10100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD		±9.6%
				5.67	±9.6%
10101 10102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
		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-TOD	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 %

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40400	040	LITE EDD (OO EDAM 4000) DD 40 MILE 40 OAM	LIFE EDD	C 40	1060
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	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	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-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	±9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	±9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TOD	9.28	±9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92 10.05	± 9.6 % ± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD		
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	±9.6%
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	±9.6%
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	±9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	±9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62 6.56	± 9.6 %
10159 10160	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD LTE-FDD	5.82	± 9.6 % ± 9.6 %
	· · · · · · · · · · · · · · · · · · ·	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	6.43	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.58	±9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	5.46	±9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)  LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 30% RB, 1.4 MHz, 10-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE		LTE-FDD	5.73	± 9.6 %
10109	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10170	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	±9.6 %
10171	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TOD	9.21	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG		LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	±9.6 %
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	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	±9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	±9.6%
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %
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10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	TAME AND	0.40	
10221	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 10-QAM)	WLAN WLAN	8.13 8.27	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 % ± 9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10224	CAC	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 10238	CAG CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM) LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)  LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	10,25	±9.6 %
10240	CAB	LTE-TDD (SC-FDMA, 1 KB, 15 MHz, QPSK)  LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD LTE-TDD	9.21 9.82	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 10-QAM)	LTE-TDD	9.82 9.86	± 9.6 % ± 9.6 %
10243	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 9.6 %
10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10251	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10255	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10256 10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	± 9.6 %
10257	CAB CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	10.08	± 9.6 %
10259	CAD	LTE-TDD (SC-PDMA, 100% RB, 1.4 MHz, QPSK)  LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD LTE-TDD	9.34 9.98	± 9.6 % ± 9.6 %
10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.96	± 9.6 %
10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	10.07	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	4.87	± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA	3.96	± 9.6 %
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	± 9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 9.6 %
10290 10291	AAB AAB	CDMA2000, RC1, SO55, Full Rate CDMA2000, RC3, SO55, Full Rate	CDMA2000 CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO35, Full Rate  CDMA2000, RC3, SO32, Full Rate	CDMA2000 CDMA2000	3.46 3.39	± 9.6 % ± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000 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 %
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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, 3 CTRL	WIMAX	12.57	± 9.6 %
10002	,,,,,	symbols)	7711777	.2.0.	2 010 70
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, 15	WiMAX	15.24	± 9.6 %
10000	,,,,,	symbols)	77114111 12 (	10.2.	20,0 %
10306	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18	WiMAX	14.67	± 9.6 %
10000	1,001	symbols)			
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18	WiMAX	14.49	± 9.6 %
1000,	, , , , ,	symbols)			
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18	WiMAX	14.58	± 9.6 %
	' ' ' '	symbols)			
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18	WiMAX	14.57	± 9.6 %
100,0		symbols)			
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	IDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	IDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	±9.6%
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10355	·	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA		Generic	5.10	± 9.6 %
	AAA	QPSK Waveform, 1 MHz	Generic	5.22	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	6.27	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10400	AAD		WLAN	8.60	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	CDMA2000	3.76	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)		3.77	
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000		± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
				i .	l .
10414		Subframe=2,3,4,7,8,9, Subframe Conf=4)	Canada	0.54	
	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	± 9.6 % ± 9.6 %
10415 10416	AAA AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN WLAN	1.54 8.23	± 9.6 % ± 9.6 % ± 9.6 %
10415 10416 10417	AAA AAA AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN WLAN WLAN	1.54 8.23 8.23	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10415 10416	AAA AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle,	WLAN WLAN	1.54 8.23	± 9.6 % ± 9.6 % ± 9.6 %
10415 10416 10417 10418	AAA AAA AAB AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10415 10416 10417	AAA AAA AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle,	WLAN WLAN WLAN	1.54 8.23 8.23	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10415 10416 10417 10418	AAA AAA AAB AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10415 10416 10417 10418 10419	AAA AAB AAA AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423	AAA AAB AAA AAA AAA	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424	AAA AAB AAA AAA AAA AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425	AAA AAB AAA AAA AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426	AAA AAA AAA AAA AAA AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427	AAA AAA AAA AAA AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 90 Mbps, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430	AAA AAA AAA AAA AAA AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431	AAA AAA AAA AAA AAA AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE FDD (OFDMA, 5 MHz, E-TM 3.1)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430	AAA AAA AAA AAA AAA AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431	AAA AAA AAA AAA AAA AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE FDD (OFDMA, 5 MHz, E-TM 3.1)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34 8.34	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431 10432	AAA AAA AAA AAA AAB AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431 10432 10433	AAA AAA AAA AAA AAB AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE FDD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34 8.34	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431 10432 10433 10434	AAA AAA AAA AAA AAB AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 702.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34 8.34 8.60	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431 10432 10433 10434	AAA AAA AAA AAA AAB AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 702.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 16-QAM)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34 8.34 8.60	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431 10432 10433 10434 10435	AAA AAA AAA AAA AAB AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 7DD (OFDMA, 5 MHz, E-TM 3.1) LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) LTE-FDD (OFDMA, 20 MHz, E-TM 3.1) W-CDMA (BS Test Model 1, 64 DPCH) LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.23 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 7.82	±9.6 % ±9.6 %
10415 10416 10417 10418 10419 10422 10423 10424 10425 10426 10427 10430 10431 10432 10433 10434 10435	AAA AAA AAA AAA AAB AAB AAB AAB AAB AAB	WLAN CCDF, 64-QAM, 40MHz IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule) IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK) IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE ROZ.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE ROZ.11n (HT Greenfield, 150 Mbps, 64-QAM) IEEE ROZ.11n (HT Greenfield, 150 Mbps, 16-QAM) IEEE ROZ.1	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	1.54 8.23 8.23 8.14 8.19 8.32 8.47 8.40 8.41 8.45 8.41 8.28 8.38 8.34 8.34 7.56	±9.6 % ±9.6 %

10463   AAD   Validation (Square, 10ne, 1ms)   Test   10,00   9.9.6 %     10466   AAS   IEEE 802,113c WiFH (100ML, 64-CAM, 99pc duly cycle)   WILNAN   8.63   9.6 %     10467   AAA   UMTS-FDD (ICC-HSDPA)   WCDMA   6.62   9.9.6 %     10468   AAA   CDMA2000 (IKEV-DO, Rev. B, 2 carriers)   CDMA2000   6.55   9.9.6 %     10469   AAA   CDMA2000 (IKEV-DO, Rev. B, 3 carriers)   CDMA2000   CDMA2000   Rev. Do, Rev. B, 3 carriers   Rev	10451	AAA	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10467   AAA   UMTS-FDD (ICK-HSDPA)   WCDMA   6.62   £9.6 %   10459   AAA   CDMA2000 (IKEV-DO, Rev. B, 2 carriers)   CDMA2000   6.55   £9.6 %   10469   AAA   CDMA2000 (IKEV-DO, Rev. B, 3 carriers)   CDMA2000   CDMA2000   6.55   £9.6 %   10461   AAB   LTE-TDD (SCF-DMA, 1 RB, 1.4 MHz, OFSK, UL   LTE-TDD   7.82   £9.6 %   10462   AAB   LTE-TDD (SCF-DMA, 1 RB, 1.4 MHz, OFSK, UL   LTE-TDD   8.30   £9.6 %   10462   AAB   LTE-TDD (SCF-DMA, 1 RB, 1.4 MHz, OFSK, UL   LTE-TDD   8.30   £9.6 %   10463   AAB   LTE-TDD (SCF-DMA, 1 RB, 1.4 MHz, OFSK, UL   LTE-TDD   8.56   £9.6 %   10464   AAC   LTE-TDD (SCF-DMA, 1 RB, 1.4 MHz, OFSK, UL   LTE-TDD   8.56   £9.6 %   10464   AAC   LTE-TDD (SCF-DMA, 1 RB, 3 MHz, OFSK, UL   LTE-TDD   7.82   £9.6 %   10465   AAC   LTE-TDD (SCF-DMA, 1 RB, 3 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10466   AAC   LTE-TDD (SCF-DMA, 1 RB, 3 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10466   AAC   LTE-TDD (SCF-DMA, 1 RB, 5 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10467   AAF   LTE-TDD (SCF-DMA, 1 RB, 5 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10468   AAF   LTE-TDD (SCF-DMA, 1 RB, 5 MHz, OFSK, UL   LTE-TDD   8.52   £9.6 %   10468   AAF   LTE-TDD (SCF-DMA, 1 RB, 5 MHz, OFSK, UL   LTE-TDD   8.52   £9.6 %   10469   AAF   LTE-TDD (SCF-DMA, 1 RB, 5 MHz, OFSK, UL   LTE-TDD   8.52   £9.6 %   10469   AAF   LTE-TDD (SCF-DMA, 1 RB, 5 MHz, OFSK, UL   LTE-TDD   8.56   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.56   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, 1 RB, 10 MHz, OFSK, UL   LTE-TDD   8.57   £9.6 %   10470   AAF   LTE-TDD (SCF-DMA, SNR RB, 14 MHz, OFSK, UL   LTE-TDD	10453	AAD	Validation (Square, 10ms, 1ms)			
10488   AAA   CDMA200 (15E-VD, Rev. B. 2 carriers)		AAB		WLAN	8,63	
10499   AAA   CDMA2000 (TxEV-DC, Rev. B, 3 carriers)   CDMA2000   8.25   \$9.6 %				WCDMA	6.62	± 9.6 %
10460   AAA   UMTS-FOD (WCDMA, AMR)   WCDMA   2.39   ±9.6 %   Subtrame=2,3,4,7,8,9   UTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, GPSK, UL   LTE-TDD   8.30   ±9.6 %   Subtrame=2,3,4,7,8,9   UTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, 16-OAM, UL   LTE-TDD   8.50   ±9.6 %   Subtrame=2,3,4,7,8,9   UTE-TDD (SC-FOMA, 1 RB, 1.4 MHz, 64-OAM, UL   LTE-TDD   8.50   ±9.6 %   Subtrame=2,3,4,7,8,9   UTE-TDD (SC-FOMA, 1 RB, 3 MHz, GPSK, UL   LTE-TDD   8.32   ±9.6 %   Subtrame=2,3,4,7,8,9   UTE-TDD (SC-FOMA, 1 RB, 3 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 3 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 3 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 3 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 5 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 5 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 5 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 5 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 5 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.56   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.32   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.57   ±9.6 %   UTE-TDD (SC-FOMA, 1 RB, 15 MHz, 16-OAM, UL   LTE-TDD   8.59   ±9.6 %   UTE-TDD (SC-FOMA, 5 MBz, 5 MHz, 16-OAM, UL   LTE-TDD   8.59   ±9.6 %   UTE-TD			CDMA2000 (1xEV-DO, Rev. B, 2 carriers)		6.55	
10461   AAB						
10462   AAB   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL   LTE-TDD   8.30   £ 9.6 %				WCDMA	2.39	± 9.6 %
10462	10461	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
Subframe-2,3,4,7,8,9						ļ
10463	10462	AAB		LTE-TDD	8.30	± 9.6 %
Subframe-2,3,4,7,8,9						
10464	10463	AAB		LTE-TDD	8.56	± 9.6 %
Subframe=2,3,4,7,8,9						
10466	10464	AAC		LTE-TDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9	***************************************		Subframe=2,3,4,7,8,9)			
10466	10465	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9			Subframe=2,3,4,7,8,9)			ļ
10467	10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL	LTE-TDD	8.57	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL   Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL   LTE-TDD (SC-FDMA, 1 RB, 25 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 15 MB, 14 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL   LT		ļ <u></u>				
10468	10467	AAF		LTE-TDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9			Subframe=2,3,4,7,8,9)			
10469	10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL	LTE-TDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL   LTE-TDD   T,82						
10470	10469	AAF		LTE-TDD	8.56	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL   LTE-TDD   S.32		<b>.</b>				
10471	10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL	LTE-TDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50%			Subframe=2,3,4,7,8,9)			
10472	104/1	AAF		LTE-TDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub	40.470	A 4 E		1 == ===		
10473	10472	AAF		LIE-IDD	8.57	± 9.6 %
Subframe=2,3,4,7,8,9	40472	^^_		LTC TDD	7.00	. 0 0 0/
10474	10473	AAE		LIE-IDD	7.82	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL   LTE-TDD   S.57   ±9.6 %   Subframe=2,3,4,7,8,9    Subfr	10474	^ F		LTE TOD	9 2 2	+0.69/
10475         AAE         LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL LTE-TDD	104/4	AAE		LIE-IDD	8.32	± 9.6 %
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL SUBframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL	10475	\ \ \ \		LTE TOD	0.67	10.69/
10477         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,	10473	AAL		LIETIDD	0.07	19.0%
Subframe=2,3,4,7,8,9	10477	ΔΔΕ		LTE TOD	0 22	1069/
10478         AAF         LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.74         ± 9.6 %           10480         AAB         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.18         ± 9.6 %           10481         AAB         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.45         ± 9.6 %           10482         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.71         ± 9.6 %           10483         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.39         ± 9.6 %           10484         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.47         ± 9.6 %           10485         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.59         ± 9.6 %           10486         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.38         ± 9.6 %           10487         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.70         ± 9.6 %	10477	7931		LILIDD	0,02	1 3.0 /6
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL SUBframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL SUBframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL SUBframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL SUBframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64	10478	AAF		1 TE-TOD	8.57	+96%
10479         AAB         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.74         ± 9.6 %           10480         AAB         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.18         ± 9.6 %           10481         AAB         LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.45         ± 9.6 %           10482         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.71         ± 9.6 %           10483         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.39         ± 9.6 %           10484         AAC         LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.59         ± 9.6 %           10485         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.59         ± 9.6 %           10486         AAF         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.60         ± 9.6 %           10487         AAF         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.70         ± 9.6 %           10489         AAF         LTE-TDD (SC-FDM	10410	, , , ,	Subframe=2 3 4 7 8 9)	- 100	0.07	1 2.0 /0
Subframe=2,3,4,7,8,9	10479	ΔΔΒ		I TE-TOD	7 7/	+06%
10480       AAB       LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.18       ± 9.6 %         10481       AAB       LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.45       ± 9.6 %         10482       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.71       ± 9.6 %         10483       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.39       ± 9.6 %         10484       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.47       ± 9.6 %         10485       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.38       ± 9.6 %         10486       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.60       ± 9.6 %         10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       LTE-TDD       8.54       ± 9.6 %<	10110	7010			1.14	1 20.0 /0
Subframe=2,3,4,7,8,9	10480	AAB	LTE-TDD (SC-EDMA 50% RB 14 MHz 16-QAM UI	LTE-TOD	8 18	+96%
10481       AAB       LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.45       ± 9.6 %         10482       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.71       ± 9.6 %         10483       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.39       ± 9.6 %         10484       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.47       ± 9.6 %         10485       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.59       ± 9.6 %         10486       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.60       ± 9.6 %         10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       LTE-TDD       8.54       ± 9.6 %	10100		Subframe=2.3.4.7.8.9)		0,10	20.0 /0
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-	10481	AAB		LTF-TDD	8 45	+96%
10482       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.71       ± 9.6 %         10483       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.39       ± 9.6 %         10484       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.47       ± 9.6 %         10485       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.59       ± 9.6 %         10486       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.38       ± 9.6 %         10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       8.54       ± 9.6 %		'			0.10	20.0 70
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD   S.39	10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, OPSK UI	LTE-TOD	7.71	±9.6%
10483       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.39       ± 9.6 %         10484       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.47       ± 9.6 %         10485       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.59       ± 9.6 %         10486       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.38       ± 9.6 %         10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       LTE-TDD       8.54       ± 9.6 %		, , , ,			1,71	20.070
Subframe=2,3,4,7,8,9	10483	AAC		I TF-TDD	8 39	+96%
10484       AAC       LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.47       ± 9.6 %         10485       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.59       ± 9.6 %         10486       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.38       ± 9.6 %         10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10488       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       LTE-TDD       8.54       ± 9.6 %	10100	,			0.00	2 0.0 70
Subframe=2,3,4,7,8,9	10484	AAC		LTF-TDD	8 47	+96%
10485         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.59         ± 9.6 %           10486         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.38         ± 9.6 %           10487         AAF         LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.60         ± 9.6 %           10488         AAF         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)         LTE-TDD         7.70         ± 9.6 %           10489         AAF         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)         LTE-TDD         8.31         ± 9.6 %           10490         AAF         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD         LTE-TDD         8.54         ± 9.6 %						2 0/0 /0
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)   LTE-TDD   8.38 ± 9.6 %	10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL	LTE-TDD	7.59	± 9.6 %
10486       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.38       ± 9.6 %         10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.60       ± 9.6 %         10488       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       8.54       ± 9.6 %						, .
Subframe=2,3,4,7,8,9	10486	AAF		LTE-TDD	8.38	± 9.6 %
10487       AAF       LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.60       ± 9.6 %         10488       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       8.54       ± 9.6 %			Subframe=2,3,4,7,8,9)			
Subframe=2,3,4,7,8,9    LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)   LTE-TDD   7.70	10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL	LTE-TDD	8.60	± 9.6 %
10488       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)       LTE-TDD       7.70       ± 9.6 %         10489       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)       LTE-TDD       8.31       ± 9.6 %         10490       AAF       LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD       LTE-TDD       8.54       ± 9.6 %			Subframe=2,3,4,7,8,9)			
Subframe=2,3,4,7,8,9)	10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL	LTE-TDD	7.70	± 9.6 %
Subframe=2,3,4,7,8,9)         LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL         LTE-TDD         8.54         ± 9.6 %			Subframe=2,3,4,7,8,9)			
10490 AAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD 8.54 ± 9.6 %	10489	AAF		LTE-TDD	8.31	± 9.6 %
Subframe=2,3,4,7,8,9)	10490	AAF		LTE-TDD	8.54	± 9.6 %
			Subframe=2,3,4,7,8,9)		,,	

