



## 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) <sup>B</sup>	102.9	95.7	101.9	

Calibration Results for Modulation Response

UID	Communication System Name		A dB	B dB√μV	С	D dB	VR mV	Max dev.	Max Unc <sup>E</sup> (k=2)
0	CW	X	0.00	0.00	1.00	0.00	151.4	± 3.0 %	± 4.7 %
		Y	0.00	0.00	1.00		154.7	1	
		Z	0.00	0.00	1.00		150.4	1	
10352-	Pulse Waveform (200Hz, 10%)	X	5.31	73.42	14.63	10.00	60.0	± 2.6 %	± 9.6 %
AAA		Y	2.86	65.84	11.90		60.0	LIGHT COLES AND	AF 14013A 0 101 MASS
		Z	15.00	87.67	20.10		60.0		
10353-	Pulse Waveform (200Hz, 20%)	X	10.57	81.97	16.23	6.99	80.0	± 1.7 %	± 9.6 %
AAA		Y	2.03	65.40	10.27		80.0		2 (1200) AND
		Z	15.00	89.79	19.80		80.0		
10354-	Pulse Waveform (200Hz, 40%)	X	15.00	86.62	16.29	3.98	95.0	± 1.1 %	± 9.6 %
AAA		Y	0.82	61.50	6.58		95.0		
		Z	15.00	97.47	22.01		95.0		
10355-	Pulse Waveform (200Hz, 60%)	X	15.00	89.99	16.64	2.22	120.0	± 1.2 %	± 9.6 %
AAA		Y	0.40	60.00	3.98		120.0		
		Z	15.00	114.21	28.32	]	120.0		
10387-	QPSK Waveform, 1 MHz	X	0.65	62.36	8.93	0.00	150.0	± 3.9 %	± 9.6 %
AAA	~	Y	0.45	60.00	5.43		150.0		
		Z	0.90	65.62	10.92		150.0		
10388-	QPSK Waveform, 10 MHz	X	2.42	70.53	17.16	0.00	150.0	± 1.8 %	± 9.6 %
AAA		Y	1.99	67.57	15.24		150.0		
		Z	2.71	72.39	18.22		150.0		
10396-	64-QAM Waveform, 100 kHz	X	3.78	75.33	20.79	3.01	150.0	± 0.7 %	± 9.6 %
AAA		Y	3.23	71.01	18.81		150.0		
		Z	3.71	74.94	20.97		150.0		
10399-	64-QAM Waveform, 40 MHz	X	3.58	68.11	16.37	0.00	150.0	± 4.0 %	± 9.6 %
AAA		Y	3.32	66.75	15.59		150.0		
		Z	3.71	68.68	16.83		150.0		
10414-	WLAN CCDF, 64-QAM, 40MHz	X	4.84	66.21	15.87	0.00	150.0	± 6.7 %	± 9.6 %
AAA		Y	4.48	64.72	15.19		150.0		
		Z	4.93	66.43	16.14		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%.

Certificate No: EX3-3617\_Jan19

Page 3 of 19

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 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 field value.





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

## **Sensor Model Parameters**

	C1 fF	C2 fF	α V <sup>-1</sup>	T1 ms.V <sup>-2</sup>	T2 ms.V <sup>-1</sup>	T3 ms	T4 V <sup>-2</sup>	T5 V <sup>-1</sup>	Т6
X	38.8	281.02	33.92	10.58	0.71	4.99	1.88	0.20	1.01
Υ	39.2	310.65	39.54	8.92	1.27	5.05	0.00	0.75	1.01
Z	40.7	300.62	35.22	10.39	0.59	5.05	1.28	0.33	1.01

### **Other Probe Parameters**

Sensor Arrangement	Triangular
Connector Angle (°)	14.6
Mechanical Surface Detection Mode	enabled
Optical Surface Detection Mode	disabled
Probe Overall Length	337 mm
Probe Body Diameter	10 mm
Tip Length	9 mm
Tip Diameter	2.5 mm
Probe Tip to Sensor X Calibration Point	1 mm
Probe Tip to Sensor Y Calibration Point	1 mm
Probe Tip to Sensor Z Calibration Point	1 mm
Recommended Measurement Distance from Surface	1.4 mm

Certificate No: EX3-3617\_Jan19

Page 4 of 19





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

#### Calibration Parameter Determined in Head Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) <sup>F</sup>	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
64	54.2	0.75	12.45	12.45	12.45	0.00	1.00	± 13.3 %
150	52.3	0.76	11.88	11.88	11.88	0.00	1.00	± 13.3 %
300	45.3	0.87	11.40	11.40	11.40	0.08	1.20	± 13.3 %
450	43.5	0.87	10.54	10.54	10.54	0.14	1.40	± 13.3 %
750	41.9	0.89	10.03	10.03	10.03	0.63	0.84	± 12.0 %
835	41.5	0.90	9.75	9.75	9.75	0.39	0.95	± 12.0 %
900	41.5	0.97	9.66	9.66	9.66	0.47	0.85	± 12.0 %
1450	40.5	1.20	8.68	8.68	8.68	0.37	0.80	± 12.0 %
1640	40.2	1.31	8.48	8.48	8.48	0.38	0.80	± 12.0 %
1750	40.1	1.37	8.38	8.38	8.38	0.36	0.82	± 12.0 %
1810	40.0	1.40	8.11	8.11	8.11	0.32	0.84	± 12.0 %
1900	40.0	1.40	8.14	8.14	8.14	0.32	0.85	± 12.0 %
2000	40.0	1.40	8.13	8.13	8.13	0.28	0.84	± 12.0 9
2100	39.8	1.49	8.30	8.30	8.30	0.37	0.85	± 12.0 %
2300	39.5	1.67	7.74	7.74	7.74	0.32	0.84	± 12.0 %
2450	39.2	1.80	7.62	7.62	7.62	0.31	0.95	± 12.0 %
2600	39.0	1.96	7.19	7.19	7.19	0.43	0.85	± 12.0 %
3300	38.2	2.71	6.98	6.98	6.98	0.25	1.20	± 13.1 %
3500	37.9	2.91	6.97	6.97	6.97	0.50	1.20	± 13.1 %
3700	37.7	3.12	6.89	6.89	6.89	0.20	1.20	± 13.1 %
3900	37.5	3.32	6.88	6.88	6.88	0.20	1.20	± 13.1 %
4600	36.7	4.04	6.84	6.84	6.84	0.20	1.50	± 13.1 %
4950	36.3	4.40	5.60	5.60	5.60	0.40	1.80	± 13.1 %
5200	36.0	4.66	5.50	5.50	5.50	0.40	1.80	± 13.1 %
5250	35.9	4.71	5.39	5.39	5.39	0.40	1.80	± 13.1 %
5300	35.9	4.76	5.25	5.25	5.25	0.40	1.80	± 13.1 %
5500	35.6	4.96	5.18	5.18	5.18	0.40	1.80	± 13.1 %
5600	35.5	5.07	5.06	5.06	5.06	0.40	1.80	± 13.1 %
5750	35.4	5.22	5.07	5.07	5.07	0.40	1.80	± 13.1 %
5800	35.3	5.27	5.04	5.04	5.04	0.40	1.80	± 13.1 %

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

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

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.

Certificate No: EX3-3617\_Jan19 Page 5 of 19

diameter from the boundary.





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

### Calibration Parameter Determined in Body Tissue Simulating Media

f (MHz) <sup>C</sup>	Relative Permittivity <sup>F</sup>	Conductivity (S/m) F	ConvF X	ConvF Y	ConvF Z	Alpha <sup>G</sup>	Depth <sup>G</sup> (mm)	Unc (k=2)
150	61.9	0.80	11.45	11.45	11.45	0.00	1.00	± 13.3 %
300	58.2	0.92	10.57	10.57	10.57	0.03	1.20	± 13.3 %
450	56.7	0.94	10.39	10.39	10.39	0.08	1.20	± 13.3 %
750	55.5	0.96	9.85	9.85	9.85	0.50	0.84	± 12.0 %
835	55.2	0.97	9.61	9.61	9.61	0.37	0.95	± 12.0 %
900	55.0	1.05	9.57	9.57	9.57	0.45	0.84	± 12.0 %
1450	54.0	1.30	8.33	8.33	8.33	0.34	0.80	± 12.0 %
1640	53.7	1.42	8.53	8.53	8.53	0.35	0.80	± 12.0 %
1750	53.4	1.49	8.03	8.03	8.03	0.39	0.84	± 12.0 %
1810	53.3	1.52	7.94	7.94	7.94	0.43	0.84	± 12.0 %
1900	53.3	1.52	7.78	7.78	7.78	0.38	0.87	± 12.0 %
2000	53.3	1.52	8.00	8.00	8.00	0.22	1.15	± 12.0 %
2100	53.2	1.62	8.23	8.23	8.23	0.41	0.85	± 12.0 %
2300	52.9	1.81	7.84	7.84	7.84	0.40	0.84	± 12.0 %
2450	52.7	1.95	7.79	7.79	7.79	0.31	0.86	± 12.0 %
2600	52.5	2.16	7.49	7.49	7.49	0.26	0.98	± 12.0 %
3500	51.3	3.31	6.86	6.86	6.86	0.25	1.20	± 13.1 %
3700	51.0	3.55	6.60	6.60	6.60	0.26	1.25	± 13.1 %
3900	51.2	3.78	6.69	6.69	6.69	0.26	1.25	± 13.1 %
4600	49.8	4.60	6.50	6.50	6.50	0.28	1.30	± 13.1 %
3500	51.3	3.31	6.46	6.46	6.46	0.20	1.70	± 13.1 %
4950	49.4	5.01	4.99	4.99	4.99	0.50	1.90	± 13.1 %
5200	49.0	5.30	4.84	4.84	4.84	0.50	1.90	± 13.1 %
5250	48.9	5.36	4.76	4.76	4.76	0.50	1.90	± 13.1 %
5300	48.9	5.42	4.63	4.63	4.63	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	4.24	4.24	4.24	0.50	1.90	± 13.1 %

