

In Collaboration with



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Client

Sporton

Certificate No:

Z18-60326

CALIBRATION CERTIFICATE

Object D2450V2 - SN: 736

Calibration Procedure(s)

FF-Z11-003-01

Calibration Procedures for dipole validation kits

Calibration date:

August 31, 2018

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(Calibrated by, Certificate No.)	Scheduled Calibration
Power Meter NRVD	102083	01-Nov-17 (CTTL, No.J17X08756)	Oct-18
Power sensor NRV-Z5	100542	01-Nov-17 (CTTL, No.J17X08756)	Oct-18
Reference Probe EX3DV4	SN 7464	12-Sep-17(SPEAG,No.EX3-7464_Sep17)	Sep-18
DAE4	SN 1524	13-Sep-17(SPEAG,No.DAE4-1524_Sep17)	Sep-18
Secondary Standards	ID#	Cal Date(Calibrated by, Certificate No.)	Scheduled Calibration
Signal Generator E4438C	MY49071430	23-Jan-18 (CTTL, No.J18X00560)	Jan-19
NetworkAnalyzer E5071C	MY46110673	24-Jan-18 (CTTL, No.J18X00561)	Jan-19

Name **Function** Calibrated by: Zhao Jing SAR Test Engineer Reviewed by: Lin Hao SAR Test Engineer Approved by: Qi Dianyuan SAR Project Leader

Issued: September 3, 2018

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Glossary:

TSL tissue simulating liquid

ConvF sensitivity in TSL / NORMx,y,z N/A not applicable or not measured

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 assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices- Part 1: Device used next to the ear (Frequency range of 300MHz to 6GHz)", July 2016
- c) IEC 62209-2, "Procedure to measure the Specific Absorption Rate (SAR) For wireless communication devices used in close proximity to the human body (frequency range of 30MHz to 6GHz)", March 2010
- d) KDB865664, SAR Measurement Requirements for 100 MHz to 6 GHz

Additional Documentation:

e) DASY4/5 System Handbook

Methods Applied and Interpretation of Parameters:

- Measurement Conditions: Further details are available from the Validation Report at the end
 of the certificate. All figures stated in the certificate are valid at the frequency indicated.
- Antenna Parameters with TSL: The dipole is mounted with the spacer to position its feed
 point exactly below the center marking of the flat phantom section, with the arms oriented
 parallel to the body axis.
- Feed Point Impedance and Return Loss: These parameters are measured with the dipole
 positioned under the liquid filled phantom. The impedance stated is transformed from the
 measurement at the SMA connector to the feed point. The Return Loss ensures low
 reflected power. No uncertainty required.
- Electrical Delay: One-way delay between the SMA connector and the antenna feed point.
 No uncertainty required.
- SAR measured: SAR measured at the stated antenna input power.
- SAR normalized: SAR as measured, normalized to an input power of 1 W at the antenna connector.
- SAR for nominal TSL parameters: The measured TSL parameters are used to calculate the nominal SAR result.

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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Measurement Conditions

DASY system configuration, as far as not given on page 1.

DASY Version	DASY52	52.10.1.1476
Extrapolation	Advanced Extrapolation	
Phantom	Triple Flat Phantom 5.1C	
Distance Dipole Center - TSL	10 mm	with Spacer
Zoom Scan Resolution	dx, dy, dz = 5 mm	
Frequency	2450 MHz ± 1 MHz	

Head TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Head TSL parameters	22.0 °C	39.2	1.80 mho/m
Measured Head TSL parameters	(22.0 ± 0.2) °C	38.8 ± 6 %	1.80 mho/m ± 6 %
Head TSL temperature change during test	<1.0 °C		

SAR result with Head TSL

SAR averaged over 1 cm ³ (1 g) of Head TSL	Condition	
SAR measured	250 mW input power	13.2 mW/g
SAR for nominal Head TSL parameters	normalized to 1W	52.7 mW /g ± 18.8 % (k=2)
SAR averaged over 10 cm ³ (10 g) of Head TSL	Condition	
SAR measured	250 mW input power	6.17 mW/g
SAR for nominal Head TSL parameters	normalized to 1W	24.6 mW /g ± 18.7 % (k=2)

Body TSL parameters

The following parameters and calculations were applied.

	Temperature	Permittivity	Conductivity
Nominal Body TSL parameters	22.0 °C	52.7	1.95 mho/m
Measured Body TSL parameters	(22.0 ± 0.2) °C	52.3 ± 6 %	1.98 mho/m ± 6 %
Body TSL temperature change during test	<1.0 °C		

SAR result with Body TSL

SAR averaged over 1 cm^3 (1 g) of Body TSL	Condition	
SAR measured	250 mW input power	13.0 mW/g
SAR for nominal Body TSL parameters	normalized to 1W	51.5 mW /g ± 18.8 % (k=2)
SAR averaged over 10 cm^3 (10 g) of Body TSL	Condition	
SAR measured	250 mW input power	6.14 mW / g
SAR for nominal Body TSL parameters	normalized to 1W	24.4 mW /g ± 18.7 % (k=2)

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Appendix (Additional assessments outside the scope of CNAS L0570)

Antenna Parameters with Head TSL

Impedance, transformed to feed point	53.9Ω+ 2.56jΩ	
Return Loss	- 26.9dB	

Antenna Parameters with Body TSL

Impedance, transformed to feed point	50.0Ω+ 4.22jΩ	
Return Loss	- 27.5dB	

General Antenna Parameters and Design

Electrical Delay (one direction)	1.022 ns

After long term use with 100W radiated power, only a slight warming of the dipole near the feedpoint can be measured.

The dipole is made of standard semirigid coaxial cable. The center conductor of the feeding line is directly connected to the second arm of the dipole. The antenna is therefore short-circuited for DC-signals. On some of the dipoles, small end caps are added to the dipole arms in order to improve matching when loaded according to the position as explained in the "Measurement Conditions" paragraph. The SAR data are not affected by this change. The overall dipole length is still according to the Standard. No excessive force must be applied to the dipole arms, because they might bend or the soldered connections near the feedpoint may be damaged.

Additional EUT Data

Manufactured by	SPEAG

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DASY5 Validation Report for Head TSL

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 736

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; $\sigma = 1.802$ S/m; $\varepsilon_r = 38.84$; $\rho = 1000$ kg/m³

Phantom section: Right Section

DASY5 Configuration:

 Probe: EX3DV4 - SN7464; ConvF(7.89, 7.89, 7.89) @ 2450 MHz; Calibrated: 9/12/2017

Date: 08.31.2018

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1524; Calibrated: 9/13/2017
- Phantom: MFP_V5.1C; Type: QD 000 P51CA; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 100.2 V/m; Power Drift = -0.03 dB

Peak SAR (extrapolated) = 27.6 W/kg

SAR(1 g) = 13.2 W/kg; SAR(10 g) = 6.17 W/kg

Maximum value of SAR (measured) = 22.2 W/kg



0 dB = 22.2 W/kg = 13.46 dBW/kg

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Impedance Measurement Plot for Head TSL





DASY5 Validation Report for Body TSL

Test Laboratory: CTTL, Beijing, China

DUT: Dipole 2450 MHz; Type: D2450V2; Serial: D2450V2 - SN: 736

Communication System: UID 0, CW; Frequency: 2450 MHz; Duty Cycle: 1:1

Medium parameters used: f = 2450 MHz; $\sigma = 1.982 \text{ S/m}$; $\varepsilon_r = 52.34$; $\rho = 1000 \text{ kg/m}3$

