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Accreditation No.: SCS 0108

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Glossary:

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

CF A, B, C, D

DCP

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:

- 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
- 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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EX3DV4 - SN:3617

January 30, 2020

DASY/EASY - Parameters of Probe: EX3DV4 - SN:3617

Basic Calibration Parameters

	Sensor X	Sensor Y	Sensor Z	Unc (k=2)
Norm $(\mu V/(V/m)^2)^A$	0.35	0.21	0.32	± 10.1 %
DCP (mV) ^B	104.3	93.8	97.1	

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	130.5	± 3.5 %	± 4.7 %
		Y	0.00	0.00	1.00		137.4		100 100 100 1 APO
		Z	0.00	0.00	1.00		129.2		
10352-	Pulse Waveform (200Hz, 10%)	X	5.74	74.31	15.16	10.00	60.0	± 2.6 %	± 9.6 %
AAA		Y	20.00	84.63	18.23		60.0		7.0
		Z	20.00	90.64	20.98		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	11.18	82.57	16.62	6.99	80.0	± 1.6 %	± 9.6 %
AAA		Y	11.60	81.13	15.97		80.0		
		Z	20.00	91.54	20.06		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	20.00	88.75	16.93	3.98	95.0	± 1.0 %	± 9.6 %
AAA		Y	1.22	64.13	8.17		95.0		
		Z	20.00	94.77	20.04		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	20.00	90.94	16.71	2.22	120.0	± 1.3 %	± 9.6 %
AAA		Y	0.41	60.00	4.32		120.0		
		Z	20.00	99.77	20.92		120.0	1	
10387-	QPSK Waveform, 1 MHz	X	0.73	63.23	9.65	0.00	150.0	± 4.1 %	± 9.6 %
AAA		Y	0.47	60.00	5.82		150.0		
		Z	0.73	63.00	9.63		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.46	70.66	17.17	0.00	150.0	± 1.7 %	± 9.6 %
AAA		Y	2.10	68.37	15.67		150.0	1	
		Z	2.45	70.34	17.05		150.0		
10396-	64-QAM Waveform, 100 kHz	X	3.34	72.82	19.20	3.01	150.0	± 1.6 %	± 9.6 %
AAA		Υ	3.57	72.45	19.52		150.0		
		Z	3.45	73.00	19.94		150.0		
10399- AAA	64-QAM Waveform, 40 MHz	X	3.61	68.21	16.41	0.00	150.0	± 3.8 %	± 9.6 %
		Υ	3.40	67.13	15.82		150.0		
		Z	3.62	68.06	16.39		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.88	66.26	15.89	0.00	150.0	± 6.6 %	± 9.6 %
AAA		Y	4.57	64.95	15.35		150.0		
		Z	4.92	66.18	15.92		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.





DASY/EASY - Parameters of Probe: EX3DV4 - SN:3617

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	41.2	299.64	34.06	12.13	0.82	5.00	1.88	0.20	1.00
Υ	42.0	334.64	39.96	9.91	1.46	5.06	0.00	0.82	1.01
Z	42.8	318.14	35.45	11.95	0.73	5.04	1.02	0.40	1.01

Other Probe Parameters

Sensor Arrangement	Triangular
Connector Angle (°)	13
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:3617

