1 of 64 Page:

Appendix B

GSM 850 & 1900



Page: 2 of 64

CONTENT

		Page
1.	EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA	4
	1.1. Test Result	4
2.	PEAK-TO-AVERAGE RATIO	6
	2.1. Test Result	6
	2.2. Part II - Test Plots	6
3.	Modulation Characteristics	13
	3.1. For GSM	13
	3.1.1. Test Band = GSM 850	13
	3.1.1.1. Test Mode = GSM/TM1	13
	3.1.1.1.1. Test Channel = MCH	13
	3.1.1.2. Test Mode = GSM/TM2	14
	3.1.1.2.1. Test Channel = MCH	14
	3.1.2. Test Band = GSM 1900	15
	3.1.2.1. Test Mode = GSM/TM1	15
	3.1.2.1.1. Test Channel = MCH	15
	3.1.2.2. Test Mode = GSM/TM2	16
	3.1.2.2.1. Test Channel = MCH	16
4.	26dB Bandwidth and Occupied Bandwidth	17
	4.1. Test Result	17
	4.2. Test Plots	17
5.	BAND EDGE COMPLIANCE	24
	5.1. Test Plots	24
6.	Spurious Emission at Antenna Terminal	28
	6.1. Test Plots	28
7.	FIELD STRENGTH OF SPURIOUS RADIATION	58
	7.1. Test Band = GSM 1900	58
	7.1.1. Test Channel = LCH	58
	7.1.2. Test Channel = MCH	58
	7.1.3. Test Channel = HCH	58
	7.2. Test Band = GSM 850	59
	7.2.1. Test Channel = LCH	59
	7.2.2. Test Channel = MCH	59
		250000000000000000000000000000000000000



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Report No.: ZR/2019/B000401

Page: 3 of 64

	7.2.3.	Test Channel = HCH	60
8.	FREQ	UENCY STABILITY	61
	8.1.	Frequency Error Vs Voltage	61
	8.2.	Frequency Error Vs Temperature	62



Page: 4 of 64

1. Effective (Isotropic) Radiated Power Output Data

1.1. Test Result

Band	Channel	Slot	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
GSM850	128		31.46	27.77	38.45	PASS
GSM850	190		31.47	27.78	38.45	PASS
GSM850	251		31.39	27.70	38.45	PASS
EGPRS850 (GMSK)	128	1	31.46	27.77	38.45	PASS
EGPRS850 (GMSK)	128	2	29.85	26.16	38.45	PASS
EGPRS850 (GMSK)	128	3	28.22	24.53	38.45	PASS
EGPRS850 (GMSK)	128	4	27.40	23.71	38.45	PASS
EGPRS850 (GMSK)	190	1	31.38	27.69	38.45	PASS
EGPRS850 (GMSK)	190	2	29.94	26.25	38.45	PASS
EGPRS850 (GMSK)	190	3	27.96	24.27	38.45	PASS
EGPRS850 (GMSK)	190	4	27.08	23.39	38.45	PASS
EGPRS850 (GMSK)	251	1	31.34	27.65	38.45	PASS
EGPRS850 (GMSK)	251	2	29.97	26.28	38.45	PASS
EGPRS850 (GMSK)	251	3	27.88	24.19	38.45	PASS
EGPRS850 (GMSK)	251	4	26.93	23.24	38.45	PASS
EGPRS850 (8PSK)	128	1	26.79	23.10	38.45	PASS
EGPRS850 (8PSK)	128	2	24.80	21.11	38.45	PASS
EGPRS850 (8PSK)	128	3	23.54	19.85	38.45	PASS
EGPRS850 (8PSK)	128	4	21.85	18.16	38.45	PASS
EGPRS850 (8PSK)	190	1	26.56	22.87	38.45	PASS
EGPRS850 (8PSK)	190	2	24.57	20.88	38.45	PASS
EGPRS850 (8PSK)	190	3	23.33	19.64	38.45	PASS
EGPRS850 (8PSK)	190	4	21.63	17.94	38.45	PASS
EGPRS850 (8PSK)	251	1	26.52	22.83	38.45	PASS
EGPRS850 (8PSK)	251	2	24.55	20.86	38.45	PASS
EGPRS850 (8PSK)	251	3	23.32	19.63	38.45	PASS
EGPRS850 (8PSK)	251	4	21.87	18.18	38.45	PASS





Report No.: ZR/2019/B000401

Page: 5 of 64

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512		29.49	29.36	33.00	PASS
GSM1900	661		29.45	29.32	33.00	PASS
GSM1900	810		29.43	29.30	33.00	PASS
EGPRS1900 (GMSK)	512	1	29.49	29.36	33.00	PASS
EGPRS1900 (GMSK)	512	2	27.41	27.28	33.00	PASS
EGPRS1900 (GMSK)	512	3	25.42	25.29	33.00	PASS
EGPRS1900 (GMSK)	512	4	24.41	24.28	33.00	PASS
EGPRS1900 (GMSK)	661	1	29.46	29.33	33.00	PASS
EGPRS1900 (GMSK)	661	2	27.44	27.31	33.00	PASS
EGPRS1900 (GMSK)	661	3	25.42	25.29	33.00	PASS
EGPRS1900 (GMSK)	661	4	24.45	24.32	33.00	PASS
EGPRS1900 (GMSK)	810	1	29.41	29.28	33.00	PASS
EGPRS1900 (GMSK)	810	2	27.42	27.29	33.00	PASS
EGPRS1900 (GMSK)	810	3	25.47	25.34	33.00	PASS
EGPRS1900 (GMSK)	810	4	24.49	24.36	33.00	PASS
EGPRS1900 (8PSK)	512	1	25.71	25.58	33.00	PASS
EGPRS1900 (8PSK)	512	2	24.00	23.87	33.00	PASS
EGPRS1900 (8PSK)	512	3	22.23	22.10	33.00	PASS
EGPRS1900 (8PSK)	512	4	20.63	20.50	33.00	PASS
EGPRS1900 (8PSK)	661	1	25.57	25.44	33.00	PASS
EGPRS1900 (8PSK)	661	2	23.98	23.85	33.00	PASS
EGPRS1900 (8PSK)	661	3	22.21	22.08	33.00	PASS
EGPRS1900 (8PSK)	661	4	20.53	20.40	33.00	PASS
EGPRS1900 (8PSK)	810	1	25.67	25.54	33.00	PASS
EGPRS1900 (8PSK)	810	2	24.07	23.94	33.00	PASS
EGPRS1900 (8PSK)	810	3	22.45	22.32	33.00	PASS
EGPRS1900 (8PSK)	810	4	20.78	20.65	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



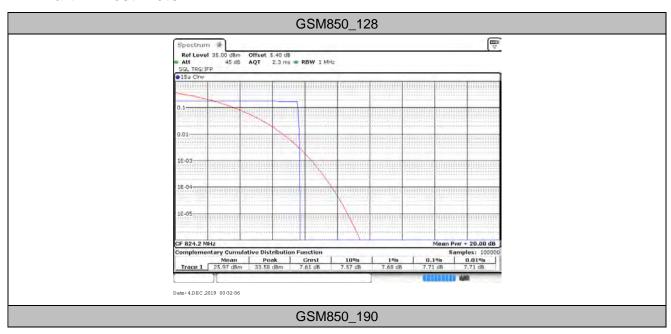
Page: 6 of 64

2. Peak-to-Average Ratio

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	7.71	13	PASS
GSM850	190	7.71	13	PASS
GSM850	251	7.68	13	PASS
EGPRS850	128	10.61	13	PASS
EGPRS850	190	10.41	13	PASS
EGPRS850	251	10.35	13	PASS
GSM1900	512	7.71	13	PASS
GSM1900	661	7.68	13	PASS
GSM1900	810	7.65	13	PASS
EGPRS1900	512	9.91	13	PASS
EGPRS1900	661	10.43	13	PASS
EGPRS1900	810	9.86	13	PASS

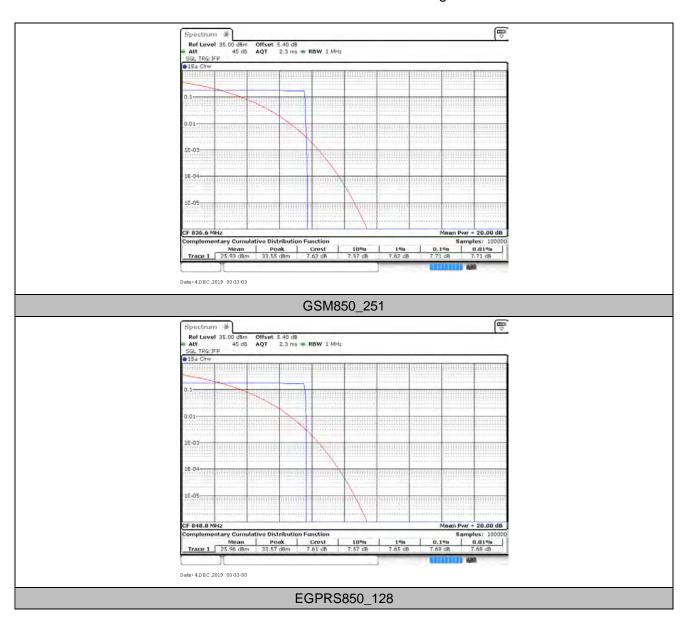
2.2. Part II - Test Plots





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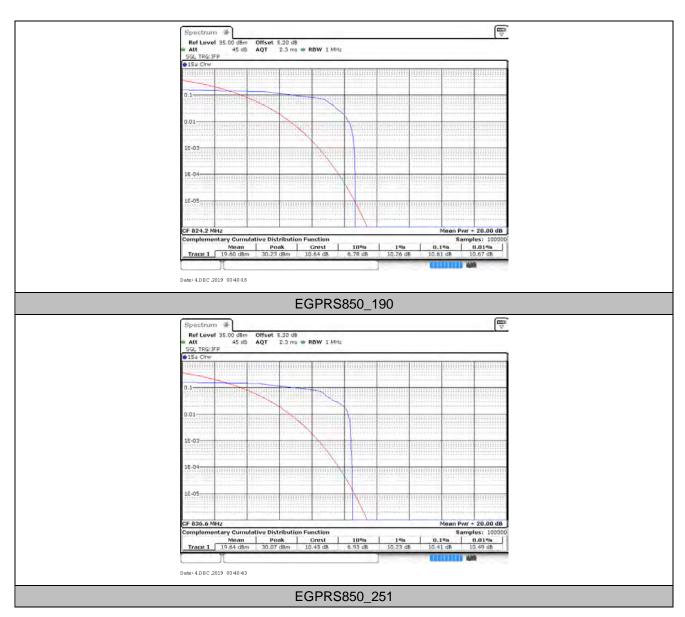
Page: 7 of 64





Report No.: ZR/2019/B000401

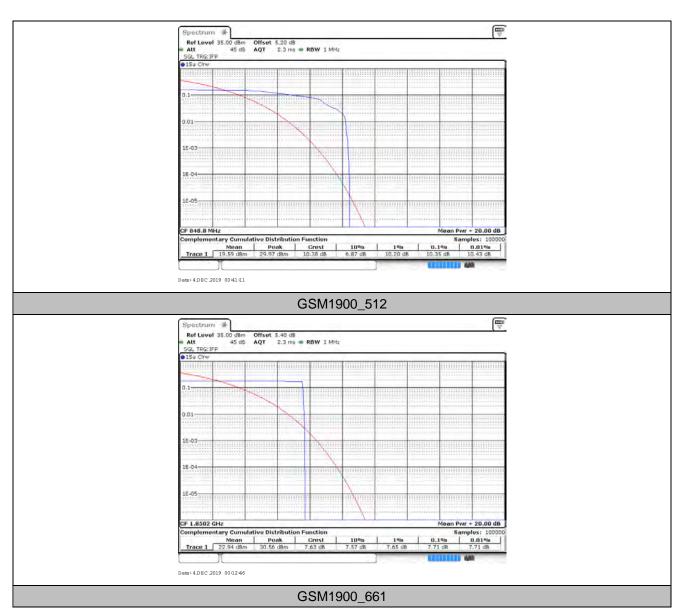
Page: 8 of 64





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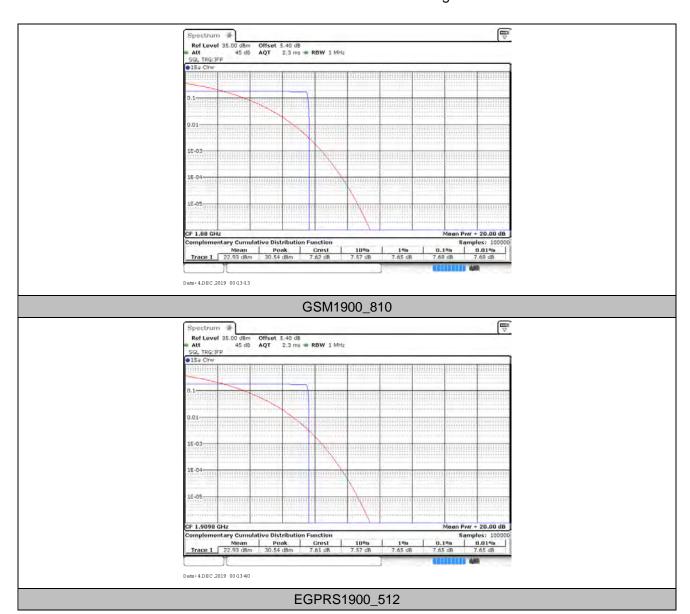
Page: 9 of 64