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10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL	LTE-TDD	7.74	±9.6 %
10492	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL	LTE-TDD	8.41	±9.6%
10493	AAE	Subframe=2,3,4,7,8,9)  LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL  Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	± 9.6 %
10494	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10495	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.37	±9.6 %
10496	AAF	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10497	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 9.6 %
10498	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.40	± 9.6 %
10499	AAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.68	± 9.6 %
10500	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.67	± 9.6 %
10501	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,44	± 9.6 %
10502	AAC	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8,52	± 9.6 %
10503	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.72	± 9.6 %
10504	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.31	±9.6%
10505	AAF	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.54	± 9.6 %
10506	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10507	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.36	± 9.6 %
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.55	±9.6%
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.99	±9.6%
10510	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.49	±9.6 %
10511	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.51	± 9.6 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.74	± 9.6 %
10513	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.42	±9.6%
10514	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	LTE-TDD	8.45	±9.6%
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 99pc duty cycle)	WLAN	1.58	±9.6%
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc duty cycle)	WLAN	1.57	±9.6 %
10517	AAA	IEEE 802,11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc duty cycle)	WLAN	1.58	± 9.6 %
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc duty cycle)	WLAN	8.39	±9.6 %
10520	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 99pc duty cycle)	WLAN	8.12	± 9.6 %
	1 4 10 10		WLAN	7.97	± 9.6 %
	ΔAR	I TEEL SID TASIN MALE 5 GHZ (LIETIM) ZA BANDE WUNCHIN CUCIO			
10521	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc duty cycle)			
10521 10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10521 10522 10523	AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle)	WLAN WLAN	8.45 8.08	± 9.6 % ± 9.6 %
10521 10522 10523 10524	AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle)	WLAN WLAN WLAN	8.45 8.08 8.27	± 9.6 % ± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525	AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle)	WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525 10526	AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525 10526 10527	AAB AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525 10526 10527 10528	AAB AAB AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525 10526 10527 10528 10529	AAB AAB AAB AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36	± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525 10526 10527 10528 10529 10531	AAB AAB AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS6, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36	± 9.6 % ± 9.6 %
10521 10522 10523 10524 10525 10526 10527 10528 10529	AAB AAB AAB AAB AAB AAB AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc duty cycle) IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS0, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS1, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS2, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS3, 99pc duty cycle) IEEE 802.11ac WiFi (20MHz, MCS4, 99pc duty cycle)	WLAN WLAN WLAN WLAN WLAN WLAN WLAN WLAN	8.45 8.08 8.27 8.36 8.42 8.21 8.36 8.36	± 9.6 % ± 9.6 %

40004	I A A D	IEEE 000 44 WEE / LONG OO L	<u> </u>		
10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc duty cycle)	WLAN	8.45	±9.6%
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc duty cycle)	WLAN	8.32	± 9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc duty cycle)	WLAN	8.44	± 9.6 %
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN	8.35	± 9.6 %
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN	8.38	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8,42	± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc duty cycle)	WLAN	8.52	± 9.6 %
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc duty cycle)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.73	
10561	AAC				± 9.6 %
		IEEE 802.11ac WiFi (160MHz, MCS7, 99pc duty cycle)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty	WLAN	8.45	± 9.6 %
10566	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty	WLAN	8.13	± 9.6 %
		cycle)			
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty cycle)	WLAN	8,00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty	WLAN	8.37	± 9.6 %
10569	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty	WLAN	8.10	1060/
10309	AAA	cycle)	VVLAIN	0.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty	WLAN	0.20	1000
10370	AAAA	cycle)	WLAN	8.30	± 9.6 %
10571	ΛΛΛ	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	30/1 0.81	4.00	1000
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
	·}	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)	WLAN	1.99	± 9.6 %
10573	AAA		WLAN	1.98	± 9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc duty cycle)	WLAN	1.98	± 9.6 %
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	±9.6%
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty	WLAN	8.60	± 9.6 %
10577	AAA	cycle) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty	WLAN	8.70	± 9.6 %
	L	cycle)		. [.	1
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty	WLAN	8,49	± 9.6 %
		cycle)			
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty	WLAN	8.36	± 9.6 %
40500		cycle)	LAIP 457		<del>                                     </del>
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc duty	WLAN	8.35	± 9.6 %
40500		cycle)	18/1 55	0.53	
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	± 9.6 %
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10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	± 9.6 %
10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10589	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 90pc duty cycle)	WLAN	8.35	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc duty cycle)	WLAN	8.67	± 9.6 %
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc duty cycle)	WLAN	8.63	± 9.6 %
10592	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc duty cycle)	WLAN	8.64	±9.6 %
10594	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10595	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc duty cycle)	WLAN	8.74	±9.6%
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc duty cycle)	WLAN	8.72	± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc duty cycle)	WLAN	8.50	± 9.6 %
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc duty cycle)	WLAN	9.03	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc duty cycle)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 30pc duty cycle)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 30pc duty cycle)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc duty cycle)	WLAN	8.64	± 9.6 %
			WLAN	8.77	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc duty cycle)			
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc duty cycle)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10617	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10618	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc duty cycle)	WLAN	8.58	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 90pc duty cycle)	WLAN	8.87	± 9.6 %
10621	AAB	IEEE 802.11ac WiFi (40MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc duty cycle)	WLAN	8.68	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc duty cycle)	WLAN	8.96	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc duty cycle)	WLAN	8.88	± 9.6 %
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc duty cycle)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10630	<del>}</del>	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc duty cycle)	WLAN	8.72	± 9.6 %
	AAB		WLAN	8.81	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc duty cycle)			
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc duty cycle)	WLAN WLAN	8.74	±9.6%
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc duty cycle)		8.83	±9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc duty cycle)	WLAN	8.80	±9.6%
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc duty cycle)	WLAN	8.79	± 9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc duty cycle)	WLAN	8.85	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc duty cycle)	WLAN	8.98	± 9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10642	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc duty cycle)	WLAN	9.06	± 9.6 %
10643	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10644	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 90pc duty cycle)	WLAN	9.05	± 9.6 %
10645	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10646	AAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=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 %
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10654		LITE TOD (OFD) AA AF MILE E TAA O A OUR - 1 - AAO()	I LTC TOD	1 000	1
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
	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	AAA	IEEE 802.11ax (20MHz, MCS0, 90pc duty cycle)	WLAN	9.09	± 9.6 %
10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc duty cycle)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc duty cycle)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc duty cycle)	WLAN	8.90	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc duty cycle)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc duty cycle)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc duty cycle)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc duty cycle)	WLAN	8.62	± 9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc duty cycle)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS1, 99pc duty cycle)	WLAN	8.26	± 9.6 %
10685	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc duty cycle)	WLAN	8.28	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10692	AAA				
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc duty cycle)	WLAN	8.29	± 9.6 %
	1	IEEE 802.11ax (20MHz, MCS10, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc duty cycle)	WLAN	8.57	± 9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc duty cycle)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc duty cycle)	WLAN	8.91	± 9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc duty cycle)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc duty cycle)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc duty cycle)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc duty cycle)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc duty cycle)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc duty cycle)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc duty cycle)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc duty cycle)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc duty cycle)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10710	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc duty cycle)	WLAN	8.29	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc duty cycle)	WLAN	8.39	± 9.6 %
10712	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc duty cycle)	WLAN	8,67	± 9.6 %
10713	AAA	IEEE 802.11ax (40MHz, MCS6, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc duty cycle)	WLAN	8.26	± 9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc duty cycle)	WLAN	8.30	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc duty cycle)	WLAN	8.24	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)	WLAN	8.81	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc duty cycle)	WLAN	8.87	± 9.6 %
	AAA		WLAN	8.76	<del>†</del>
10721		IEEE 802.11ax (80MHz, MCS2, 90pc duty cycle)			± 9.6 %
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc duty cycle)	WLAN	8.55	± 9.6 %
10723	AAA AAA	IEEE 802.11ax (80MHz, MCS4, 90pc duty cycle)	WLAN	8.70	± 9.6 %
	13 14 13	IEEE 802.11ax (80MHz, MCS5, 90pc duty cycle)	WLAN	8.90	±9.6%
10724	·				
	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc duty cycle) IEEE 802.11ax (80MHz, MCS7, 90pc duty cycle)	WLAN WLAN	8.74 8.72	± 9.6 % ± 9.6 %

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10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc duty cycle)	WLAN	8.66	±0.6 %
					± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc duty cycle)	WLAN	8.65	±9.6%
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc duty cycle)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc duty cycle)	WLAN	8,67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10732	AAA	IEEE 802.11ax (80MHz, MCS1, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10733	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10734	AAA	IEEE 802.11ax (80MHz, MCS3, 99pc duty cycle)	WLAN	8.25	± 9.6 %
10735	AAA	IEEE 802.11ax (80MHz, MCS4, 99pc duty cycle)	WLAN	8.33	± 9.6 %
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc duty cycle)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc duty cycle)	WLAN	8.36	± 9.6 %
10738	AAA	IEEE 802.11ax (60MHz, MCS7, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10739			WLAN	8.29	± 9.6 %
	AAA	IEEE 802.11ax (80MHz, MCS8, 99pc duty cycle)			
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc duty cycle)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc duty cycle)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc duty cycle)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc duty cycle)	WLAN	8.94	±9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc duty cycle)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc duty cycle)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc duty cycle)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc duty cycle)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc duty cycle)	WLAN	8.90	± 9.6 %
			WLAN		
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc duty cycle)		8.79	±9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc duty cycle)	WLAN	8.82	±9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc duty cycle)	WLAN	8.81	±9.6%
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc duty cycle)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc duty cycle)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc duty cycle)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc duty cycle)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10760	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10761	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc duty cycle)	WLAN	8.58	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10764	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc duty cycle)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS10, 99pc duty cycle)	WLAN	8.54	±9.6 %
10766	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc duty cycle)	WLAN	8.51	± 9.6 %
10767	AAB	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1	7.99	± 9.6 %
			TDD		
10768	AAB	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1	8.01	± 9.6 %
			TDD		
10769	AAB	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1	8.01	± 9.6 %
1			TDD		
10770	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1	8.02	± 9.6 %
, , , , ,			TDD		
10771	AAB	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1	8.02	± 9.6 %
1,011	, 7,70	COLLET OF SIGN, TINE, 20 MILE, OF SIN, TO KILE)	TDD	3.02	_ 0.0 %
10772	AAB	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1	8.23	± 9.6 %
10//2	AAD	1 3G NK (CF*OFDINI, 1 KB, 30 MINZ, QF3K, 13 KHZ)	1	0.23	2 9.0 /6
40770		FO ND (OD OFDM 4 DD 40 MHz ODOK 45 H12)	TDD FB1	8.00	1000
10773	AAB	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1	8.03	± 9.6 %
	<del>  </del>	50 ND (00 0FDM 4 DD 50 MM 050 (4511)	TDD	0.00	1.000
10774	AAB	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1	8.02	±9.6%
			TDD	ļ	
10776	AAB	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1	8.30	± 9.6 %
			TDD		
10778	AAB	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1	8.34	± 9.6 %
			TDD		
10780	AAB	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1	8.38	± 9.6 %
			TDD		
10781	AAB	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1	8.38	± 9.6 %
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	the services are any experienced to the major and to the major		1	1
			TDD		1

10782	AAB	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAB	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1	8.31	± 9.6 %
10784	AAB	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAB	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAB	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1	8.35	± 9.6 %
10787	AAB	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1	8.44	± 9.6 %
10788	AAB	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1	8.39	± 9.6 %
10789	AAB	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1	8.37	± 9.6 %
10790	AAB	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAB	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1	7.83	± 9.6 %
10792	AAB	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1	7.92	± 9.6 %
10793	AAB	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1	7.95	± 9.6 %
10794	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	TDD 5G NR FR1 TDD	7.82	± 9.6 %
10795	AAB	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1	7.84	± 9.6 %
10796	AAB	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1	7.82	± 9.6 %
10797	AAB	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1	8.01	± 9.6 %
10798	AAB	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1	7.89	± 9.6 %
10799	AAB	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1	7.93	± 9.6 %
10801	AAB	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1	7.89	± 9.6 %
10802	AAB	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.87	± 9.6 %
10803	AAB	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1	7.93	± 9.6 %
10805	AAB	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10806	AAB	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1	8.37	±9.6 %
10809	AAB	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1	8.34	± 9.6 %
10810	AAB	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1	8.34	± 9.6 %
10812	AAB	5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1	8.35	± 9.6 %
10817	AAB	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10818	AAB	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1	8.34	± 9.6 %
10819	AAB	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1	8.33	± 9.6 %
10820	AAB	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1	8.30	± 9.6 %
10821	AAB	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10822	AAB	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1	8.41	± 9.6 %
10823	AAB	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1	8.36	± 9.6 %