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

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

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

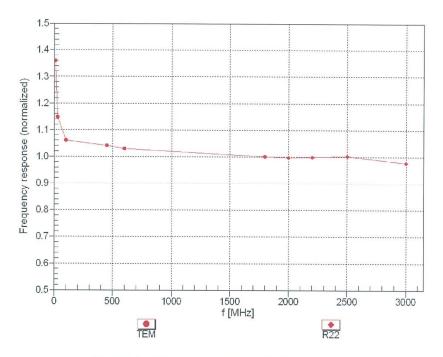
Certificate No: EX3-3617\_Jan19

diameter from the boundary.





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



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

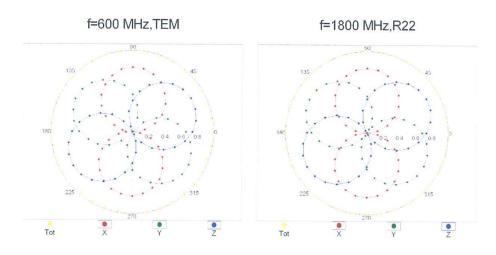
Certificate No: EX3-3617\_Jan19

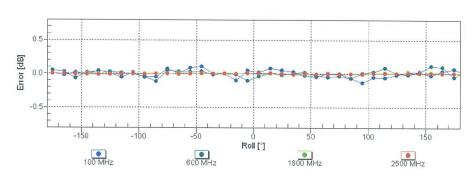
Page 7 of 19





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





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

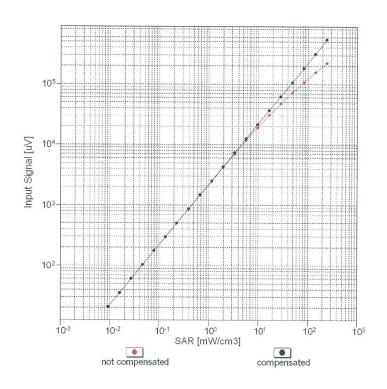
Certificate No: EX3-3617\_Jan19

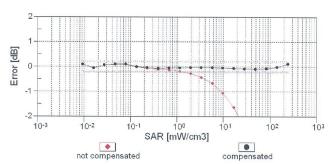
Page 8 of 19





# 





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

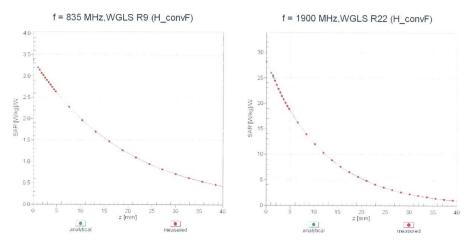
Certificate No: EX3-3617\_Jan19

Page 9 of 19

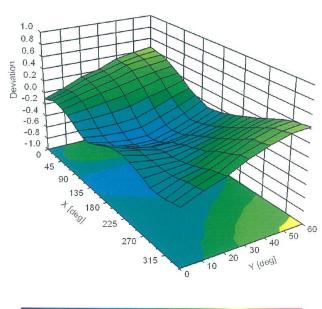




## **Conversion Factor Assessment**



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



-1.0 -0.8 -0.6 -0.4 -0.2 0.0 0.2 0.4 0.6 0.8 1.0
Uncertainty of Spherical Isotropy Assessment: ± 2.6% (k=2)