Report No.: ZR/2019/B000401

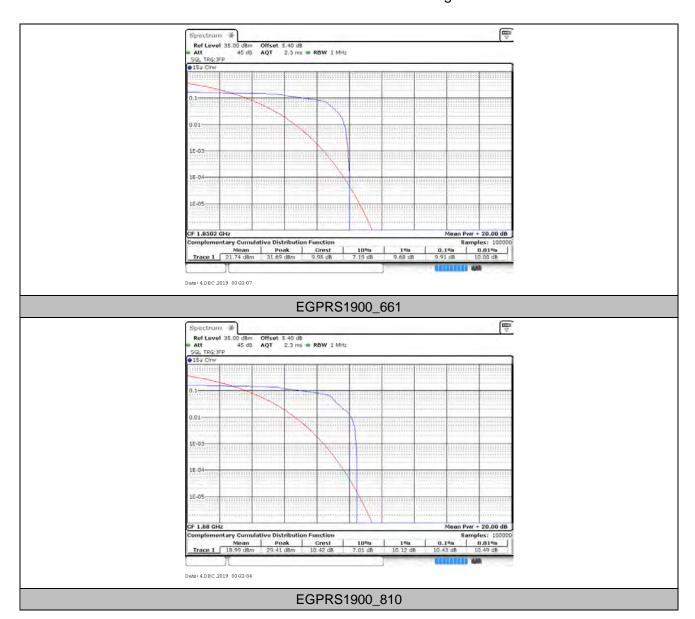
Page: 10 of 64





Report No.: ZR/2019/B000401

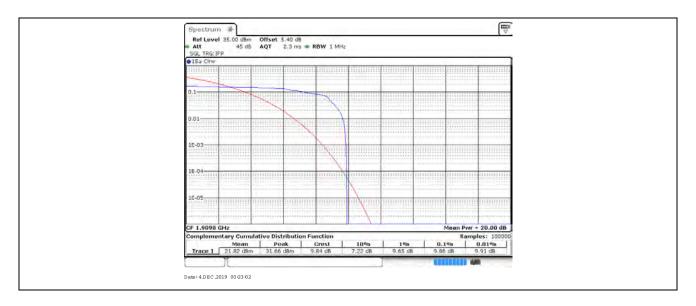
Page: 11 of 64





Report No.: ZR/2019/B000401

Page: 12 of 64





Page: 13 of 64

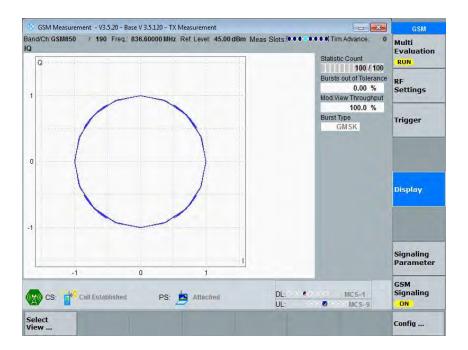
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

3.1.1.1.1. Test Channel = MCH

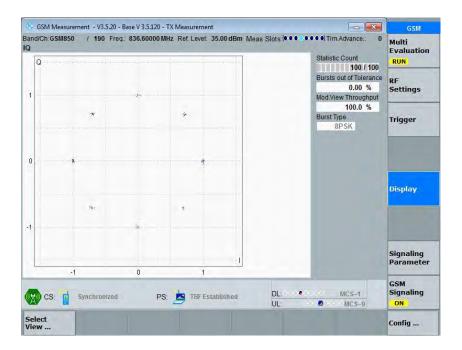




14 of 64 Page:

3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



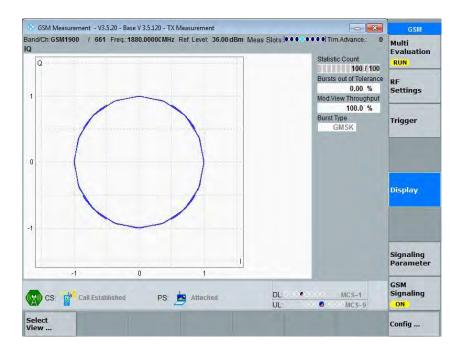


Page: 15 of 64

3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

3.1.2.1.1. Test Channel = MCH

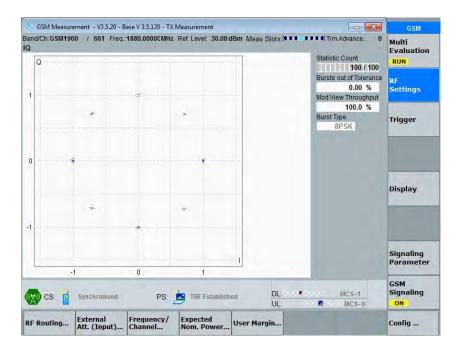




16 of 64 Page:

3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH





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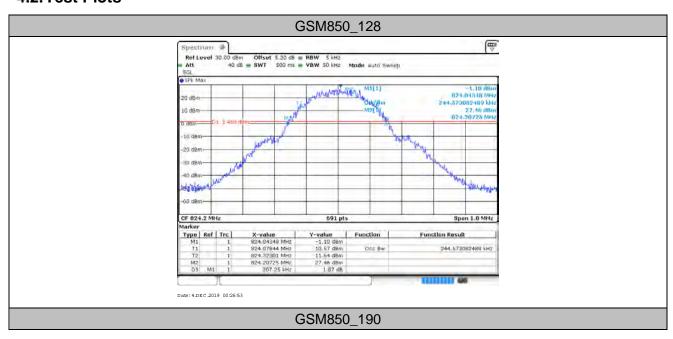
17 of 64 Page:

4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	244.57	307.25		PASS
GSM850	190	244.57	298.55		PASS
GSM850	251	244.57	302.90		PASS
EGPRS850	128	253.26	301.45		PASS
EGPRS850	190	246.02	304.35		PASS
EGPRS850	251	250.36	307.25		PASS
GSM1900	512	247.47	310.14		PASS
GSM1900	661	247.47	307.25		PASS
GSM1900	810	246.02	298.55		PASS
EGPRS1900	512	257.60	289.86		PASS
EGPRS1900	661	256.15	320.29		PASS
EGPRS1900	810	266.28	334.78		PASS

4.2. Test Plots

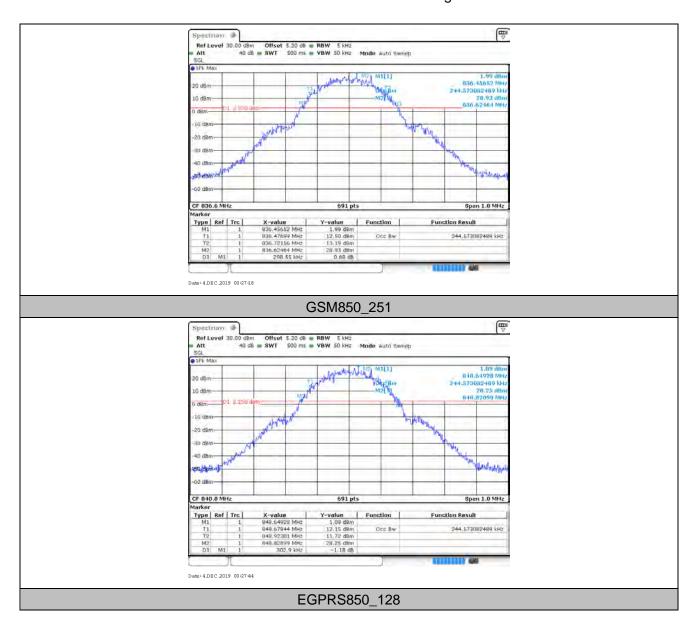






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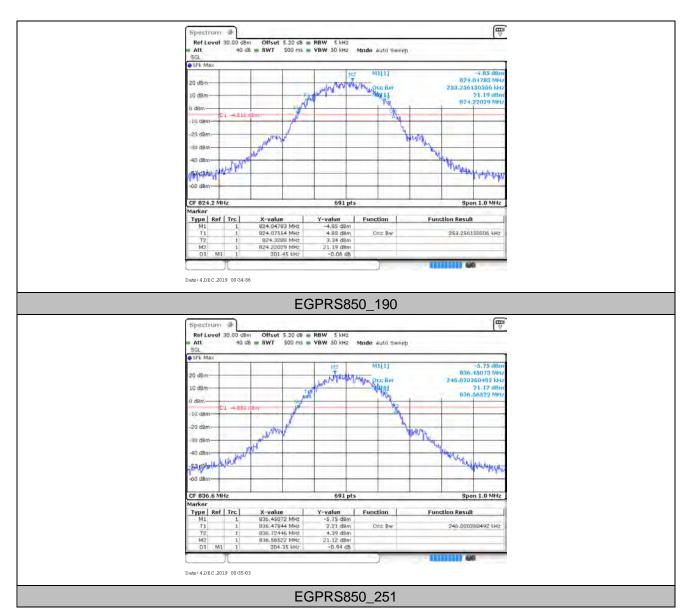
Page: 18 of 64





Report No.: ZR/2019/B000401

Page: 19 of 64





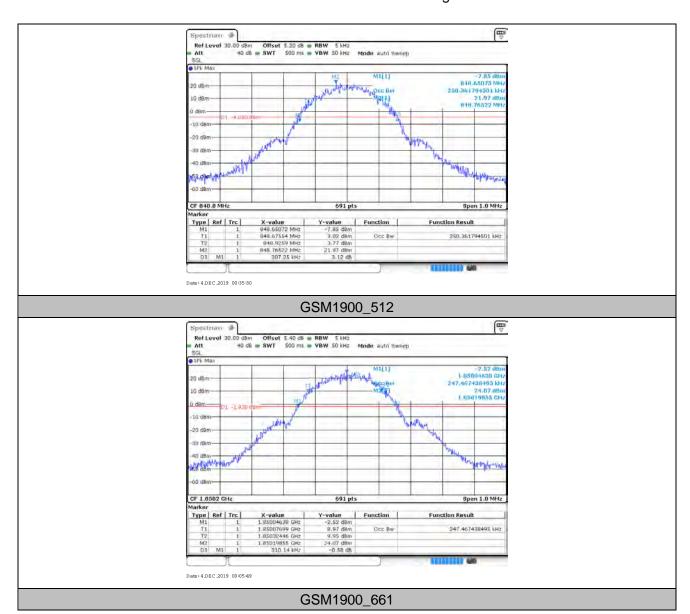
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Page: 20 of 64