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)
64	54.2	0.75	12.37	12.37	12.37	0.00	1.00	± 13.3 %
150	52.3	0.76	11.63	11.63	11.63	0.00	1.00	± 13.3 %
300	45.3	0.87	11.41	11.41	11.41	0.08	1.20	± 13.3 %
450	43.5	0.87	10.84	10.84	10.84	0.12	1.40	± 13.3 %
750	41.9	0.89	10.07	10.07	10.07	0.61	0.80	± 12.0 %
835	41.5	0.90	9.66	9.66	9.66	0.54	0.84	± 12.0 %
900	41.5	0.97	9.56	9.56	9.56	0.54	0.80	± 12.0 %
1450	40.5	1.20	8.72	8.72	8.72	0.45	0.80	± 12.0 %
1640	40.2	1.31	8.50	8.50	8.50	0.25	0.80	± 12.0 %
1750	40.1	1.37	8.41	8.41	8.41	0.30	0.80	± 12.0 %
1810	40.0	1.40	8.20	8.20	8.20	0.15	1.26	± 12.0 %
1900	40.0	1.40	8.14	8.14	8.14	0.31	0.80	± 12.0 %
2000	40.0	1.40	8.25	8.25	8.25	0.40	0.81	± 12.0 %
2100	39.8	1.49	8.16	8.16	8.16	0.28	0.80	± 12.0 %
2300	39.5	1.67	7.95	7.95	7.95	0.35	0.86	± 12.0 %
2450	39.2	1.80	7.65	7.65	7.65	0.33	0.90	± 12.0 %
2600	39.0	1.96	7.52	7.52	7.52	0.38	0.90	± 12.0 %
3300	38.2	2.71	7.07	7.07	7.07	0.30	1.20	± 13.1 %
3500	37.9	2.91	7.02	7.02	7.02	0.35	1.30	± 13.1 %
3700	37.7	3.12	6.77	6.77	6.77	0.35	1.30	± 13.1 %
3900	37.5	3.32	6.62	6.62	6.62	0.40	1.60	± 13.1 9
4100	37.2	3.53	6.60	6.60	6.60	0.40	1.60	± 13.1 %
4200	37.1	3.63	6.50	6.50	6.50	0.40	1.60	± 13.1 %
4400	36.9	3.84	6.35	6.35	6.35	0.40	1.60	± 13.1 9
4600	36.7	4.04	6.30	6.30	6.30	0.40	1.60	± 13.1 9
4800	36.4	4.25	6.25	6.25	6.25	0.40	1.80	± 13.1 9
4950	36.3	4.40	6.10	6.10	6.10	0.40	1.80	± 13.1 9
5200	36.0	4.66	5.49	5.49	5.49	0.40	1.80	± 13.1 9
5250	35.9	4.71	5.39	5.39	5.39	0.40	1.80	± 13.1 9
5300	35.9	4.76	5.29	5.29	5.29	0.40	1.80	± 13.1 9
5500	35.6	4.96	5.14	5.14	5.14	0.40	1.80	± 13.1 9
5600	35.5	5.07	4.99	4.99	4.99	0.40	1.80	± 13.1 °
5750	35.4	5.22	5.10	5.10	5.10	0.40	1.80	± 13.1 °
5800	35.3	5.27	5.00	5.00	5.00	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 8 MHz is 4-9 MHz, and ConvF assessed at 18 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 farget tissue parameters.

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The ConvC 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:3617

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	9.80	9.80	9.80	0.50	0.80	± 12.0 %
835	55.2	0.97	9.53	9.53	9.53	0.43	0.80	± 12.0 %
900	55.0	1.05	9.49	9.49	9.49	0.42	0.80	± 12.0 %
1450	54.0	1.30	8.56	8.56	8.56	0.25	0.80	± 12.0 %
1640	53.7	1.42	8.44	8.44	8.44	0.32	0.80	± 12.0 %
1750	53.4	1.49	8.09	8.09	8.09	0.48	0.80	± 12.0 %
1810	53.3	1.52	8.05	8.05	8.05	0.44	0.80	± 12.0 %
1900	53.3	1.52	7.94	7.94	7.94	0.39	0.80	± 12.0 %
2000	53.3	1.52	7.92	7.92	7.92	0.37	0.86	± 12.0 %
2100	53.2	1.62	7.89	7.89	7.89	0.35	0.89	± 12.0 %
2300	52.9	1.81	7.78	7.78	7.78	0.39	0.85	± 12.0 %
2450	52.7	1.95	7.76	7.76	7.76	0.41	0.80	± 12.0 %
2600	52.5	2.16	7.45	7.45	7.45	0.32	0.80	± 12.0 %
3300	51.6	3.08	6.44	6.44	6.44	0.40	1.70	± 13.1 %
3500	51.3	3.31	6.30	6.30	6.30	0.40	1.70	± 13.1 %
3700	51.0	3.55	6.27	6.27	6.27	0.40	1.70	± 13.1 %
3900	51.2	3.78	6.24	6.24	6.24	0.40	1.70	± 13.1 %
4100	50.5	4.01	6.21	6.21	6.21	0.40	1.70	± 13.1 %
4200	50.4	4.13	6.20	6.20	6.20	0.40	1.70	± 13.1 %
4400	50.1	4.37	5.97	5.97	5.97	0.40	1.70	± 13.1 %
4600	49.8	4.60	5.83	5.83	5.83	0.40	1.70	± 13.1 %
4800	49.6	4.83	5.72	5.72	5.72	0.50	1.80	± 13.1 %
4950	49.4	5.01	5.41	5.41	5.41	0.50	1.90	± 13.1 %
5200	49.0	5.30	4.80	4.80	4.80	0.50	1.90	± 13.1 %
5250	48.9	5.36	4.70	4.70	4.70	0.50	1.90	± 13.1 %
5300	48.9	5.42	4.61	4.61	4.61	0.50	1.90	± 13.1 %
5500	48.6	5.65	4.32	4.32	4.32	0.50	1.90	± 13.1 %
5600	48.5	5.77	4.23	4.23	4.23	0.50	1.90	± 13.1 %
5750	48.3	5.94	4.36	4.36	4.36	0.50	1.90	± 13.1 %
5800	48.2	6.00	4.22	4.22	4.22	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.