Phantom section: Center Section

DASY5 Configuration:

 Probe: EX3DV4 - SN7464; ConvF(8.09, 8.09, 8.09) @ 2450 MHz; Calibrated: 9/12/2017

Date: 08.30.2018

- Sensor-Surface: 1.4mm (Mechanical Surface Detection)
- Electronics: DAE4 Sn1524; Calibrated: 9/13/2017
- Phantom: MFP V5.1C; Type: QD 000 P51CA; Serial: 1062
- Measurement SW: DASY52, Version 52.10 (1); SEMCAD X Version 14.6.11 (7439)

Dipole Calibration/Zoom Scan (7x7x7) (7x7x7)/Cube 0: Measurement grid: dx=5mm,

dy=5mm, dz=5mm

Reference Value = 98.71 V/m; Power Drift = 0.01 dB

Peak SAR (extrapolated) = 26.0 W/kg

SAR(1 g) = 13 W/kg; SAR(10 g) = 6.14 W/kg

Maximum value of SAR (measured) = 21.3 W/kg



0 dB = 21.3 W/kg = 13.28 dBW/kg

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Impedance Measurement Plot for Body TSL



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Client:

Sporton

Certificate No: Z18-60552

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Tel: +86-10-62304633-2512

E-mail: cttl@chinattl.com

Object

DAE4 - SN: 1303

Calibration Procedure(s)

FF-Z11-002-01

Calibration Procedure for the Data Acquisition Electronics

(DAEx)

Calibration date:

January 03, 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(Calibrated by, Certificate No.)	Scheduled Calibration	
Process Calibrator 753	1971018	20-Jun-18 (CTTL, No.J18X05034)	June-19	

Name

Function

Calibrated by:

Yu Zongying

SAR Test Engineer

Reviewed by:

Lin Hao

SAR Test Engineer

Approved by:

Qi Dianyuan

SAR Project Leader

Issued: January 05, 2019

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E-mail: cttl@chinattl.com

Glossary:

DAE

data acquisition electronics

Connector angle

information used in DASY system to align probe sensor X

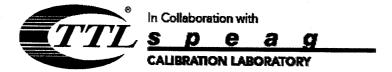
to the robot coordinate system.

Methods Applied and Interpretation of Parameters:

DC Voltage Measurement: Calibration Factor assessed for use in DASY system by comparison with a calibrated instrument traceable to national standards. The figure given corresponds to the full scale range of the voltmeter in the respective range.

- Connector angle: The angle of the connector is assessed measuring the angle mechanically by a tool inserted. Uncertainty is not required.
- The report provide only calibration results for DAE, it does not contain other performance test results.

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DC Voltage Measurement

A/D - Converter Resolution nominal

High Range:

1LSB =

 $6.1 \mu V$,

full range =

-100...+300 mV

Low Range: 1LSB = 61nV,

1nV , full range =

-1....+3mV

DASY measurement parameters: Auto Zero Time: 3 sec; Measuring time: 3 sec

Calibration Factors	X	Y	Z
High Range	405.579 ± 0.15% (k=2)	403.444 ± 0.15% (k=2)	404.887 ± 0.15% (k=2)
Low Range	3.96462 ± 0.7% (k=2)	3.99174 ± 0.7% (k=2)	4.01338 ± 0.7% (k=2)

Connector Angle

Connector Angle to be used in DASY system	37° ± 1 °

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





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

Client

Sporton

Certificate No: EX3-3958_Jan19

CALIBRATION GERTIFICATE

Object

EX3DV4 - SN:8958

Calibration procedure(s)

QA CAL-01:v9: QA CAL-12.v9; QA CAL-23.v5; QA CAL-25.v7

Calibration procedure for dosimetric E-field probes

Calibration date:

January 31, 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	04-Apr-18 (No. 217-02672/02673)	Apr-19
Power sensor NRP-Z91	SN: 103244	04-Apr-18 (No. 217-02672)	Apr-19
Power sensor NRP-Z91	SN: 103245	04-Apr-18 (No. 217-02673)	Apr-19
Reference 20 dB Attenuator	SN: S5277 (20x)	04-Apr-18 (No. 217-02682)	Apr-19
DAE4	SN: 660	19-Dec-18 (No. DAE4-660_Dec18)	Dec-19
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-18)	In house check: Oct-19

Name Function Signature

Laboratory Technician

Approved by: Katja Pokovic Technical Manager

Issued: February 2, 2019

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Calibration Laboratory of

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





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Swiss Calibration Service

Accreditation No.: SCS 0108

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Glossary:

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

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

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

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 θ = 0 (f ≤ 900 MHz in TEM-cell; f > 1800 MHz: R22 waveguide). NORMx,y,z are only intermediate values, i.e., the uncertainties of NORMx,y,z does not affect the 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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EX3DV4 - SN:3958

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3958

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.51	0.45	0.54	± 10.1 %
DCP (mV) ^B	95.5	102.6	93.3	

Calibration Results for Modulation Posnonso

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	139.4	± 3.3 %	± 4.7 %
		Y	0.00	0.00	1.00	1	135.8	1	/
		Z	0.00	0.00	1.00	1	144.0	1	
10352-	Pulse Waveform (200Hz, 10%)	Х	15.00	89.07	21.52	10.00	60.0	± 4.6 %	± 9.6 %
AAA		Y	15.00	88.93	20.83	1	60.0	1	- 0.0 ,0
		Z	15.00	89.25	21.77		60.0	1	
10353-	Pulse Waveform (200Hz, 20%)	X	15.00	90.87	21.09	6.99	80.0	± 3.0 %	± 9.6 %
AAA		Y	15.00	92.43	21.42	1	80.0	1 - 0.0 /0	0.0 /0
		Z	15.00	91.28	21.43	1	80.0	1	
10354-	Pulse Waveform (200Hz, 40%)	X	15.00	96.53	22.25	3.98	95.0	± 3.4 %	± 9.6 %
AAA		Υ	15.00	100.21	23.76	ĺ	95.0		
		Z	15.00	111.99	30.22	1	95.0	j	
10355-	Pulse Waveform (200Hz, 60%)	Х	15.00	211.96	73.90	2.22	120.0	± 3.8 %	± 9.6 %
AAA		Y	15.00	118.00	30.62	ĺ	120.0		
		Z	15.00	343.28	134.60]	120.0		
10387-	QPSK Waveform, 1 MHz	X	15.00	104.02	25.15	0.00	150.0	± 5.3 %	± 9.6 %
AAA		_ Y	0.85	65.24	10.44		150.0		
		Z	15.00	115.20	30.40		150.0		
10388-	QPSK Waveform, 10 MHz	X	11.02	98.75	28.70	0.00	150.0	± 4.7 %	± 9.6 %
AAA		Υ	2.78	73.14	18.57	3	150.0		
		Z	15.00	107.51	32.38		150.0		
10396-	64-QAM Waveform, 100 kHz	X	6.07	89.93	29.68	3.01	150.0	± 4.0 %	± 9.6 %
AAA		Υ	3.60	75.86	21.52		150.0		
		Z	15.00	112.10	37.89	_	150.0		
10399-	64-QAM Waveform, 40 MHz	X	4.40	72.46	19.33	0.00	150.0	± 5.2 %	± 9.6 %
AAA		Υ	3.65	68.59	16.79		150.0		
		Z	4.92	75.13	21.00		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	5.18	67.40	17.22	0.00	150.0	± 4.8 %	± 9.6 %
AAA		Υ	4.81	66.16	15.99		150.0		
	detelle en LUD	Z	5.33	68.20	17.97		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%.