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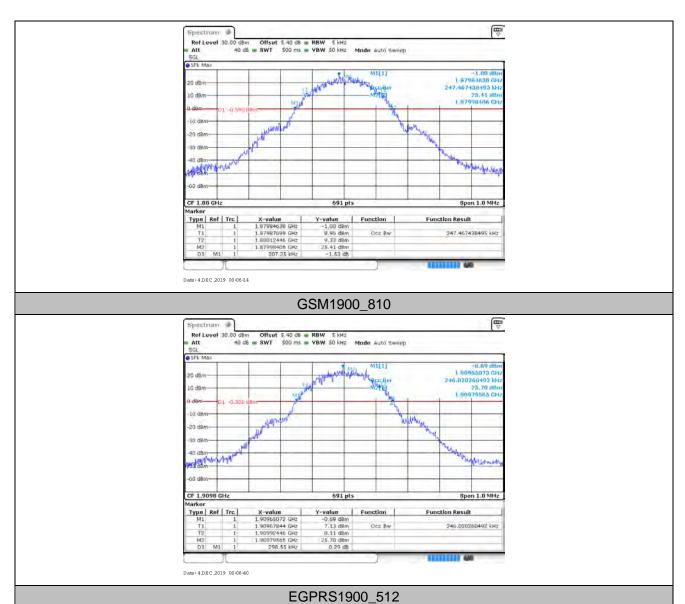
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Page: 21 of 64





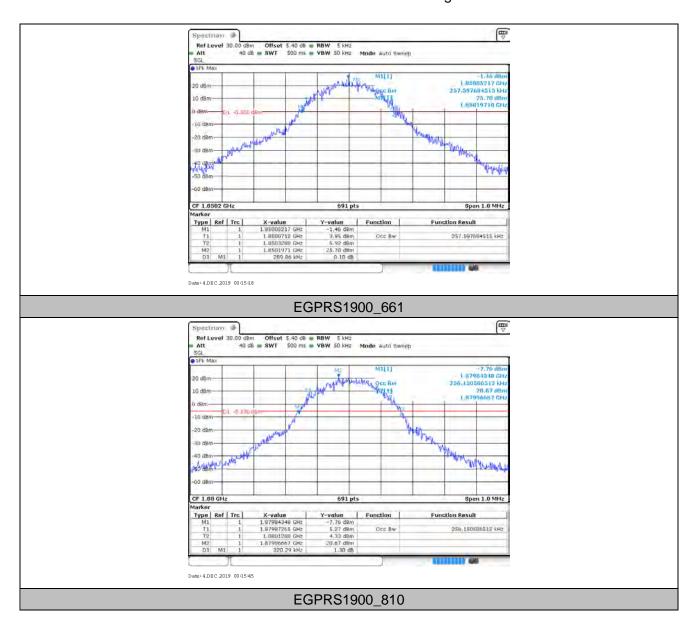
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Page: 22 of 64

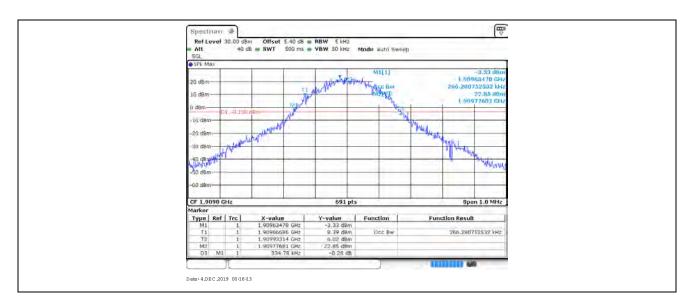






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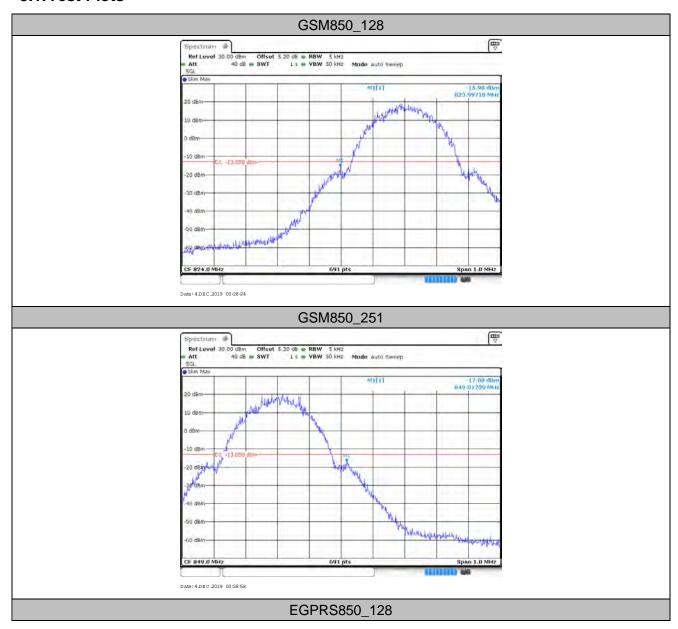
Page: 23 of 64



Page: 24 of 64

5. Band Edge Compliance

5.1. Test Plots

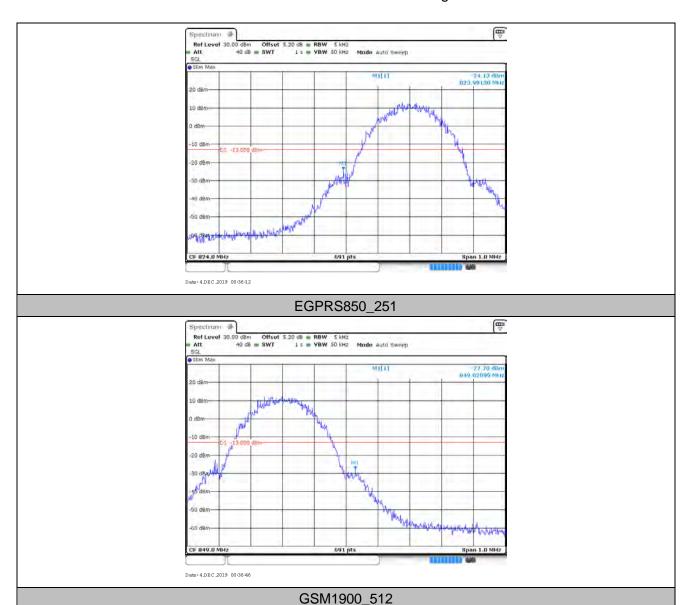






Report No.: ZR/2019/B000401

Page: 25 of 64

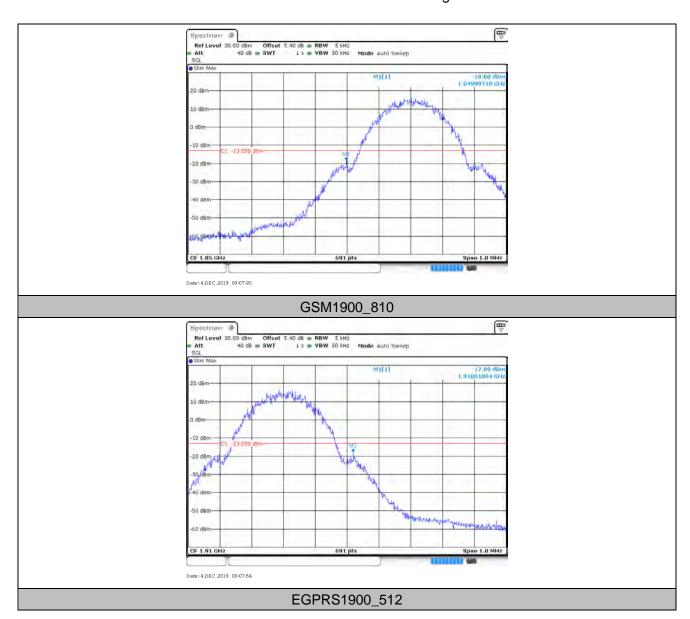






Report No.: ZR/2019/B000401

Page: 26 of 64

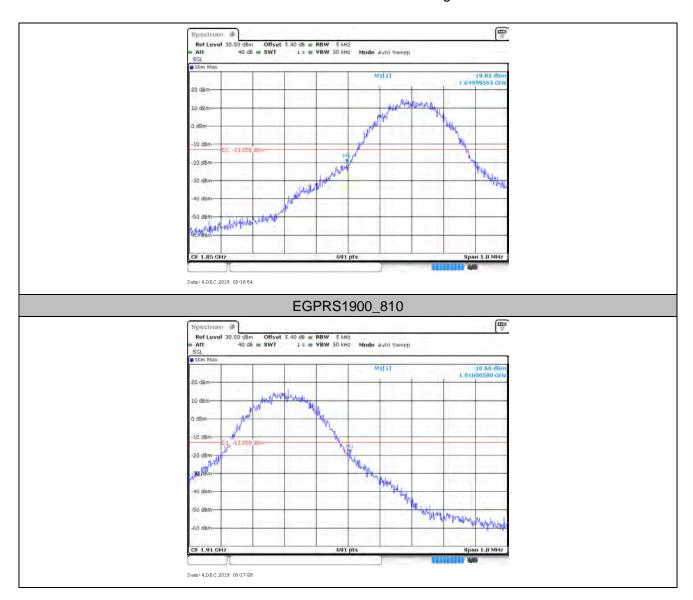






Report No.: ZR/2019/B000401

Page: 27 of 64





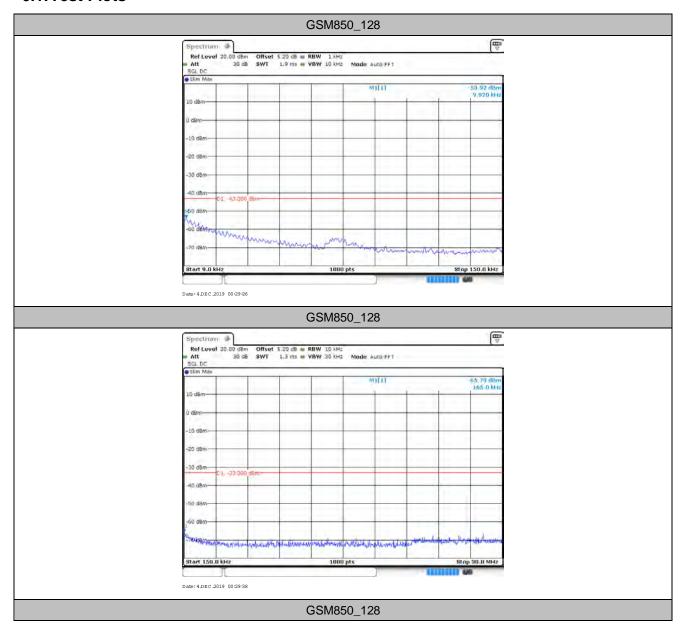
Page: 28 of 64

6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k = 4 * (Span / RBW) with k = 4 * (Span / RBW).