**A 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.

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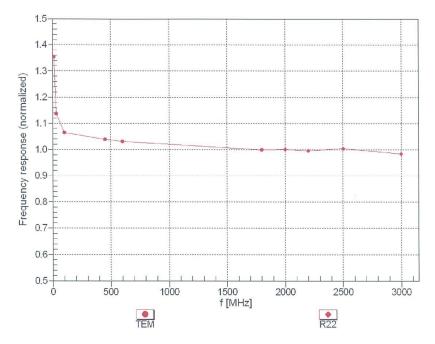
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Frequency Response of E-Field (TEM-Cell:ifi110 EXX, Waveguide: R22)



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

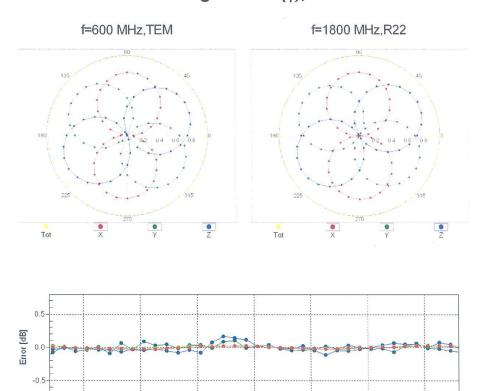
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Receiving Pattern (ϕ), $\vartheta = 0^{\circ}$



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

600 MHz

Roll [°]

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100 MHz

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2500 MHz

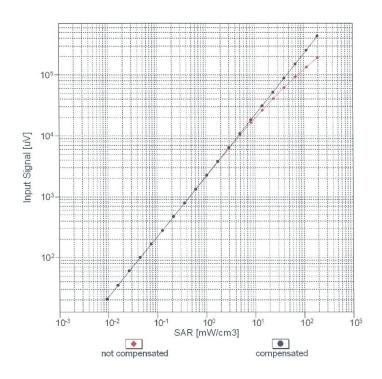


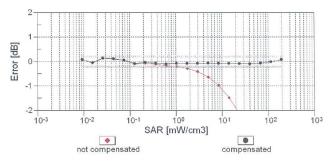


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Dynamic Range f(SAR_{head}) (TEM cell , f_{eval}= 1900 MHz)





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

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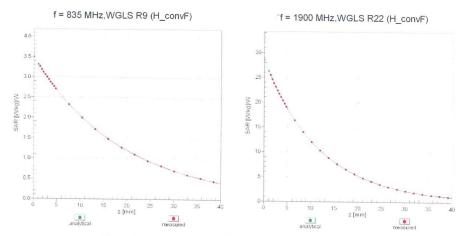
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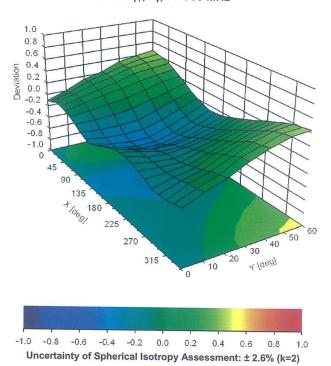
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Conversion Factor Assessment