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10824	AAB	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1	8.39	± 9.6 %
10825	AAB	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10827	AAB	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1	8.42	± 9.6 %
10828	AAB	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)	5G NR FR1	8.43	± 9.6 %
10829	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1	8.40	± 9.6 %
10830	AAB	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.63	± 9.6 %
10831	AAB	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.73	± 9.6 %
10832	AAB	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.74	± 9.6 %
10833	AAB	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.70	± 9.6 %
10834	AAB	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.75	± 9.6 %
10835	AAB	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.70	± 9.6 %
10836	AAB	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	7.66	± 9.6 %
10030	AAD	30 NK (CF-OFDIN, 1 KB, 30 INITIZ, QF3K, 00 KHZ)	TDD	7.00	1 3.0 70
10837	AAB	5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.68	± 9.6 %
10839	AAB	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.70	± 9.6 %
10840	AAB	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.67	± 9.6 %
10841	AAB	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	7.71	± 9.6 %
10843	AAB	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1	8.49	± 9.6 %
10844	AAB	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10846	AAB	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1	8.41	± 9.6 %
10854	AAB	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1	8.34	± 9.6 %
10855	AAB	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 kHz)	5G NR FR1	8.36	± 9.6 %
10856	AAB	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)	5G NR FR1	8.37	± 9.6 %
10857	AAB	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 kHz)	5G NR FR1	8.35	± 9.6 %
10858	AAB	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1	8.36	± 9.6 %
10859	AAB	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)	5G NR FR1	8.34	± 9.6 %
10860	AAB	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)	5G NR FR1	8.41	± 9.6 %
10861	AAB	5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)	5G NR FR1	8.40	± 9.6 %
10863	AAB	5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)	5G NR FR1	8.41	± 9.6 %
10864	AAB	5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	8.37	± 9.6 %
10865	AAB	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)	TDD 5G NR FR1	8.41	± 9.6 %
10866	AAB	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1	5.68	± 9.6 %
10868	AAB	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1	5.89	± 9.6 %
40000	000	FO ND (DET a OFDM 4 DD 400 MHz ODOK 400 MHz)	TDD	<u></u>	1000
10869	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %

10870	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	5.86	± 9.6 %
10871	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	5.75	± 9.6 %
10872	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.52	± 9.6 %
10873	AAC	5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %
10874	AAC	5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	± 9.6 %
10875	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2	7.78	± 9.6 %
10876	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)	5G NR FR2	8.39	± 9.6 %
10877	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	7.95	± 9.6 %
10878	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10879	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.12	± 9.6 %
10880	AAC	5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.38	± 9.6 %
10881	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2	5.75	± 9.6 %
10882	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2	5.96	± 9.6 %
10883	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	6.57	± 9.6 %
10884	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	6.53	± 9.6 %
10885	AAC	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	±9.6 %
10886	AAC	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.65	±9.6 %
10887	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2	7.78	± 9.6 %
10888	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2	8.35	± 9.6 %
10889	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	8.02	± 9.6 %
10890	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2	8.40	± 9.6 %
10891	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2	8.13	± 9.6 %
10892	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2	8.41	± 9.6 %

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

#### Calibration Laboratory of

Schmid & Partner
Engineering AG
Zeughausstrasse 43, 8004 Zurich, Switzerland





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

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Multilateral Agreement for the recognition of calibration certificates

Client

**PC Test** 

Certificate No: EX3-7406_Jun20

#### CALIBRATION CERTIFICATE

Object

EX3DV4 - SN:7406

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

BNV

Calibration date:

June 23, 2020

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	01-Apr-20 (No. 217-03100/03101)	Apr-21
Power sensor NRP-Z91	SN: 103244	01-Apr-20 (No. 217-03100)	Apr-21
Power sensor NRP-Z91	SN: 103245	01-Apr-20 (No. 217-03101)	Apr-21
Reference 20 dB Attenuator	SN: CC2552 (20x)	31-Mar-20 (No. 217-03106)	Apr-21
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
Secondary Standards	ID	Check Date (in house)	Scheduled Check
Power meter E4419B	SN: GB41293874	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct-20

Name Function Signature

Calibrated by: Leif Klysner Laboratory Technician Sefflic

Approved by: Katja Pokovic Technical Manager

Issued: June 23, 2020

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

#### Calibration Laboratory of

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





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Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

tissue simulating liquid **TSL** 

sensitivity in free space NORMx,y,z

sensitivity in TSL / NORMx,y,z ConvF

diode compression point DCP

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

φ rotation around probe axis Polarization φ

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

i.e.,  $\vartheta = 0$  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) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013

b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016

c) IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010

d) KDB 865664, "SAR Measurement Requirements for 100 MHz to 6 GHz"

#### Methods Applied and Interpretation of Parameters:

Certificate No: EX3-7406_Jun20

NORMx,y,z: Assessed for E-field polarization 9 = 0 (f  $\leq 900$  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

Ax,y,z; Bx,y,z; Cx,y,z; Dx,y,z; VRx,y,z: A, B, C, D are numerical linearization parameters assessed based on the data of power sweep for specific modulation signal. The parameters do not depend on frequency nor media. VR is the maximum calibration range expressed in RMS voltage across the diode.

ConvF and Boundary Effect Parameters: Assessed in flat phantom using E-field (or Temperature Transfer Standard for f ≤ 800 MHz) and inside waveguide using analytical field distributions based on power measurements for f > 800 MHz. The same setups are used for assessment of the parameters applied for boundary compensation (alpha, depth) of which typical uncertainty values are given. These parameters are used in DASY4 software to improve probe accuracy close to the boundary. The sensitivity in TSL corresponds to NORMx,y,z * ConvF whereby the uncertainty corresponds to that given for ConvF. A frequency dependent ConvF is used in DASY version 4.4 and higher which allows extending the validity from ± 50 MHz to ± 100 MHz.

Spherical isotropy (3D deviation from isotropy): in a field of low gradients realized using a flat phantom exposed by a patch antenna.

Sensor Offset: The sensor offset corresponds to the offset of virtual measurement center from the probe tip (on probe axis). No tolerance required.

Connector Angle: The angle is assessed using the information gained by determining the NORMx (no uncertainty required).

June 23, 2020

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

**Basic Calibration Parameters** 

Dasic Calibration I area	1101010			11
	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) ² ) ^A	0.48	0.43	0.46	± 10.1 %
DCP (mV) ^B	99.4	94.6	98.3	

UID	ion Results for Modulation Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc ^E (k=2)
0	cw	X	0.00	0.00	1.00	0.00	136.9	± 3.3 %	±4.7 %
U	011	Y	0.00	0.00	1.00		152.7		
		Z	0.00	0.00	1.00		152.3		
10352-	Pulse Waveform (200Hz, 10%)	X	20.00	92.47	21.47	10.00	60.0	± 3.6 %	± 9.6 %
AAA	, 4,00	Υ	13.84	84.00	17.05		60.0		
		Z	20.00	90.56	20.16		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	20.00	95.36	21.69	6.99	80.0	± 2.3 %	± 9.6 %
AAA	, 400	Y	20.00	90.00	17.99		80.0		1
, , , , ,	_	Z	20.00	93.46	20.30		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	101.64	23.29	3.98	95.0	± 1.1 %	± 9.6 %
AAA	(====, -=, -=, -=, -=, -=, -=, -=, -=, -=	Y	20.00	97.11	20.02		95.0		
	Ì	Z	20.00	100.49	22.19		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	109.15	25.49	2.22	120.0	± 1.0 %	± 9.6 %
AAA	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Y	20.00	125.32	31.37	]	120.0	j	
,,,,,		Z	20.00	104.47	22.82		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.63	64.84	14.39	1.00	150.0	± 2.5 %	± 9.6 %
AAA	G. Cit Hardiani, Time	Y	2.54	78.32	19.84	]	150.0	]	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Z	1.71	65.77	14.81		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.12	66.64	15.05	0.00	150.0	± 0.9 %	± 9.6 %
AAA	G. Sitting and the same	Y	2.26	70.88	17.66		150.0	<u> </u>	
		Z	2.25	67.61	15.50		150.0	<u> </u>	
10396-	64-QAM Waveform, 100 kHz	X	2.75	69.15	18.09	3,01	150.0	± 0.9 %	± 9.6 %
AAA		Y	1.99	66.73	17.59		150.0	_	
		Z	2.46	67.47	17.28		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.46	66.55	15.45	0.00	150.0	± 0.8 %	± 9.6 °
AAA		Y	3.47	68.06	16.58	_	150.0		
		Z	3.42	66.39	15.39		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.87	65.40	15.36	0.00	150.0	± 1.8 %	± 9.6
AAA	1.2.0.022.,0.0.20.00,0.00	Y	4.61	66.49	16.17		150.0	_	1
, , , , ,		Z	4.80	65.22	15.29		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%.

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

Numerical linearization parameter: uncertainty not required.

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.

EX3DV4- SN:7406 June 23, 2020

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

#### **Sensor Model Parameters**

11301	C1 fF	C2 fF	α V ⁻¹	T1 ms.V ⁻²	T2 ms.V ⁻¹	T3 ms	T4 V ⁻²	T5 V ⁻¹	Т6
Y	47.2	349.81	35.02	10.29	0.21	5.04	1.47	0.17	1.01
$\frac{\lambda}{\nabla}$	22.3	166.33	35.67	7.09	0.00	5.02	0.40	0.08	1.00
<del>_</del> ;	46.2	344.43	35.35	7.82	0.14	5.03	0.43	0.27	1.00

#### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	94.3
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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### DASY/EASY - Parameters of Probe: EX3DV4 - SN:7406

#### 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	10.04	10.04	10.04	0.43	0.91	± 12.0 %
835	41.5	0.90	9.61	9.61	9.61	0.48	0.87	± 12.0 %
1750	40.1	1.37	8.32	8.32	8.32	0.33	0.86	± 12.0 %
1900	40.0	1.40	7.96	7.96	7.96	0.39	0.86	± 12.0 %
2300	39.5	1.67	7.76	7.76	7.76	0.31	0.95	± 12.0 %
2450	39.2	1.80	7.55	7.55	7.55	0.34	0.95	± 12.0 %
2600	39.0	1.96	7.39	7.39	7.39	0.41	0.90	± 12.0 %
5250	35.9	4.71	5.45	5.45	5.45	0.40	1.80	± 13.1 %
5600	35.5	5.07	4.94	4.94	4.94	0.40	1.80	± 13.1 %
5750	35.4	5.22	5.15	5.15	5.15	0.40	1.80	± 13.1 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

⁶ MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

At frequencies below 3 GHz, the validity of tissue parameters (ε and σ) 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 (ε and σ) is restricted to ± 5%. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

The ConvF uncertainty for indicated target tissue parameters.

Galpha/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:7406

### Calibration Parameter Determined in Body Tissue Simulating Media

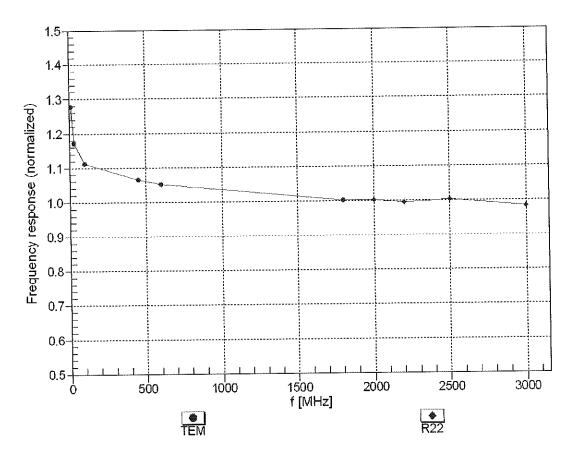
f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha ^G	Depth ^G (mm)	Unc (k=2)
750	55.5	0.96	9.66	9.66	9.66	0.37	0.97	± 12.0 %
835	55.2	0.97	9.47	9.47	9.47	0.42	0.80	± 12.0 %
1750	53.4	1.49	7.96	7.96	7.96	0.36	0.86	± 12.0 %
1900	53.3	1.52	7.69	7.69	7.69	0.43	0.86	± 12.0 %
2300	52.9	1.81	7.59	7.59	7.59	0.41	0.95	± 12.0 %
2450	52.7	1.95	7.43	7.43	7.43	0.35	0.95	± 12.0 %
2600	52.5	2.16	7.40	7.40	7.40	0.38	0.95	± 12.0 %
5250	48.9	5.36	5.05	5.05	5.05	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.37	4.37	4.37	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.56	4.56	4.56	0.50	1,90	± 13.1 %

^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 4-9 MHz, and ConvF assessed at 13 MHz is 9-19 MHz. Above 5 GHz frequency validity can be extended to ± 110 MHz.

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

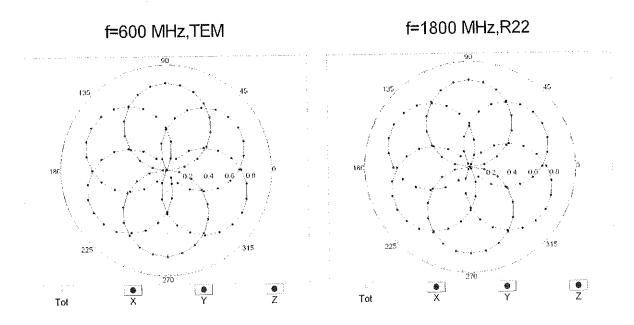
F At frequencies below 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) is restricted to  $\pm$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

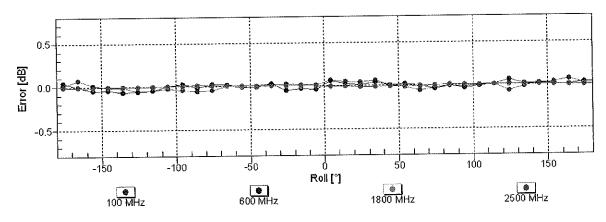
# Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

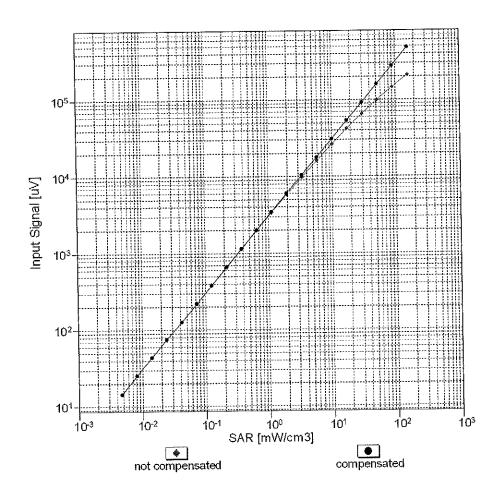
# Receiving Pattern ( $\phi$ ), $\theta = 0^{\circ}$

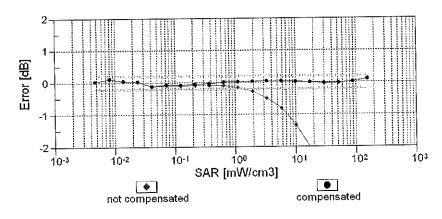




Uncertainty of Axial Isotropy Assessment:  $\pm 0.5\%$  (k=2)