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

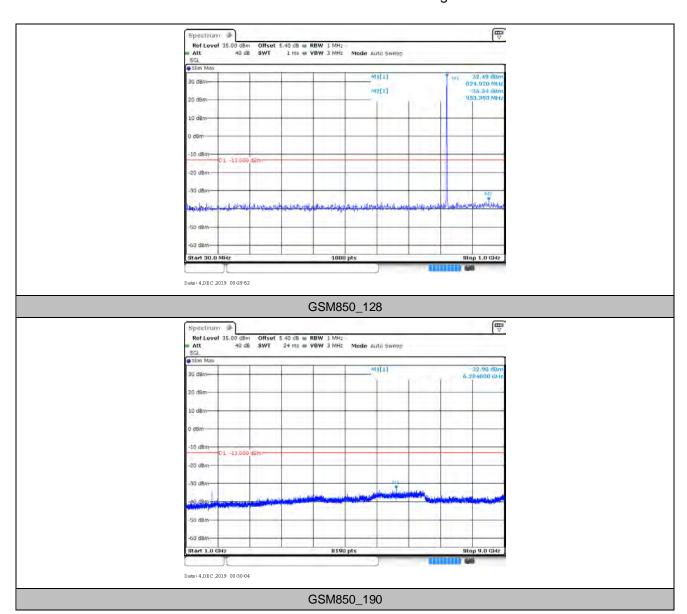






Report No.: ZR/2019/B000401

Page: 29 of 64

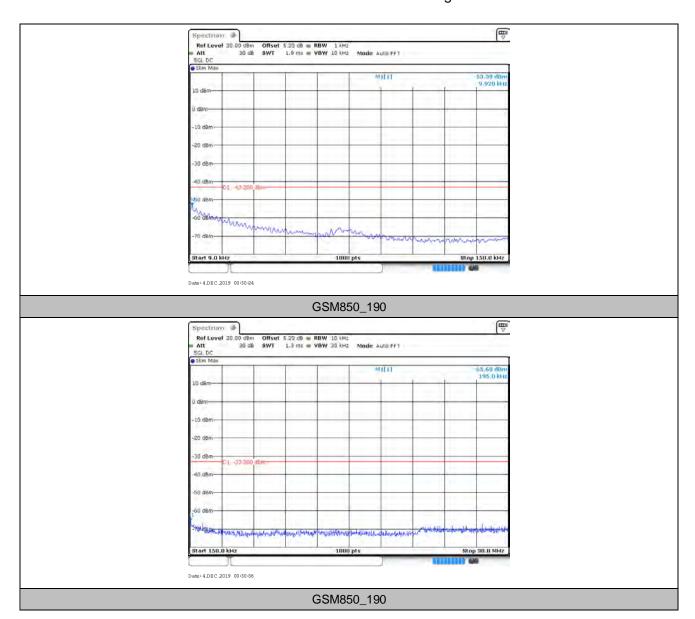






Report No.: ZR/2019/B000401

Page: 30 of 64

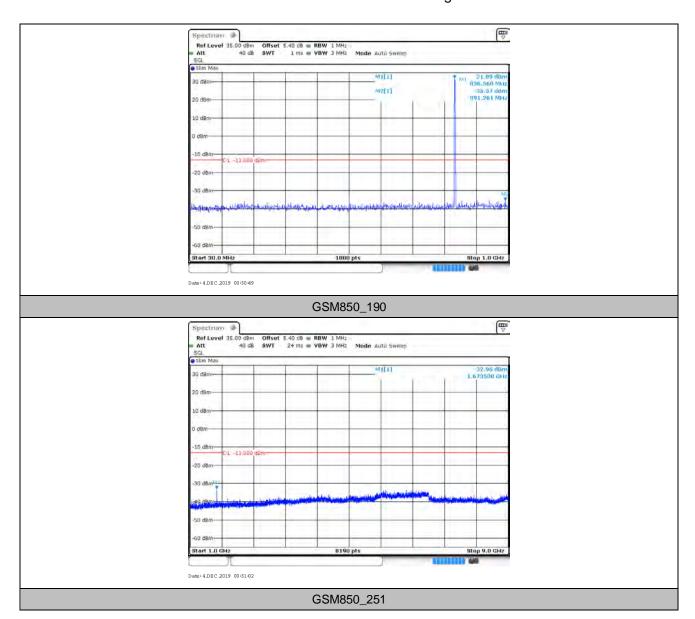






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Page: 31 of 64





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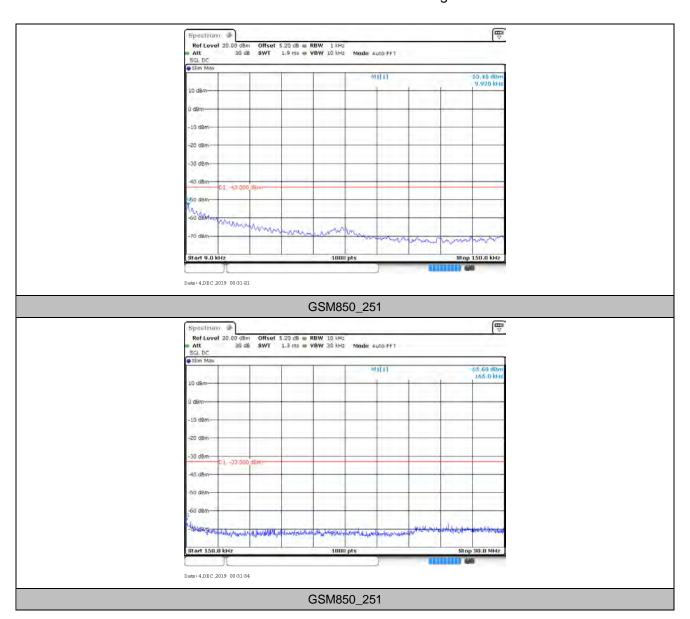
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Page: 32 of 64





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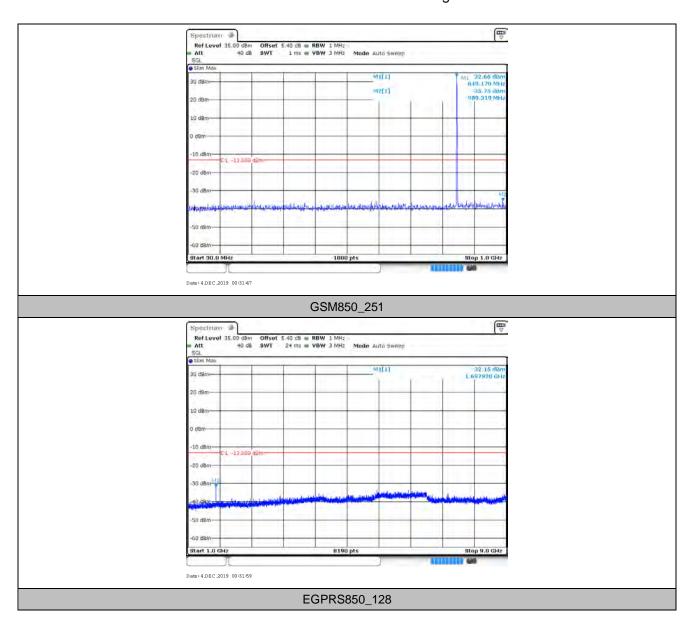
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Report No.: ZR/2019/B000401

Page: 33 of 64

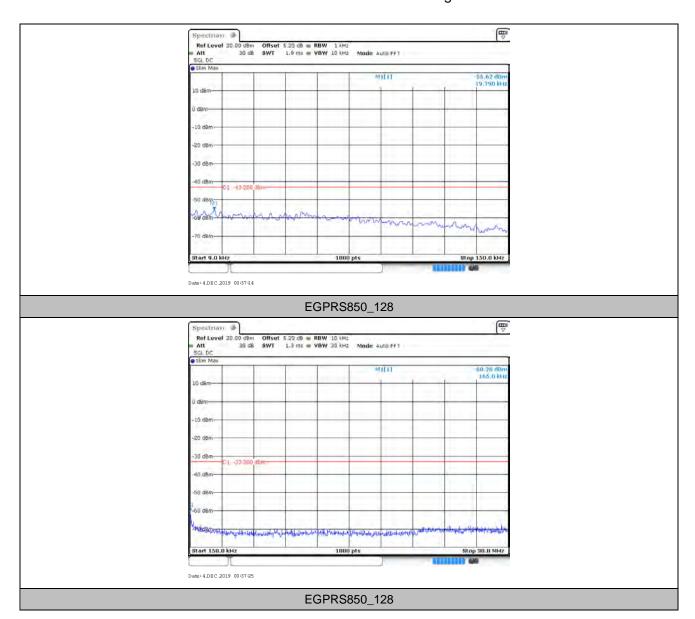






Report No.: ZR/2019/B000401

Page: 34 of 64

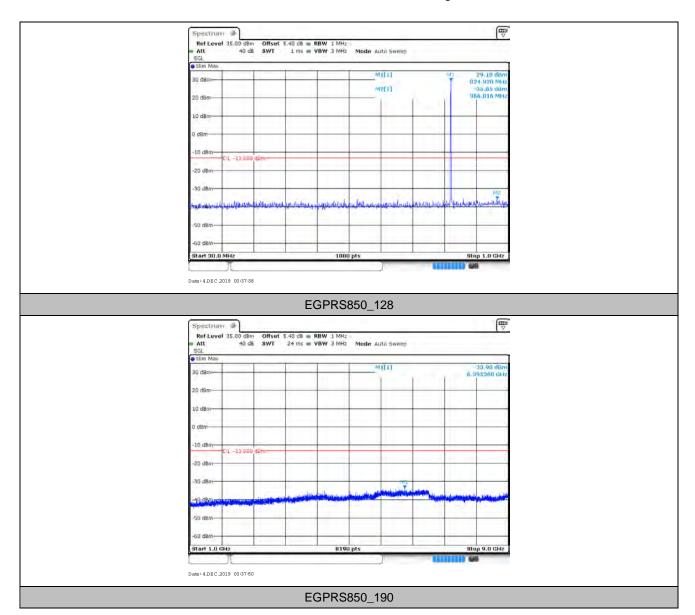






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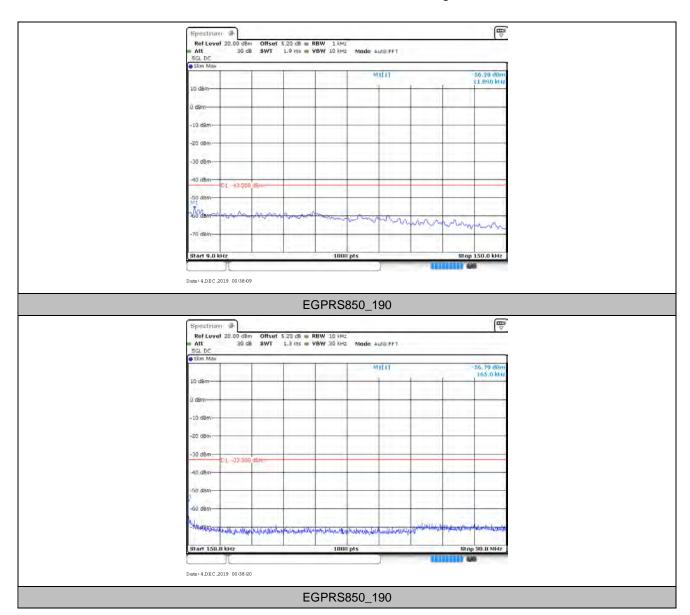
Page: 35 of 64





Report No.: ZR/2019/B000401

Page: 36 of 64





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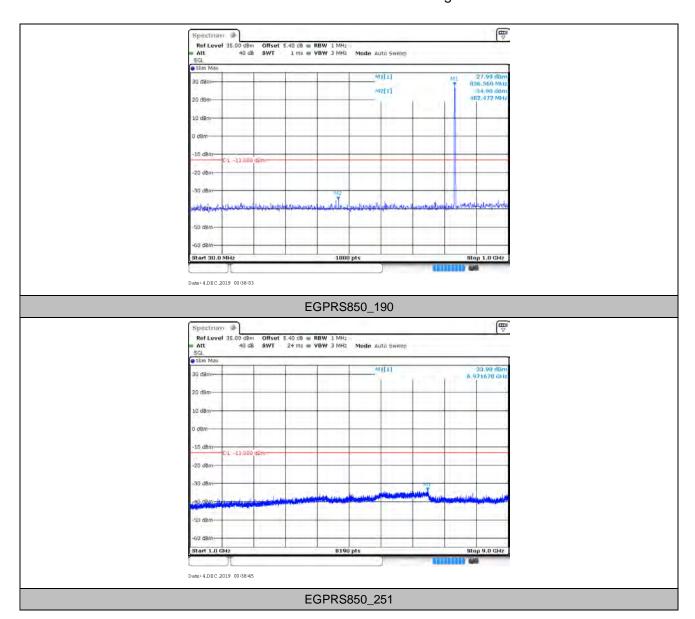
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Report No.: ZR/2019/B000401

Page: 37 of 64





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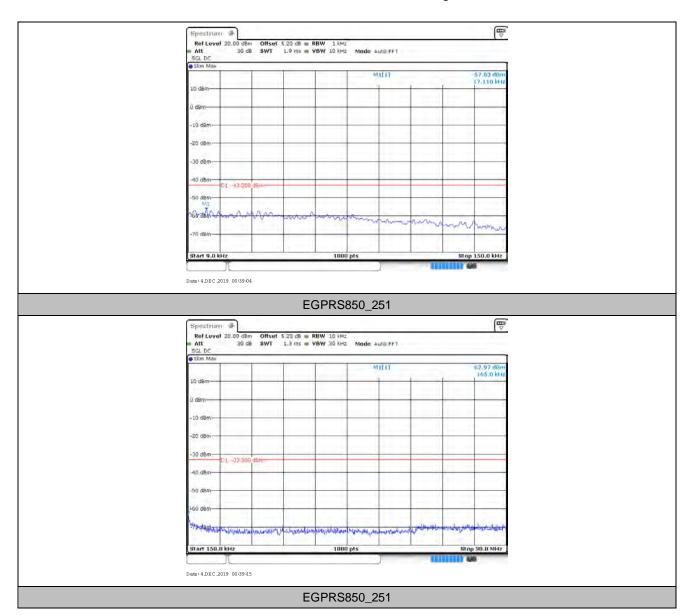
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Report No.: ZR/2019/B000401