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
0		CW	CW	(dB) 0.00	(k=2) ± 4.7 %
10010	CAA	SAR Validation (Square, 100ms, 10ms)	Test	10.00	± 9.6 %
10010	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 %
10012	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)	WLAN	9.46	± 9.6 %
10013	DAC	GSM-FDD (TDMA, GMSK)	GSM	9.39	± 9.6 %
10021	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	9.57	± 9.6 %
10023	DAC	GPRS-FDD (TDMA, GMSK, TN 0)	GSM	6.56	± 9.6 %
10024	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1)	GSM	12.62	± 9.6 %
10025	DAC	EDGE-FDD (TDMA, 8PSK, TN 0)	GSM	9.55	± 9.6 %
10020	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	4.80	± 9.6 %
10027	DAC	GPRS-FDD (TDMA, GMSK, TN 0-1-2)	GSM	3.55	± 9.6 %
10028	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	7.78	± 9.6 %
10029	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	5.30	± 9.6 %
10030	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1)	Bluetooth	1.87	± 9.6 %
	CAA			1.16	± 9.6 %
10032	CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5)	Bluetooth	7.74	± 9.6 %
10033 10034	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	4.53	± 9.6 %
		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth		
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 4.77	± 9.6 %
10037 10038	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 % ± 9.6 %
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth		
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	± 9.6 %
10071	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 9 Mbps)	WLAN	9.83	± 9.6 %
10072	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
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 9
10097	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 9
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 9
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 9
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 9
10108	CAG	LTE-FDD (SC-FDMA, 100% RB, 10 MHz, QPSK)	LTE-FDD	5.80	± 9.6 9

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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 %
10172	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, 20 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)			
10176	CAI	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52 5.73	± 9.6 %
10177	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)		6.52	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHZ, 10-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	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM)			
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	5.72	± 9.6 %
10182	AAD		LTE-FDD	6.52	± 9.6 %
	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10184		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	CAF	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187		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 %
	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50 8.09	± 9.6 %
10189	040				± 9.6 %
10189 10193	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN		
10189 10193 10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10189 10193 10194 10195	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN WLAN	8.12 8.21	± 9.6 % ± 9.6 %
10189 10193 10194 10195 10196	CAC CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN WLAN WLAN	8.12 8.21 8.10	± 9.6 % ± 9.6 % ± 9.6 %
10189 10193 10194 10195 10196 10197	CAC CAC CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK) IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN WLAN WLAN WLAN	8.12 8.21 8.10 8.13	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10189 10193 10194 10195 10196	CAC CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM) IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM) IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN WLAN WLAN	8.12 8.21 8.10	± 9.6 % ± 9.6 % ± 9.6 %