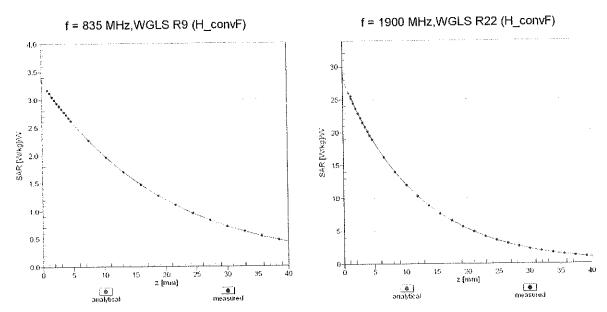
### Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



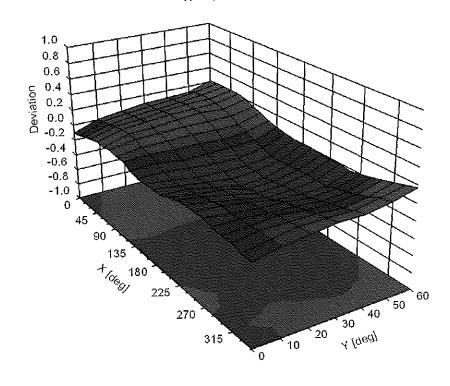


Uncertainty of Linearity Assessment: ± 0.6% (k=2)

### **Conversion Factor Assessment**



Deviation from Isotropy in Liquid Error ( $\phi$ ,  $\vartheta$ ), f = 900 MHz



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### Appendix: Modulation Calibration Parameters

UID	Rev	Communication System Name	Group	PAR (dB)	Unc [±] (k=2)
0		CW	CW	0.00	± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10011	CAB	UMTS-FDD (WCDMA)	WCDMA	2.91	± 9.6 %
10012	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)	WLAN	1.87	± 9.6 %
10013	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10021	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10024	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1)	GSM	6.56	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	12.62	± 9.6 %
10026	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	9.55	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10028	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)	GSM	3.55	± 9.6 %
10029	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2)	GSM	7.78	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10031	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3)	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	CAA	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 %
10037	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	±9.6 %
10038	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	±9.6%
10039	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
10042	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	±9.6%
	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
10048		DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	±9.6 %
10049	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	±9.6%
10056	CAA	EDGE-FDD (TD-3CDMA, 1.26 Mcps)	GSM	6.52	± 9.6 %
10058	DAC	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10059	CAB	IEEE 802.116 WIFI 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.83	± 9.6 %
10060	CAB		WLAN	3.60	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps) IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10062	CAC		WLAN	8.63	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	9.09	± 9.6 %
10064	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 12 Mbps)	WLAN	9.00	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.38	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	10.12	± 9.6 %
10067	CAC	IEEE 802.11a/h WIFI 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
10068	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
10069	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps)	WLAN	9.83	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)		9.62	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN WLAN	9.02	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	10.30	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)		10.30	± 9.6 %
10075	CAB	IEEE 802.11g WIFI 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN		
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 CDMA2000	11.00	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	±9.6%
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
10090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
10099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
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-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	10.01	± 9.6 %
1			LTE-FDD	5.80	± 9.6 %

			I TE EDD	0.40	1.0.6.9/
10109	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 % ± 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	
10112	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-FDD	6.59	± 9.6 % ± 9.6 %
10113	CAG	LTE-FDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10114	CAC	IEEE 802.11n (HT Greenfield, 13.5 Mbps, BPSK)	WLAN	8.10	
10115	CAC	IEEE 802.11n (HT Greenfield, 81 Mbps, 16-QAM)	WLAN	8.46	± 9.6 %
10116	CAC	IEEE 802.11n (HT Greenfield, 135 Mbps, 64-QAM)	WLAN	8.15	± 9.6 %
10117	CAC	IEEE 802.11n (HT Mixed, 13.5 Mbps, BPSK)	WLAN	8.07	± 9.6 %
10118	CAC	IEEE 802.11n (HT Mixed, 81 Mbps, 16-QAM)	WLAN	8.59	± 9.6 %
10119	CAC	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-FDD	6.35	± 9.6 %
10144	CAE	LTE-FDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-FDD	6.65	± 9.6 %
10145	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-FDD	5.76	± 9.6 %
10146	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.41	± 9.6 %
10147	CAF	LTE-FDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.72	± 9.6 %
10149	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
10150	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10151	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	10.05	± 9.6 %
10154	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-FDD	5.75	± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	±9.6%
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	±9.6%
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG		LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10182	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10182	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10183	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 %
10189	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10195	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, 64-6AM)	WLAN	8.10	± 9.6 %
10196		IEEE 802.11n (HT Mixed, 8.5 Mipps, BF3K)	WLAN	8.13	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.27	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.03	± 9.6 %
10219	CAC	IEEE OUZ.TIII (ET IMIXEU, 1.2 MIDPS, DEON)	11111	1 0,00	1 - 2.2 /0

			I VALL AND	8.13	± 9.6 %
10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.27	± 9.6 %
10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN	8.06	± 9.6 %
10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.48	± 9.6 %
10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.08	± 9.6 %
10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	5.97	± 9.6 %
10225	CAB	UMTS-FDD (HSPA+)	WCDMA		±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		± 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	
10230	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10231	CAD	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10232	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10233	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10235	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	±9.6%
10241	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	± 9.6 %
10242	CAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9,46	± 9.6 %
10243	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	± 9.6 %
10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	±9.6%
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD	9.91	±9.6 %
10247	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	± 9.6 %
10248	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10252		LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	± 9.6 %
10254	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	±9.6%
10255	CAF	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.96	±9.6 %
10256	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 10-Q/M)	LTE-TDD	10.08	±9.6%
10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)	LTE-TDD	9.34	± 9.6 %
10258	CAB	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	±9.6%
10259	CAD	LTE-TOD (SC-FDMA, 100% RB, 3 MHz, 10-QAM)	LTE-TDD	9.97	± 9.6 %
10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.24	± 9.6 %
10261	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)	LTE-TDD	9.83	± 9.6 %
10262	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	10.16	± 9.6 %
10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	9.23	± 9.6 %
10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.92	± 9.6 %
10265	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)	LTE-TDD	10.07	± 9.6 %
10266	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD	9.30	± 9.6 %
10267	CAG	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-TDD	10.06	± 9.6 %
10268	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)	LTE-TDD	10.08	± 9.6 %
10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)			
10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	± 9.6 %
10274	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)	WCDMA	3.96	± 9.6 % ± 9.6 %
10275	CAB	UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)	WCDMA		
10277	CAA	PHS (QPSK)	PHS	11.81	± 9.6 %
10278	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.5)	PHS	11.81	±9.6 %
10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	±9.6 %
10290	AAB	CDMA2000, RC1, SO55, Full Rate	CDMA2000	3.91	± 9.6 %
10291	AAB	CDMA2000, RC3, SO55, Full Rate	CDMA2000	3.46	± 9.6 %
10292	AAB	CDMA2000, RC3, SO32, Full Rate	CDMA2000	3.39	± 9.6 %
10293	AAB	CDMA2000, RC3, SO3, Full Rate	CDMA2000	3.50	± 9.6 %
10295	AAB	CDMA2000, RC1, SO3, 1/8th Rate 25 fr.	CDMA2000	12.49	± 9.6 %
10297	AAD	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-FDD	5.81	± 9.6 %
10298	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-FDD	5.72	± 9.6 % ± 9.6 %
10280		LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	

		TO THE STATE OF TH	LTE-FDD	6.60	± 9.6 %
10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	WIMAX	12.03	± 9.6 %
10301	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WIMAX	12.57	± 9.6 %
10302	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3CTRL)	WIMAX	12.52	± 9.6 %
10303	AAA	IEEE 802.16e WIMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	11.86	± 9.6 %
10304	AAA	IEEE 802.16e WIMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WIMAX	15.24	± 9.6 %
10305	AAA	IEEE 802.16e WIMAX (31:15, 10ms, 10MHz, 64QAM, PUSC)	\$	14.67	± 9.6 %
10306	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, 64QAM, PUSC)	WiMAX	····	± 9.6 %
10307	AAA	IEEE 802.16e WIMAX (29:18, 10ms, 10MHz, QPSK, PUSC)	WiMAX	14.49	
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WIMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM,AMC 2x3)	WIMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3	WIMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	iDEN 1:3	IDEN	10.51	± 9.6 %
10314	AAA	IDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc dc)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc dc)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10336	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10388	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10396			Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.37	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc dc)	WLAN	8.60	±9.6 %
10401	AAD	IEEE 802.1186 WIFI (40MIII), 04-QAM, 990 do)	WLAN	8,53	±9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc dc)	CDMA2000	3.76	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.77	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	5.22	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	LTE-TDD	7.82	± 9.6 %
10410	AAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub=2,3,4,7,8,9)		8.54	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	1.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc dc)	WLAN		± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	
10417	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Long)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc, Short)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN	8.47	± 9.6 %
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 15 Mbps, BPSK)	WLAN	8.41	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.45	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 150 Mbps, 64-QAM)	WLAN	8.41	± 9.6 %
10430	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
10432	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10432	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 %
10434	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10435	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %
10449		LTE-FDD (OFDMA, 13 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.48	± 9.6 %
10450	AAC	W-CDMA (BS Test Model 1, 64 DPCH, Clipping 44%)	WCDMA	7.59	± 9.6 %
10451	AAA		Test	10.00	± 9.6 %
10453	AAD	Validation (Square, 10ms, 1ms)	WLAN	8.63	± 9.6 %
10456	AAB	IEEE 802.11ac WiFi (160MHz, 64-QAM, 99pc dc)	WCDMA	6.62	± 9.6 %
10457	AAA	UMTS-FDD (DC-HSDPA)	CDMA2000	6.55	± 9.6 %
10458	AAA	CDMA2000 (1xEV-DO, Rev. B, 2 carriers)		8.25	±9.6 %
	AAA	CDMA2000 (1xEV-DO, Rev. B, 3 carriers)	CDMA2000		
10459		The state of the s	1 14/00/04/4		
10460	AAA	UMTS-FDD (WCDMA, AMR)	WCDMA	2.39	
		UMTS-FDD (WCDMA, AMR)  LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK, UL Sub)  LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD LTE-TDD	7.82 8.30	± 9.6 % ± 9.6 % ± 9.6 %

			LYC TOD	0.56	± 9.6 %
10463	AAB	LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TOD	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	
10466	AAC	LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	±9.6 % ±9.6 %
10467	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.82	
10468	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Sub)	LTE-TOD	8.32	± 9.6 %
10469	AAF	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.56	± 9.6 %
10470	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.82	± 9.6 %
10471	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10472	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10473	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Sub)	LTE-TOD	7.82	± 9.6 %
10474	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10475	AAE	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10477	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.32	± 9.6 %
10478	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Sub)	LTE-TDD	8.57	± 9.6 %
10479	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10480	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM, UL Sub)	LTE-TDD	8.18	± 9.6 %
10481	AAB	LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM, UL Sub)	LTE-TDD	8.45	± 9.6 %
10482	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Sub)	LTE-TDD	7.71	± 9.6 %
10483	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM, Sub)	LTE-TDD	8.39	± 9.6 %
10484	AAC	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM, UL Sub)	LTE-TDD	8.47	± 9.6 %
10485	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK, UL Sub)	LTE-TDD	7.59	±9.6 %
10486	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL Sub)	LTE-TDD	8.38	± 9.6 %
10487	AAF	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL Sub)	LTE-TDD	8.60	± 9.6 %
10488	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL Sub)	LTE-TDD	7.70	± 9.6 %
10489	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL Sub)	LTE-TDD	8.31	± 9.6 %
10490	AAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.54	± 9.6 %
10491	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.74	± 9.6 %
10492	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.41	± 9.6 %
10493	AAE	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	± 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-TDD	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-TDD	8.36	±9.6%
10508	AAF	LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM, UL Sub)	LTE-TDD	8.55	±9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK, UL Sub)	LTE-TDD	7.99	± 9.6 %
10509	AAE	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM, UL Sub)	LTE-TDD	8.49	± 9.6 %
10510	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 %
10512	AAF	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM, UL Sub)	LTE-TDD	8.42	± 9.6 %
10513	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 %
10515	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 99pc dc)	WLAN	1.57	± 9.6 %
10516	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 99pc dc)	WLAN	1.58	± 9.6 %
10517	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 99pc dc)	WLAN	8.23	± 9.6 %
10518	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 99pc dc)	WLAN	8.39	± 9.6 %
10519	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 55pc dc)	WLAN	8.12	± 9.6 %
	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 16 Mbps, 55pc dc)	WLAN	7.97	± 9.6 %
10521		IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 99pc dc)	WLAN	8.45	± 9.6 %
10522	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps, 99pc dc)	WLAN	8.08	± 9.6 %
10523	AAB	IEEE 802.11a/n WIFI 5 GHZ (OFDM, 48 Mbps, 99pc dc)	WLAN	8.27	± 9.6 %
10524	AAB		WLAN	8.36	± 9.6 %
10525	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
40500	^ -	1 IEEE 000 4466 MIEL MANALIZ NAMES 1000 001			
10526 10527	AAB AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 99pc dc)   IEEE 802.11ac WiFi (20MHz, MCS2, 99pc dc)	WLAN	8.21	± 9.6 %