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.

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:3958

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
Χ	47.3	369.42	39.40	17.45	1.08	5.10	0.00	0.44	1.02
Υ	38.9	284.39	34.61	12.80	0.47	5.09	1.42	0.18	1.01
Z	45.4	363.25	41.49	17.34	1.28	5.10	1.69	0.27	1.03

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	39.9
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

EX3DV4-SN:3958 January 31, 2019

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3958

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	10.56	10.56	10.56	0.65	0.91	± 12.0 %
835	41.5	0.90	10.32	10.32	10.32	0.36	1.30	± 12.0 %
900	41.5	0.97	10.05	10.05	10.05	0.32	1.36	± 12.0 %
1450	40.5	1.20	9.17	9.17	9.17	0.39	0.80	± 12.0 %
1640	40.2	1.31	8.98	8.98	8.98	0.37	0.80	± 12.0 %
1750	40.1	1.37	8.90	8.90	8.90	0.33	0.85	± 12.0 %
1810	40.0	1.40	8.50	8.50	8.50	0.34	0.88	± 12.0 %
1900	40.0	1.40	8.48	8.48	8.48	0.35	0.87	± 12.0 %
2000	40.0	1.40	8.19	8.19	8.19	0.33	0.88	± 12.0 %
2100	39.8	1.49	8.23	8.23	8.23	0.40	0.87	± 12.0 %
2300	39.5	1.67	8.04	8.04	8.04	0.44	0.88	± 12.0 %
2450	39.2	1.80	7.61	7.61	7.61	0.24	1.09	± 12.0 %
2600	39.0	1.96	7.36	7.36	7.36	0.41	0.90	± 12.0 %
3500	37.9	2.91	7.31	7.31	7.31	0.25	1.20	± 14.0 %
3700	37.7	3.12	6.99	6.99	6.99	0.25	1.20	± 14.0 %
3900	37.5	3.32	7.00	7.00	7.00	0.20	1.50	± 14.0 %
4600	36.7	4.04	6.60	6.60	6.60	0.20	1.70	± 14.0 %
5200	36.0	4.66	5.49	5.49	5.49	0.40	1.80	± 14.0 %
5300	35.9	4.76	5.36	5.36	5.36	0.40	1.80	± 14.0 %
5500	35.6	4.96	4.85	4.85	4.85	0.40	1.80	± 14.0 %
5600	35.5	5.07	4.62	4.62	4.62	0.40	1.80	± 14.0 %
5800	35.3	5.27	4.81	4.81	4.81	0.40	1.80	± 14.0 %

^C Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the 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.

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At frequencies up to 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. The uncertainty is the RSS of the Conv^c 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.

EX3DV4-SN:3958

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3958

Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) ^C	Relative Permittivity ^F	Conductivity (S/m) F	ConvF X	ConvF Y		Alpha ^G	Depth ^G	Unc
1 (191712)	remittivity	(5/111)	CONVEX	CONVE Y	ConvF Z	Aipna	(mm)	(k=2)
750	55.5	0.96	10.21	10.21	10.21	0.50	0.91	± 12.0 %
835	55.2	0.97	10.10	10.10	10.10	0.45	0.80	± 12.0 %
900	55.0	1.05	10.05	10.05	10.05	0.42	0.80	± 12.0 %
1450	54.0	1.30	8.52	8.52	8.52	0.27	0.80	± 12.0 %
1640	53.7	1.42	8.41	8.41	8.41	0.37	0.80	± 12.0 %
1750	53.4	1.49	8.36	8.36	8.36	0.37	0.82	± 12.0 %
1810	53.3	1.52	8.20	8.20	8.20	0.39	0.90	± 12.0 %
1900	53.3	1.52	8.01	8.01	8.01	0.22	1.16	± 12.0 %
2000	53.3	1.52	7.93	7.93	7.93	0.34	0.90	± 12.0 %
2100	53.2	1.62	8.03	8.03	8.03	0.40	0.87	± 12.0 %
2300	52.9	1.81	7.65	7.65	7.65	0.38	0.89	± 12.0 %
2450	52.7	1.95	7.51	7.51	7.51	0.37	0.90	± 12.0 %
2600	52.5	2.16	7.38	7.38	7.38	0.24	0.80	± 12.0 %
3500	51.3	3.31	6.83	6.83	6.83	0.28	1.25	± 14.0 %
3700	51.0	3.55	6.82	6.82	6.82	0.30	1.25	± 14.0 %
3900	51.2	3.78	6.84	6.84	6.84	0.20	1.50	± 14.0 %
4600	49.8	4.60	6.53	6.53	6.53	0.20	1.70	± 14.0 %
5200	49.0	5.30	4.72	4.72	4.72	0.50	1.90	± 14.0 %
5300	48.9	5.42	4.59	4.59	4.59	0.50	1.90	± 14.0 %
5500	48.6	5.65	4.09	4.09	4.09	0.50	1.90	± 14.0 %
5600	48.5	5.77	3.99	3.99	3.99	0.50	1.90	± 14.0 %
5800	48.2	6.00	4.16	4.16	4.16	0.50	1.90	± 14.0 %

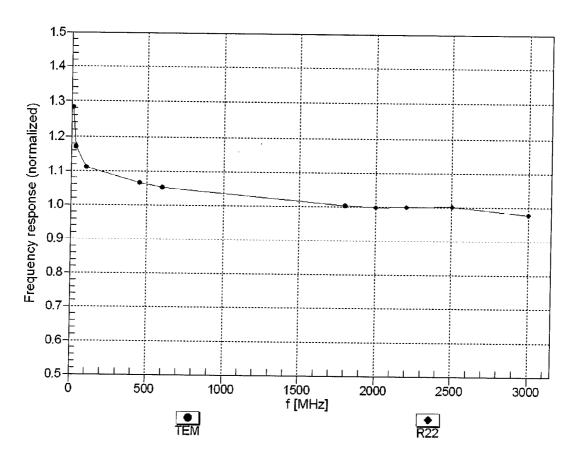
^c Frequency validity above 300 MHz of ± 100 MHz only applies for DASY v4.4 and higher (see Page 2), else it is restricted to ± 50 MHz. The uncertainty is the RSS of the ConvF uncertainty at calibration frequency and the uncertainty for the indicated frequency band. Frequency validity below 300 MHz is ± 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.

FAt frequencies up to 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. The uncertainty is the RSS of the ConvF uncertainty for indicated target tissue parameters.