Page: 38 of 64





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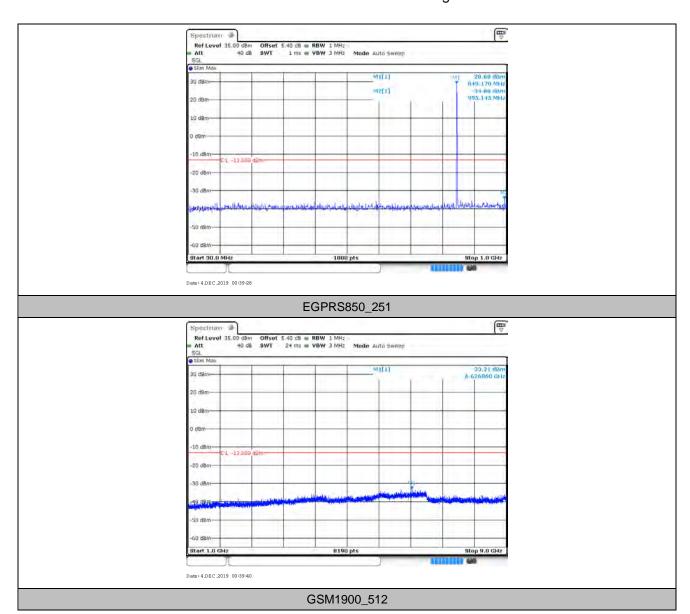
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Report No.: ZR/2019/B000401

Page: 39 of 64

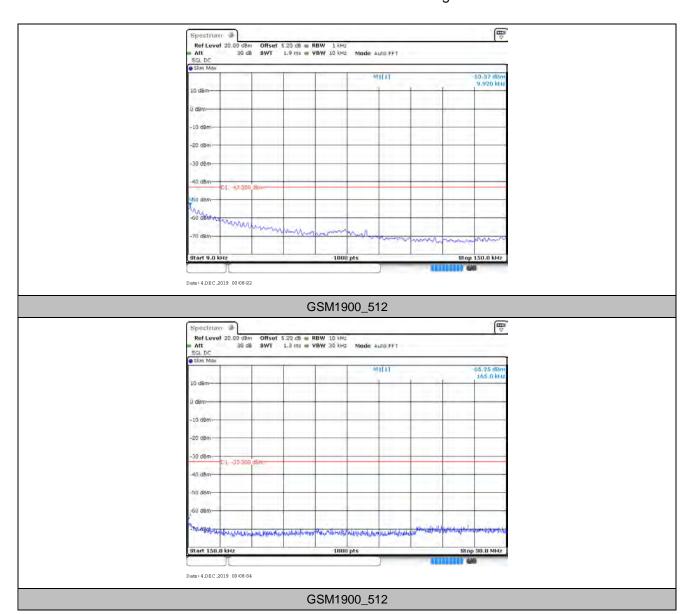






Report No.: ZR/2019/B000401

Page: 40 of 64

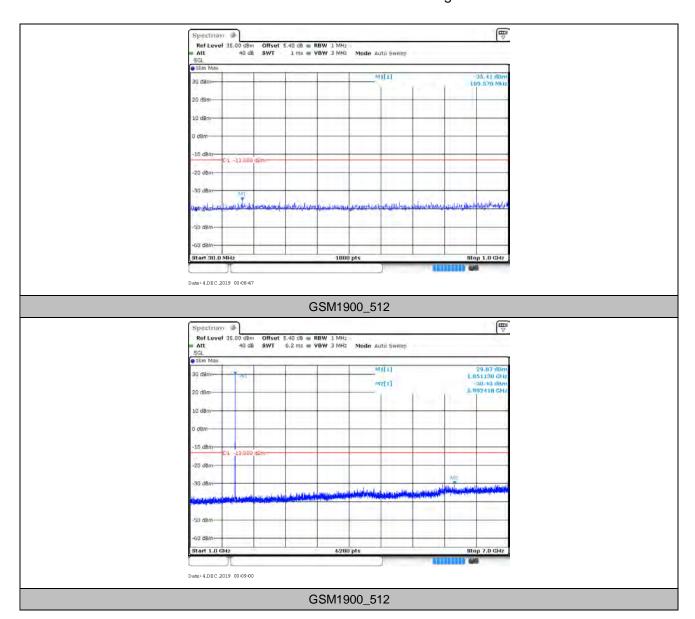






Report No.: ZR/2019/B000401

Page: 41 of 64





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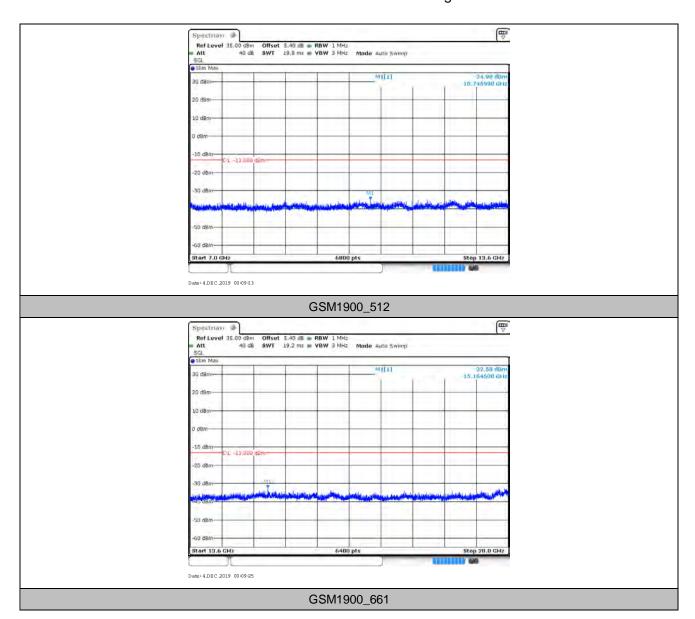
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Report No.: ZR/2019/B000401

Page: 42 of 64





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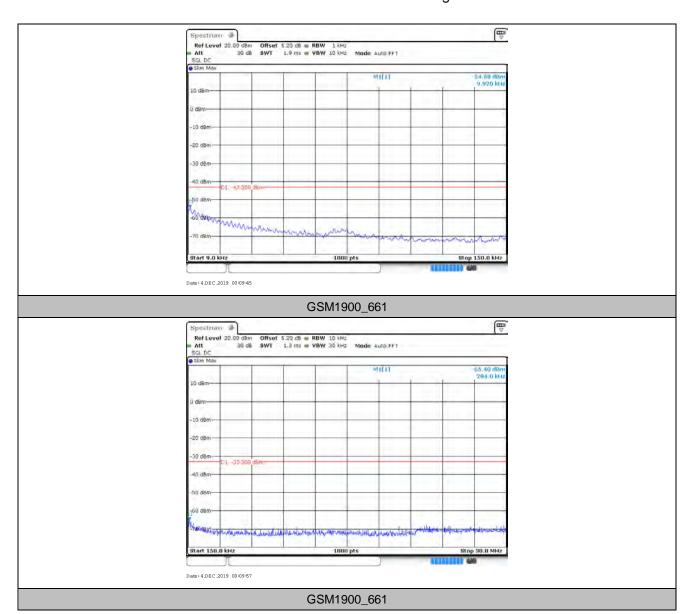
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Report No.: ZR/2019/B000401

Page: 43 of 64

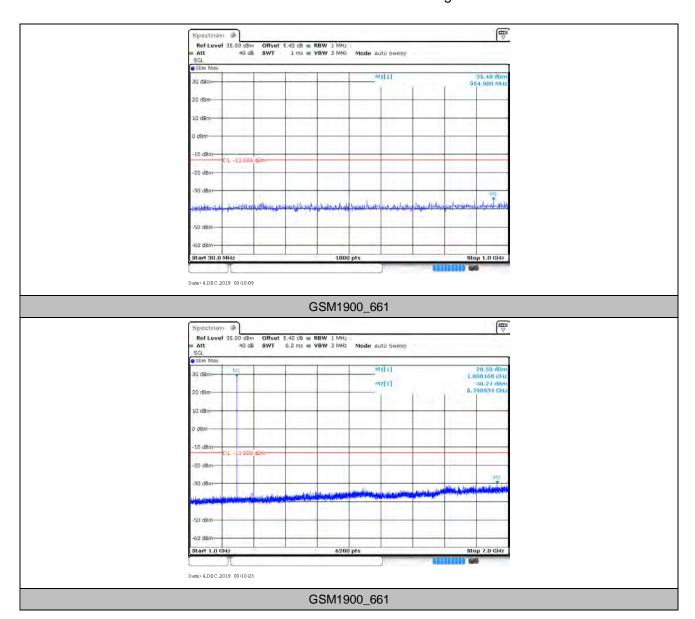






Report No.: ZR/2019/B000401

Page: 44 of 64





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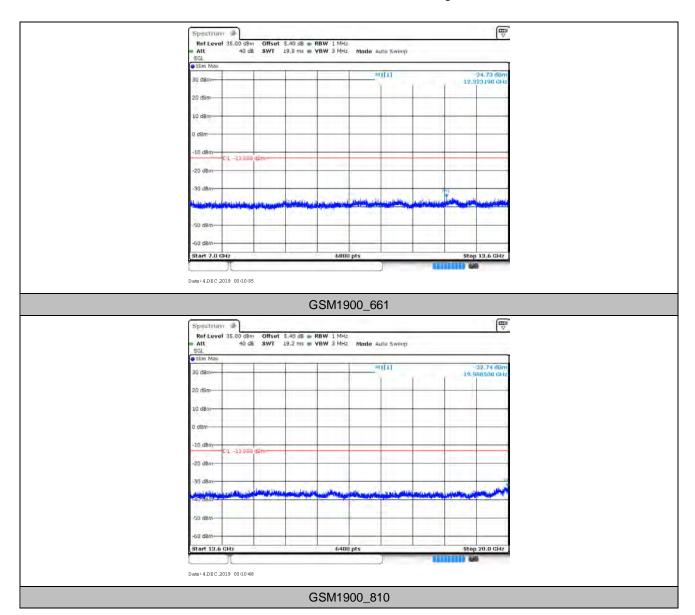
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Report No.: ZR/2019/B000401