			1 14/1 4 1	1 0 26	± 9.6 %
10528	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 99pc dc)	WLAN	8.36	
10529	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 99pc dc)	WLAN	8.36	± 9.6 %
10531	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 99pc dc)	WLAN	8.43	± 9.6 %
10532	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 99pc dc)	WLAN	8.29	± 9.6 %
10533	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 99pc dc)	WLAN	8.38	± 9.6 %
10534	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 99pc dc)	WLAN	8.45	± 9.6 %
10535	AAB	IEEE 802.11ac WiFi (40MHz, MCS1, 99pc dc)	WLAN	8.45	± 9.6 %
10536	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 99pc dc)	WLAN	8.32	± 9.6 %
10537	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 99pc dc)	WLAN	8.44	± 9.6 %
10538	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 99pc dc)	WLAN	8.54	± 9.6 %_
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99pc dc)	WLAN	8.39	± 9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc dc)	WLAN	8.46	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc dc)	WLAN	8.65	± 9.6 %
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc dc)	WLAN	8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc dc)	WLAN	8.47	± 9.6 %
		IEEE 802.11ac WiFi (80MHz, MCS1, 99pc dc)	WLAN	8.55	± 9.6 %
10545	AAB		WLAN	8.35	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc dc)	WLAN	8.49	± 9.6 %
10547	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc dc)	WLAN	8.37	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 99pc dc)	WLAN	8.38	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc dc)	WLAN	8.50	± 9.6 %
10551	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc dc)			± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc dc)	WLAN	8.42	
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 99pc dc)	WLAN	8.45	± 9.6 %
10554	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc dc)	WLAN	8.48	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 99pc dc)	WLAN	8.47	± 9.6 %
10556	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 99pc dc)	WLAN	8.50	±9.6%
10557	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 99pc dc)	WLAN	8.52	±9.6%
10558	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 99pc dc)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc dc)	WLAN	8.73	± 9.6 %
10561	AAC	IEEE 802.11ac WiFi (160MHz, MCS7, 99pc dc)	WLAN	8.56	± 9.6 %
10562	AAC	IEEE 802.11ac WiFi (160MHz, MCS8, 99pc dc)	WLAN	8.69	± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc dc)	WLAN	8.77	± 9.6 %
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 %
		IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc dc)	WLAN	8.00	±9.6%
10567	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc dc)	WLAN	8.37	±9.6 %
10568	AAA	IEEE 802.11g WIFI 2.4 GHz (DSSS-OFDM, 30 Mbps, 99pc dc)	WLAN	8.10	± 9.6 %
10569	AAA	1EEE 802.11g WIFI 2.4 GHz (DSSS-OFDIVI, 46 Wibps, 99pc dc)	WLAN	8.30	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc dc)	WLAN	1.99	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc dc)	WLAN	1.99	± 9.6 %
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc dc)	WLAN	1.98	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc dc)			±9.6 %
10574	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps, 90pc dc)	WLAN	1.98	
10575	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10581	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc dc)	WLAN	8.67	± 9.6 %
10583	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc dc)	WLAN	8.59	± 9.6 %
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc dc)	WLAN	8.60	±9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc dc)	WLAN	8.70	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc dc)	WLAN	8.49	± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 76 Mbps, 90pc dc)	WLAN	8.36	± 9.6 %
		IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.76	± 9.6 %
10588	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps, 90pc dc)	WLAN	8.35	± 9.6 %
10589	AAB		WLAN	8.67	± 9.6 %
10590	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 54 Mbps, 90pc dc)	WLAN	8.63	± 9.6 %
10591	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS0, 90pc dc)			
	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS1, 90pc dc)	WLAN	8.79	± 9.6 % ± 9.6 %
10592					LI IN V/-
10593	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)	WLAN	8.64	
		IEEE 802.11n (HT Mixed, 20MHz, MCS2, 90pc dc)   IEEE 802.11n (HT Mixed, 20MHz, MCS3, 90pc dc)   IEEE 802.11n (HT Mixed, 20MHz, MCS4, 90pc dc)	WLAN WLAN	8.74 8.74	± 9.6 % ± 9.6 %

			LAG ANI	8.71	±9.6 %
10596	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS5, 90pc dc)	WLAN	8.72	± 9.6 %
10597	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS6, 90pc dc)	WLAN		± 9.6 %
10598	AAB	IEEE 802.11n (HT Mixed, 20MHz, MCS7, 90pc dc)	WLAN	8.50	
10599	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS0, 90pc dc)	WLAN	8.79	± 9.6 %
10600	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS1, 90pc dc)	WLAN	8.88	± 9.6 %
10601	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS2, 90pc dc)	WLAN	8.82	± 9.6 %
10602	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS3, 90pc dc)	WLAN	8.94	± 9.6 %
10603	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS4, 90pc dc)	WLAN	9.03	± 9.6 %
10604	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS5, 90pc dc)	WLAN	8.76	± 9.6 %
10605	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS6, 90pc dc)	WLAN	8.97	± 9.6 %
10606	AAB	IEEE 802.11n (HT Mixed, 40MHz, MCS7, 90pc dc)	WLAN	8.82	± 9.6 %
10607	AAB	IEEE 802.11ac WiFi (20MHz, MCS0, 90pc dc)	WLAN	8.64	± 9.6 %
10608	AAB	IEEE 802.11ac WiFi (20MHz, MCS1, 90pc dc)	WLAN	8.77	± 9.6 %
10609	AAB	IEEE 802.11ac WiFi (20MHz, MCS2, 90pc dc)	WLAN	8.57	± 9.6 %
10610	AAB	IEEE 802.11ac WiFi (20MHz, MCS3, 90pc dc)	WLAN	8.78	± 9.6 %
10611	AAB	IEEE 802.11ac WiFi (20MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10612	AAB	IEEE 802.11ac WiFi (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10613	AAB	IEEE 802.11ac WiFi (20MHz, MCS6, 90pc dc)	WLAN	8.94	± 9.6 %
10614	AAB	IEEE 802.11ac WiFi (20MHz, MCS7, 90pc dc)	WLAN	8.59	± 9.6 %
10615	AAB	IEEE 802.11ac WiFi (20MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiFi (40MHz, MCS0, 90pc dc)	WLAN	8.82	± 9.6 %
10616	AAB	IEEE 802.11ac WiF1 (40MHz, MCS1, 90pc dc)	WLAN	8.81	± 9.6 %
	AAB	IEEE 802.11ac WiFi (40MHz, MCS2, 90pc dc)	WLAN	8.58	± 9.6 %
10618		IEEE 802.11ac WiFi (40MHz, MCS3, 90pc dc)	WLAN	8.86	± 9.6 %
10619	AAB	IEEE 802.11ac WiFi (40MHz, MCS3, 30pc dc)	WLAN	8.87	± 9.6 %
10620	AAB	IEEE 802.11ac WiFi (40MHz, MCS4, 30pc dc)	WLAN	8.77	± 9.6 %
10621	AAB		WLAN	8.68	±9.6 %
10622	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 90pc dc)	WLAN	8.82	± 9.6 %
10623	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 90pc dc)	WLAN	8.96	± 9.6 %
10624	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 90pc dc)	WLAN	8.96	± 9.6 %
10625	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 90pc dc)	WLAN	8.83	± 9.6 %
10626	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 90pc dc)			± 9.6 %
10627	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 90pc dc)	WLAN	8.88	
10628	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 90pc dc)	WLAN	8.71	± 9.6 %
10629	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 90pc dc)	WLAN	8.85	± 9.6 %
10630	AAB	IEEE 802.11ac WiFi (80MHz, MCS4, 90pc dc)	WLAN	8.72	± 9.6 %
10631	AAB	IEEE 802.11ac WiFi (80MHz, MCS5, 90pc dc)	WLAN	8.81	± 9.6 %
10632	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10633	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 90pc dc)	WLAN	8.83	± 9.6 %
10634	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 90pc dc)	WLAN	8.80	±9.6%
10635	AAB	IEEE 802.11ac WiFi (80MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10636	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 90pc dc)	WLAN	8.83	±9.6 %
10637	AAC	IEEE 802.11ac WiFi (160MHz, MCS1, 90pc dc)	WLAN	8.79	±9.6 %
10638	AAC	IEEE 802.11ac WiFi (160MHz, MCS2, 90pc dc)	WLAN	8.86	± 9.6 %
10639	AAC	IEEE 802.11ac WiFi (160MHz, MCS3, 90pc dc)	WLAN	8.85	±9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS4, 90pc dc)	WLAN	8.98	± 9.6 %
10640	AAC	IEEE 802.11ac WiFi (160MHz, MCS5, 90pc dc)	WLAN	9.06	±9.6 %
10641	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 90pc dc)	WLAN	9.06	± 9.6 %
	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 36pc dc)	WLAN	8.89	± 9.6 %
10643	AAC	IEEE 802,11ac WiFi (160MHz, MCS8, 90pc dc)	WLAN	9.05	± 9.6 %
10644		IEEE 802.11ac WiFi (160MHz, MCS9, 90pc dc)	WLAN	9.11	± 9.6 %
10645	AAC	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Sub=2,7)	LTE-TDD	11.96	± 9.6 %
10646	AAG	LTE TOD (OC COMA 4 DD 20 MHz ODSY LII Sub-2.7)	LTE-TDD	11.96	± 9.6 %
10647	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Sub=2,7)	CDMA2000	3.45	± 9.6 %
10648	AAA	CDMA2000 (1x Advanced)	LTE-TDD	6.91	± 9.6 %
10652	AAE	LTE-TDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.42	± 9.6 %
10653	AAE	LTE-TDD (OFDMA, 10 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	6.96	± 9.6 %
10654	AAD	LTE-TDD (OFDMA, 15 MHz, E-TM 3.1, Clipping 44%)			± 9.6 %
10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)	LTE-TDD	7.21	
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 %
	AAA	Pulse Waveform (200Hz, 60%)	Test	2.22	± 9.6 %
10661	1,000				4.6.9/
10661 10662	AAA	Pulse Waveform (200Hz, 80%)	Test	0.97	± 9.6 %
		Pulse Waveform (200Hz, 80%) Bluetooth Low Energy IEEE 802.11ax (20MHz, MCS0, 90pc dc)	Bluetooth WLAN	2.19 9.09	± 9.6 % ± 9.6 %

				0.57	1069/
10672	AAA	IEEE 802.11ax (20MHz, MCS1, 90pc dc)	WLAN	8.57	± 9.6 %
10673	AAA	IEEE 802.11ax (20MHz, MCS2, 90pc dc)	WLAN	8.78	±9.6 %
10674	AAA	IEEE 802.11ax (20MHz, MCS3, 90pc dc)	WLAN	8.74	± 9.6 %
10675	AAA	IEEE 802.11ax (20MHz, MCS4, 90pc dc)	WLAN	8.90	± 9.6 %
10676	AAA	IEEE 802.11ax (20MHz, MCS5, 90pc dc)	WLAN	8.77	± 9.6 %
10677	AAA	IEEE 802.11ax (20MHz, MCS6, 90pc dc)	WLAN	8.73	± 9.6 %
10678	AAA	IEEE 802.11ax (20MHz, MCS7, 90pc dc)	WLAN	8.78	± 9.6 %
10679	AAA	IEEE 802.11ax (20MHz, MCS8, 90pc dc)	WLAN	8.89	± 9.6 %
10680	AAA	IEEE 802.11ax (20MHz, MCS9, 90pc dc)	WLAN	8.80	± 9.6 %
10681	AAA	IEEE 802.11ax (20MHz, MCS10, 90pc dc)	WLAN	8.62	± 9.6 %
10682	AAA	IEEE 802.11ax (20MHz, MCS11, 90pc dc)	WLAN	8.83	± 9.6 %
10683	AAA	IEEE 802.11ax (20MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
		IEEE 802.11ax (20MHz, MCS1, 99pc dc)	WLAN	8.26	± 9.6 %
10684	AAA	IEEE 802.11ax (20MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10685	AAA	IEEE 002.1 Tax (20MHz, MCC2, 99pc dc)	WLAN	8.28	± 9.6 %
10686	AAA	IEEE 802.11ax (20MHz, MCS3, 99pc dc)	WLAN	8.45	± 9.6 %
10687	AAA	IEEE 802.11ax (20MHz, MCS4, 99pc dc)	WLAN	8.29	± 9.6 %
10688	AAA	IEEE 802.11ax (20MHz, MCS5, 99pc dc)	WLAN	8.55	± 9.6 %
10689	AAA	IEEE 802.11ax (20MHz, MCS6, 99pc dc)	WLAN	8.29	± 9.6 %
10690	AAA	IEEE 802.11ax (20MHz, MCS7, 99pc dc)		8.25	± 9.6 %
10691	AAA	IEEE 802.11ax (20MHz, MCS8, 99pc dc)	WLAN		± 9.6 %
10692	AAA	IEEE 802.11ax (20MHz, MCS9, 99pc dc)	WLAN	8.29	
10693	AAA	IEEE 802.11ax (20MHz, MCS10, 99pc dc)	WLAN	8.25	±9.6 %
10694	AAA	IEEE 802.11ax (20MHz, MCS11, 99pc dc)	WLAN	8.57	±9.6 %
10695	AAA	IEEE 802.11ax (40MHz, MCS0, 90pc dc)	WLAN	8.78	± 9.6 %
10696	AAA	IEEE 802.11ax (40MHz, MCS1, 90pc dc)	WLAN	8.91	±9.6 %
10697	AAA	IEEE 802.11ax (40MHz, MCS2, 90pc dc)	WLAN	8.61	± 9.6 %
10698	AAA	IEEE 802.11ax (40MHz, MCS3, 90pc dc)	WLAN	8.89	± 9.6 %
10699	AAA	IEEE 802.11ax (40MHz, MCS4, 90pc dc)	WLAN	8.82	± 9.6 %
10700	AAA	IEEE 802.11ax (40MHz, MCS5, 90pc dc)	WLAN	8.73	± 9.6 %
10701	AAA	IEEE 802.11ax (40MHz, MCS6, 90pc dc)	WLAN	8.86	± 9.6 %
10702	AAA	IEEE 802.11ax (40MHz, MCS7, 90pc dc)	WLAN	8.70	± 9.6 %
10703	AAA	IEEE 802.11ax (40MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10704	AAA	IEEE 802.11ax (40MHz, MCS9, 90pc dc)	WLAN	8.56	± 9.6 %
10705	AAA	IEEE 802.11ax (40MHz, MCS10, 90pc dc)	WLAN	8.69	± 9.6 %
10706	AAA	IEEE 802.11ax (40MHz, MCS11, 90pc dc)	WLAN	8.66	± 9.6 %
10707	AAA	IEEE 802.11ax (40MHz, MCS0, 99pc dc)	WLAN	8.32	± 9.6 %
10708	AAA	IEEE 802.11ax (40MHz, MCS1, 99pc dc)	WLAN	8.55	±9.6%
10709	AAA	IEEE 802.11ax (40MHz, MCS2, 99pc dc)	WLAN	8.33	± 9.6 %
10709	AAA	IEEE 802.11ax (40MHz, MCS3, 99pc dc)	WLAN	8.29	± 9.6 %
	AAA	IEEE 802.11ax (40MHz, MCS4, 99pc dc)	WLAN	8.39	± 9.6 %
10711	AAA	IEEE 802.11ax (40MHz, MCS5, 99pc dc)	WLAN	8.67	± 9.6 %
10712		IEEE 802.11ax (40MHz, MCS6, 99pc dc)	WLAN	8.33	± 9.6 %
10713	AAA		WLAN	8.26	± 9.6 %
10714	AAA	IEEE 802.11ax (40MHz, MCS7, 99pc dc)	WLAN	8.45	± 9.6 %
10715	AAA	IEEE 802.11ax (40MHz, MCS8, 99pc dc)	WLAN	8.30	± 9.6 %
10716	AAA	IEEE 802.11ax (40MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10717	AAA	IEEE 802.11ax (40MHz, MCS10, 99pc dc)	WLAN	8.24	± 9.6 %
10718	AAA	IEEE 802.11ax (40MHz, MCS11, 99pc dc)	WLAN	8.81	± 9.6 %
10719	AAA	IEEE 802.11ax (80MHz, MCS0, 90pc dc)			± 9.6 %
10720	AAA	IEEE 802.11ax (80MHz, MCS1, 90pc dc)	WLAN	8.87	±9.6 %
10721	AAA	IEEE 802.11ax (80MHz, MCS2, 90pc dc)	WLAN	8.76	_
10722	AAA	IEEE 802.11ax (80MHz, MCS3, 90pc dc)	WLAN	8.55	± 9.6 %
10723	AAA	IEEE 802.11ax (80MHz, MCS4, 90pc dc)	WLAN	8.70	± 9.6 %
10724	AAA	IEEE 802.11ax (80MHz, MCS5, 90pc dc)	WLAN	8.90	± 9.6 %
10725	AAA	IEEE 802.11ax (80MHz, MCS6, 90pc dc)	WLAN	8.74	± 9.6 %
10726	AAA	IEEE 802.11ax (80MHz, MCS7, 90pc dc)	WLAN	8.72	±9.6 %
10727	AAA	IEEE 802.11ax (80MHz, MCS8, 90pc dc)	WLAN	8.66	± 9.6 %
10728	AAA	IEEE 802.11ax (80MHz, MCS9, 90pc dc)	WLAN	8.65	± 9.6 %
10729	AAA	IEEE 802.11ax (80MHz, MCS10, 90pc dc)	WLAN	8.64	± 9.6 %
10730	AAA	IEEE 802.11ax (80MHz, MCS11, 90pc dc)	WLAN	8.67	± 9.6 %
10731	AAA	IEEE 802.11ax (80MHz, MCS0, 99pc dc)	WLAN	8.42	± 9.6 %
		IEEE 802.11ax (80MHz, MCS1, 99pc dc)	WLAN	8.46	± 9.6 %
	HAAA				
10732	AAA		WLAN	8.40	± 9.6 %
	AAA	IEEE 802.11ax (80MHz, MCS2, 99pc dc) IEEE 802.11ax (80MHz, MCS3, 99pc dc)	WLAN WLAN	8.40 8.25	± 9.6 % ± 9.6 %