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

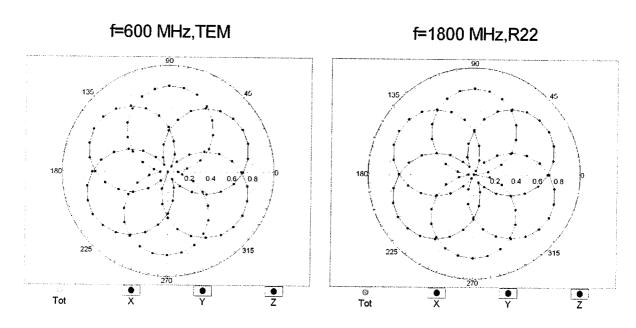
^G Alpha/Depth are determined during calibration. SPEAG warrants that the remaining deviation due to the boundary effect after compensation is always less than ± 1% for frequencies below 3 GHz and below ± 2% for frequencies between 3-6 GHz at any distance larger than half the probe tip diameter from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

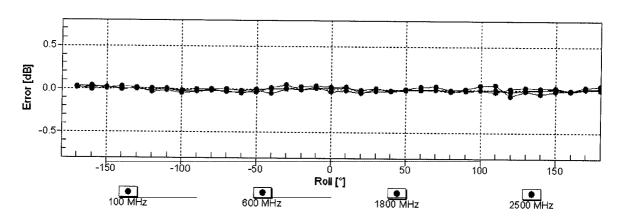
Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

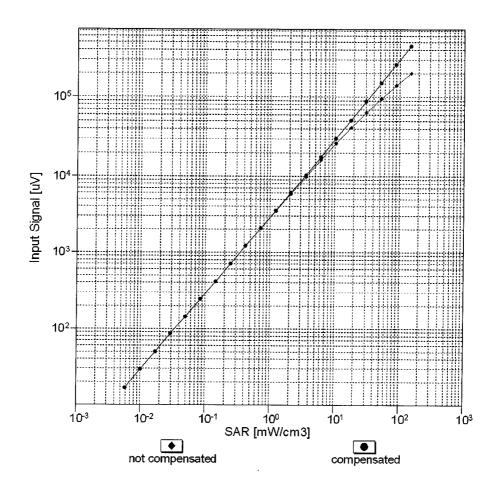
Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$

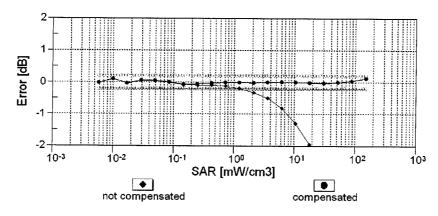




Uncertainty of Axial Isotropy Assessment: ± 0.5% (k=2)

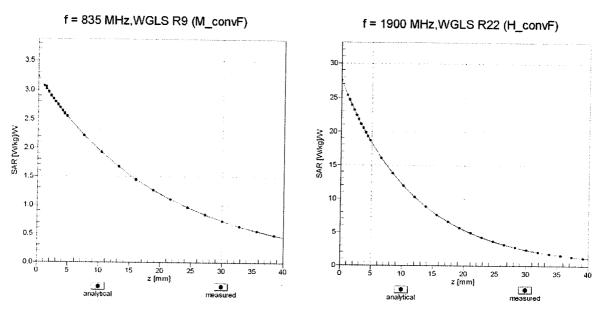
Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)



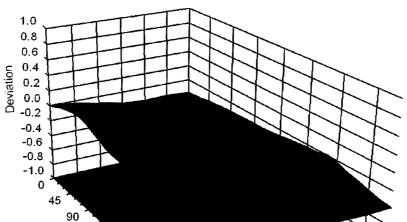


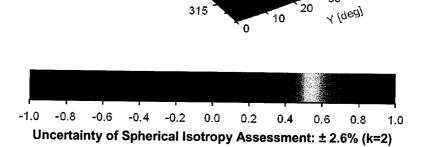
Uncertainty of Linearity Assessment: ± 0.6% (k=2)

Conversion Factor Assessment



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





315

40

30

135 +10001 180

225

270

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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 10035	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 %
10058	DAC	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
10059	CAB	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
10060	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
10061	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps) IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	2.83	± 9.6 %
10062	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	3.60	± 9.6 %
10063	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
10064	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
10065	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
10066	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
10067	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	9.38	± 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	10.24	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	10.56	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.83	± 9.6 %
10073	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
10074	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 24 Mbps)	WLAN WLAN	9.94	± 9.6 %
10075	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 36 Mbps)	WLAN	10.30	± 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	10.94	± 9.6 %
10081	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	11.00	± 9.6 %
10082	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	3.97	± 9.6 %
0090	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	4.77 6.56	± 9.6 %
0097	CAB	UMTS-FDD (HSDPA)	WCDMA		± 9.6 %
10098	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98 3.98	± 9.6 % ± 9.6 %
0099	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	
0100	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	±9.6 %
0101	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
0102	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
0103	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
0104	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.29	± 9.6 % ± 9.6 %
0105	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-TDD	10.01	± 9.6 %
0105					