Certificate No: EX3-3617\_Jan19

Page 10 of 19





## **Appendix: Modulation Calibration Parameters**

10011 10012 10013 10021 10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	CAA CAB CAB CAB DAC DAC DAC DAC DAC DAC DAC CAA CAA CAA	CW SAR Validation (Square, 100ms, 10ms)  UMTS-FDD (WCDMA)  IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps)  IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps)  GSM-FDD (TDMA, GMSK)  GPRS-FDD (TDMA, GMSK, TN 0)  GPRS-FDD (TDMA, GMSK, TN 0-1)  EDGE-FDD (TDMA, BPSK, TN 0-1)  GPRS-FDD (TDMA, BPSK, TN 0-1)  GPRS-FDD (TDMA, GMSK, TN 0-1)  GPRS-FDD (TDMA, GMSK, TN 0-1-2)  GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)  EDGE-FDD (TDMA, BPSK, TN 0-1-2)  IEEE 802.15.1 Bluetooth (GFSK, DH1)  IEEE 802.15.1 Bluetooth (GFSK, DH3)  IEEE 802.15.1 Bluetooth (GFSK, DH5)  IEEE 802.15.1 Bluetooth (GFSK, DH5)	CW Test WCDMA WLAN WLAN GSM	0.00 10.00 2.91 1.87 9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30	(k=2) ±4.7 % ±9.6 %
10011 10012 10013 10021 10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	CAB CAB DAC DAC DAC DAC DAC DAC CAA CAA CAA CAA	UMTS-FDD (WCDMA) IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) GSM-FDD (TDMA, GMSK) GPRS-FDD (TDMA, GMSK, TN 0) GPRS-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, BPSK, TN 0-1) EDGE-FDD (TDMA, BPSK, TN 0-1) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, GMSK, TN 0-1-2) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (GFSK, DH5)	WCDMA WLAN WLAN GSM	2.91 1.87 9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30	± 9.6 % ± 9.6 %
10012 10013 10021 10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	CAB CAB DAC DAC DAC DAC DAC DAC CAA CAA CAA CAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps) IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) GSM-FDD (TDMA, GMSK) GPRS-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, BPSK, TN 0-1) EDGE-FDD (TDMA, BPSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, GMSK, TN 0-1-2) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (FJK-DQPSK, DH1)	WLAN WLAN GSM	1.87 9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10013 10021 10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	CAB DAC DAC DAC DAC DAC DAC DAC DAC CAA CAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps) GSM-FDD (TDMA, GMSK) GPRS-FDD (TDMA, GMSK, TN 0) GPRS-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, 8PSK, TN 0-1) EDGE-FDD (TDMA, 8PSK, TN 0-1) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (FI/4-DQPSK, DH1)	WLAN GSM	9.46 9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10021 10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC DAC DAC DAC DAC DAC DAC CAA CAA	GSM-FDD (TDMA, GMSK) GPRS-FDD (TDMA, GMSK, TN 0) GPRS-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, BPSK, TN 0-1) EDGE-FDD (TDMA, BPSK, TN 0-1) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, BPSK, TN 0-1-2-3) EDGE-FDD (TDMA, BPSK, TN 0-1-2-3) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	GSM GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth Bluetooth	9.39 9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30	±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 % ±9.6 %
10023 10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC DAC DAC DAC CAA CAA CAA CAA	GPRS-FDD (TDMA, GMSK, TN 0) GPRS-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, 8PSK, TN 0) EDGE-FDD (TDMA, 8PSK, TN 0-1) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	GSM GSM GSM GSM GSM GSM GSM GSM Bluetooth Bluetooth	9.57 6.56 12.62 9.55 4.80 3.55 7.78 5.30	± 9.6 % ± 9.6 %
10024 10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC DAC DAC DAC CAA CAA CAA CAA CAA	GPRS-FDD (TDMA, GMSK, TN 0-1) EDGE-FDD (TDMA, 8PSK, TN 0) EDGE-FDD (TDMA, 8PSK, TN 0-1) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (GFSK, DH5)	GSM GSM GSM GSM GSM GSM Bluetooth Bluetooth	6.56 12.62 9.55 4.80 3.55 7.78 5.30	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10025 10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC DAC DAC CAA CAA CAA CAA CAA CAA	EDGE-FDD (TDMA, 8PSK, TN 0)  EDGE-FDD (TDMA, 8PSK, TN 0-1)  GPRS-FDD (TDMA, GMSK, TN 0-1-2)  GPRS-FDD (TDMA, GMSK, TN 0-1-2-3)  EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)  IEEE 802.15.1 Bluetooth (GFSK, DH1)  IEEE 802.15.1 Bluetooth (GFSK, DH3)  IEEE 802.15.1 Bluetooth (GFSK, DH5)  IEEE 802.15.1 Bluetooth (GFSK, DH5)	GSM GSM GSM GSM GSM Bluetooth Bluetooth	12.62 9.55 4.80 3.55 7.78 5.30	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10026 10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC DAC CAA CAA CAA CAA CAA CAA	EDGE-FDD (TDMA, 8PSK, TN 0-1) GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) EEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (GFSK, DH5)	GSM GSM GSM GSM Bluetooth Bluetooth	9.55 4.80 3.55 7.78 5.30	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10027 10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC CAA CAA CAA CAA CAA CAA	GPRS-FDD (TDMA, GMSK, TN 0-1-2) GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	GSM GSM GSM Bluetooth Bluetooth	4.80 3.55 7.78 5.30	± 9.6 % ± 9.6 % ± 9.6 % ± 9.6 %
10028 10029 10030 10031 10032 10033 10034 10035 10036	DAC DAC CAA CAA CAA CAA CAA	GPRS-FDD (TDMA, GMSK, TN 0-1-2-3) EDGE-FDD (TDMA, 8PSK, TN 0-1-2) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	GSM GSM Bluetooth Bluetooth	3.55 7.78 5.30	± 9.6 % ± 9.6 % ± 9.6 %
10029 10030 10031 10032 10033 10034 10035 10036	DAC CAA CAA CAA CAA CAA	EDGE-FDD (TDMA, 8PSK, TN 0-1-2) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	GSM Bluetooth Bluetooth	7.78 5.30	± 9.6 % ± 9.6 %
10030 10031 10032 10033 10034 10035 10036	CAA CAA CAA CAA CAA	EDGE-FDD (TDMA, 8PSK, TN 0-1-2) IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	GSM Bluetooth Bluetooth	7.78 5.30	± 9.6 % ± 9.6 %
10031 10032 10033 10034 10035 10036	CAA CAA CAA CAA	IEEE 802.15.1 Bluetooth (GFSK, DH1) IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth	5.30	± 9.6 %
10031 10032 10033 10034 10035 10036	CAA CAA CAA CAA	IEEE 802.15.1 Bluetooth (GFSK, DH3) IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)	Bluetooth		
10032 10033 10034 10035 10036	CAA CAA CAA	IEEE 802.15.1 Bluetooth (GFSK, DH5) IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)			I 7.0 %
10033 10034 10035 10036	CAA CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH1)		1.16	± 9.6 %
10034 10035 10036	CAA CAA		Bluetooth	7.74	± 9.6 %
10035 10036	CAA	IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH3)	Bluetooth	4.53	± 9.6 %
10036		IEEE 802.15.1 Bluetooth (PI/4-DQPSK, DH5)	Bluetooth	3.83	± 9.6 %
	OIVI	IEEE 802.15.1 Bluetooth (8-DPSK, DH1)	Bluetooth	8.01	± 9.6 %
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH3)	Bluetooth	4.77	± 9.6 %
	CAA	IEEE 802.15.1 Bluetooth (8-DPSK, DH5)	Bluetooth	4.10	± 9.6 %
	CAB	CDMA2000 (1xRTT, RC1)	CDMA2000	4.57	± 9.6 %
	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Halfrate)	AMPS	7.78	± 9.6 %
	CAA	IS-91/EIA/TIA-553 FDD (FDMA, FM)	AMPS	0.00	± 9.6 %
	CAA	DECT (TDD, TDMA/FDM, GFSK, Full Slot, 24)	DECT	13.80	± 9.6 %
		DECT (TDD, TDMA/FDM, GFSK, Double Slot, 12)	DECT	10.79	± 9.6 %
	CAA	UMTS-TDD (TD-SCDMA, 1.28 Mcps)	TD-SCDMA	11.01	± 9.6 %
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-1-2-3)	GSM	6.52	± 9.6 %
	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 2 Mbps)	WLAN	2.12	± 9.6 %
	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 5.5 Mbps)	WLAN	2.83	± 9.6 %
	CAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 11 Mbps)	WLAN	3.60	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps)	WLAN	8.68	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 9 Mbps)	WLAN	8.63	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 12 Mbps)	WLAN	9.09	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 18 Mbps)	WLAN	9.00	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 24 Mbps)	WLAN	9.38	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 36 Mbps)	WLAN	10.12	± 9.6 %
	CAC	IEEE 802.11a/h WiFi 5 GHz (OFDM, 48 Mbps)	WLAN	10.24	± 9.6 %
	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 %
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 12 Mbps)	WLAN	9.62	± 9.6 %
	CAB	IEEE 802.11g WiFi 2.4 GHz (DSSS/OFDM, 18 Mbps)	WLAN	9.94	± 9.6 %
	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 %
	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 %
	CAB	CDMA2000 (1xRTT, RC3)	CDMA2000	3.97	± 9.6 %
	CAB	IS-54 / IS-136 FDD (TDMA/FDM, PI/4-DQPSK, Fullrate)	AMPS	4.77	± 9.6 %
	DAC	GPRS-FDD (TDMA, GMSK, TN 0-4)	GSM	6.56	± 9.6 %
	CAB	UMTS-FDD (HSDPA)	WCDMA	3.98	± 9.6 %
	CAB	UMTS-FDD (HSUPA, Subtest 2)	WCDMA	3.98	± 9.6 %
	DAC	EDGE-FDD (TDMA, 8PSK, TN 0-4)	GSM	9.55	± 9.6 %
	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-FDD	5.67	± 9.6 %
	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-FDD	6.42	± 9.6 %
	CAE	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, QPSK)	LTE-TDD	9.29	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 16-QAM)	LTE-TDD	9.97	± 9.6 %
	CAG	LTE-TDD (SC-FDMA, 100% RB, 20 MHz, 10-QAM)	LTE-TDD	10.01	± 9.6 %
	CAG	LTE-FDD (SC-FDMA, 100% RB, 20 MHz, 04-QAM)	LTE-FDD	5.80	± 9.6 %

Certificate No: EX3-3617\_Jan19 Page 11 of 19





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 10151	CAE	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
		LTE-TDD (SC-FDMA, 50% RB, 20 MHz, QPSK)	LTE-TDD	9.28	± 9.6 %
10152 10153	CAG	LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 16-QAM)  LTE-TDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-TDD	9.92	± 9.6 %
10153	CAG	LTE-FDD (SC-FDMA, 50% RB, 20 MHz, 64-QAM)	LTE-FDD	5.75	± 9.6 % ± 9.6 %
10155	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10156	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, QPSK)	LTE-FDD	5.79	± 9.6 %
10157	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)	LTE-FDD	6.49	± 9.6 %
10158	CAG	LTE-FDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-FDD	6.62	± 9.6 %
10159	CAG	LTE-FDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)	LTE-FDD	6.56	± 9.6 %
10160	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, QPSK)	LTE-FDD	5.82	± 9.6 %
10161	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)	LTE-FDD	6.43	± 9.6 %
10162	CAE	LTE-FDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-FDD	6.58	± 9.6 %
10166	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)	LTE-FDD	5.46	± 9.6 %
10167	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.21	± 9.6 %
10168	CAF	LTE-FDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.79	± 9.6 %
10169	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10170	CAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10171	AAE	LTE-FDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-FDD	6.49	± 9.6 %
10172	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK)	LTE-TDD	9.21	± 9.6 %
10173	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10174	CAG	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10175	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, QPSK)	LTE-FDD	5.72	± 9.6 %
10176	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10177	CAI	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10178	CAG	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10179	CAG	LTE-FDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10180	CAE	LTE-FDD (SC-FDMA, 1 RB, 5 MHz, 64-QAM) LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	The Committee of the Co	6.50	± 9.6 %
10181	CAE	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, QPSK)	LTE-FDD LTE-FDD	5.72	± 9.6 %
10183	AAD	LTE-FDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-FDD	6.52 6.50	± 9.6 %
10184	CAE	LTE-FDD (SC-FDMA, 1 RB, 13 MHz, 64-QAM)	LTE-FDD	5.73	± 9.6 %
10185	CAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 16-QAM)	LTE-FDD	6.51	± 9.6 %
10186	AAE	LTE-FDD (SC-FDMA, 1 RB, 3 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10187	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, QPSK)	LTE-FDD	5.73	± 9.6 %
10188	CAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 16-QAM)	LTE-FDD	6.52	± 9.6 %
10189	AAF	LTE-FDD (SC-FDMA, 1 RB, 1.4 MHz, 64-QAM)	LTE-FDD	6.50	± 9.6 %
10193	CAC	IEEE 802.11n (HT Greenfield, 6.5 Mbps, BPSK)	WLAN	8.09	± 9.6 %
10194	CAC	IEEE 802.11n (HT Greenfield, 39 Mbps, 16-QAM)	WLAN	8.12	± 9.6 %
10195	CAC	IEEE 802.11n (HT Greenfield, 65 Mbps, 64-QAM)	WLAN	8.21	± 9.6 %
10196	CAC	IEEE 802.11n (HT Mixed, 6.5 Mbps, BPSK)	WLAN	8.10	± 9.6 %
10197	CAC	IEEE 802.11n (HT Mixed, 39 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10198	CAC	IEEE 802.11n (HT Mixed, 65 Mbps, 64-QAM)	WLAN	8.27	± 9.6 %
10219	CAC	IEEE 802.11n (HT Mixed, 7.2 Mbps, BPSK)	WLAN	8.03	± 9.6 %