			Lagi ANI	0.07	+06%
10736	AAA	IEEE 802.11ax (80MHz, MCS5, 99pc dc)	WLAN	8.27	± 9.6 %
10737	AAA	IEEE 802.11ax (80MHz, MCS6, 99pc dc)	WLAN	8.36	± 9.6 % ± 9.6 %
10738	AAA	IEEE 802.11ax (80MHz, MCS7, 99pc dc)	WLAN	8.42	
10739	AAA	IEEE 802,11ax (80MHz, MCS8, 99pc dc)	WLAN	8.29	± 9.6 %
10740	AAA	IEEE 802.11ax (80MHz, MCS9, 99pc dc)	WLAN	8.48	± 9.6 %
10741	AAA	IEEE 802.11ax (80MHz, MCS10, 99pc dc)	WLAN	8.40	± 9.6 %
10742	AAA	IEEE 802.11ax (80MHz, MCS11, 99pc dc)	WLAN	8.43	± 9.6 %
10743	AAA	IEEE 802.11ax (160MHz, MCS0, 90pc dc)	WLAN	8.94	± 9.6 %
10744	AAA	IEEE 802.11ax (160MHz, MCS1, 90pc dc)	WLAN	9.16	± 9.6 %
10745	AAA	IEEE 802.11ax (160MHz, MCS2, 90pc dc)	WLAN	8.93	± 9.6 %
10746	AAA	IEEE 802.11ax (160MHz, MCS3, 90pc dc)	WLAN	9.11	± 9.6 %
10747	AAA	IEEE 802.11ax (160MHz, MCS4, 90pc dc)	WLAN	9.04	± 9.6 %
10748	AAA	IEEE 802.11ax (160MHz, MCS5, 90pc dc)	WLAN	8.93	± 9.6 %
10749	AAA	IEEE 802.11ax (160MHz, MCS6, 90pc dc)	WLAN	8.90	± 9.6 %
10750	AAA	IEEE 802.11ax (160MHz, MCS7, 90pc dc)	WLAN	8.79	± 9.6 %
10751	AAA	IEEE 802.11ax (160MHz, MCS8, 90pc dc)	WLAN	8.82	± 9.6 %
10752	AAA	IEEE 802.11ax (160MHz, MCS9, 90pc dc)	WLAN	8.81	± 9.6 %
10753	AAA	IEEE 802.11ax (160MHz, MCS10, 90pc dc)	WLAN	9.00	± 9.6 %
10754	AAA	IEEE 802.11ax (160MHz, MCS11, 90pc dc)	WLAN	8.94	± 9.6 %
10755	AAA	IEEE 802.11ax (160MHz, MCS0, 99pc dc)	WLAN	8.64	± 9.6 %
10756	AAA	IEEE 802.11ax (160MHz, MCS1, 99pc dc)	WLAN	8.77	± 9.6 %
10757	AAA	IEEE 802.11ax (160MHz, MCS2, 99pc dc)	WLAN	8.77	± 9.6 %
10758	AAA	IEEE 802.11ax (160MHz, MCS3, 99pc dc)	WLAN	8.69	± 9.6 %
10759	AAA	IEEE 802.11ax (160MHz, MCS4, 99pc dc)	WLAN	8.58	±9.6%
10759	AAA	IEEE 802.11ax (160MHz, MCS5, 99pc dc)	WLAN	8.49	±9.6%
10760	AAA	IEEE 802.11ax (160MHz, MCS6, 99pc dc)	WLAN	8.58	± 9.6 %
	AAA	IEEE 802.11ax (160MHz, MCS7, 99pc dc)	WLAN	8.49	± 9.6 %
10762	AAA	IEEE 802.11ax (160MHz, MCS8, 99pc dc)	WLAN	8.53	± 9.6 %
10763	AAA	IEEE 802.11ax (160MHz, MCS9, 99pc dc)	WLAN	8.54	± 9.6 %
10764		IEEE 802.11ax (160MHz, MCS10, 99pc dc)	WLAN	8.54	± 9.6 %
10765	AAA	IEEE 802.11ax (160MHz, MCS11, 99pc dc)	WLAN	8.51	± 9.6 %
10766	AAA	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	7.99	± 9.6 %
10767	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.01	± 9.6 %
10768	AAC		5G NR FR1 TDD	8.01	± 9.6 %
10769	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10770	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	± 9.6 %
10771	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.23	± 9.6 %
10772	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.03	± 9.6 %
10773	AAC	5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.02	±9.6 %
10774	AAC	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10775	AAB	5G NR (CP-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)		8.30	± 9.6 %
10776	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD 5G NR FR1 TDD		± 9.6 %
10777	AAB	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)		8.30	
10778	AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10779	AAB	5G NR (CP-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.42	± 9.6 %
10780	AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	± 9.6 %
10781	AAC	5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.38	±9.6%
10782	AAC	5G NR (CP-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.43	± 9.6 %
10783	AAC	5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.31	± 9.6 %
10784	AAC	5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.29	± 9.6 %
10785	AAC	5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.40	± 9.6 %
10786	AAC	5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.35	± 9.6 %
10787	AAC	5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.44	±9.6 %
10788	AAC	5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	±9.6 %
10789	AAC	5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.37	± 9.6 %
10790	AAC	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 TDD	8.39	± 9.6 %
10791	AAC	5G NR (CP-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.83	± 9.6 %
10792	AAC	5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.92	± 9.6 %
10793	AAC	5G NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.95	± 9.6 %
	AAC	5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
			CO NO EDATOD	7 0 1	± 9.6 %
10794		5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.84	2 0.0 70
10794 10795	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz) 5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.82	± 9.6 %
10794 10795 10796	AAC AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)			
10794 10795	AAC		5G NR FR1 TDD	7.82	± 9.6 %