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10221 CAC IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)						
10222 CAC IEEE 802.11n (HT Mixed, 16 Mpps, BPSK)			IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)			
10224 CAC IEEE 802.11n (HT Mixed, 90 Mbps, 16-OAM)						
10225 CAB LTE-TDD (CS-FDMA, 1 RB, 1.4 MHz, 16-CAM)			IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10225 CAB				WLAN	8.48	± 9.6 %
10226 CAB ITE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-CAM)				WLAN	8.08	± 9.6 %
10228 CAB LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, GH-CAM) LTE-TDD 10.26 ±9.6 % 10229 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-CAM) LTE-TDD 9.48 ±9.6 % 10230 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, CPSK) LTE-TDD 9.48 ±9.6 % 10231 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, CPSK) LTE-TDD 9.48 ±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, GPSK) LTE-TDD 9.19 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-CAM) LTE-TDD 10.25 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-CAM) LTE-TDD 10.25 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-CAM) LTE-TDD 9.48 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, GA-CAM) LTE-TDD 9.48 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GA-CAM) LTE-TDD 9.48 ±9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GA-CAM) LTE-TDD 9.48 ±9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GA-CAM) LTE-TDD 9.48 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GA-CAM) LTE-TDD 9.48 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, GA-CAM) LTE-TDD 9.26 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GA-CAM) LTE-TDD 9.27 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GA-CAM) LTE-TDD 9.28 ±9.6 % 10236 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GA-CAM) LTE-TDD 9.21 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 1 RB, 15 MHz, GA-CAM) LTE-TDD 9.21 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 5 MR, 1 AMHz, GA-CAM) LTE-TDD 9.21 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 5 MR, 1 AMHz, GA-CAM) LTE-TDD 9.26 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 5 MR, 8 MHz, 1 GA-CAM) LTE-TDD 9.26 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 5 MR, 8 MHz, 1 GA-CAM) LTE-TDD 9.26 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 5 MR, 8 MHz, 6 GA-CAM) LTE-TDD 9.21 ±9.6 % 10234 CAB LTE-TDD (SC-FDMA, 5 MR, 8 MHz, 6 GA-CAM) LTE-TDD 9.21 ±9.6 % 102				WCDMA		± 9.6 %
10228 CAB			LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)		9.49	
10229 CAD LTE-TDD (SC-FDMA, 1 RR, 3 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10231 CAD LTE-TDD (SC-FDMA, 1 RR, 3 MHz, QPSK) LTE-TDD 9.19 ±9.6 % 10232 CAG LTE-TDD (SC-FDMA, 1 RR, 5 MHz, 16-QAM) LTE-TDD 9.19 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RR, 5 MHz, 16-QAM) LTE-TDD 10.25 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RR, 5 MHz, 64-QAM) LTE-TDD 10.25 ±9.6 % 10234 CAG LTE-TDD (SC-FDMA, 1 RR, 5 MHz, 64-QAM) LTE-TDD 10.25 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RR, 5 MHz, 64-QAM) LTE-TDD 9.48 ±9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RR, 10 MHz, 64-QAM) LTE-TDD 9.48 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RR, 10 MHz, 64-QAM) LTE-TDD 9.48 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RR, 10 MHz, 64-QAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RR, 15 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RR, 15 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RR, 15 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RR, 15 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10241 CAB LTE-TDD (SC-FDMA, 1 RR, 15 MHz, 16-QAM) LTE-TDD 9.48 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RR, 1.4 MHz, 16-QAM) LTE-TDD 9.21 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RR, 1.4 MHz, 64-QAM) LTE-TDD 9.28 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RR, 1.4 MHz, 64-QAM) LTE-TDD 9.80 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RR, 1.4 MHz, 64-QAM) LTE-TDD 9.80 ±9.6 % 10246 CAB LTE-TDD SC-FDMA, 50% RR, 3 MHz, 64-QAM) LTE-TDD 9.6 % 9.6 % 10246 CAB LTE-TDD SC-FDMA, 50% RR, 3 MHz, 64-QAM) LTE-TDD 9.6 % 9.6 % 10246 CAB LTE-TDD SC-FDMA, 50% RR, 3 MHz, 64-QAM) LTE-TDD 9.9 % 9.6 % 10246 CAB LTE-TDD SC-FDMA, 50% RR, 5 MHz, 64-QAM) LTE-TDD 9.9 % 9.6 % 10246 CAB LTE-TDD SC-FDMA, 50% RR, 5 MHz, 64-QAM) LTE-TDD 9.9 % 9.6 % 10246 CAB LTE-TDD				LTE-TDD	10.26	± 9.6 %
10230 CAD LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-OAM) LTE-TDD 10,25 ±9.6 % 10232 CAG LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0 FAM) LTE-TDD 94.8 ±9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10235 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10237 CAG LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 1 MHz, 16-OAM) LTE-TDD 94.8 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 SMHz, 16-OAM) LTE-TDD 94.8 ±9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 1 SMHz, 16-OAM) LTE-TDD 94.8 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 1 SMHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10240 CAF LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-OAM) LTE-TDD 94.8 ±9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 94.8 ±9.6 % 10243 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 94.6 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM) LTE-TDD 94.6 ±9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 94.6 ±9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 94.6 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 94.9 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-OAM) LTE-TDD 94.9 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 94.9 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 94.9 ±9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-OAM) LTE-TDD 94.9 ±9.6 % 10246 CAG LTE-T						