Certificate No: EX3-3617\_Jan19 Page 12 of 19





10221 CAC IEEE 802.11n (HI Mosed, 35) Mbps, BF-GAMM) WLAN 8.77 ±3.6 % 10222 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.77 ±3.6 % 10222 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.67 ±3.6 % 10223 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.68 ±3.6 % 10223 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.68 ±3.6 % 10223 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.68 ±3.6 % 10223 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.68 ±3.6 % 10223 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.68 ±3.6 % 10223 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.68 ±3.6 % 10222 CAC IEEE 802.11n (HI Mosed, 36 Mbps, BF-SK) WLAN 8.69 ±3.6 % 10222 CAC IEEE 100 CF-PDMA 1 RB 1.4 MHz, GF-CAMM) LITE-TDD 9.49 ±3.6 % 10228 CAC IEE-TDD (SC-FDMA, 1 RB, 1 4 MHz, GF-CAMM) LITE-TDD 9.49 ±3.6 % 10228 CAC IEE-TDD (SC-FDMA, 1 RB, 1 4 MHz, GF-CAMM) LITE-TDD 9.48 ±3.9 % 10229 CAC LITE-TDD (SC-FDMA, 1 RB, 3 MHz, GF-CAMM) LITE-TDD 9.48 ±3.9 % 10231 CAC LITE-TDD (SC-FDMA, 1 RB, 3 MHz, GF-CAMM) LITE-TDD 9.48 ±3.9 % 10231 CAC LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.19 ±3.6 % 10232 CAF LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.19 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 5 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 10233 CAF LITE-TDD (SC-FDMA, 1 RB, 1 MHz, GF-CAMM) LITE-TDD 9.48 ±3.6 % 1023						
10222   CAC   IEEE 802.11n (HT Mixed, 15 Mips, BF9K)	10220	CAC	IEEE 802.11n (HT Mixed, 43.3 Mbps, 16-QAM)	WLAN	8.13	± 9.6 %
10223   CAC   IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	10221	CAC	IEEE 802.11n (HT Mixed, 72.2 Mbps, 64-QAM)	WLAN		
10224   CAC   IEEE 802.11n (HT Mixed, 150 Mbps, 64-CAM)   WCDMA   5.97   8.9 %   10225   CAA   LTE-TDD (DISPA*)   WCDMA   5.97   8.9 %   10226   CAA   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 16-CAM)   LTE-TDD   9.49   ± 9.8 %   10227   CAA   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0-FSK)   LTE-TDD   9.22   ± 9.6 %   10228   CAA   LTE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 0-FSK)   LTE-TDD   9.22   ± 9.6 %   10230   CAC   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-CAM)   LTE-TDD   10.25   ± 9.6 %   10230   CAC   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-CAM)   LTE-TDD   10.25   ± 9.6 %   10231   CAC   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 0-CAM)   LTE-TDD   10.25   ± 9.6 %   10232   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-CAM)   LTE-TDD   9.48   ± 9.6 %   10232   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-CAM)   LTE-TDD   9.48   ± 9.6 %   10233   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-CAM)   LTE-TDD   9.21   ± 9.6 %   10234   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-CAM)   LTE-TDD   9.21   ± 9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 0-CAM)   LTE-TDD   9.21   ± 9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-CAM)   LTE-TDD   9.21   ± 9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-CAM)   LTE-TDD   9.25   ± 9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-CAM)   LTE-TDD   9.25   ± 9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0-CAM)   LTE-TDD   9.25   ± 9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-CAM)   LTE-TDD   9.25   ± 9.6 %   10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-CAM)   LTE-TDD   9.21   ± 9.6 %   10234   CAA   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-CAM)   LTE-TDD   9.25   ± 9.6 %   10234   CAA   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 0-CAM)   LTE-TDD   9.21   ± 9.6 %   10234   CAA   LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 0-CAM)   LTE-TDD   9.26   5.6 %   10234   CAA   LTE-TDD (SC-FDMA, 50% RB, 1 A MHz, 0-CAM)   LTE-TDD   9.26   9.6 %   10234   CAA   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-CAM)   LTE-TDD   9.26   9.6 %   10234   CAA   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0-CAM)   LTE-TDD   9.26   9.6 %   10234   CAA   LTE-TD	10222	CAC	IEEE 802.11n (HT Mixed, 15 Mbps, BPSK)	WLAN	8.06	± 9.6 %
10225   CAB	10223	CAC	IEEE 802.11n (HT Mixed, 90 Mbps, 16-QAM)	WLAN	8.48	± 9.6 %
10225   CAB	10224	CAC	IEEE 802.11n (HT Mixed, 150 Mbps, 64-QAM)	WLAN	8.08	± 9.6 %
1022F   CAA   ITE-TDD (SC-FDMA, 1 RB, 1.4 MHz, 6-CAM)		CAB		WCDMA	5.97	
10228   CAA						
10228   GAA   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 16-GAM)   LTE-TDD   9.22   ± 9.6 %   10230   GAC   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-GAM)   LTE-TDD   10.25   ± 9.6 %   10231   GAC   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-GAM)   LTE-TDD   10.25   ± 9.6 %   10232   GAF   LTE-TDD (SC-FDMA, 1 RB, 3 MHz, 64-GAM)   LTE-TDD   9.48   ± 9.6 %   10232   GAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-GAM)   LTE-TDD   9.48   ± 9.6 %   10233   GAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-GAM)   LTE-TDD   9.48   ± 9.6 %   10233   GAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-GAM)   LTE-TDD   9.21   ± 9.6 %   10236   GAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-GAM)   LTE-TDD   9.21   ± 9.6 %   10236   GAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-GAM)   LTE-TDD   9.21   ± 9.6 %   10236   GAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-GAM)   LTE-TDD   10.25   ± 9.6 %   10236   GAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-GAM)   LTE-TDD   10.25   ± 9.6 %   10237   GAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-GAM)   LTE-TDD   9.48   ± 9.6 %   10238   GAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-GAM)   LTE-TDD   9.48   ± 9.6 %   10239   GAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-GAM)   LTE-TDD   9.21   ± 9.6 %   10240   GAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-GAM)   LTE-TDD   9.21   ± 9.6 %   10241   GAA   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 2 GPSK)   LTE-TDD   9.21   ± 9.6 %   10242   GAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-GAM)   LTE-TDD   9.21   ± 9.6 %   10242   GAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 2 GPSK)   LTE-TDD   9.86   ± 9.6 %   10243   GAA   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-GAM)   LTE-TDD   9.86   ± 9.6 %   10244   GAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-GAM)   LTE-TDD   9.06   ± 9.6 %   10245   GAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-GAM)   LTE-TDD   10.06   ± 9.6 %   10245   GAF   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-GAM)   LTE-TDD   10.06   ± 9.6 %   10246   GAF   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-GAM)   LTE-TDD   10.06   ± 9.6 %   10246   GAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 6-GAM)   LTE-TDD   9.90   ± 9.6 %   10246   GAF   LTE-TDD (SC-FDMA, 50% RB, 10						
10229   CAC   LTE-TDD   (SC-FDMA, 1 RR, 3 MHz, 16-CAM)   LTE-TDD   9.48   9.6 %   10231   CAC   LTE-TDD   (SC-FDMA, 1 RR, 3 MHz, CPSK)   LTE-TDD   9.19   9.9 %   10232   CAC   LTE-TDD   (SC-FDMA, 1 RR, 5 MHz, 16-CAM)   LTE-TDD   9.19   9.48   9.6 %   10233   CAF   LTE-TDD   (SC-FDMA, 1 RR, 5 MHz, 64-CAM)   LTE-TDD   10.25   9.6 %   10233   CAF   LTE-TDD   (SC-FDMA, 1 RR, 5 MHz, 64-CAM)   LTE-TDD   10.25   2.9 6 %   10234   CAF   LTE-TDD   (SC-FDMA, 1 RR, 5 MHz, 64-CAM)   LTE-TDD   10.25   2.9 6 %   10235   CAF   LTE-TDD   (SC-FDMA, 1 RR, 5 MHz, 64-CAM)   LTE-TDD   9.48   2.9 6 %   10236   CAF   LTE-TDD   (SC-FDMA, 1 RR, 1 MHz, 64-CAM)   LTE-TDD   9.48   2.9 6 %   10237   CAF   LTE-TDD   (SC-FDMA, 1 RR, 1 MHz, 64-CAM)   LTE-TDD   9.48   2.9 6 %   10238   CAF   LTE-TDD   (SC-FDMA, 1 RR, 1 MHz, 64-CAM)   LTE-TDD   9.48   2.9 6 %   10239   CAF   LTE-TDD   (SC-FDMA, 1 RR, 1 MHz, 64-CAM)   LTE-TDD   9.21   2.9 6 %   10239   CAF   LTE-TDD   (SC-FDMA, 1 RR, 1 MHz, 64-CAM)   LTE-TDD   9.21   2.9 6 %   10240   CAF   LTE-TDD   (SC-FDMA, 1 RR, 1 MHz, 64-CAM)   LTE-TDD   9.21   2.9 6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RR, 1.4 MHz, 64-CAM)   LTE-TDD   9.21   2.9 6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RR, 1.4 MHz, 64-CAM)   LTE-TDD   9.82   2.9 6 %   10244   CAA   LTE-TDD   (SC-FDMA, 50% RR, 1.4 MHz, 64-CAM)   LTE-TDD   9.82   2.9 6 %   10244   CAG   LTE-TDD   (SC-FDMA, 50% RR, 1.4 MHz, 64-CAM)   LTE-TDD   9.86   2.9 6 %   10244   CAG   LTE-TDD   (SC-FDMA, 50% RR, 1.4 MHz, 64-CAM)   LTE-TDD   9.86   2.9 6 %   10244   CAG   LTE-TDD   SC-FDMA, 50% RR, 3 MHz, 64-CAM)   LTE-TDD   10.06   2.9 6 %   10246   CAG   LTE-TDD   SC-FDMA, 50% RR, 3 MHz, 64-CAM)   LTE-TDD   10.06   2.9 6 %   10246   CAG   LTE-TDD   SC-FDMA, 50% RR, 3 MHz, 64-CAM)   LTE-TDD   10.06   2.9 6 %   10246   CAG   LTE-TDD   SC-FDMA, 50% RR, 5 MHz, 64-CAM)   LTE-TDD   10.06   2.9 6 %   10246   CAG   LTE-TDD   SC-FDMA, 50% RR, 5 MHz, 64-CAM)   LTE-TDD   9.80   2.9 6 %   10246   CAG   LTE-TDD   SC-FDMA, 50% RR, 5 MHz, 64-CAM)   LTE-TDD   9.80   2.9 6 %						
10230						
10231   CAC   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-OAM)   LTE-TDD   9,48   9,6 %   10233   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-TDD   10,25   9,6 %   10234   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-TDD   10,25   19,6 %   10235   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 64-OAM)   LTE-TDD   9,48   2,9 6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-OAM)   LTE-TDD   9,48   2,9 6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-OAM)   LTE-TDD   9,48   2,9 6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0 PSK)   LTE-TDD   10,25   2,9 6 %   10,237   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0 PSK)   LTE-TDD   9,48   2,9 6 %   10,238   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 0 PSK)   LTE-TDD   9,48   2,9 6 %   10,239   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-TDD   9,48   2,9 6 %   10,240   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-TDD   9,45   2,9 6 %   10,240   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-OAM)   LTE-TDD   9,21   2,9 6 %   10,241   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM)   LTE-TDD   9,21   2,9 6 %   10,242   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-OAM)   LTE-TDD   9,86   2,9 6 %   10,244   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM)   LTE-TDD   9,86   2,9 6 %   10,244   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 0 PSK)   LTE-TDD   9,86   2,9 6 %   10,244   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-OAM)   LTE-TDD   10,06   2,9 6 %   10,245   CAC   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   9,30   2,9 6 %   10,246   CAC   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   9,30   2,9 6 %   10,246   CAC   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   9,29   2,9 6 %   10,246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   10,06   2,9 6 %   10,246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   9,29   2,9 6 %   10,246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   9,24   2,9 6 %   10,246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 0 PSK)   LTE-TDD   9,24   2,9 6 %   10,255   CAF   LTE-TDD (SC-FDMA, 5						