10222 CAC	10220	CAC	IEEE 000 44 - (III M) - 1 40 0 M)			
10222 CAC IEEE 802.11n (HT Mised; 15 Mbps, BPSK) WIAN 6.66 19.0 % 10224 CAC IEEE 802.11n (HT Mised; 150 Mbps, 16-DAM) WIAN 6.66 19.0 % 10224 CAC IEEE 802.11n (HT Mised; 150 Mbps, 64-QAM) WIAN 6.08 19.0 % 10225 CAB UNTS-FIDD (IPSPA+) WCDMA 10226 CAB UNTS-FIDD (IPSPA+) WCDMA 10227 CAB UNTS-FIDD (IPSPA+) WCDMA 10227 CAB UNTS-FIDD (IPSPA+) WCDMA 10227 CAB LTE-TDD (IPSPA+) WCDMA 10227 CAB LTE-TDD (IPSPA+) WCDMA 10227 CAB UNTS-FIDD (IPSPA+) WCDMA 10228 CAB UNTS-FIDD (IPSPA+) WCDMA 10229 CAB UNTS-FIDD (IPSPA			IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10223 CAC			IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)			
10224 CAC IEEE 802.11n (Irt Miled). 150 Mbps. 64-QAM)			IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)			
10225 CAB UMTS-FDD (HSPA+) WCDMA S.057 \$9.8 % 10227 CAA LTE-TDD (SC-FDMA, IRB. 1.4 MHz, IS-QAM) LTE-TDD 9.49 \$9.8 % 10227 CAA LTE-TDD (SC-FDMA, IRB. 1.4 MHz, IS-QAM) LTE-TDD 9.49 \$9.8 % 10228 CAA LTE-TDD (SC-FDMA, IRB. 1.4 MHz, QFSK) LTE-TDD 9.22 \$9.8 % 10229 CAC LTE-TDD (SC-FDMA, IRB. 3 MHz, IS-QAM) LTE-TDD 9.22 \$9.8 % 10229 CAC LTE-TDD (SC-FDMA, IRB. 3 MHz, IS-QAM) LTE-TDD 9.22 \$9.8 % 10231 CAC LTE-TDD (SC-FDMA, IRB. 3 MHz, QFSK) LTE-TDD 10.25 \$9.8 % 10231 CAC LTE-TDD (SC-FDMA, IRB. 3 MHz, QFSK) LTE-TDD 10.25 \$9.8 % 10231 CAC LTE-TDD (SC-FDMA, IRB. 3 MHz, QFSK) LTE-TDD 9.48 \$9.8 % 10233 CAF LTE-TDD (SC-FDMA, IRB. 5 MHz, QFSK) LTE-TDD 9.48 \$9.8 % 10233 CAF LTE-TDD (SC-FDMA, IRB. 5 MHz, QFSK) LTE-TDD 9.48 \$9.8 % 10235 CAF LTE-TDD (SC-FDMA, IRB. 5 MHz, QFSK) LTE-TDD 9.48 \$9.8 % 10235 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, 16-QAM) LTE-TDD 9.48 \$9.8 % 10235 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, 16-QAM) LTE-TDD 9.48 \$9.8 % 10235 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.49 \$9.8 % 10236 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.49 \$9.8 % 10236 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.49 \$9.8 % 10238 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.21 \$9.8 % 10238 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.21 \$9.8 % 10238 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.21 \$9.8 % 10238 CAF LTE-TDD (SC-FDMA, IRB. 10 MHz, QFSK) LTE-TDD 9.21 \$9.8 % 10234 CAF LTE-TDD (SC-FDMA, SOS RB, 1.4 MHz, QFSK) LTE-TDD 9.21 \$9.8 % 10234 CAF LTE-TDD (SC-FDMA, SOS RB, 1.4 MHz, QFSK) LTE-TDD 9.22 \$9.8 % 10234 CAF LTE-TDD (SC-FDMA, SOS RB, 1.4 MHz, QFSK) LTE-TDD 9.22 \$9.8 % 10234 CAF LTE-TDD (SC-FDMA, SOS RB, 1.4 MHz, QFSK) LTE-TDD 9.20 \$9.8 % 10234 CAF LTE-TDD (SC-FDMA, SOS RB, 1.4 MHz, QFSK) LTE-TDD			IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
100228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 46-OAM) LTE-TDD 3.9 \$9.8 \$8.9 \$10228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 40-OAM) LTE-TDD 10.26 2.9.8 \$8.9 \$10228 CAA LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 40-OAM) LTE-TDD 10.26 2.9.8 \$8.9 \$10228 CAA LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 9.48 2.9.6 \$8.10230 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 9.48 2.9.6 \$8.10230 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 9.49 2.9.6 \$8.10230 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 9.19 2.9.6 \$8.10230 CAC LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 9.19 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 9.19 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 2 H-OAM) LTE-TDD 10.25 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 H-OAM) LTE-TDD 10.25 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 H-OAM) LTE-TDD 10.25 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 2 H-OAM) LTE-TDD 9.40 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 H-OAM) LTE-TDD 9.40 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 H-OAM) LTE-TDD 9.40 2.9.6 \$8.10232 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 2 H-OAM) LTE-TDD 9.21 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 1 RB, 1 MHz, 2 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 1 RB, 1 MHz, 2 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 1 RB, 1 MHz, 3 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 1 RB, 1 MHz, 3 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 1 RB, 1 MHz, 4 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 3 RB, 1 MHz, 4 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 3 RB, 1 MHz, 4 H-OAM) LTE-TDD 9.22 3.9.6 \$8.10232 CAF LTE-TDD SC-FDMA, 3 RB, 3 MHz, 4 H-O			IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)			
10227 CAA LTE-TDD (SC-FDMA, 1 RB, 1 at MHz, 0+GAM)						± 9.6 %
10228 CAA LTE-TDD (SC-PDMA, 18B, 3 MHz, 16-DAM) LTE-TDD 9.40 5.96			LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)			± 9.6 %
10229 CAC ITE-IDD (SC-FDMA, 1RB, 3 MHz, 16-OAM)			LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)		10.26	± 9.6 %
10230 CAC LTE-IDD (SC-FDMA, 1 RB, 3 MHz, 64-CAM) LTE-TDD 0.25 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-TDD 9.19 ±9.6 % 10232 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 0.25 ±9.6 % 10233 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 10.25 ±9.6 % 10234 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 10.25 ±9.6 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 10.25 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 MHz, 16-CAM) LTE-TDD 9.10 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 2 MHz, 16-CAM) LTE-TDD 9.11 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 16 MHz, 2 MHz, 16-CAM) LTE-TDD 9.12 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 2 MHz, 16-CAM) LTE-TDD 9.21 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 2 MHz, 16-CAM) LTE-TDD 9.22 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 16-CAM) LTE-TDD 9.22 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 16-CAM) LTE-TDD 9.46 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1 MHz, 2 MHz						± 9.6 %
10231 CAC LTE-TDD (SC-FDMA, 1RB, 5 MHz, LG-DAM)			LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10232 CAF ITE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM)			LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10233 CAF LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)			LTE-TDD (SC-FDMA, 1 RB, 3 MHz, QPSK)	LTE-TDD	9.19	± 9.6 %
10239 CAF LIE-IDD (SC-FDMA, 1 RB, 5 MHz, QPSK) LTE-TDD 9.21 ±9.6 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 16-QAM) LTE-TDD 9.21 ±9.6 % 10235 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-TDD 9.48 ±9.6 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-TDD 0.25 ±9.6 % 10237 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-QAM) LTE-TDD 0.25 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 1 G-QAM) LTE-TDD 0.21 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 5 MHz, 1 G-QAM) LTE-TDD 0.26 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 1 5 MHz, 1 G-QAM) LTE-TDD 0.25 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 1 RB, 1 5 MHz, 1 G-QAM) LTE-TDD 0.25 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 1 G-QAM) LTE-TDD 9.21 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1 4 MHz, 1 G-QAM) LTE-TDD 9.82 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1 MHz, QPSK) LTE-TDD 9.80 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 9.86 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 9.86 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 0.06 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 0.06 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 9.30 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10246 CAF LTE-TDD (SC-FDMA, 50% RB, 8 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 1 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 1 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 1 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 1 MHz, QPSK) LTE-TDD 9.90 ±9.6 % 1			LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)			LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)	LTE-TDD	10.25	
10239 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 24-OAM)			LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)		9.21	± 9.6 %
10237 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-DAM) LTE-TDD 9.21 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-DAM) LTE-TDD 9.48 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-DAM) LTE-TDD 10.25 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-DAM) LTE-TDD 9.21 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-DAM) LTE-TDD 9.22 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-DAM) LTE-TDD 9.82 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-DAM) LTE-TDD 9.86 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-DAM) LTE-TDD 9.46 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-DAM) LTE-TDD 9.46 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10248 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10248 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 9.30 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 9.30 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 9.30 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.09 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.09 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 9.20 ±9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.21 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.21 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.29 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.29 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.20 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.20 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz,			LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)		9.48	± 9.6 %
10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM) LTE-TDD 9.48 49.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QB-QAM) LTE-TDD (DC-FDMA, 1 RB, 15 MHz, QB-QAM) LTE-TDD (DC-FDMA, 1 RB, 15 MHz, QB-QAM) LTE-TDD (DC-FDMA, 50% RB, 1.4 MHz, QB-QAM) LTE-TDD 9.21 ±9.6 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QB-QAM) LTE-TDD 9.86 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QB-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QB-QAM) LTE-TDD 9.86 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 3.4 MHz, QB-QAM) LTE-TDD 0.66 ±9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3.4 MHz, QB-QAM) LTE-TDD 10.06 ±9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3.4 MHz, QB-QAM) LTE-TDD 10.06 ±9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3.4 MHz, QB-QAM) LTE-TDD 10.06 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3.4 MHz, QB-QAM) LTE-TDD 10.06 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5.4 MHz, QB-QAM) LTE-TDD 9.91 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5.4 MHz, QB-QAM) LTE-TDD 9.91 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5.4 MHz, QB-QAM) LTE-TDD 9.91 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5.4 MHz, QB-QAM) LTE-TDD 9.29 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5.4 MHz, QB-QAM) LTE-TDD 9.29 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GB-QAM) LTE-TDD 9.29 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QB-QAM) LTE-TDD 9.21 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QB-QAM) LTE-TDD 9.21 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QB-QAM) LTE-TDD 9.21 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GB-QAM) LTE-TDD 9.20 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GB-QAM) LTE-TDD 9.20 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GB-QAM) LTE-TDD 9.20 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GB-Q				LTE-TDD	10.25	± 9.6 %
10249 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-DAM) LTE-TDD 10.25 19.6 % 10241 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-DAM) LTE-TDD 9.21 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-DAM) LTE-TDD 9.82 ±9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-DAM) LTE-TDD 9.86 ±9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-DAM) LTE-TDD 9.86 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 18-DAM) LTE-TDD 9.46 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10246 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10248 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.06 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.09 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.09 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.09 ±9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-DAM) LTE-TDD 10.09 ±9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 6 MHz, 64-DAM) LTE-TDD 9.81 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-DAM) LTE-TDD 9.81 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-DAM) LTE-TDD 9.24 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 16-DAM) LTE-TDD 9.24 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 16-DAM) LTE-TDD 9.24 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 64-DAM) LTE-TDD 9.24 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 64-DAM) LTE-TDD 9.20 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 16 MHz, 64-DAM) LTE-TDD 9.20 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 64-DAM) LTE-TDD 9.20 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA			LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10240 CAF			LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10241 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM) LTE-TDD 9.21 ± 9.6 % 10242 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-QAM) LTE-TDD 9.86 ± 9.6 % 10243 CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-QAM) LTE-TDD 9.86 ± 9.6 % 10244 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QFSK) LTE-TDD 10.06 ± 9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 26-QAM) LTE-TDD 9.91 ± 9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 9.91 ± 9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.29 ± 9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.81 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 10.17 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.24 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.24 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 9.20 ± 9.6 % 1025			LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10241 CAA			LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	
10242 CAA			LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-TDD	9.82	± 9.6 %
10243 CAC			LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-TDD	9.86	