Page: 45 of 64

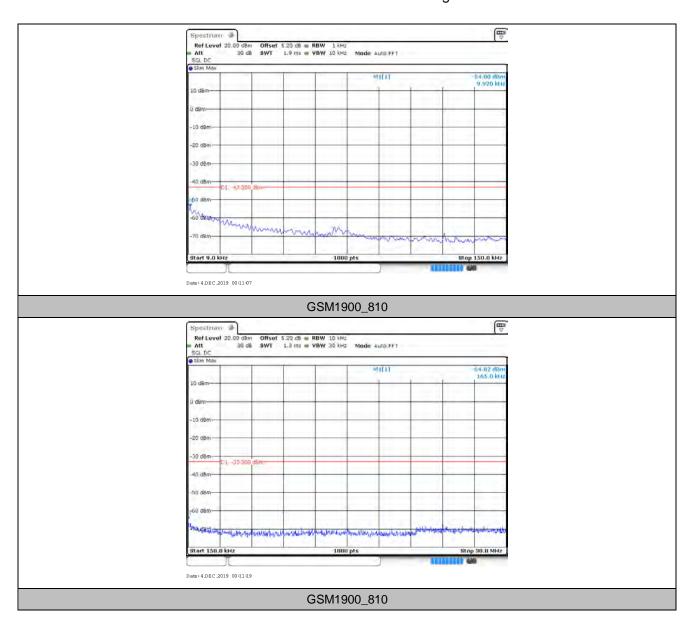






Report No.: ZR/2019/B000401

Page: 46 of 64

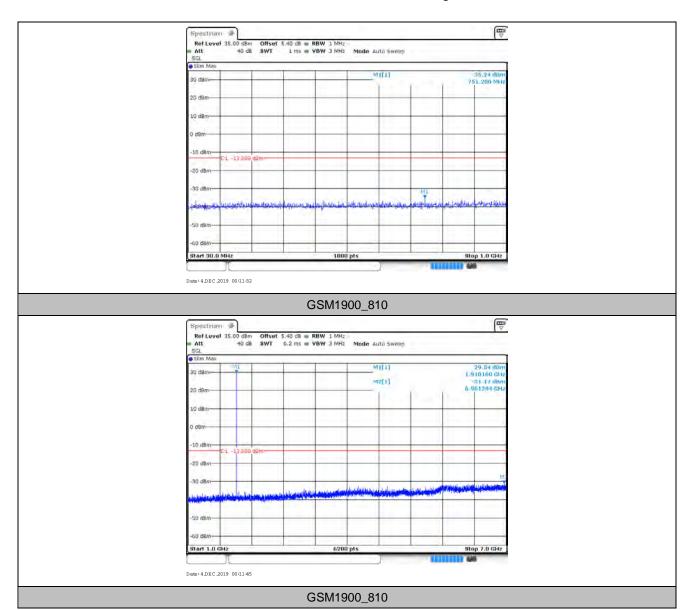






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Page: 47 of 64





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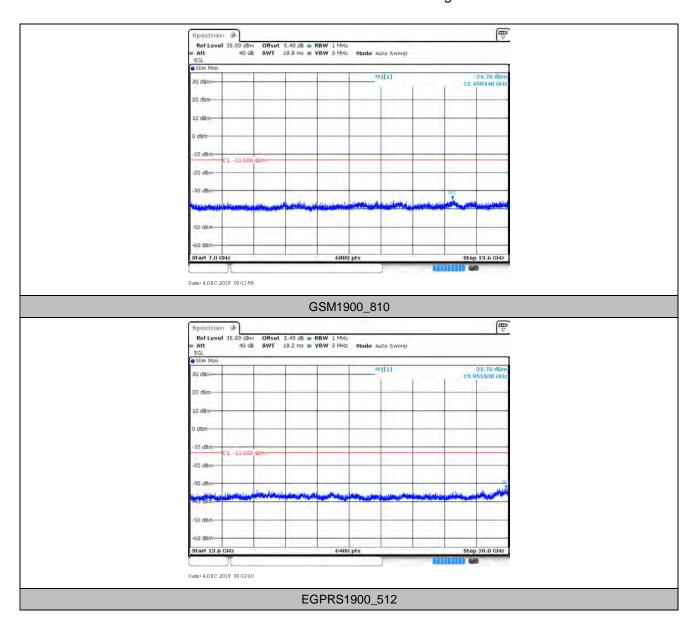
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Report No.: ZR/2019/B000401

Page: 48 of 64





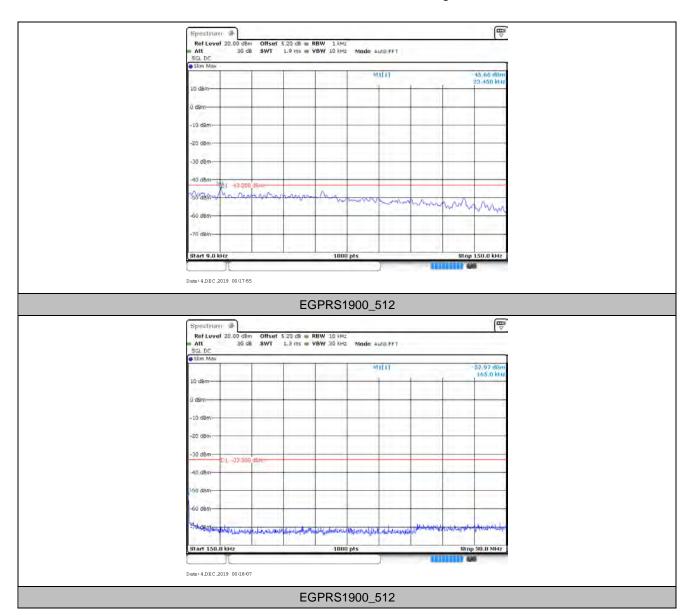
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Page: 49 of 64

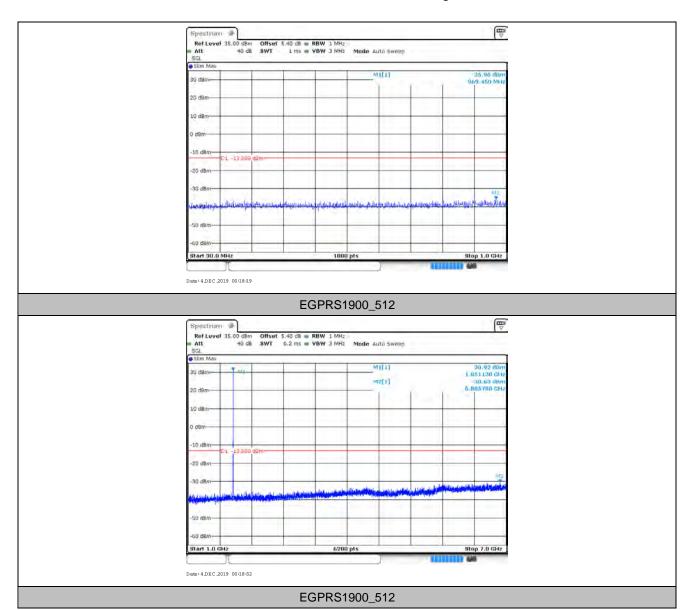






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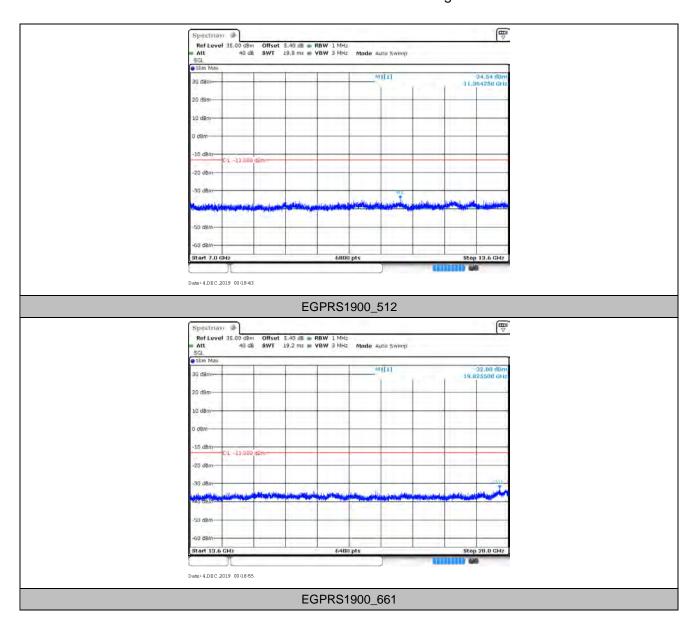
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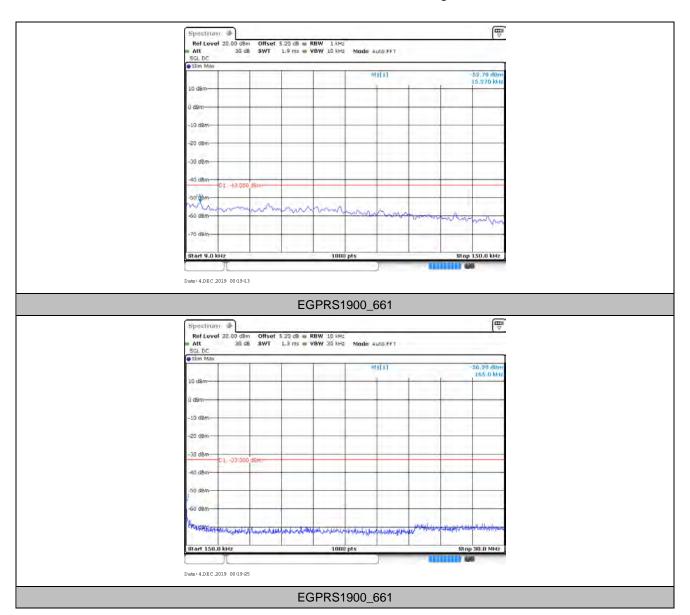
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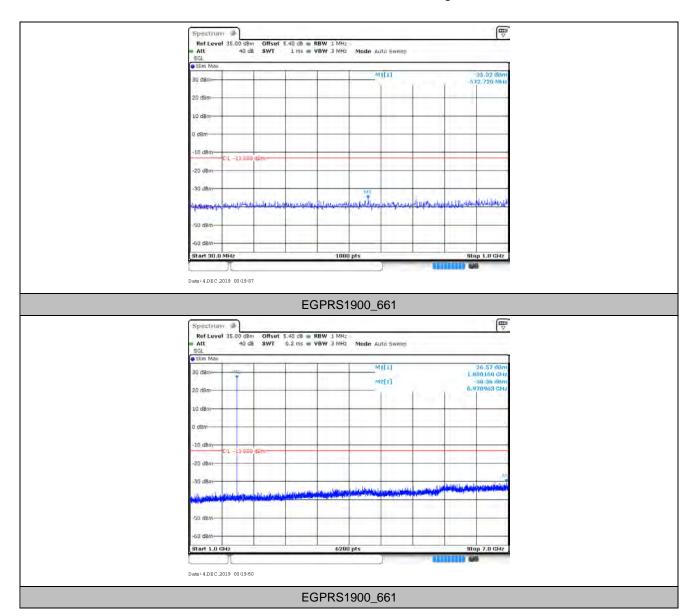
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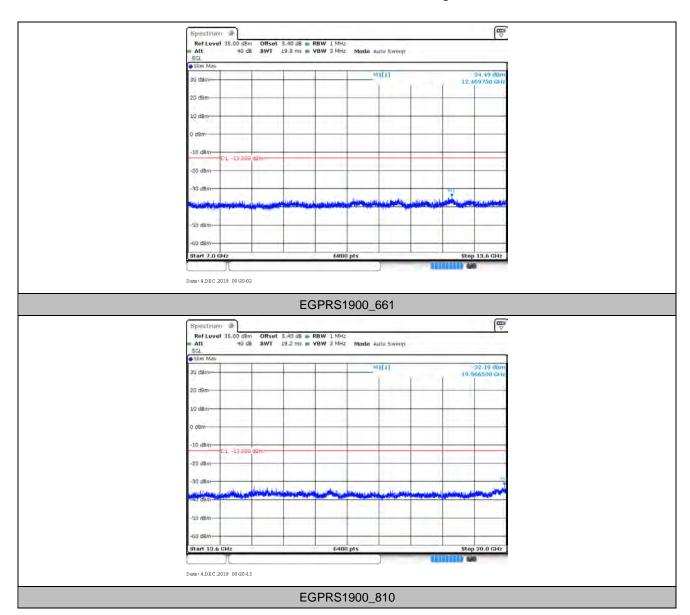
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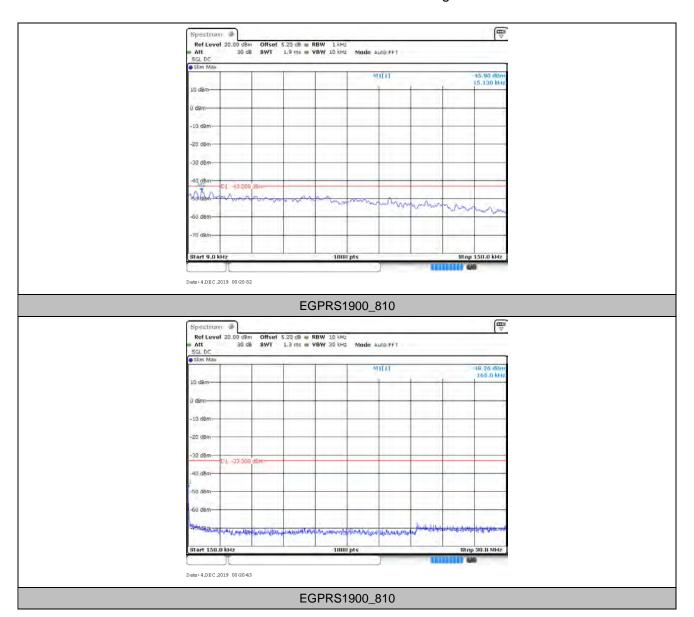
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Report No.: ZR/2019/B000401