10233   CAF   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, 6-QAM)   LTE-TDD   9.48   9.6 %   10234   CAF   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, 6-QAM)   LTE-TDD   9.21   2.9.6 %   10235   CAF   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 1-QAM)   LTE-TDD   9.21   2.9.6 %   10236   CAF   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 1-QAM)   LTE-TDD   10.25   2.9.6 %   10236   CAF   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   10.25   2.9.6 %   10237   CAF   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   10.25   2.9.6 %   10238   CAF   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   9.21   2.9.6 %   10239   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   9.48   2.9.6 %   10239   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   10.25   2.9.6 %   10240   CAA   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 2 GPSK)   LTE-TDD   9.21   2.9.6 %   10241   CAA   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 2 GPSK)   LTE-TDD   9.82   2.9.6 %   10241   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.82   2.9.6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.82   2.9.6 %   10243   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, GPSK)   LTE-TDD   9.46   2.9.6 %   10244   CAA   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.46   2.9.6 %   10245   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.46   2.9.6 %   10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.09   2.9.6 %   10249   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.09   2.9.6 %   10249   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.17   2.9.6 %   10250   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.90   2.9.6 %   10250   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.91   2.9.6 %   10255   CAF   LTE-TDD   (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.						
10233   CAF   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, 0-PSK)   LTE-TDD   921   9,8 %   10235   CAF   LTE-TDD   (SC-FDMA, 1 RB, 5 MHz, 0-PSK)   LTE-TDD   9,48   9,6 %   10236   CAF   LTE-TDD   (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9,48   9,6 %   10236   CAF   LTE-TDD   SC-FDMA, 1 RB, 10 MHz, 0-QSK)   LTE-TDD   10,25   2,9 6 %   10237   CAF   LTE-TDD   SC-FDMA, 1 RB, 10 MHz, 0-QSK)   LTE-TDD   10,25   2,9 6 %   10236   CAF   LTE-TDD   SC-FDMA, 1 RB, 10 MHz, 0-QSK)   LTE-TDD   10,25   2,9 6 %   10236   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 0-QSK)   LTE-TDD   10,25   2,9 6 %   10239   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 0-QSK)   LTE-TDD   10,25   2,9 6 %   10240   CAA   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 0-QSK)   LTE-TDD   10,25   2,9 6 %   10240   CAA   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 0-QSK)   LTE-TDD   9,22   2,9 6 %   10241   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1 A MHz, 16-QAM)   LTE-TDD   9,26   2,9 6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1 A MHz, 0-CAM)   LTE-TDD   9,46   2,9 6 %   10244   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1 A MHz, 0-CAM)   LTE-TDD   9,46   2,9 6 %   10244   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 0-QAM)   LTE-TDD   9,66   2,9 6 %   10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 0-QAM)   LTE-TDD   10,06   2,9 6 %   10246   CAC   LTE-TDD   SC-FDMA, 50% RB, 3 MHz, 0-QAM)   LTE-TDD   10,06   2,9 6 %   10246   CAC   LTE-TDD   SC-FDMA, 50% RB, 3 MHz, 0-QAM)   LTE-TDD   10,06   2,9 6 %   10246   CAC   LTE-TDD   SC-FDMA, 50% RB, 5 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10246   CAC   LTE-TDD   SC-FDMA, 50% RB, 5 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10246   CAF   LTE-TDD   SC-FDMA, 50% RB, 5 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10245   CAF   LTE-TDD   SC-FDMA, 50% RB, 5 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10246   CAF   LTE-TDD   SC-FDMA, 50% RB, 10 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10246   CAF   LTE-TDD   SC-FDMA, 50% RB, 10 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10246   CAF   LTE-TDD   SC-FDMA, 50% RB, 10 MHz, 0-QAM)   LTE-TDD   10,09   2,9 6 %   10246						
10234   CAF   LTE-TDD (SC-FDMA, 1 RB, 5 MHz, 16-QAM)   LTE-TDD   9.21   9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 16-QAM)   LTE-TDD   9.28   9.6 %   10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   10.25   2.9.6 %   10237   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)   LTE-TDD   9.21   2.9.6 %   10238   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   9.21   2.9.6 %   10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   0.25   2.9.6 %   10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   0.25   2.9.6 %   10240   CAA   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   0.22   2.9.6 %   10241   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.21   2.9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86   2.9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86   2.9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   0.06   2.9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.10   2.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.20   2.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.20   2.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.20   2.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.20   2.9.6 %   10255   CAF   LTE-TDD (SC-FDMA						
10235   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 46-QAM)   LTE-TDD   9.8   9.6 %   10237   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)   LTE-TDD   9.21   2.9.6 %   10237   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)   LTE-TDD   9.21   2.9.6 %   10238   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)   LTE-TDD   10.25   2.9.6 %   10240   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)   LTE-TDD   10.25   2.9.6 %   10240   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   10.25   2.9.6 %   10240   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)   LTE-TDD   9.21   2.9.6 %   10242   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)   LTE-TDD   9.82   2.9.6 %   10242   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD   9.86   9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD   9.86   9.6 %   10244   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-TDD   10.06   2.9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-TDD   10.06   2.9.6 %   10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD   10.06   2.9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD   10.06   2.9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD   10.06   2.9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   10.06   2.9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   10.09   2.9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   10.09   2.9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   10.09   2.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD   10.09   2.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)   LTE-TDD   9.20   2.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK)   LTE-TDD   9.20   2.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK)   LTE-TDD   9.90   2.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK)   LTE-TDD   9.90   2.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10						
10236   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)   LTE-TDD   921   1.9.6 %   10238   CAF   LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK)   LTE-TDD   9.21   1.9.6 %   10238   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-OAM)   LTE-TDD   9.48   1.9.6 %   10239   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-OAM)   LTE-TDD   10.25   1.9.6 %   10240   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.21   1.9.6 %   10241   CAA   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.21   1.9.6 %   10242   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD   9.26   1.9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-OAM)   LTE-TDD   9.86   1.9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, G4-OAM)   LTE-TDD   9.86   1.9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD   9.46   1.9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, G4-OAM)   LTE-TDD   10.06   1.9.6 %   10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD   10.06   1.9.6 %   10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   10.06   1.9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GPSK)   LTE-TDD   10.06   1.9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, G4-OAM)   LTE-TDD   10.06   1.9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, G4-OAM)   LTE-TDD   10.09   1.9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, G4-OAM)   LTE-TDD   10.09   1.9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, G4-OAM)   LTE-TDD   10.09   1.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-OAM)   LTE-TDD   10.09   1.9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-OAM)   LTE-TDD   10.09   1.9.6 %   10251   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-OAM)   LTE-TDD   10.11   1.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, G4-OAM)   LTE-TDD   10.11   1.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-OAM)   LTE-TDD   10.11   1.9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, G4-OAM)   LTE-TDD   10.11   1.9.6 %   10255   CAF   LTE-TDD (S						