10245 CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-GAM) LTE-TDD 10.06 ±9.6 % 10247 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, LOPSK) LTE-TDD 9.30 ±9.6 % 10248 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-GAM) LTE-TDD 10.09 ±9.6 % 10249 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-GAM) LTE-TDD 10.09 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ±9.6 % 10250 CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9.29 ±9.6 % 10251 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.29 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10.17 ±9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 10.17 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.24 ±9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ±9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 10.14 ±9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.20 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.96 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.96 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.96 ±9.6 % 10256 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.96 ±9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.96 ±9.6 % 10256 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.96 ±9.6 % 10266 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.24 ±9.6 % 10266 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.24 ±9.6 % 10266 CAC LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.24 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.24 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD			LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	
10245 CAC LTE-TDD (SC-PDMA, 50% RB, 3 MHz, 64-CAM) LTE-TDD 9.30 ±9.6 % 10247 CAF LTE-TDD (SC-PDMA, 50% RB, 5 MHz, 16-CAM) LTE-TDD 10.06 ±9.6 % 10248 CAF LTE-TDD (SC-PDMA, 50% RB, 5 MHz, 16-CAM) LTE-TDD 10.09 ±9.6 % 10249 CAF LTE-TDD (SC-PDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 10.09 ±9.6 % 10250 CAF LTE-TDD (SC-PDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10250 CAF LTE-TDD (SC-PDMA, 50% RB, 5 MHz, 64-CAM) LTE-TDD 9.81 ±9.6 % 10251 CAF LTE-TDD (SC-PDMA, 50% RB, 10 MHz, 16-CAM) LTE-TDD 9.81 ±9.6 % 10252 CAF LTE-TDD (SC-PDMA, 50% RB, 10 MHz, 64-CAM) LTE-TDD 9.21 ±9.6 % 10253 CAF LTE-TDD (SC-PDMA, 50% RB, 10 MHz, 16-CAM) LTE-TDD 9.24 ±9.6 % 10253 CAF LTE-TDD (SC-PDMA, 50% RB, 15 MHz, 64-CAM) LTE-TDD 9.90 ±9.6 % 10255 CAF LTE-TDD (SC-PDMA, 50% RB, 15 MHz, 64-CAM) LTE-TDD 9.90 ±9.6 % 10255 CAF LTE-TDD (SC-PDMA, 50% RB, 15 MHz, 64-CAM) LTE-TDD 9.90 ±9.6 % 10255 CAF LTE-TDD (SC-PDMA, 50% RB, 15 MHz, 64-CAM) LTE-TDD 9.90 ±9.6 % 10256 CAA LTE-TDD (SC-PDMA, 50% RB, 15 MHz, 64-CAM) LTE-TDD 9.20 ±9.6 % 10256 CAA LTE-TDD (SC-PDMA, 50% RB, 15 MHz, 64-CAM) LTE-TDD 9.20 ±9.6 % 10256 CAA LTE-TDD (SC-PDMA, 100% RB, 1.4 MHz, 64-CAM) LTE-TDD 9.96 ±9.6 % 10256 CAA LTE-TDD (SC-PDMA, 100% RB, 3 MHz, 64-CAM) LTE-TDD 9.96 ±9.6 % 10260 CAC LTE-TDD (SC-PDMA, 100% RB, 3 MHz, 64-CAM) LTE-TDD 9.34 ±9.6 % 10260 CAC LTE-TDD (SC-PDMA, 100% RB, 3 MHz, 64-CAM) LTE-TDD 9.24 ±9.6 % 10260 CAC LTE-TDD (SC-PDMA, 100% RB, 3 MHz, 64-CAM) LTE-TDD 9.24 ±9.6 % 10260 CAC LTE-TDD (SC-PDMA, 100% RB, 5 MHz, 64-CAM) LTE-TDD 9.23 ±9.6 % 10260 CAC LTE-TDD (SC-PDMA, 100% RB, 5 MHz, 64-CAM) LTE-TDD 9.23 ±9.6 % 10260 CAF LTE-TDD (SC-PDMA, 100% RB, 5 MHz, 64-CAM) LTE-TDD 9.23 ±9.6 % 10260 CAF LTE-TDD (SC-PDMA, 100% RB, 5 MHz, 64-CAM) LTE-TDD 9.20 ±9.6 % 10260 CAF LTE-TDD (SC-PDM			LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD		
10246 CAC			LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD		
10247 CAF			LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD		
10248			LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-TDD		
10249 CAF			LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-TDD	10.09	
10250 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM) LTE-TDD 9.81 ± 9.6 % 10252 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.94 ± 9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.90 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.20 ± 9.6 % 10256 CAA LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, G4-QAM) LTE-TDD 9.96 ± 9.6 % 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 14 MHz, G4-QAM) LTE-TDD 9.96 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, G4-QAM) LTE-TDD 9.94 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, G4-QAM) LTE-TDD 9.98 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, G4-QAM) LTE-TDD 9.97 ± 9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, G4-QAM) LTE-TDD 9.24 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, G4-QAM) LTE-TDD 9.24 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, G4-QAM) LTE-TDD 9.24 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, G4-QAM) LTE-TDD 9.23 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, G4-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, G4-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, G4-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.93 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.93 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.93 ± 9.6 % 10266 CA			LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	
10251 CAF			LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	
10253			LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	
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 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ±9.6 % 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 06-QAM) LTE-TDD 10.08 ±9.6 % 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ±9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.34 ±9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ±9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ±9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ±9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.24 ±9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ±9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.83 ±9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.92 ±9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.92 ±9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.92 ±9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ±9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.06 ±9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.06 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.13 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.16 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.16 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.16 ±9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 10.16 ±9.6 % 10270 CAF LTE-TDD (SC-FDM			LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10255 CAF			LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)		9.90	± 9.6 %
10256 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.96 ± 9.6 % 10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9.6 % 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9.6 % 10250 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ± 9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.83 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.83 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 10.07 ± 9.6 % 10267 CAF 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, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 10.06 ± 9.6 % 10260 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 10.10 ± 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 % 10270 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, 64-QAM) LTE-TDD 10.13 ± 9.6 % 10270 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, 64-QAM) LTE-TDD			LTE-1DD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)			± 9.6 %
10257 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM) LTE-TDD 10.08 ± 9.6 % 10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.97 ± 9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.97 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.83 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.83 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.83 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM) LTE-TDD 9.92 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.07 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.07 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.13 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-QAM) LTE-TDD 10.06 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-QAM) LTE-TDD 10.18 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-QAM) LTE-TDD 10.18 ± 9.6 % 10270 CAA PHS (QPSK) LTE-TDD 10.18 ± 9.6 % 10271 CAA PHS (QPSK) LTE-TDD 10.18 ± 9.6 % 10271 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 11.81 ± 9.6 % 10272 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 11.81			LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-TDD	9.20	± 9.6 %
10258 CAA LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK) LTE-TDD 9.34 ± 9.6 % 10259 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.98 ± 9.6 % 10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.24 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 10.16 ± 9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.92 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.92 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 9.30 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.06 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 9.58 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.11 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.11 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.11 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAP LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 3.71			LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)		9.96	± 9.6 %
10259			LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	
10260 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.97 ± 9.6 % 10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM) LTE-TDD 9.22 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, G4-QAM) LTE-TDD 10.06 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, G4-QAM) LTE-TDD 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, G4-QAM) LTE-TDD 10.13 ± 9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.10) WCDMA 4.87 ± 9.6 % 10277 CAA PHS (QPSK) LTE-TDD HSUPA, Subtest 5, 3GPP Rei8.4) WCDMA 3.96 ± 9.6 % 10279 CAA PHS (QPSK) BM 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10290 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.50 ± 9.6 % 10292 AAB CDMA2000, RC3, SO35, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10297 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.			LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, QPSK)		9.34	± 9.6 %
10261 CAC LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK) LTE-TDD 9.24 ± 9.6 % 10262 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM) LTE-TDD 9.83 ± 9.6 % 10263 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 10.16 ± 9.6 % 10264 CAF LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK) LTE-TDD 9.23 ± 9.6 % 10265 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, GA-QAM) LTE-TDD 9.23 ± 9.6 % 10266 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, GA-QAM) LTE-TDD 9.92 ± 9.6 % 10267 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 10.07 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.07 ± 9.6 % 10268 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.06 ± 9.6 % 10269 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GA-QAM) LTE-TDD 10.13 ± 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 Rel8.41) WCDMA 3.96 ± 9.6 % 10276 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10290 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.91 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.91 ± 9.6 % 10295 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 2			LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10262 CAF			LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)			± 9.6 %
10263			LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)			± 9.6 %
10264 CAF			LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 16-QAM)	LTE-TDD	9.83	± 9.6 %
10265 CAF					10.16	± 9.6 %
10266						± 9.6 %
10267 CAF LTE-TDD (SC-FDMA, 100% RB, 10 MHz, QPSK) LTE-TDD 9.30 ± 9.6 %			LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 16-QAM)			± 9.6 %
10268			LTE-TOD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)	LTE-TDD		
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 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 % 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 3.39 ± 9.6 % 10292 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10293 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 %			LTE-TUD (SC-FUMA, 100% RB, 10 MHz, QPSK)			
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 3.50 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 12.49 ± 9.6 % <td< td=""><td></td><td></td><td>LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)</td><td></td><td></td><td></td></td<>			LTE-TOD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)			
10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.96 ± 9.6 % 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %			LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)			
10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.4) WCDMA 3.96 ± 9.6 % 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %			LIE-TUD (SC-FUMA, 100% RB, 15 MHz, QPSK)			± 9.6 %
10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC1, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 % 10297 AAD LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK) LTE-FDD 5.81 ± 9.6 % 10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %			UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)			± 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 11.81 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 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 %			UMTS-FDD (HSUPA, Subtest 5, 3GPP Rei8.4)		3.96	± 9.6 %
10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 11.51 19.6 % 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 %						
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 %						
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 %						
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 %						
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 %						
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, QPSK) LTE-FDD 5.72 ± 9.6 %			CDMA2000, RC3, SU32, Full Rate			
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 %			CDMA2000 BC4 SO2 4/0th Batt ST 5			
10298 AAD LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-FDD 5.72 ± 9.6 %			LTE EDD (SC EDMA 50% DR 2011) 20010			
10200 AAD LITE FDD (CC FDMA FOX FD CAME ACCOUNT)			LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)			
10200 AND LTE-FDD (SC-FDIVIA, SU% KB, 3 MHZ, 16-QAM) LTE-FDD 6.39 ± 9.6 %			LIE-FDD (SC FDMA 50% RB, 3 MHZ, QPSK)			
	10233	770	LTE-FDD (30-FDMA, 30% KB, 3 MHZ, 16-QAM)	LTE-FDD	6.39	± 9.6 %