Page: 55 of 64





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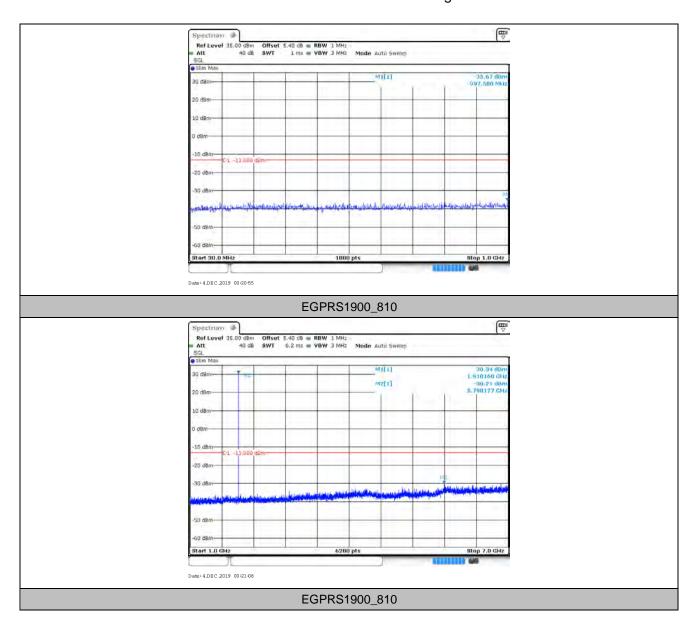
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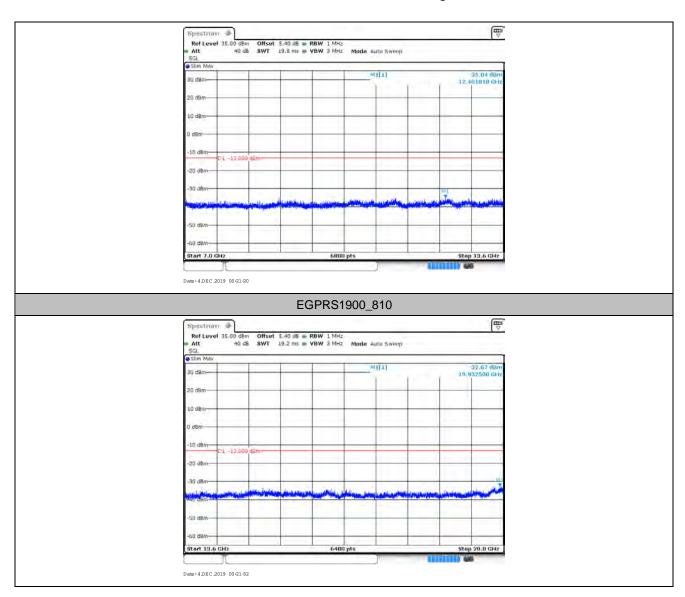
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Report No.: ZR/2019/B000401

Page: 57 of 64





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Report No.: ZR/2019/B000401

Page: 58 of 64

7. Field Strength of Spurious Radiation

7.1. Test Band = GSM 1900

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
107.4584	-64.51	-13.00	51.51	Vertical
3760.0253	-52.40	-13.00	39.40	Vertical
5640.0880	-49.56	-13.00	36.56	Vertical
9400.2133	-37.79	-13.00	24.79	Vertical
13159.8387	-37.35	-13.00	24.35	Vertical
17975.4992	-34.49	-13.00	21.49	Vertical
45.0843	-64.04	-13.00	51.04	Horizontal
230.3150	-67.51	-13.00	54.51	Horizontal
3760.0253	-50.08	-13.00	37.08	Horizontal
5640.0880	-46.16	-13.00	33.16	Horizontal
13159.8387	-41.33	-13.00	28.33	Horizontal
16380.9460	-38.04	-13.00	25.04	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization	
108.7194	-64.31	-13.00	51.31	Vertical	
447.7514	-66.69	-13.00	53.69	Vertical	
3700.5234	-43.83	-13.00	30.83	Vertical	
7400.6467	-43.38	-13.00	30.38	Vertical	
12951.3317	-37.26	-13.00	24.26	Vertical	
17994.9998	-34.53	-13.00	21.53	Vertical	
43.3382	-64.25	-13.00	51.25	Horizontal	
235.2623	-67.69	-13.00	54.69	Horizontal	
3700.5234	-44.95	-13.00	31.95	Horizontal	
5550.5850	-47.73	-13.00	34.73	Horizontal	
12951.3317	-39.37	-13.00	26.37	Horizontal	
16388.4463	-38.60	-13.00	25.60	Horizontal	

7.1.3. Test Channel = HCH

7:1:3. Test Ghanner - 11011								
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization				
119.9720	-64.54	-13.00	51.54	Vertical				
3819.5273	-46.32	-13.00	33.32	Vertical				
5729.5910	5729.5910 -49.01		36.01	Vertical				
9548.7183	-34.11	-13.00	21.11	Vertical				



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Report No.: ZR/2019/B000401

Page: 59 of 64

13368.3456	-37.89	-13.00	24.89	Vertical	
17996.9999	-34.49	-13.00	21.49	Vertical	
42.5136	-64.21	-13.00	51.21	Horizontal	
227.4534	-68.02	-13.00	55.02	Horizontal	
3819.5273	-46.86	-13.00	33.86	Horizontal	
5729.5910	-48.81	-13.00	35.81	Horizontal	
9548.7183	-44.62	-13.00	31.62	Horizontal	
16398.4466	-38.81	-13.00	25.81	Horizontal	

7.2. Test Band = GSM 850

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.9691	-63.57	-13.00	50.57	Vertical
1673.3347	-41.41	-13.00	28.41	Vertical
2509.5019	-46.06	-13.00	33.06	Vertical
3346.5116	-51.54	-13.00	38.54	Vertical
4183.0394	-37.14	-13.00	24.14	Vertical
17987.9996	-33.80	-13.00	20.80	Vertical
231.9641	-66.92	-13.00	53.92	Horizontal
1673.3347	-35.84	-13.00	22.84	Horizontal
2509.9020	-39.51	-13.00	26.51	Horizontal
3346.5116	-44.57	-13.00	31.57	Horizontal
4182.5394	-38.38	-13.00	25.38	Horizontal
16377.4459	-38.32	-13.00	25.32	Horizontal

7.2.2. Test Channel = MCH

7.2.2. Test Channel = MCH								
Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization				
119.5355	-64.13	-13.00	51.13	Vertical				
1648.5297	-44.84	-13.00	31.84	Vertical				
2472.6945	-48.84	-13.00	35.84	Vertical				
3297.0099	-47.69	-13.00	34.69	Vertical				
4121.0374	-41.81	-13.00	28.81	Vertical				
17995.9999	-34.21	-13.00	21.21	Vertical				
40.1370	-62.42	-13.00	49.42	Horizontal				
1648.1296	-39.79	-13.00	26.79	Horizontal				
2472.2945	-44.78	-13.00	31.78	Horizontal				
3297.0099	-43.38	-13.00	30.38	Horizontal				
4121.0374	-41.51	-13.00	28.51	Horizontal				
16382.9461	-38.37	-13.00	25.37	Horizontal				



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Report No.: ZR/2019/B000401

Page: 60 of 64

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
111.2416	-64.42	-13.00	51.42	Vertical
1697.7395	-39.73	-13.00	26.73	Vertical
2546.7093	-46.76	-13.00	33.76	Vertical
3395.5132	-49.67	-13.00	36.67	Vertical
4244.0415	-39.73	-13.00	26.73	Vertical
17994.9998	-34.51	-13.00	21.51	Vertical
39.7975	-62.85	-13.00	49.85	Horizontal
1697.3395	-34.39	-13.00	21.39	Horizontal
2546.3093	-43.53	-13.00	30.53	Horizontal
3395.5132	-44.92	-13.00	31.92	Horizontal
4244.0415	-42.41	-13.00	29.41	Horizontal
16393.9465	-38.38	-13.00	25.38	Horizontal

Remark:

- 1) According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.



Report No.: ZR/2019/B000401

Page: 61 of 64

3)