10237   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 6-QAM)   LTE-TDD   9.21   ±9.6 %   10238   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 6-QAM)   LTE-TDD   9.48   ±9.6 %   10240   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.22   ±9.6 %   10240   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, QPSK)   LTE-TDD   9.22   ±9.6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 16-QAM)   LTE-TDD   9.82   ±9.6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 6-QAM)   LTE-TDD   9.82   ±9.6 %   10242   CAA   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 6-QAM)   LTE-TDD   9.86   ±9.6 %   10244   CAC   LTE-TDD   (SC-FDMA, 50% RB, 1.4 MHz, 6-QAM)   LTE-TDD   9.46   ±9.6 %   10244   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-TDD   9.46   ±9.6 %   10245   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ±9.6 %   10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ±9.6 %   10246   CAC   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.06   ±9.6 %   10247   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   10.09   ±9.6 %   10249   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   10.09   ±9.6 %   10250   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 04-QAM)   LTE-TDD   10.09   ±9.6 %   10251   CAF   LTE-TDD   (SC-FDMA, 50% RB, 5 MHz, 04-QAM)   LTE-TDD   10.09   ±9.6 %   10251   CAF   LTE-TDD   (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD   9.91   ±9.6 %   10252   CAF   LTE-TDD   (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD   9.91   ±9.6 %   10253   CAF   LTE-TDD   (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD   9.91   ±9.6 %   10252   CAF   LTE-TDD   (SC-FDMA, 50% RB, 16 MHz, 16-QAM)   LTE-TDD   9.91   ±9.6 %   10252   CAF   LTE-TDD   (SC-FDMA, 50% RB, 16 MHz, 16-QAM)   LTE-TDD   9.90   ±9.6 %   10253   CAF   LTE-TDD   (SC-FDMA, 50% RB, 16 MHz, 16-QAM)   LTE-TDD   9.90   ±9.6 %   10253   CAF   LTE-TDD   SC-FDMA, 100% RB, 16 MHz, 16-QAM)   LTE-TDD   9.90   ±9.						
10238   CAF   LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	10236	CAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10239   CAF   LTE-TDD   (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	10237	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, 64-QAM)	10238	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 16-QAM)	LTE-TDD	9.48	± 9.6 %
10240   CAF   LTE-TDD (SC-FDMA, 50% RB, 14 MHz, GE-QAM)   LTE-TDD   9.21   ± 9.6 %   10241   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GE-QAM)   LTE-TDD   9.82   ± 9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, GE-QAM)   LTE-TDD   9.86   ± 9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD   9.46   ± 9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GE-QAM)   LTE-TDD   10.06   ± 9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GE-QAM)   LTE-TDD   10.06   ± 9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GE-QAM)   LTE-TDD   10.06   ± 9.6 %   10247   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, GE-QAM)   LTE-TDD   9.30   ± 9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GE-QAM)   LTE-TDD   9.91   ± 9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GE-QAM)   LTE-TDD   9.91   ± 9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GE-QAM)   LTE-TDD   9.91   ± 9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, GE-QAM)   LTE-TDD   9.29   ± 9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GE-QAM)   LTE-TDD   9.81   ± 9.6 %   10251   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GE-QAM)   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   10.17   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GE-QAM)   LTE-TDD   10.17   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GE-QAM)   LTE-TDD   9.24   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, GE-QAM)   LTE-TDD   9.20   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GE-QAM)   LTE-TDD   9.20   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK)   LTE-TDD   9.20   ± 9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GE-QAM)   LTE-TDD   9.20   ± 9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GE-QAM)   LTE-TDD   9.20   ± 9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK)   LTE-TDD   9.24   ± 9.6 %   10256	10239	CAF	LTE-TDD (SC-FDMA, 1 RB, 15 MHz, 64-QAM)	LTE-TDD	10.25	± 9.6 %
10241   CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, 16-QAM)   LTE-TDD   9.82   ± 9.6 %   10242   CAA LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QFSK)   LTE-TDD   9.86   ± 9.6 %   10244   CAC LTE-TDD (SC-FDMA, 50% RB, 14 MHz, QFSK)   LTE-TDD   10.06   ± 9.6 %   10244   CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-TDD   10.06   ± 9.6 %   10246   CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ± 9.6 %   10246   CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ± 9.6 %   10246   CAC LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   9.30   ± 9.6 %   10247   CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 164-QAM)   LTE-TDD   9.10   ± 9.6 %   10248   CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 164-QAM)   LTE-TDD   10.09   ± 9.6 %   10249   CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 164-QAM)   LTE-TDD   10.09   ± 9.6 %   10249   CAF LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 164-QAM)   LTE-TDD   9.29   ± 9.6 %   10250   CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 164-QAM)   LTE-TDD   9.21   ± 9.6 %   10251   CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 164-QAM)   LTE-TDD   9.21   ± 9.6 %   10252   CAF LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 264-QAM)   LTE-TDD   9.24   ± 9.6 %   10253   CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 164-QAM)   LTE-TDD   9.90   ± 9.6 %   10254   CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ± 9.6 %   10255   CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ± 9.6 %   10255   CAF LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)   LTE-TDD   9.90   ± 9.6 %   10255   CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)   LTE-TDD   9.90   ± 9.6 %   10255   CAF LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAA LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 16-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAA LTE-TDD (SC-FDMA, 100% RB, 30 MHz, QPSK)   LTE-TDD   9.90   ± 9.6 %   10256   CAF LTE-TDD (SC-FDMA, 100% RB, 30 MHz,				LTE-TDD	9.21	± 9.6 %
10242   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, 64-QAM)   LTE-TDD   9.86   ±9.6 %   10243   CAA   LTE-TDD (SC-FDMA, 50% RB, 1.4 MHz, QPSK)   LTE-TDD   9.46   ±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, 64-QAM)   LTE-TDD   10.06   ±9.6 %   10247   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD   9.30   ±9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, CPSK)   LTE-TDD   9.91   ±9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, CPSK)   LTE-TDD   9.91   ±9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, CPSK)   LTE-TDD   9.91   ±9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, CPSK)   LTE-TDD   9.92   ±9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, CPSK)   LTE-TDD   9.29   ±9.6 %   10251   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, CPSK)   LTE-TDD   9.21   ±9.6 %   10252   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, CPSK)   LTE-TDD   9.81   ±9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, CPSK)   LTE-TDD   9.24   ±9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, CPSK)   LTE-TDD   9.94   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, CPSK)   LTE-TDD   9.90   ±9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, CPSK)   LTE-TDD   10.14   ±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   10.14   ±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   9.90   ±9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK)   LTE-TDD   9.90   ±9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, GPSK)   LTE-TDD   9.90   ±9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)   LTE-TDD   9.90   ±9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK)   LTE-TDD   9.90   ±9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 10 MHz, GPSK)   LTE-TDD						
10243						
10244   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ± 9.6 %   10245   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)   LTE-TDD   10.06   ± 9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD   9.30   ± 9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD   9.91   ± 9.6 %   10248   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 40-QAM)   LTE-TDD   9.91   ± 9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   9.29   ± 9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, QPSK)   LTE-TDD   9.29   ± 9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD   9.81   ± 9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, QPSK)   LTE-TDD   9.11   ± 9.6 %   10252   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)   LTE-TDD   9.24   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 16-QAM)   LTE-TDD   9.24   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 2 (64-QAM)   LTE-TDD   9.24   ± 9.6 %   10255   CAF   LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 2 (64-QAM)   LTE-TDD   9.20   ± 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, 14 MHz, QPSK)   LTE-TDD   9.20   ± 9.6 %   10256   CAA   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   9.20   ± 9.6 %   10256   CAA   LTE-TDD (SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   9.96   ± 9.6 %   10256   CAA   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)   LTE-TDD   9.96   ± 9.6 %   10256   CAA   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, QPSK)   LTE-TDD   9.97   ± 9.6 %   10256   CAC   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.98   ± 9.6 %   10256   CAC   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.99   ± 9.6 %   10256   CAC   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, 64-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAF   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, 64-QAM)   LTE-TDD   9.90   ± 9.6 %   10256   CAF   LTE-T						