1880   AAC   GO NR (OF-CPEM, 198) SO MET: COPSK; 20 MH2   GO NR FRI TOD   7.87   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9.6 %   1.9			1	LEGALD EDITION	7.00	+069/
ACC   GO NR (CP-CPEM, 50% RB, 10 MHz, CPSK, 30 Hz)   SG NR FRY TDD   3.34   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %   9.8 %	10801	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	7.89	± 9.6 %
1888   AAC   SG INI (CP-CPEM, 196W, RB, 10 MHz, CPSK, 30 IHz)   SG INI FRI TIDD   8.34   ±9.6 %	10802	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 30 kHz)			
1,000.00	10803	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)			
1880   AAC   SO NR (CP-OFDM, 50% RB, 30 MHz, OPSK, 30 MHz)	10805	AAC	5G NR (CP-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)			
19890   AAC   SG NR (CP-OFDM, 590 KB, 30 MHz, OPSK, 30 kHz)   SG NR FRI TDD   8.34   \$4.96.5%		AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)			
10810   AAC   SG NR (CP-OFDM, 59% R8, 40 MHz, OPSK, 30 Htz)   SG NR FRI TDD   8.34   \$4.96 Mtz		AAC	5G NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)			
10812			5G NR (CP-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)		8.34	
10817			5G NR (CP-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		
10819			5G NR (CP-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.35	
10820			5G NR (CP-QEDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.34	± 9.6 %
10820   AAC   50 NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 30 KHz)   50 NR FR1 TDD   8.41   9.6 %   10822   AAC   50 NR (CP-OFDM, 100% RB, 35 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.41   9.6 %   10823   AAC   56 NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.41   9.6 %   10823   AAC   56 NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.41   9.6 %   10824   AAC   56 NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.43   9.6 %   10825   AAC   56 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.42   1.9 6 %   10825   AAC   56 NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.42   1.9 6 %   10828   AAC   56 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.42   1.9 6 %   10828   AAC   56 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.42   1.9 6 %   10828   AAC   56 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.42   1.9 6 %   10829   AAC   56 NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 KHz)   56 NR FR1 TDD   8.40   1.9 6 %   10829   AAC   56 NR (CP-OFDM, 178 Hz, 10 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.73   2.5 6 %   10830   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.73   2.5 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.73   2.5 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.73   2.5 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.75   2.5 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.76   2.9 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.76   2.9 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 50 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.76   2.9 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 60 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.76   2.9 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 60 MHz, QPSK, 60 KHz)   56 NR FR1 TDD   7.76   2.9 6 %   10833   AAC   56 NR (CP-OFDM, 178 Hz, 60 MHz, QP			5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	8.33	± 9.6 %
10822				5G NR FR1 TDD	8.30	± 9.6 %
10822   AAC   56 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 30 MHz)   56 NR FRI TDD   8,36   2,9.6 %				5G NR FR1 TDD	8.41	± 9.6 %
10823   AAC   5G NR (CP-OFDM, 109% RB, 50 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   8.39 ± 9.6 %   10825   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   8.39 ± 9.6 %   10825   AAC   5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   8.41 ± 9.6 %   10827   AAC   5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   8.42 ± 9.6 %   10829   AAC   5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   8.42 ± 9.6 %   10829   AAC   5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   7.63 ± 9.6 %   10829   AAC   5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 Hz)   5G NR FR1 TDD   7.63 ± 9.6 %   10831   AAC   5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.63 ± 9.6 %   10831   AAC   5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.74 ± 9.6 %   10832   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.74 ± 9.6 %   10833   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.74 ± 9.6 %   10834   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.75 ± 9.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.76 ± 9.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.70 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 Hz)   5G NR FR1 TDD   7.71 ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz			5G NR (CP-OFDM, 100% RB, 30 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.41	± 9.6 %
10824   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   8.41   29.6 %   10827   AAC   5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   8.41   29.6 %   10827   AAC   5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   8.42   29.6 %   10828   AAC   5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   8.40   29.6 %   10829   AAC   5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)   5G NR FR1 TDD   8.40   29.6 %   10830   AAC   5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.73   29.6 %   10830   AAC   5G NR (CP-OFDM, 1 RB, 16 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.73   29.6 %   10833   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.74   29.6 %   10833   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10833   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10835   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10836   AAC   5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10839   AAC   5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10839   AAC   5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10834   AAC   5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10834   AAC   5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.70   29.6 %   10834   AAC   5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.71   29.6 %   10834   AAC   5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)   5G NR FR1 TDD   7.71   29.6 %			5G NR (CP-OFDM, 100% RB, 40 MHz, OPSK, 30 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10825 AAC 5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.41 ± 9.6 % 10827 AAC 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 MHz) 5G NR FR1 TDD 8.42 ± 9.6 % 10828 AAC 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 8.42 ± 9.6 % 10829 AAC 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 8.40 ± 9.6 % 10829 AAC 5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 30 KHz) 5G NR FR1 TDD 7.63 ± 9.6 % 10830 AAC 5G NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 80 KHz) 5G NR FR1 TDD 7.63 ± 9.6 % 10832 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.74 ± 9.6 % 10832 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.74 ± 9.6 % 10833 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.74 ± 9.6 % 10833 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.75 ± 9.6 % 10833 AAC 5G NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.75 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10836 AAC 5G NR (CP-OFDM, 100% NR, 100 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.77 ± 9.9 % 10841 AAC 5G NR (CP-OFDM, 100% NR, 100 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 7.76 ± 9.6 % 10841 AAC 5G NR (CP-OFDM, 100% NR, 100 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 8.49 ± 9.6 % 10841 AAC 5G NR (CP-OFDM, 100% NR, 100 MHz, QPSK, 60 KHz) 5G NR FR1 TDD 8.4					8.39	± 9.6 %
10827   AAC   SG NR (CP-OFDM, 100% RB, 80 MHz, CPSK, 30 HHz)			50 NR (CP-OFDM, 100% RB, 50 MHz, CPSK, 30 KHz)		8.41	± 9.6 %
10828			50 NR (CP-OFDIVI, 100% RB, 60 MHz, QPSK 30 kHz)			
10829   AAC   56 NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)   56 NR FR1 TDD   7.63   ±9.6 %   10830   AAC   56 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.63   ±9.6 %   10831   AAC   56 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.73   ±9.6 %   10832   AAC   56 NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.74   ±9.6 %   10834   AAC   56 NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.70   ±9.6 %   10834   AAC   56 NR (CP-OFDM, 1 RB, 26 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.70   ±9.6 %   10835   AAC   56 NR (CP-OFDM, 1 RB, 26 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.75   ±9.6 %   10836   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.76   ±9.6 %   10837   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.76   ±9.6 %   10839   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.66   ±9.6 %   10839   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.70   ±9.6 %   10840   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.70   ±9.6 %   10840   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.70   ±9.6 %   10840   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.70   ±9.6 %   10840   AAC   56 NR (CP-OFDM, 50 KR, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.71   ±9.6 %   10844   AAC   56 NR (CP-OFDM, 50 KR, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.71   ±9.6 %   10844   AAC   56 NR (CP-OFDM, 50 KR, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.49   ±9.6 %   10844   AAC   56 NR (CP-OFDM, 50 KR, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   ±9.6 %   10844   AAC   56 NR (CP-OFDM, 50 KR, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   ±9.6 %   10846   AAC   56 NR (CP-OFDM, 50 KR, 80 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   ±9.6 %   10846   AAC   56 NR (CP-OFDM, 50 KR, 80 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   ±9.6 %   10856   AAC   56 NR (CP-OFDM, 50 KR, 80 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   ±9.6 %   10856			5G NR (CP-OPDIM, 100% RB, 60 MHz, QPSK, 30 KHz)			
10830 AAC 56 NR (CP-OFDM, 1 RB, 10 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,63 ±9.6 % 10831 AAC 56 NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,73 ±9.6 % 10832 AAC 56 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,74 ±9.6 % 10833 AAC 56 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,70 ±9.6 % 10834 AAC 56 NR (CP-OFDM, 1 RB, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,70 ±9.6 % 10835 AAC 56 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,70 ±9.6 % 10836 AAC 56 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,70 ±9.6 % 10836 AAC 56 NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,76 ±9.6 % 10836 AAC 56 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,76 ±9.6 % 10837 AAC 56 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,76 ±9.6 % 10839 AAC 56 NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,76 ±9.6 % 10839 AAC 56 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,70 ±9.6 % 10840 AAC 56 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,70 ±9.6 % 10841 AAC 56 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,71 ±9.6 % 10841 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,71 ±9.6 % 10843 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,71 ±9.6 % 10844 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 7,71 ±9.6 % 10844 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,49 ±9.6 % 10846 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,44 ±9.6 % 10846 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,44 ±9.6 % 10846 AAC 56 NR (CP-OFDM, 50 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,44 ±9.6 % 10846 AAC 56 NR (CP-OFDM, 100 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,44 ±9.6 % 10856 AAC 56 NR (CP-OFDM, 100 KR B, 20 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,41 ±9.6 % 10856 AAC 56 NR (CP-OFDM, 100 KR, 80 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,41 ±9.6 % 10856 AAC 56 NR (CP-OFDM, 100 KR, 80 MHz, QPSK, 60 KHz) 56 NR FR1 TDD 8,41 ±9.6 % 10856 AAC 56			56 NR (CP-OFDM, 100% RB, 90 MHz, QPSN, 50 MHz)			
10831   AAC   SG NR (CP-OFDM, 1 RB, 15 MHz, QPSK, 60 MHz)   SG NR FR1 TDD   7.73   ±9.6 %						<u> </u>
10832						
10833	10831					
10834   AAC   56 NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.75   4.9.6 %   10835   AAC   56 NR (CP-OFDM, 1 RB, 40 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.66   4.9.6 %   10836   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.68   4.9.6 %   10837   AAC   56 NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.68   4.9.6 %   10839   AAC   56 NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.68   4.9.6 %   10839   AAC   56 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.67   4.9.6 %   10841   AAC   56 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.67   4.9.6 %   10841   AAC   56 NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.67   4.9.6 %   10844   AAC   56 NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   7.71   4.9.6 %   10844   AAC   56 NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   4.9.6 %   10844   AAC   56 NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   4.9.6 %   10846   AAC   56 NR (CP-OFDM, 50% RB, 30 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   4.9.6 %   10846   AAC   56 NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   4.9.6 %   10854   AAC   56 NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.34   4.9.6 %   10855   AAC   56 NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.36   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.36   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.36   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.37   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.36   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.36   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)   56 NR FR1 TDD   8.37   4.9.6 %   10856   AAC   56 NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60						
10835	10833	AAC	5G NR (CP-OFDM, 1 RB, 25 MHz, QPSK, 60 kHz)			
10836   AAC   5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   7.66   ± 9.6 %   10837   AAC   5G NR (CP-OFDM, 1 RB, 60 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   7.68   ± 9.6 %   10839   AAC   5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   7.70   ± 9.6 %   10840   AAC   5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   7.77   ± 9.6 %   10841   AAC   5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   7.77   ± 9.6 %   10841   AAC   5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.49   ± 9.6 %   10844   AAC   5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.49   ± 9.6 %   10844   AAC   5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.44   ± 9.6 %   10846   AAC   5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.41   ± 9.6 %   10846   AAC   5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.34   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.34   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 15 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.36   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.36   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 20 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.36   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.36   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 25 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.36   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.34   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.34   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.34   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 KHz)   5G NR FR1 TDD   8.34   ± 9.6 %   10856   AAC   5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 50 KHz)   5G NR FR1 TDD   5.6 M FR1 TDD   5.6 M FR1 TDD   5.6 M FR1 TDD   5.6 M FR1 TDD	10834	AAC	5G NR (CP-OFDM, 1 RB, 30 MHz, QPSK, 60 kHz)			
10837	10835	AAC				
10839	10836	AAC				
10840	10837	AAC				
10841	10839	AAC	5G NR (CP-OFDM, 1 RB, 80 MHz, QPSK, 60 kHz)			
10841	10840	AAC	5G NR (CP-OFDM, 1 RB, 90 MHz, QPSK, 60 kHz)			
10843	10841	AAC	5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 60 kHz)			
10844	10843	AAC	5G NR (CP-OFDM, 50% RB, 15 MHz, QPSK, 60 kHz)			
10846		AAC	5G NR (CP-OFDM, 50% RB, 20 MHz, QPSK, 60 kHz)		8.34	± 9.6 %
10854				5G NR FR1 TDD	8.41	
10855			5G NR (CP-OFDM, 100% RB, 10 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.34	
10856				5G NR FR1 TDD	8.36	± 9.6 %
10857				5G NR FR1 TDD	8.37	± 9.6 %
10858				5G NR FR1 TDD	8.35	± 9.6 %
10859         AAC         5G NR (CP-OFDM, 100% RB, 40 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.34         ± 9.6 9           10860         AAC         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 9           10861         AAC         5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.40         ± 9.6 9           10863         AAC         5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 9           10864         AAC         5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 9           10865         AAC         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         8.41         ± 9.6 9           10866         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 9           10868         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 9           10870         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR2 TDD         5.75         ± 9.6 9           10871         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6			5G NR (CP-OEDM, 100% RB, 30 MHz, QPSK, 60 kHz)	5G NR FR1 TDD	8.36	± 9.6 %
10860         AAC         5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 %           10861         AAC         5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.40         ± 9.6 %           10863         AAC         5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 %           10864         AAC         5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.37         ± 9.6 %           10865         AAC         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         8.41         ± 9.6 %           10866         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 %           10868         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.89         ± 9.6 %           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 %           10871         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 %           10873         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         5.75				5G NR FR1 TDD	8.34	± 9.6 %
10861         AAC         5G NR (CP-OFDM, 100% RB, 60 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.40         ± 9.6 %           10863         AAC         5G NR (CP-OFDM, 100% RB, 80 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 %           10864         AAC         5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.37         ± 9.6 %           10865         AAC         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 %           10866         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 %           10868         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.89         ± 9.6 %           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 %           10871         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 %           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 %           10873         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.62				5G NR FR1 TDD	8.41	± 9.6 %
10861         AAC         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 °           10864         AAC         5G NR (CP-OFDM, 100% RB, 30 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.37         ± 9.6 °           10865         AAC         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 °           10866         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 °           10868         AAC         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, 100% 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         5.75         ± 9.6 °           10871         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, GPAM, 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, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65 </td <td></td> <td></td> <td></td> <td></td> <td>8.40</td> <td>± 9.6 %</td>					8.40	± 9.6 %
10864         AAC         5G NR (CP-OFDM, 100% RB, 90 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.37         ± 9.6 °C           10865         AAC         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 °C           10866         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 °C           10868         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.89         ± 9.6 °C           10869         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10871         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         <			5G NR (OF OF DM, 100% RB, 80 MHz, OPSK 60 kHz)		8.41	± 9.6 %
10865         AAC         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 60 kHz)         5G NR FR1 TDD         8.41         ± 9.6 °C           10866         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 °C           10868         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.89         ± 9.6 °C           10869         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10871         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100 MRB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD			SO NE (OF OF DIM, 100% PR ON MH+, OPSK AN kH+)			± 9.6 %
10866         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.68         ± 9.6 °C           10868         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.89         ± 9.6 °C           10869         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.86         ± 9.6 °C           10871         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10876         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, GPSK, 120 kHz)         5G NR FR2 TDD <td< td=""><td></td><td></td><td>30 NA (CD-OLDM 100% DB 100 MH2 ODEK 60 NH2)</td><td></td><td></td><td>±9.6 %</td></td<>			30 NA (CD-OLDM 100% DB 100 MH2 ODEK 60 NH2)			±9.6 %
10868         AAC         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 30 kHz)         5G NR FR1 TDD         5.89         ± 9.6 °C           10869         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.86         ± 9.6 °C           10871         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10876         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10877         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD			DO NO (DET a DEDM 4 DE 400 MU- ODER 20 MU-)			± 9.6 %
10869         AAC         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.86         ± 9.6 °C           10871         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.79         ± 9.6 °C           10877         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         7.95         ± 9.6 °C           10879         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD			30 NK (DET - OEDM 400% DB 400 MU- ODEK 30 KB-)			± 9.6 %
10870         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.86         ± 9.6 °C           10871         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ± 9.6 °C           10877         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         7.95         ± 9.6 °C           10878         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.41         ± 9.6 °C           10880         AAD         5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         5.75						
10871         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10872         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 °C           10873         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ± 9.6 °C           10877         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         7.95         ± 9.6 °C           10878         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         8.41         ± 9.6 °C           10879         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.12         ± 9.6 °C           10880         AAD         5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         5.75						± 9.6 %
10871         AAD         56 NR (DFT-s-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.52         ± 9.6 G           10873         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 G           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 G           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 G           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ± 9.6 G           10877         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         7.95         ± 9.6 G           10878         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         8.41         ± 9.6 G           10879         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.12         ± 9.6 G           10880         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.38         ± 9.6 G           10881         AAD         5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9			5G NR (DFT-S-OFDM, 100% RB, 100 MHZ, QFSK, 120 RHZ)			
10872         AAD         5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.61         ± 9.6 °C           10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ± 9.6 °C           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ± 9.6 °C           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ± 9.6 °C           10877         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         7.95         ± 9.6 °C           10878         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         8.41         ± 9.6 °C           10879         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.12         ± 9.6 °C           10880         AAD         5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.38         ± 9.6 °C           10881         AAD         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 °C           10882         AAD         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.57			5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 16QAM, 120 KHz)			
10874         AAD         5G NR (DFT-s-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         6.65         ±9.6 °           10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ±9.6 °           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ±9.6 °           10877         AAD         5G NR (CP-OFDM, 100% 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, 64QAM, 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, 1 RB, 50 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.96         ±9.6 °           10883         AAD         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.57         ±9.6						
10875         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         7.78         ±9.6 °           10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ±9.6 °           10877         AAD         5G NR (CP-OFDM, 100% 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, 64QAM, 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, 16QAM, 120 kHz)         5G NR FR2 TDD         5.96         ±9.6 °           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.			5G NR (DFT-s-OFDM, 1 RB, 100 MHz, 64QAM, 120 KHz)			
10876         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         8.39         ± 9.6 °           10877         AAD         5G NR (CP-OFDM, 100% 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, 64QAM, 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, 16QAM, 120 kHz)         5G NR FR2 TDD         5.96         ± 9.6 °           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 °						
10877         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         7.95         ± 9.6 stress           10878         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         8.41         ± 9.6 stress           10879         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.12         ± 9.6 stress           10880         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.38         ± 9.6 stress           10881         AAD         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)         5G NR FR2 TDD         5.75         ± 9.6 stress           10882         AAD         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         5.96         ± 9.6 stress           10883         AAD         5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.57         ± 9.6 stress           10884         AAD         5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)         5G NR FR2 TDD         6.53         ± 9.6 stress	10875					
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, 64QAM, 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         ± 9.6 °           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 °	10876	AAD				
10879         AAD         5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)         5G NR FR2 TDD         8.12         ±9.6           10880         AAD         5G NR (CP-OFDM, 100% RB, 100 MHz, 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         ±9.6           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	10877	AAD	5G NR (CP-OFDM, 1 RB, 100 MHz, 16QAM, 120 kHz)			± 9.6 %
10879       AAD       5G NR (CP-OFDM, 1 RB, 100 MHz, 64QAM, 120 kHz)       5G NR FR2 TDD       8.12       ± 9.6         10880       AAD       5G NR (CP-OFDM, 100% RB, 100 MHz, 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       ± 9.6         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	10878	AAD				± 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       ± 9.6         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		AAD				± 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       ± 9.6         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				5G NR FR2 TDD		± 9.6 %
10882       AAD       5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)       5G NR FR2 TDD       5.96       ± 9.6         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			5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)		5.75	± 9.6 %
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				5G NR FR2 TDD	5.96	± 9.6 %
10884 AAD 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz) 5G NR FR2 TDD 6.53 ±9.6			5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.57	± 9.6 %
10004 AND COUNTY OF SIM, CONTRACTOR CONTRACT	<u> </u>		5G NR (DET-s-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	6.53	± 9.6 %
- 1 10885   AAO   15G NR 10F E-S-OFDIVI, FRD. 30 WIEL 04QAW, IZU NEZI   1 00 RECEIVE 100   0.01   2 0.0	10885	AAD	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	6.61	± 9.6 %

10886			FO NB EBS TDD	6.65	± 9.6 %
	AAD	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD 5G NR FR2 TDD	6.65 7.78	± 9.6 %
10887	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.35	± 9.6 %
10888	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, QPSK, 120 kHz)	5G NR FR2 TDD	8.02	± 9.6 %
10889	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.40	± 9.6 %
10890	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 16QAM, 120 kHz)	5G NR FR2 TDD	8.13	± 9.6 %
10891	AAD	5G NR (CP-OFDM, 1 RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR2 TDD	8.41	± 9.6 %
10892	AAD	5G NR (CP-OFDM, 100% RB, 50 MHz, 64QAM, 120 kHz)	5G NR FR1 TDD	5.66	± 9.6 %
10897	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 30 kHz)		5.67	± 9.6 %
10898	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.67	± 9.6 %
10899	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5,68	± 9.6 %
10900	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 30 kHz)		5.68	± 9.6 %
10901	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10902	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD 5G NR FR1 TDD	5.68	± 9.6 %
10903	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 30 kHz)		5.68	± 9.6 %
10904	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	± 9.6 %
10905	AAA	5G NR (DFT-s-OFDM, 1 RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD		± 9.6 %
10906	AAA	5G NR (DFT-s-OFDM, 1 RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.68	
10907	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.78	± 9.6 %
10908	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10909	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.96	± 9.6 %
10910	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	± 9.6 %
10911	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.93	± 9.6 %
10912	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10913	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10914	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.85	± 9.6 %
10915	AAA	5G NR (DFT-s-OFDM, 50% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.83	±9.6%
10916	AAA	5G NR (DFT-s-OFDM, 50% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10917	AAA	5G NR (DFT-s-OFDM, 50% RB, 100 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	± 9.6 %
10918	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	±9.6%
10919	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.86	± 9.6 %
10920	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.87	± 9.6 %
10921	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	±9.6%
10922	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.82	± 9.6 %
10923	AAA	5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10924	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10925	AAA	5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.95	± 9.6 %
10926	AAA	5G NR (DFT-s-OFDM, 100% RB, 60 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.84	± 9.6 %
10927	AAA	5G NR (DFT-s-OFDM, 100% RB, 80 MHz, QPSK, 30 kHz)	5G NR FR1 TDD	5.94	±9.6%
10928	AAA	5G NR (DFT-s-OFDM, 1 RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10929	AAA	5G NR (DFT-s-OFDM, 1 RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10930	AAA	5G NR (DFT-s-OFDM, 1 RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.52	± 9.6 %
10931	AAA	5G NR (DFT-s-OFDM, 1 RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±9.6 %
10932	AAA	5G NR (DFT-s-OFDM, 1 RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10933	AAA	5G NR (DFT-s-OFDM, 1 RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10934	AAA	5G NR (DFT-s-OFDM, 1 RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	±96%
10935	AAA	5G NR (DFT-s-OFDM, 1 RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.51	± 9.6 %
10936	AAA	5G NR (DFT-s-OFDM, 50% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	±9.6 %
10937	AAA	5G NR (DFT-s-OFDM, 50% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.77	± 9.6 %
10938	AAA	5G NR (DFT-s-OFDM, 50% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.90	± 9.6 %
10939	AAA	5G NR (DFT-s-OFDM, 50% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.82	± 9.6 %
10940	AAA	5G NR (DFT-s-OFDM, 50% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.89	± 9.6 %
10941	AAA	5G NR (DFT-s-OFDM, 50% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
10942	AAA	5G NR (DFT-s-OFDM, 50% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10943	AAA	5G NR (DFT-s-OFDM, 50% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.95	± 9.6 %
10944	AAA	5G NR (DFT-s-OFDM, 100% RB, 5 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.81	± 9.6 %
10945	AAA	5G NR (DFT-s-OFDM, 100% RB, 10 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.85	± 9.6 %
10946	AAA	5G NR (DFT-s-OFDM, 100% RB, 15 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.83	± 9.6 %
	AAA	5G NR (DFT-s-OFDM, 100% RB, 20 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
10947	AAA	5G NR (DFT-s-OFDM, 100% RB, 25 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10947 10948		5G NR (DFT-s-OFDM, 100% RB, 30 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.87	± 9.6 %
	AAA			~	
10948	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.94	± 9.6 %
10948 10949		5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz) 5G NR (DFT-s-OFDM, 100% RB, 50 MHz, QPSK, 15 kHz)	5G NR FR1 FDD	5.92	± 9.6 %
10948 10949 10950	AAA	5G NR (DFT-s-OFDM, 100% RB, 40 MHz, QPSK, 15 kHz)			