10231 CAD LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 1 G-OAM) LTE-TDD 9.19 ± 9.6 % 10233 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 1 G-OAM) LTE-TDD 10.25 ± 9.6 % 10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 10.25 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 9.21 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM) LTE-TDD 9.25 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-CAM) LTE-TDD 9.25 ± 9.6 % 10236 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-CAM) LTE-TDD 10.25 ± 9.6 % 10238 CAG LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-CAM) LTE-TDD 9.21 ± 9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-CAM) LTE-TDD 9.48 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 4 C-OAM) LTE-TDD 9.48 ± 9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 4 C-OAM) LTE-TDD 9.48 ± 9.6 % 10240 CAF LTE-TDD (SC-FDMA, 50 % RB, 1.4 MHz, 16-CAM) LTE-TDD 9.21 ± 9.6 % 10241 CAB LTE-TDD (SC-FDMA, 50 % RB, 1.4 MHz, 16-CAM) LTE-TDD 9.22 ± 9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50 % RB, 1.4 MHz, CPSK) LTE-TDD 9.80 ± 9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50 % RB, 1.4 MHz, CPSK) LTE-TDD 9.80 ± 9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50 % RB, 3 MHz, LPSK) LTE-TDD 9.46 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50 % RB, 3 MHz, LPSK) LTE-TDD 9.46 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50 % RB, 3 MHz, LPSK) LTE-TDD 9.46 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50 % RB, 3 MHz, LPSK) LTE-TDD 9.00 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50 % RB, 5 MHz, 16-CAM) LTE-TDD 9.00 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50 % RB, 5 MHz, 16-CAM) LTE-TDD 9.00 ± 9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50 % RB, 6 MHz, 16-CAM) LTE-TDD 9.01 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50 % RB, 6 MHz, 16-CAM) LTE-TDD 9.24 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50 % RB, 16 MHz, 16-CAM) LTE-TD			LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
19232 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 40-CAM)				LTE-TDD	10.25	± 9.6 %
10233 CAG LTE-TDD (SC-PDMA, 1 RB, 5 MHz, 64-CAM)				LTE-TDD		± 9.6 %
10234 CAG LTE-TDD (SC-FDMA, 1 RB, 5 MHz, CPSK)						
10235 CAG LTE-TDD SC-FDMA, 1 RB, 10 MHz, 6-OAM)				LTE-TDD	10.25	± 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 9.21 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-OAM) LTE-TDD 9.26 ± 9.6 % 10239 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-OAM) 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, 1 RB, 15 MHz, QPSK) LTE-TDD 9.21 ± 9.6 % 10241 CAB LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK) 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 % 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, 1.4 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 % 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 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK) LTE-TDD 10.06 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 10-CMM) LTE-TDD 10.06 ± 9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 10-CMM) LTE-TDD 10.06 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 10-CMM) LTE-TDD 9.91 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 10-CMM) LTE-TDD 9.29 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10-CMM) LTE-TDD 9.29 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10-CMM) LTE-TDD 9.29 ± 9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10-CMM) LTE-TDD 9.29 ± 9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10-CMM) LTE-TDD 9.20 ± 9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10-CMM) LTE-TDD 9.20 ± 9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 10-CMM) LTE-TDD 9.20 ± 9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 10-CMM) LTE-TDD 9.20 ± 9.6	10234	CAG	LTE-TDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10237 CAG LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-OAM) LTE-TDD 9.41 ± 9.6 % 10238 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-OAM) LTE-TDD 10.25 ± 9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-PSK) LTE-TDD 10.25 ± 9.6 % 10240 CAF LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-PSK) LTE-TDD 9.21 ± 9.6 % 10241 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-OAM) LTE-TDD 9.82 ± 9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-PSK) LTE-TDD 9.82 ± 9.6 % 10242 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 0-PSK) LTE-TDD 9.86 ± 9.6 % 10244 CAB LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM) LTE-TDD 9.46 ± 9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM) LTE-TDD 9.46 ± 9.6 % 10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM) LTE-TDD 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM) LTE-TDD 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-PSK) LTE-TDD 9.30 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0-PSK) LTE-TDD 9.30 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0-PSK) LTE-TDD 10.06 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0-PSK) LTE-TDD 10.09 ± 9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0-PSK) LTE-TDD 9.29 ± 9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0-PSK) LTE-TDD 9.81 ± 9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0-PSK) LTE-TDD 9.81 ± 9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0-PSK) LTE-TDD 9.20 ± 9.6 % 10253 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 0-PSK) LTE-TDD 9.20 ± 9.6 % 10253 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 0-PSK) LTE-TDD 9.20 ± 9.6 % 10256 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 0-PSK) LTE-TDD 9.20 ± 9.6 % 10256 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 0-PSK) LTE-TDD 9.20 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 0-PSK) LTE-TDD		CAG		LTE-TDD	9.48	± 9.6 %