10245						
10246   CAC   LTE-TDD (SC-FDMA, 50% RB, 3 MHz, QPSK)   LTE-TDD   9.0   ± 9.6 %   10247   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 16-QAM)   LTE-TDD   10.09   ± 9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)   LTE-TDD   9.29   ± 9.6 %   10249   CAF   LTE-TDD (SC-FDMA, 50% RB, 5 MHz, QPSK)   LTE-TDD   9.29   ± 9.6 %   10250   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)   LTE-TDD   9.81   ± 9.6 %   10251   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, G4-QAM)   LTE-TDD   10.17   ± 9.6 %   10252   CAF   LTE-TDD (SC-FDMA, 50% RB, 10 MHz, GPSK)   LTE-TDD   9.84   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 16 MHz, GPSK)   LTE-TDD   9.24   ± 9.6 %   10253   CAF   LTE-TDD (SC-FDMA, 50% RB, 16 MHz, GPSK)   LTE-TDD   9.90   ± 9.6 %   10254   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   10.14   ± 9.6 %   10256   CAA   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, 16-QAM)   LTE-TDD   9.20   ± 9.6 %   10257   CAA   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.96   ± 9.6 %   10257   CAA   LTE-TDD (SC-FDMA, 100% RB, 1.4 MHz, G4-QAM)   LTE-TDD   9.96   ± 9.6 %   10258   CAA   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK)   LTE-TDD   9.98   ± 9.6 %   10259   CAC   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK)   LTE-TDD   9.98   ± 9.6 %   10260   CAC   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK)   LTE-TDD   9.99   ± 9.6 %   10260   CAC   LTE-TDD (SC-FDMA, 100% RB, 3 MHz, GPSK)   LTE-TDD   9.24   ± 9.6 %   10262   CAF   LTE-TDD (SC-FDMA, 100% RB, 3 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   9.23   ± 9.6 %   10266   CAF   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK)   LTE-TDD   9.23   ± 9.6 %   10266   CAF   LTE-TDD (SC-FDMA, 100% RB, 5 MHz, GPSK)   LTE-TDD   9.90   ± 9.6 %   10267   CAF   LTE-TDD (SC-FDMA						
10247   CAF						
10248						
10249   CAF						
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 %   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, 15 MHz, 16-QAM)   LTE-TDD   9.90   ±9.6 %   10254   CAF   LTE-TDD   SC-FDMA, 50% RB, 15 MHz, 04-QAM)   LTE-TDD   9.90   ±9.6 %   10255   CAF   LTE-TDD   SC-FDMA, 50% RB, 15 MHz, QPSK)   LTE-TDD   9.90   ±9.6 %   10256   CAF   LTE-TDD   SC-FDMA, 50% RB, 15 MHz, QPSK)   LTE-TDD   9.90   ±9.6 %   10256   CAA   LTE-TDD   SC-FDMA, 100% RB, 14 MHz, QPSK)   LTE-TDD   9.96   ±9.6 %   10257   CAA   LTE-TDD   SC-FDMA, 100% RB, 1.4 MHz, QPSK)   LTE-TDD   9.96   ±9.6 %   10258   CAA   LTE-TDD   SC-FDMA, 100% RB, 1.4 MHz, QPSK)   LTE-TDD   9.94   ±9.6 %   10259   CAC   LTE-TDD   SC-FDMA, 100% RB, 3 MHz, QPSK)   LTE-TDD   9.98   ±9.6 %   10260   CAC   LTE-TDD   SC-FDMA, 100% RB, 3 MHz, QPSK)   LTE-TDD   9.98   ±9.6 %   10261   CAC   LTE-TDD   SC-FDMA, 100% RB, 3 MHz, QPSK)   LTE-TDD   9.98   ±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 %   10264   CAF   LTE-TDD   SC-FDMA, 100% RB, 5 MHz, QPSK)   LTE-TDD   9.83   ±9.6 %   10266   CAF   LTE-TDD   SC-FDMA, 100% RB, 5 MHz, QPSK)   LTE-TDD   9.23   ±9.6 %   10266   CAF   LTE-TDD   SC-FDMA, 100% RB, 5 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   9.93   ±9.6 %   10266   CAF   LTE-TDD   SC-FDMA, 100% RB, 10 MHz, QPSK)   LTE-TDD   9.92   ±9.6 %   10267   CAF   LTE-TDD   SC-FDMA, 100% RB, 10 MHz, QPSK)   LTE-TDD   9.93   ±9.6 %   10269   CAF   LTE-TDD   SC-FDMA, 100% RB, 10 MHz, QPSK)   LTE-TDD   9.92   ±9.6 %   10269   CAF   LTE-TDD   SC-FDMA, 100% RB, 15 MHz, QPSK)   LTE-TDD   9.58   ±9.6 %   10277   CAA   PHS (QPSK)   WB4MHz,			LTE-TDD (SC-FDMA, 50% RB, 5 MHz, 64-QAM)			
10251   CAF						
10252	10250	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 16-QAM)	LTE-TDD	9.81	± 9.6 %
10253	10251	CAF	LTE-TDD (SC-FDMA, 50% RB, 10 MHz, 64-QAM)	LTE-TDD	10.17	± 9.6 %
10254	10252	CAF	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   CAF			LTE-TDD (SC-FDMA, 50% RB, 15 MHz, 64-QAM)	LTE-TDD	10.14	
10256						
10257						
10258						
10259						
10260						
10261						
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   9.22   ± 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, QPSK)   LTE-TDD   10.07   ± 9.6 %   10268   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GPSK)   LTE-TDD   10.06   ± 9.6 %   10269   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, GPSK)   LTE-TDD   10.13   ± 9.6 %   10270   CAF   LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)   LTE-TDD   10.13   ± 9.6 %   10270   CAF   LTE-TDD (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 0.5)   PHS   11.81   ± 9.6 %   10290   AAB   CDMA2000, RC1, SO55, Full Rate   CDMA2000   3.91   ± 9.6 %   10292   AAB   CDMA2000, RC3, SO32, Full Rate   CDMA2000   3.50   ± 9.6 %   10293   AAB   CDMA2000, RC3, SO32, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO35, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO36, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB   CDMA2000, RC3, SO36, Full Rate   CDMA2000   3.50   ± 9.6 %   10295   AAB						
10263						
10264						
10265						
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, 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         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)         PHS         11.81         ± 9.6 %           10299         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 % <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>						
10267						
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         3.39         ± 9.6 %           10292         AAB         CDMA2000, RC3, SO32, Full Rate         CDMA2000         3.50         ± 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 Rel8.10)         WCDMA         4.87         ± 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, SO35, 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 % <tr< td=""><td></td><td></td><td></td><td></td><td></td><td></td></tr<>						
10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         WCDMA         3.96         ± 9.6 %           10277         CAA         PHS (QPSK)         PHS         11.81         ± 9.6 %           10278         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC1, SO55, Full Rate         CDMA2000         3.91         ± 9.6 %           10291         AAB         CDMA2000, RC3, SO55, Full Rate         CDMA2000         3.46         ± 9.6 %           10292         AAB         CDMA2000, RC3, SO32, Full Rate         CDMA2000         3.39         ± 9.6 %           10293         AAB         CDMA2000, RC3, SO3, Full Rate         CDMA2000         3.50         ± 9.6 %           10295         AAB         CDMA2000, RC1, SO3, 1/8th Rate 25 fr.         CDMA2000         12.49         ± 9.6 %	10268					
10270         CAF         LTE-TDD (SC-FDMA, 100% RB, 15 MHz, QPSK)         LTE-TDD         9.58         ± 9.6 %           10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         WCDMA         3.96         ± 9.6 %           10277         CAA         PHS (QPSK)         PHS         11.81         ± 9.6 %           10278         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC1, SO55, Full Rate         CDMA2000         3.91         ± 9.6 %           10291         AAB         CDMA2000, RC3, SO55, Full Rate         CDMA2000         3.46         ± 9.6 %           10292         AAB         CDMA2000, RC3, SO32, Full Rate         CDMA2000         3.39         ± 9.6 %           10293         AAB         CDMA2000, RC3, SO3, Full Rate         CDMA2000         3.50         ± 9.6 %           10295         AAB         CDMA2000, RC1, SO3, 1/8th Rate 25 fr.         CDMA2000         12.49         ± 9.6 %	10269	CAF	LTE-TDD (SC-FDMA, 100% RB, 15 MHz, 64-QAM)	LTE-TDD	10.13	± 9.6 %
10274         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.10)         WCDMA         4.87         ± 9.6 %           10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         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 %		CAF		LTE-TDD	9.58	± 9.6 %
10275         CAB         UMTS-FDD (HSUPA, Subtest 5, 3GPP Rel8.4)         WCDMA         3.96         ± 9.6 %           10277         CAA         PHS (QPSK)         PHS         11.81         ± 9.6 %           10278         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.5)         PHS         11.81         ± 9.6 %           10279         CAA         PHS (QPSK, BW 884MHz, Rolloff 0.38)         PHS         12.18         ± 9.6 %           10290         AAB         CDMA2000, RC1, SO55, Full Rate         CDMA2000         3.91         ± 9.6 %           10291         AAB         CDMA2000, RC3, SO55, Full Rate         CDMA2000         3.46         ± 9.6 %           10292         AAB         CDMA2000, RC3, SO32, Full Rate         CDMA2000         3.39         ± 9.6 %           10293         AAB         CDMA2000, RC3, SO3, Full Rate         CDMA2000         3.50         ± 9.6 %           10295         AAB         CDMA2000, RC1, SO3, 1/8th Rate 25 fr.         CDMA2000         12.49         ± 9.6 %           10297         AAD         LTE-FDD (SC-FDMA, 50% RB, 20 MHz, QPSK)         LTE-FDD         5.81         ± 9.6 %           10298         AAD         LTE-FDD (SC-FDMA, 50% RB, 3 MHz, QPSK)         LTE-FDD         5.72         ± 9.6 %					4.87	± 9.6 %
10277         CAA         PHS (QPSK)         PHS (QPSK)         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 %						
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 %						
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 %						
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, SO32, 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 %						
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 %						
10299   AAD   LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)   LTE-FDD   6.39   ± 9.6 %						
	10299	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 16-QAM)	LTE-FDD	6.39	± 9.6 %