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10954	TAAA	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 %
10957	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.61	± 9.6 %
10958	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 30 kHz)	5G NR FR1 FDD	8.33	±9.6 %
10959	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.32	± 9.6 %
10960	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.36	± 9.6 %
10961	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.40	± 9.6 %
10962	AAA	5G NR DL (CP-OFDM, TM 3.1, 20 MHz, 64-QAM, 15 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10963	AAA	5G NR DL (CP-OFDM, TM 3.1, 5 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.29	± 9.6 %
10965	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.37	± 9.6 %
	AAA	5G NR DL (CP-OFDM, TM 3.1, 15 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.55	± 9.6 %
10966	AAA	5G NR DL (CP-OFDM, TM 3.1, 10 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9.42	± 9.6 %
		5G NR DL (CP-OFDM, TM 3.1, 100 MHz, 64-QAM, 30 kHz)	5G NR FR1 TDD	9,49	± 9.6 %
10968	AAA	1 3G MA DE (OF -OI DM, HM 3.1, 100 MHZ, 07 GHM) 00 MIZ		l	<u> </u>

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

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





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

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Multilateral Agreement for the recognition of calibration certificates

Client PC Test

Certificate No: EX3-7421_Mar20

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### **CALIBRATION CERTIFICATE**

Object

EX3DV4 - SN:7421

Calibration procedure(s)

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

Calibration procedure for dosimetric E-field probes

Calibration date:

March 20, 2020

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.)	
Power meter NRP	SN: 104778		Scheduled Calibration
Power sensor NRP-Z91	SN: 103244	03-Apr-19 (No. 217-02892/02893)	Apr-20
Power sensor NRP-Z91		03-Apr-19 (No. 217-02892)	Apr-20
	SN: 103245	03-Apr-19 (No. 217-02893)	Apr-20
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-19 (No. 217-02894)	Apr-20
DAE4	SN: 660	27-Dec-19 (No. DAE4-660_Dec19)	Dec-20
Reference Probe ES3DV2	SN: 3013	31-Dec-19 (No. ES3-3013_Dec19)	Dec-20
		, , , , , , , , , , , , , , , , , , , ,	Dec-20
Secondary Standards	ID	Check Date (in house)	0-1-1-1-0
Power meter E4419B	SN: GB41293874		Scheduled Check
Power sensor E4412A	SN: MY41498087	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
Power sensor E4412A	SN: 000110210	06-Apr-16 (in house check Jun-18)	In house check: Jun-20
		06-Apr-16 (in house check Jun-18)	In house check: Jun-20
RF generator HP 8648C	SN: US3642U01700	04-Aug-99 (in house check Jun-18)	In house check: Jun-20
Network Analyzer E8358A	SN: US41080477	31-Mar-14 (in house check Oct-19)	In house check: Oct 20

Issued: March 21, 2020

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

#### Calibration Laboratory of

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





Schweizerischer Kalibrierdienst S

Service suisse d'étalonnage C

Servizio svizzero di taratura S Swiss Calibration Service

Accreditation No.: SCS 0108

Accredited by the Swiss Accreditation Service (SAS)

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

Glossary:

**TSL** NORMx,y,z

tissue simulating liquid sensitivity in free space

ConvF **DCP** 

sensitivity in TSL / NORMx,y,z diode compression point

CF A, B, C, D

crest factor (1/duty_cycle) of the RF signal modulation dependent linearization parameters

Polarization φ

φ rotation around probe axis

Polarization 8

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

i.e.,  $\vartheta = 0$  is normal to probe axis

Connector Angle

information used in DASY system to align probe sensor X to the robot coordinate system

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

- a) IEEE Std 1528-2013, "IEEE Recommended Practice for Determining the Peak Spatial-Averaged Specific Absorption Rate (SAR) in the Human Head from Wireless Communications Devices: Measurement Techniques", June 2013
- b) IEC 62209-1, ", "Measurement procedure for the assessment of Specific Absorption Rate (SAR) from handheld and body-mounted devices used next to the ear (frequency range of 300 MHz to 6 GHz)", July 2016
- IEC 62209-2, "Procedure to determine the Specific Absorption Rate (SAR) for wireless communication devices used in close proximity to the human body (frequency range of 30 MHz to 6 GHz)", March 2010
- d) 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  $\vartheta = 0$  (f  $\leq 900$  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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# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7421

**Basic Calibration Parameters** 

A1	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm (μV/(V/m) ² ) ^A DCP (mV) ^B	0.56	0.26	0.59	± 10.1 %
DCP (IIIV)	101.6	96.0	99.9	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dBõV	С	D	VR	Max	Max
			\ \ \	u D γμ v		dB	mV	dev.	Unc ^E
0	CW	1 x	0.00	0.00	1.00	0.00	450.0	1 0 0 0/	(k=2)
		Y	0.00	0.00	1.00	J 0.00	150.3	± 3.3 %	± 4.7 %
		Ż	0.00	0.00	1.00	-	150.0	_	
10352-	Pulse Waveform (200Hz, 10%)	T X	20.00	93.27	21.88	10.00	152.4	1	
AAA	,	Y	20.00	85.98	18.33	10.00	60.0 60.0	± 3.1 %	± 9.6 %
		Z	20.00	92.59	21.42	1	60.0	-	İ
10353-	Pulse Waveform (200Hz, 20%)	T X	20.00	96.18	22.26	6.99	80.0	1.20%	
AAA		Y	5.31	75.30	13.95	0.55	80.0	± 2.0 %	± 9.6 %
		Z	20.00	96.39	22.21		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	102.53	23.93	3.98	95.0	1400	
AAA		Y	0.87	62.74	7.23	0.00	95.0	± 1.2 %	± 9.6 %
		Z	20.00	103.55	24.19		95.0		į
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	112.87	27.24	2.22	120.0	1450/	1000
AAA	· ·	Y	0.35	60.00	3.98	2.22	120.0	± 1.5 %	± 9.6 %
		Z	20.00	113.65	27.29		120.0		
10387-	QPSK Waveform, 1 MHz	X	1.86	68.00	16,25	1.00	150.0	± 3.3 %	1000
AAA		Υ	1.55	65.43	14.36	1.00	150.0	± 3.3 %	± 9.6 %
		Z	1.78	67.58	15.85		150.0		
10388-	QPSK Waveform, 10 MHz	Х	2.55	70.38	17.05	0.00	150.0	± 1.0 %	± 9.6 %
AAA		Y	2.17	67.84	15.36	0.00	150.0	± 1.0 %	I 9.0 %
		Z	2.42	69.62	16.62		150.0		
10396-	64-QAM Waveform, 100 kHz	X	3.23	71.77	19.37	3.01	150.0	± 1.1 %	±069/
AAA		Y	3.22	71.52	19,47	0.01	150.0	I 1.1 %	± 9.6 %
		Z	3.21	72.03	19.45		150.0		
10399-	64-QAM Waveform, 40 MHz	Х	3.70	68.13	16.44	0.00	150.0	± 3.0 %	± 9.6 %
AAA		Y	3.48	66.97	15.73	1.00	150.0		
		Z	3.63	67.83	16.23	ŀ	150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	Х	4.85	65.56	15.63	0.00	150.0	± 5.1 %	± 9.6 %
AAA		Υ	4.94	65.64	15.72	1	150.0	± 0.1 /0	± 0.0 /6
	details on LIID parameters and An	Z	4.78	65.42	15.52	ļ-	150.0	ļ	

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%.

Numerical linearization parameter: uncertainty not required.

 $^{^{\}rm A}$  The uncertainties of Norm X,Y,Z do not affect the E $^{\rm 2}$ -field uncertainty inside TSL (see Pages 5 and 6).

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

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7421

### **Sensor Model Parameters**

48.9	207.04			ms.V⁻¹	ms	V-2	V-1	
10.0	367.64	36.11	14.49	0.19	5.10	0.84	0.40	4.04
52.8	426.98	40.94					0.40	1.01
46.0	345.26	35.90						1.01 1.01
				10.01	2.8 426.98 40.94 8.22 0.92	2.8 426.98 40.94 8.22 0.92 5.08	2.8 426.98 40.94 8.22 0.92 5.08 0.00	2.8

### Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	
Mechanical Surface Detection Mode	58.9
	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	<u> </u>
Tip Diameter	9 mm
Probe Tip to Sensor X Calibration Point	2.5 mm
	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

## DASY/EASY - Parameters of Probe: EX3DV4 - SN:7421

#### 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	9.48	9.48	9.48	0.66	0.80	± 12.0 %
835	41.5	0.90	9.24	9.24	9.24	0.54	0.86	± 12.0 %
1750	40.1	1.37	8.02	8.02	8.02	0.50	0.86	± 12.0 %
1900	40.0	1.40	7.73	7.73	7.73	0.40	0.86	± 12.0 %
2300	39.5	1.67	7.68	7.68	7.68	0.43	0.90	± 12.0 %
2450	39.2	1.80	7.47	7.47	7.47	0.43	0.90	± 12.0 %
2600	39.0	1.96	7.24	7.24	7.24	0.43	0.90	± 12.0 %
3500	37.9	2.91	7.07	7.07	7.07	0.30	1.35	± 13.1 %
3700	37.7	3.12	6.87	6.87	6.87	0.30	1.35	± 13.1 %

Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 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 ( $\epsilon$  and  $\sigma$ ) can be relaxed to  $\pm$  10% if liquid compensation formula is applied to measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) is restricted to  $\pm$  5%. The uncertainty is the RSS of  $\epsilon$  Alpha/Depth are determined division.

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

# DASY/EASY - Parameters of Probe: EX3DV4 - SN:7421

### Calibration Parameter Determined in Body 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	55.5	0.96	9.67	9.67	9.67	0.51	0.80	± 12.0 %
835	55.2	0.97	9.42	9.42	9.42	0.50	0.80	± 12.0 %
1750	53.4	1.49	7.92	7.92	7.92	0.43	0.86	± 12.0 %
1900	53.3	1.52	7.68	7.68	7.68	0.44	0.86	± 12.0 %
2300	52.9	1.81	7.63	7.63	7.63	0.48	0.95	± 12.0 %
2450	52.7	1.95	7.46	7.46	7.46	0.40	0.95	± 12.0 %
2600	52.5	2.16	7.25	7.25	7.25	0.40	0.95	± 12.0 %
3500	51.3	3.31	6.72	6.72	6.72	0.40	1,35	± 13.1 %
3700	51.0	3.55	6.57	6.57	6.57	0.45	1.40	± 13.1 %

^c Frequency validity above 300 MHz of  $\pm$  100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to  $\pm$  50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 10, 25, 40, 50 and 70 MHz for ConvF assessments at 30, 64, 128, 150 and 220 MHz respectively. Validity of ConvF assessed at 6 MHz is 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 (s and o) can be relaxed to ± 10% if liquid compensation formula is applied to

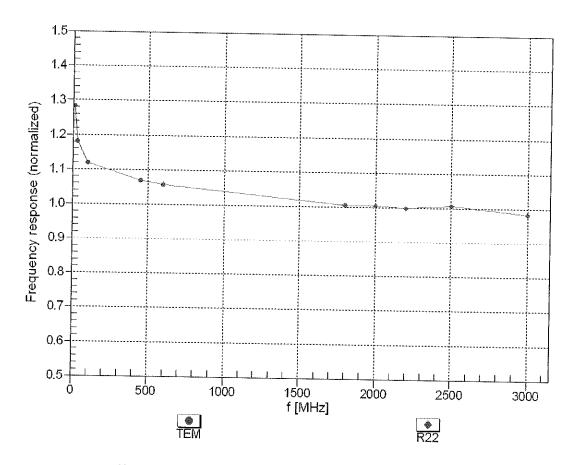
measured SAR values. At frequencies above 3 GHz, the validity of tissue parameters ( $\epsilon$  and  $\sigma$ ) is restricted to  $\pm$  5%. The uncertainty is the RSS of

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 diameter from the boundary.

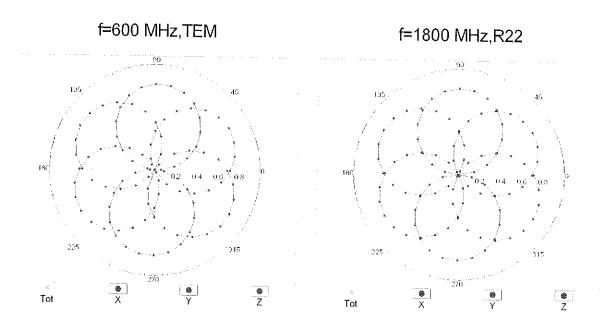
# Frequency Response of E-Field

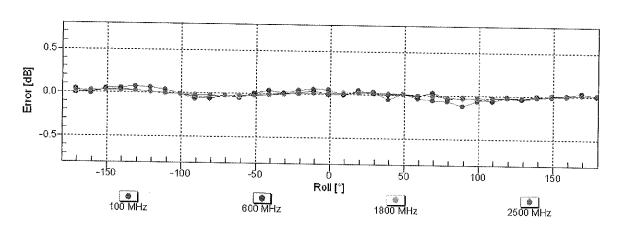
(TEM-Cell:ifi110 EXX, Waveguide: R22)



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

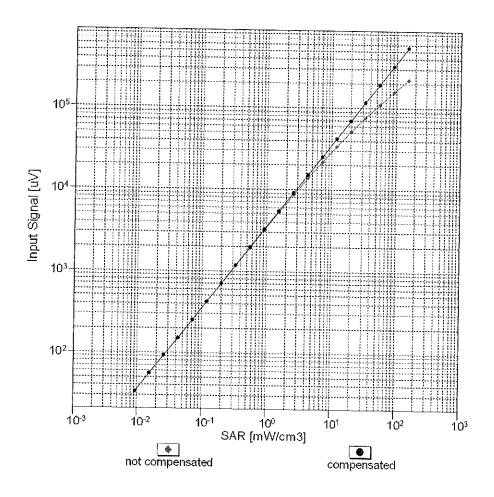
# Receiving Pattern ( $\phi$ ), $\vartheta = 0^{\circ}$

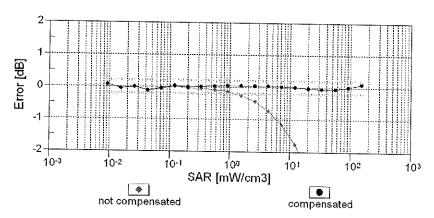




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

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





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