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10451	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10456	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10456	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Object	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10460	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10460	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10461	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10462	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 Subf	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD S.56	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10463	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10464 AAB	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD 7.82	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD S.32	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10465 AAB LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10466 AAB LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD LTE-TDD 8.57 10467 AAE LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL 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, 64-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, 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, 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, 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, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) <td< td=""><td>±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %</td></td<>	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL 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, 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, 64-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, 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, 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, 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, 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, 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,	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10466	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 Subf	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10467 AAE LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10468 AAE LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10469 AAE LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10470 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10471 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10472 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10475 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57	±9.6 % ±9.6 % ±9.6 % ±9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD S.32	±9.6 % ±9.6 % ±9.6 % ±9.6 %
10468	± 9.6 % ± 9.6 % ± 9.6 %
Subframe=2,3,4,7,8,9 Subframe=2,3,4,7,8,9	± 9.6 % ± 9.6 % ± 9.6 %
10469 AAE LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.56 10470 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10471 AAE 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) 10474 AAE 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) 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 Subframe=2,3,4,7,8,9) 10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9)	± 9.6 % ± 9.6 % ± 9.6 %
Subframe=2,3,4,7,8,9 10470	± 9.6 % ± 9.6 % ± 9.6 %
10470 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10471 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10472 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10475 AAE LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10478 AAF 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)	± 9.6 % ± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD 7.82	± 9.6 % ± 9.6 %
10471 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10472 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10475 AAE LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10478 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, 1 RB, 20 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9)	± 9.6 %
Subframe=2,3,4,7,8,9) 10472	± 9.6 %
10472 AAE LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 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 Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10478 AAF 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)	
Subframe=2,3,4,7,8,9) 10473	
10473 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK, UL Subframe=2,3,4,7,8,9) LTE-TDD 7.82 10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10475 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10478 AAF 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)	
Subframe=2,3,4,7,8,9 LTE-TDD 7.82	. 0 0 0/
10474 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10475 AAE LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.57 10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) LTE-TDD 8.32 10478 AAF 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)	± 9.6 %
Subframe=2,3,4,7,8,9 LTE-TDD 8.32	
10475	± 9.6 %
Subframe=2,3,4,7,8,9) 10477	
10477 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM, UL Subframe=2,3,4,7,8,9) 10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, UL LTE-TDD 0.57)	± 9.6 %
Subframe=2,3,4,7,8,9) 10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM, III) LTE-TDD 8.32	
10478 AAF LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-OAM III	± 9.6 %
Subframe=2,3,4,7,8,9)	± 9.6 %
10479 AAA ITE TDD (SC EDMA 500) DD 4 4441 CD0(41)	
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)	± 9.6 %
10480 AAA TE-TDD (SC EDMA 50% DD 44 MH- 40 OAM H)	
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)	± 9.6 %
10481 AAA I TE-TDD (SC EDMA 50% DD 4 4441) OLOMA III	
Subframe=2,3,4,7,8,9)	± 9.6 %
10482 AAB LITE-TDD (SC-EDMA 50% BB 3 MULT OPOK HI	
10462 AAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	± 9.6 %
10483 AAB LTE-TDD (SC-EDMA 50% PR 3 MI) 40 OAM III	
Subframe=2,3,4,7,8,9)	± 9.6 %
10484 AAR LTE-TOD (SC EDMA 500/ DD 0.441 0.4.041)	
Subframe=2,3,4,7,8,9)	± 9.6 %
10485 AAE LITE-TOD (SC EDMA 50% DD 544) ODG/CHI	
Subframe=2,3,4,7,8,9)	± 9.6 %
10486 AAE LITE TOD (CC FDMA 500) DD 5444	
Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM, UL LTE-TDD 8.38	± 9.6 %
10487 AAE LITE-TOD (SC EDMA 50% DB 5 MH, 04 CAM H)	
10467 AAE LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM, UL LTE-TDD 8.60 3	± 9.6 %
10488 AAE LITETOD (SC EDMA FOX DD 40 MH CDOX HI	i
10488 AAE LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK, UL LTE-TDD 7.70 ± Subframe=2,3,4,7,8,9)	± 9.6 %
10489 AAE LITETID (SC FDMA 500/ DD 40484	
Subframe=2,3,4,7,8,9) LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM, UL LTE-TDD 8.31 ±	± 9.6 %
10490 AAE ITETID (SC EDMA FOR DD 40 MIL 04 C11111	
10490 AAE LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM, UL LTE-TDD 8.54 ± Subframe=2,3,4,7,8,9)	. 0.04
10491 AAF LITE-TDD (SC EDM 509/ PD 45 MH - CDG/ H)	± 9.6 %
10491 AAE LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK, UL LTE-TDD 7.74 ± Subframe=2,3,4,7,8,9)	± 9.6 %
Guoname=2,3,4,7,0,3)	± 9.6 %