Certificate No: EX3-3617\_Jan19 Page 13 of 19





10300	AAD	LTE-FDD (SC-FDMA, 50% RB, 3 MHz, 64-QAM)	LTE-FDD	6.60	± 9.6 %
10301	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC)	WiMAX	12.03	± 9.6 %
10302	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, QPSK, PUSC, 3 CTRL symbols)	WiMAX	12.57	± 9.6 %
10303	AAA	IEEE 802.16e WiMAX (31:15, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	12.52	± 9.6 %
10304	AAA	IEEE 802.16e WiMAX (29:18, 5ms, 10MHz, 64QAM, PUSC)	WiMAX	11.86	± 9.6 %
10305	AAA	IEEE 802.16e WiMAX (31:15, 10ms, 10MHz, 64QAM, PUSC, 15	WiMAX	15.24	± 9.6 %
10306	AAA	symbols)  IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 64QAM, PUSC, 18 symbols)	WiMAX	14.67	± 9.6 %
10307	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, PUSC, 18 symbols)	WiMAX	14.49	± 9.6 %
10308	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, PUSC)	WiMAX	14.46	± 9.6 %
10309	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, 16QAM, AMC 2x3, 18 symbols)	WiMAX	14.58	± 9.6 %
10310	AAA	IEEE 802.16e WiMAX (29:18, 10ms, 10MHz, QPSK, AMC 2x3, 18 symbols)	WiMAX	14.57	± 9.6 %
10311	AAD	LTE-FDD (SC-FDMA, 100% RB, 15 MHz, QPSK)	LTE-FDD	6.06	± 9.6 %
10313	AAA	iDEN 1:3	iDEN	10.51	± 9.6 %
10314	AAA	iDEN 1:6	iDEN	13.48	± 9.6 %
10315	AAB	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 96pc duty cycle)	WLAN	1.71	± 9.6 %
10316	AAB	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10317	AAC	IEEE 802.11a WiFi 5 GHz (OFDM, 6 Mbps, 96pc duty cycle)	WLAN	8.36	± 9.6 %
10352	AAA	Pulse Waveform (200Hz, 10%)	Generic	10.00	± 9.6 %
10353	AAA	Pulse Waveform (200Hz, 20%)	Generic	6.99	± 9.6 %
10354	AAA	Pulse Waveform (200Hz, 40%)	Generic	3.98	± 9.6 %
10355	AAA	Pulse Waveform (200Hz, 60%)	Generic	2.22	± 9.6 %
10356	AAA	Pulse Waveform (200Hz, 80%)	Generic	0.97	± 9.6 %
10387	AAA	QPSK Waveform, 1 MHz	Generic	5.10	± 9.6 %
10388	AAA	QPSK Waveform, 10 MHz	Generic	5.22	± 9.6 %
10396	AAA	64-QAM Waveform, 100 kHz	Generic	6.27	± 9.6 %
10399	AAA	64-QAM Waveform, 40 MHz	Generic	6.27	± 9.6 %
10400	AAD	IEEE 802.11ac WiFi (20MHz, 64-QAM, 99pc duty cycle)	WLAN	8.37	± 9.6 %
10401	AAD	IEEE 802.11ac WiFi (40MHz, 64-QAM, 99pc duty cycle)	WLAN	8.60	± 9.6 %
10402	AAD	IEEE 802.11ac WiFi (80MHz, 64-QAM, 99pc duty cycle)	WLAN	8.53	± 9.6 %
10403	AAB	CDMA2000 (1xEV-DO, Rev. 0)	CDMA2000	3.76	± 9.6 %
10404	AAB	CDMA2000 (1xEV-DO, Rev. A)	CDMA2000	3.77	± 9.6 %
10406	AAB	CDMA2000, RC3, SO32, SCH0, Full Rate	CDMA2000	5.22	± 9.6 %
10410	AAF	LTE-TDD (SC-FDMA, 1 RB, 10 MHz, QPSK, UL Subframe=2,3,4,7,8,9, Subframe Conf=4)	LTE-TDD	7.82	± 9.6 %
10414	AAA	WLAN CCDF, 64-QAM, 40MHz	Generic	8.54	± 9.6 %
10415	AAA	IEEE 802.11b WiFi 2.4 GHz (DSSS, 1 Mbps, 99pc duty cycle)	WLAN	1.54	± 9.6 %
10416	AAA	IEEE 802.11g WiFi 2.4 GHz (ERP-OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10417	AAB	IEEE 802.11a/h WiFi 5 GHz (OFDM, 6 Mbps, 99pc duty cycle)	WLAN	8.23	± 9.6 %
10418	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Long preambule)	WLAN	8.14	± 9.6 %
10419	AAA	IEEE 802.11g WiFi 2.4 GHz (DSSS-OFDM, 6 Mbps, 99pc duty cycle, Short preambule)	WLAN	8.19	± 9.6 %
10422	AAB	IEEE 802.11n (HT Greenfield, 7.2 Mbps, BPSK)	WLAN	8.32	± 9.6 %
10423	AAB	IEEE 802.11n (HT Greenfield, 43.3 Mbps, 16-QAM)	WLAN		
10424	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)		8.47	± 9.6 %
10425	AAB	IEEE 802.11n (HT Greenfield, 72.2 Mbps, 64-QAM)	WLAN	8.40	± 9.6 %
10426	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 16-QAM)	WLAN	8.41	± 9.6 %
10427	AAB	IEEE 802.11n (HT Greenfield, 90 Mbps, 10-QAM)		8.45	± 9.6 %
10430	AAD		WLAN	8.41	± 9.6 %
10430		LTE-FDD (OFDMA, 5 MHz, E-TM 3.1)	LTE-FDD	8.28	± 9.6 %
10431	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1) LTE-FDD (OFDMA, 15 MHz, E-TM 3.1)	LTE-FDD	8.38	± 9.6 %
	AAC		LTE-FDD	8.34	± 9.6 %
10433	AAC	LTE-FDD (OFDMA, 20 MHz, E-TM 3.1)	LTE-FDD	8.34	± 9.6 %
10434	AAA	W-CDMA (BS Test Model 1, 64 DPCH)	WCDMA	8.60	± 9.6 %
10435	AAF	LTE-TDD (SC-FDMA, 1 RB, 20 MHz, QPSK, UL Subframe=2,3,4,7,8,9)	LTE-TDD	7.82	± 9.6 %
10447	AAD	LTE-FDD (OFDMA, 5 MHz, E-TM 3.1, Clipping 44%)	LTE-FDD	7.56	± 9.6 %
	AAD	LTE-FDD (OFDMA, 10 MHz, E-TM 3.1, Clippin 44%)	LTE-FDD	7.53	± 9.6 %
10448 10449 10450	AAC	LTE-FDD (OFDMA, 15 MHz, E-TM 3.1, Cliping 44%)	LTE-FDD	7.51	± 9.6 %

Certificate No: EX3-3617\_Jan19 Page 14 of 19