10238			LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10239	10237	CAG	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)		9.21	± 9.6 %
10239	10238	CAF		LTE-TDD	9.48	± 9.6 %
10241 CAB LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-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 CAD 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, 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 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM) LTE-TDD 10.09 ± 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, 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, 10 MHz, 64-QAM) LTE-TDD 9.29 ± 9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.81 ± 9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 0.17 ± 9.6 % 10253 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 0.17 ± 9.6 % 10253 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 0.17 ± 9.6 % 10254 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 0.17 ± 9.6 % 10255 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 0.17 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 0.14 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM) LTE-TDD 0.14 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 64-QAM) LTE-TDD 0.14 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 0.16 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 0.16 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 0.08 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM) LTE-TDD 0.09 ± 9.6 %	10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)		10.25	± 9.6 %
10242 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, GPSK) LTE-TDD 10.06 ± 9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK) LTE-TDD 10.06 ± 9.6 % 10245 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK) LTE-TDD 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GPSK) LTE-TDD 10.06 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9.30 ± 9.6 % 10247 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 9.91 ± 9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) LTE-TDD 10.09 ± 9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.21 ± 9.6 % 10251 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.81 ± 9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK) LTE-TDD 9.11 ± 9.6 % 10252 CAG 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 9.24 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 10.14 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.93 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.93 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.93 ± 9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.93 ± 9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz,	10240	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10243 CAB LTE-TDD (SC-FDMA, 50% RB, 14 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 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) LTE-TDD 10.06 ± 9.6 % 10246 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 04-QAM) LTE-TDD 9.30 ± 9.6 % 10248 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, 16-QAM) LTE-TDD 9.91 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM) LTE-TDD 9.29 ± 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 9.21 ± 9.6 % 10251 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, 10 MHz, 16-QAM) LTE-TDD 10.17 ± 9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.20 ± 9.6 % 10253 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.20 ± 9.6 % 10253 CAF 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 CAB LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.20 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, 16-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.90 ± 9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) 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 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.90 ± 9.6 % 10256 C	10241	CAB		LTE-TDD	9.82	± 9.6 %
10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-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, 4-QAM) LTE-TDD 9.91 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 4-QAM) LTE-TDD 9.29 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.21 ±9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ±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 9.24 ±9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.01 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.01 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 10.14 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.00 ±9.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.06 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.06 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.06 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.08 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.09 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 6				LTE-TDD	9.86	± 9.6 %