10505					
10535	AAB		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, 99nc duty cycle)	WLAN	8.54	± 9.6 %
10540	AAB	IEEE 802.11ac WiFi (40MHz, MCS6, 99nc duty cycle)	WLAN	8.39	± 9.6 %
10541	AAB	IEEE 802.11ac WiFi (40MHz, MCS7, 99pc duty cycle)	WLAN		
10542	AAB	IEEE 802.11ac WiFi (40MHz, MCS8, 99pc duty cycle)	WLAN	8.46	± 9.6 %
10543	AAB	IEEE 802.11ac WiFi (40MHz, MCS9, 99pc duty cycle)		8.65	± 9.6 %
10544	AAB	IEEE 802.11ac WiFi (80MHz, MCS0, 99pc duty cycle)	WLAN	8.65	± 9.6 %
10545	AAB	IEEE 802.11ac WiFi (80MHz, MCS1, 99pc duty cycle)	WLAN	8.47	± 9.6 %
10546	AAB	IEEE 802.11ac WiFi (80MHz, MCS2, 99pc duty cycle)	WLAN	8.55	± 9.6 %
10547	AAB		WLAN	8.35	± 9.6 %
10548	AAB	IEEE 802.11ac WiFi (80MHz, MCS3, 99pc duty cycle)	WLAN	8.49	± 9.6 %
10550	AAB	IEEE 802.11ac WiFi (80MHz, MCS6, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10551	AAB	IEEE 802.11ac WIFI (60MHz, MCS6, 99pc duty cycle)	WLAN	8.38	± 9.6 %
10552	AAB	IEEE 802.11ac WiFi (80MHz, MCS7, 99pc duty cycle)	WLAN	8.50	± 9.6 %
10553	AAB	IEEE 802.11ac WiFi (80MHz, MCS8, 99pc duty cycle)	WLAN	8.42	± 9.6 %
10554		IEEE 802.11ac WiFi (80MHz, MCS9, 99pc duty cycle)	WLAN	8.45	± 9.6 %
10555	AAC	IEEE 802.11ac WiFi (160MHz, MCS0, 99pc duty cycle)	WLAN	8.48	± 9.6 %
	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, 99nc duty cycle)	WLAN	8.61	± 9.6 %
10560	AAC	IEEE 802.11ac WiFi (160MHz, MCS6, 99pc duty cycle)	WLAN	8.73	
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		± 9.6 %
10563	AAC	IEEE 802.11ac WiFi (160MHz, MCS9, 99pc duty cycle)	WLAN	8.69	± 9.6 %
10564	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 99pc duty	WLAN	8.77	± 9.6 %
			WLAN	8.25	± 9.6 %
10565	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 99pc duty	WLAN		-
		cycle)	WLAN	8.45	± 9.6 %
10566	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 99pc duty	WLAN	0.10	
		cycle)	VVLAIN	8.13	± 9.6 %
10567	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 99pc duty	WLAN		
		(Cycle)	VVLAIN	8.00	± 9.6 %
10568	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 36 Mbps, 99pc duty	WLAN	0.07	1000
		cycle)	WLAN	8.37	± 9.6 %
10569	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 48 Mbps, 99pc duty	WLAN	0.40	1000
		cycle)	VVLAIN	8.10	± 9.6 %
10570	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 99pc duty	WLAN	0.00	
		cycle)	WLAN	8.30	± 9.6 %
10571	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 90pc duty cycle)	WLAN	+ 4.00	
10572	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps, 90pc duty cycle)		1.99	± 9.6 %
10573	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps, 90pc duty cycle)	WLAN	1.99	± 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	1.98	± 9.6 %
		cycle)	WLAN	8.59	± 9.6 %
10576	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 9 Mbps, 90pc duty	140 41		
		cycle)	WLAN	8.60	± 9.6 %
10577	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 12 Mbps, 90pc duty			
		cycle)	WLAN	8.70	± 9.6 %
10578	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 18 Mbps, 90pc duty	1		
		cycle)	WLAN	8.49	± 9.6 %
10579	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 24 Mbps, 90pc duty			
·		cycle)	WLAN	8.36	± 9.6 %
10580	AAA	IEEE 802.11g 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	1,2,2,2,1		
		cycle)	WLAN	8.35	± 9.6 %
10582	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 54 Mbps, 90pc duty			
		cycle)	WLAN	8.67	± 9.6 %
10583	AAB				
10584	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 90pc duty cycle)	WLAN	8.59	± 9.6 %
10585	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps, 90pc duty cycle)	WLAN	8.60	± 9.6 %
10586	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps, 90pc duty cycle)	WLAN	8.70	± 9.6 %
10587	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps, 90pc duty cycle)	WLAN	8.49	± 9.6 %
10001	~~D	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps, 90pc duty cycle)	WLAN	8.36	±9.6 %

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10655	AAE	LTE-TDD (OFDMA, 20 MHz, E-TM 3.1, Clipping 44%)			
10658	AAA	Dul- 100 (01 DiviA, 20 IVIA2, E-11VI 3.1, Clipping 44%)	LTE-TDD	7.21	± 9.6 %
		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		
10661	AAA	Pulse Waveform (200Hz, 60%)		3.98	± 9.6 %
10662	AAA	Pulse Waveform (200Hz, 80%)	Test	2.22	± 9.6 %
10670	AAA	Bluetooth Low Energy	Test	0.97	± 9.6 %
10070	1/2/7	Didelociti Fow Elletgy	Bluetooth	2.19	± 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.