10244 CAD LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 46-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, 4-QAM) LTE-TDD 9.91 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 4-QAM) LTE-TDD 9.29 ±9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.29 ±9.6 % 10250 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM) LTE-TDD 9.21 ±9.6 % 10252 CAG LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK) LTE-TDD 9.24 ±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 9.24 ±9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 9.01 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-QAM) LTE-TDD 9.01 ±9.6 % 10255 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK) LTE-TDD 10.14 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.00 ±9.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK) LTE-TDD 9.06 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK) LTE-TDD 9.06 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM) LTE-TDD 9.06 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.08 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.09 ±9.6 % 10256 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM) LTE-TDD 9.24 ±9.6 % 10256 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 6			LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-TDD	9.46	± 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 10.09 ± 9.6 % 10248 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM) LTE-TDD 9.29 ± 9.6 % 10249 CAG LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK) 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, GPSK) LTE-TDD 10.17 ± 9.6 % 10252 CAG 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, 16-QAM) LTE-TDD 9.24 ± 9.6 % 10254 CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GPSK) LTE-TDD 9.90 ± 9.6 % 10255 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 9.90 ± 9.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM) LTE-TDD 9.20 ± 9.6 % 10257 CAB LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, GPSK) LTE-TDD 9.96 ± 9.6 % 10258 CAB LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.98 ± 9.6 % 10259 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.98 ± 9.6 % 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.98 ± 9.6 % 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.99 ± 9.6 % 10260 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10261 CAD LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10262 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.24 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.29 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK) LTE-TDD 9.28 ± 9.6 % 10266 CAG LTE-TDD (SC-FDMA, 100%	10244	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-TDD	10.06	
10247 CAG	10245	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-TDD	10.06	± 9.6 %
10248	10246	CAD	LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)	LTE-TDD	9.30	± 9.6 %
10249 CAG	10247	CAG	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	
10251	10249	CAG	LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
10251	10250	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10253	10251	CAG		LTE-TDD	10.17	
10254	10252	CAG	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)	LTE-TDD	9.24	± 9.6 %
10254	10253	CAF	LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-TDD	9.90	± 9.6 %
10255	10254	CAF		LTE-TDD	10.14	± 9.6 %
10257 CAB	10255	CAF		LTE-TDD	9.20	± 9.6 %
10257 CAB	10256	CAB		LTE-TDD	9.96	
10258 CAB	10257	CAB	LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 64-QAM)	LTE-TDD	10.08	± 9.6 %
10260	10258	CAB		LTE-TDD	9.34	± 9.6 %
10261 CAD	10259	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 16-QAM)	LTE-TDD	9.98	± 9.6 %
10261 CAD	10260	CAD	LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)	LTE-TDD	9.97	± 9.6 %
10262	10261	CAD		LTE-TDD	9.24	± 9.6 %
10263	10262	CAG		LTE-TDD	9.83	± 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 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	10263	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)	LTE-TDD	10.16	
10265	10264	CAG	LTE-TDD (SC-FDMA, 100% RB, 5 MHz, QPSK)	LTE-TDD	9.23	± 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 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
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 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % <td>10266</td> <td>CAG</td> <td>LTE-TDD (SC-FDMA, 100% RB, 10 MHz, 64-QAM)</td> <td>LTE-TDD</td> <td>10.07</td> <td>± 9.6 %</td>	10266	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 10.13 ± 9.6 % 10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58 ± 9.6 % 10274 CAB LMTS-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 % <					9.30	
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 LMTS-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, 1/8th Rate 25 fr. CDMA2000 3.50 ± 9.6 %	10268	CAF		LTE-TDD	10.06	
10270 CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK) LTE-TDD 9.58 ± 9.6 % 10274 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10) WCDMA 4.87 ± 9.6 % 10275 CAB UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4) WCDMA 3.96 ± 9.6 % 10277 CAA PHS (QPSK) PHS 11.81 ± 9.6 % 10278 CAA PHS (QPSK, BW 884MHz, Rolloff 0.5) PHS 11.81 ± 9.6 % 10279 CAA PHS (QPSK, BW 884MHz, Rolloff 0.38) PHS 12.18 ± 9.6 % 10290 AAB CDMA2000, RC1, SO55, Full Rate CDMA2000 3.91 ± 9.6 % 10291 AAB CDMA2000, RC3, SO55, Full Rate CDMA2000 3.46 ± 9.6 % 10292 AAB CDMA2000, RC3, SO32, Full Rate CDMA2000 3.39 ± 9.6 % 10293 AAB CDMA2000, RC3, SO3, Full Rate CDMA2000 3.50 ± 9.6 % 10295 AAB CDMA2000, RC3, SO3, 1/8th Rate 25 fr. CDMA2000 12.49 ± 9.6 %		CAF		LTE-TDD	10.13	
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, RC3, 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 %	10270	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-TDD	9.58	
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, 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 %	10274	CAB		WCDMA	4.87	
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 %				WCDMA	3.96	± 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 %					11.81	
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 %						
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 %	10279	CAA	PHS (QPSK, BW 884MHz, Rolloff 0.38)	PHS	12.18	± 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 %					3.46	
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 %						
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 %						

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