8. Frequency Stability

8.1. Frequency Error Vs Voltage

Band Channel Voltage (Vdc) Temperature (Vdc) Deviation (Hz) Qeviation (ppm) Limit (ppm) Verdict (ppm) GSM850 128 VL TN 0.81 0.000979 ±2.5 PASS GSM850 128 VN TN -1.74 -0.002115 ±2.5 PASS GSM850 190 VL TN -0.99 0.001081 ±2.5 PASS GSM850 190 VL TN 0.99 0.001081 ±2.5 PASS GSM850 190 VH TN 1.97 0.002354 ±2.5 PASS GSM850 190 VH TN 1.126 -0.001483 ±2.5 PASS GSM850 251 VH TN 1.146 -0.001712 ±2.5 PASS GSM850 251 VH TN 1.1.65 0.001940 ±2.5 PASS GSM850 125 VH TN 1.1.42 -0.001724 ±2.5 PASS								
GSM850 128 VN TN -1.74 -0.002115 ±2.5 PASS GSM850 128 VH TN -2.55 -0.003095 ±2.5 PASS GSM850 190 VL TN 0.90 0.001081 ±2.5 PASS GSM850 190 VN TN 0.58 0.000695 ±2.5 PASS GSM850 190 VH TN 1.97 0.002354 ±2.5 PASS GSM850 251 VL TN -1.26 -0.001483 ±2.5 PASS GSM850 251 VL TN -1.45 -0.001712 ±2.5 PASS GSM850 251 VH TN 1.45 -0.001712 ±2.5 PASS GSM850 128 VL TN 1.142 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.00628 ±2.5 PASS EGPRS850 190 VL </th <th>Band</th> <th>Channel</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Verdict</th>	Band	Channel						Verdict
GSM850 128 VH TN -2.55 -0.003095 ±2.5 PASS GSM850 190 VL TN 0.90 0.001081 ±2.5 PASS GSM850 190 VN TN 0.58 0.000695 ±2.5 PASS GSM850 190 VH TN 1.97 0.002354 ±2.5 PASS GSM850 251 VL TN -1.26 -0.001483 ±2.5 PASS GSM850 251 VN TN -1.45 -0.001712 ±2.5 PASS GSM850 251 VN TN -1.45 -0.001724 ±2.5 PASS EGPRS850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 2.74 0.003526 ±2.5 PASS EGPRS850 190	GSM850	128	VL	TN	0.81	0.000979	±2.5	PASS
GSM850 190 VL TN 0.90 0.001081 ±2.5 PASS GSM850 190 VN TN 0.58 0.000695 ±2.5 PASS GSM850 190 VH TN 1.97 0.002354 ±2.5 PASS GSM850 251 VL TN 1.126 -0.001483 ±2.5 PASS GSM850 251 VN TN 1.45 -0.001712 ±2.5 PASS GSM850 251 VH TN 1.65 0.001940 ±2.5 PASS GSM850 251 VH TN 1.65 0.001940 ±2.5 PASS GSR850 128 VL TN 1.42 -0.001724 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VH	GSM850	128	VN	TN	-1.74	-0.002115	±2.5	PASS
GSM850 190 VN TN 0.58 0.000695 ±2.5 PASS GSM850 190 VH TN 1.97 0.002354 ±2.5 PASS GSM850 251 VL TN -1.26 -0.001483 ±2.5 PASS GSM850 251 VN TN -1.45 -0.001712 ±2.5 PASS GSM850 251 VH TN -1.65 -0.001940 ±2.5 PASS GSM850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VH TN 1.100 -0.001196 ±2.5 PASS EGPRS850 251 <t< td=""><td>GSM850</td><td>128</td><td>VH</td><td>TN</td><td>-2.55</td><td>-0.003095</td><td>±2.5</td><td>PASS</td></t<>	GSM850	128	VH	TN	-2.55	-0.003095	±2.5	PASS
GSM850 190 VH TN 1.97 0.002354 ±2.5 PASS GSM850 251 VL TN -1.26 -0.001483 ±2.5 PASS GSM850 251 VN TN -1.45 -0.001712 ±2.5 PASS GSM850 251 VH TN -1.45 -0.001724 ±2.5 PASS EGPRS850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VN TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN 5.81 0.001196 ±2.5 PASS EGPRS850 251	GSM850	190	VL	TN	0.90	0.001081	±2.5	PASS
GSM850 251 VL TN -1.26 -0.001483 ±2.5 PASS GSM850 251 VN TN -1.45 -0.001712 ±2.5 PASS GSM850 251 VN TN -1.45 -0.001724 ±2.5 PASS EGPRS850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VH TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251	GSM850	190	VN	TN	0.58	0.000695	±2.5	PASS
GSM850 251 VN TN -1.45 -0.001712 ±2.5 PASS GSM850 251 VH TN 1.65 0.001940 ±2.5 PASS EGPRS850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006487 ±2.5 PASS EGPRS850 251 VN TN 0.19 0.000228 ±2.5 PASS EGPRS850 251	GSM850	190	VH	TN	1.97	0.002354	±2.5	PASS
GSM850 251 VH TN 1.65 0.001940 ±2.5 PASS EGPRS850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.006481 ±2.5 PASS GSM1900 512	GSM850	251	VL	TN	-1.26	-0.001483	±2.5	PASS
EGPRS850 128 VL TN -1.42 -0.001724 ±2.5 PASS EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 190 VH TN -5.81 0.006847 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512	GSM850	251	VN	TN	-1.45	-0.001712	±2.5	PASS
EGPRS850 128 VN TN 5.13 0.006228 ±2.5 PASS EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN 5.81 0.0061196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512	GSM850	251	VH	TN	1.65	0.001940	±2.5	PASS
EGPRS850 128 VH TN 2.91 0.003526 ±2.5 PASS EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VN TN 0.19 0.000228 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512	EGPRS850	128	VL	TN	-1.42	-0.001724	±2.5	PASS
EGPRS850 190 VL TN 1.74 0.002084 ±2.5 PASS EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 <	EGPRS850	128	VN	TN	5.13	0.006228	±2.5	PASS
EGPRS850 190 VN TN 5.13 0.006136 ±2.5 PASS EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 <td< td=""><td>EGPRS850</td><td>128</td><td>VH</td><td>TN</td><td>2.91</td><td>0.003526</td><td>±2.5</td><td>PASS</td></td<>	EGPRS850	128	VH	TN	2.91	0.003526	±2.5	PASS
EGPRS850 190 VH TN -1.00 -0.001196 ±2.5 PASS EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 <td< td=""><td>EGPRS850</td><td>190</td><td>VL</td><td>TN</td><td>1.74</td><td>0.002084</td><td>±2.5</td><td>PASS</td></td<>	EGPRS850	190	VL	TN	1.74	0.002084	±2.5	PASS
EGPRS850 251 VL TN 5.81 0.006847 ±2.5 PASS EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VL TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH	EGPRS850	190	VN	TN	5.13	0.006136	±2.5	PASS
EGPRS850 251 VN TN 0.94 0.001103 ±2.5 PASS EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VH TN 7.04 0.003685 ±2.5 PASS EGPRS1900 512 V	EGPRS850	190	VH	TN	-1.00	-0.001196	±2.5	PASS
EGPRS850 251 VH TN 0.19 0.000228 ±2.5 PASS GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL	EGPRS850	251	VL	TN	5.81	0.006847	±2.5	PASS
GSM1900 512 VL TN 8.17 0.004415 ±2.5 PASS GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 V	EGPRS850	251	VN	TN	0.94	0.001103	±2.5	PASS
GSM1900 512 VN TN 7.26 0.003926 ±2.5 PASS GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 <t< td=""><td>EGPRS850</td><td>251</td><td>VH</td><td>TN</td><td>0.19</td><td>0.000228</td><td>±2.5</td><td>PASS</td></t<>	EGPRS850	251	VH	TN	0.19	0.000228	±2.5	PASS
GSM1900 512 VH TN 13.79 0.007451 ±2.5 PASS GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661	GSM1900	512	VL	TN	8.17	0.004415	±2.5	PASS
GSM1900 661 VL TN 8.56 0.004551 ±2.5 PASS GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661	GSM1900	512	VN	TN	7.26	0.003926	±2.5	PASS
GSM1900 661 VN TN 13.04 0.006938 ±2.5 PASS GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 810	GSM1900	512	VH	TN	13.79	0.007451	±2.5	PASS
GSM1900 661 VH TN 8.81 0.004688 ±2.5 PASS GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810	GSM1900	661	VL	TN	8.56	0.004551	±2.5	PASS
GSM1900 810 VL TN 7.30 0.003821 ±2.5 PASS GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810	GSM1900	661	VN	TN	13.04	0.006938	±2.5	PASS
GSM1900 810 VN TN 7.04 0.003685 ±2.5 PASS GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	GSM1900	661	VH	TN	8.81	0.004688	±2.5	PASS
GSM1900 810 VH TN 5.46 0.002857 ±2.5 PASS EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	GSM1900	810	VL	TN	7.30	0.003821	±2.5	PASS
EGPRS1900 512 VL TN 0.58 0.000314 ±2.5 PASS EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	GSM1900	810	VN	TN	7.04	0.003685	±2.5	PASS
EGPRS1900 512 VN TN 1.55 0.000838 ±2.5 PASS EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	GSM1900	810	VH	TN	5.46	0.002857	±2.5	PASS
EGPRS1900 512 VH TN 13.33 0.007207 ±2.5 PASS EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	EGPRS1900	512	VL	TN	0.58	0.000314	±2.5	PASS
EGPRS1900 661 VL TN 8.62 0.004585 ±2.5 PASS EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	EGPRS1900	512	VN	TN	1.55	0.000838	±2.5	PASS
EGPRS1900 661 VN TN 10.98 0.005839 ±2.5 PASS EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	EGPRS1900	512	VH	TN	13.33	0.007207	±2.5	PASS
EGPRS1900 661 VH TN 6.52 0.003469 ±2.5 PASS EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	EGPRS1900	661	VL	TN	8.62	0.004585	±2.5	PASS
EGPRS1900 810 VL TN 11.59 0.006069 ±2.5 PASS EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	EGPRS1900	661	VN	TN	10.98	0.005839	±2.5	PASS
EGPRS1900 810 VN TN 8.56 0.004480 ±2.5 PASS	EGPRS1900	661	VH	TN	6.52	0.003469	±2.5	PASS
	EGPRS1900	810	VL	TN	11.59	0.006069	±2.5	PASS
EGPRS1900 810 VH TN 7.75 0.004057 ±2.5 PASS	EGPRS1900	810	VN	TN	8.56	0.004480	±2.5	PASS
	EGPRS1900	810	VH	TN	7.75	0.004057	±2.5	PASS





Report No.: ZR/2019/B000401

Page: 62 of 64

8.2. Frequency Error Vs Temperature

Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	4.39	0.005327	±2.5	PASS
GSM850	128	VN	-20	2.78	0.003369	±2.5	PASS
GSM850	128	VN	-10	-0.68	-0.000823	±2.5	PASS
GSM850	128	VN	0	-1.61	-0.001959	±2.5	PASS
GSM850	128	VN	10	-5.17	-0.006268	±2.5	PASS
GSM850	128	VN	20	-2.68	-0.003251	±2.5	PASS
GSM850	128	VN	30	-5.20	-0.006307	±2.5	PASS
GSM850	128	VN	40	-2.29	-0.002781	±2.5	PASS
GSM850	128	VN	50	-3.16	-0.003839	±2.5	PASS
GSM850	190	VN	-30	0.87	0.001042	±2.5	PASS
GSM850	190	VN	-20	2.20	0.002624	±2.5	PASS
GSM850	190	VN	-10	5.23	0.006252	±2.5	PASS
GSM850	190	VN	0	1.07	0.001274	±2.5	PASS
GSM850	190	VN	10	-1.68	-0.002007	±2.5	PASS
GSM850	190	VN	20	-2.39	-0.002856	±2.5	PASS
GSM850	190	VN	30	-1.23	-0.001466	±2.5	PASS
GSM850	190	VN	40	0.26	0.000309	±2.5	PASS
GSM850	190	VN	50	-2.39	-0.002856	±2.5	PASS
GSM850	251	VN	-30	0.58	0.000685	±2.5	PASS
GSM850	251	VN	-20	4.94	0.005820	±2.5	PASS
GSM850	251	VN	-10	1.87	0.002206	±2.5	PASS
GSM850	251	VN	0	-3.10	-0.003652	±2.5	PASS
GSM850	251	VN	10	-1.68	-0.001978	±2.5	PASS
GSM850	251	VN	20	2.29	0.002701	±2.5	PASS
GSM850	251	VN	30	-0.16	-0.000190	±2.5	PASS
GSM850	251	VN	40	-0.03	-0.000038	±2.5	PASS
GSM850	251	VN	50	-0.87	-0.001027	±2.5	PASS
EGPRS850	128	VN	-30	1.00	0.001214	±2.5	PASS
EGPRS850	128	VN	-20	3.39	0.004113	±2.5	PASS
EGPRS850	128	VN	-10	-0.71	-0.000862	±2.5	PASS
EGPRS850	128	VN	0	3.75	0.004544	±2.5	PASS
EGPRS850	128	VN	10	-1.32	-0.001606	±2.5	PASS
EGPRS850	128	VN	20	3.94	0.004779	±2.5	PASS
EGPRS850	128	VN	30	1.78	0.002154	±2.5	PASS
EGPRS850	128	VN	40	3.81	0.004622	±2.5	PASS
EGPRS850	128	VN	50	0.42	0.000509	±2.5	PASS
EGPRS850	190	VN	-30	1.16	0.001389	±2.5	PASS
EGPRS850	190	VN	-20	-1.61	-0.001930	±2.5	PASS
EGPRS850	190	VN	-10	1.58	0.001891	±2.5	PASS
EGPRS850	190	VN	0	-0.26	-0.000309	±2.5	PASS
EGPRS850	190	VN	10	3.10	0.003705	±2.5	PASS
EGPRS850	190	VN	20	0.58	0.000695	±2.5	PASS
EGPRS850	190	VN	30	3.07	0.003666	±2.5	PASS



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Report No.: ZR/2019/B000401

Page: 63 of 64

		T .		Т			
EGPRS850	190	VN	40	0.03	0.000039	±2.5	PASS
EGPRS850	190	VN	50	1.61	0.001930	±2.5	PASS
EGPRS850	251	VN	-30	0.68	0.000799	±2.5	PASS
EGPRS850	251	VN	-20	1.87	0.002206	±2.5	PASS
EGPRS850	251	VN	-10	1.26	0.001483	±2.5	PASS
EGPRS850	251	VN	0	0.16	0.000190	±2.5	PASS
EGPRS850	251	VN	10	-0.42	-0.000494	±2.5	PASS
EGPRS850	251	VN	20	-0.65	-0.000761	±2.5	PASS
EGPRS850	251	VN	30	0.65	0.000761	±2.5	PASS
EGPRS850	251	VN	40	-1.68	-0.001978	±2.5	PASS
EGPRS850	251	VN	50	3.13	0.003690	±2.5	PASS
GSM1900	512	VN	-30	8.59	0.004642	±2.5	PASS
GSM1900	512	VN	-20	9.91	0.005357	±2.5	PASS
GSM1900	512	VN	-10	12.82	0.006928	±2.5	PASS
GSM1900	512	VN	0	1.84	0.000995	±2.5	PASS
GSM1900	512	VN	10	0.19	0.000105	±2.5	PASS
GSM1900	512	VN	20	-1.36	-0.000733	±2.5	PASS
GSM1900	512	VN	30	-2.49	-0.001344	±2.5	PASS
GSM1900	512	VN	40	0.65	0.000349	±2.5	PASS
GSM1900	512	VN	50	1.45	0.000785	±2.5	PASS
GSM1900	661	VN	-30	11.36	0.006045	±2.5	PASS
GSM1900	661	VN	-20	11.24	0.005976	±2.5	PASS
GSM1900	661	VN	-10	6.97	0.003709	±2.5	PASS
GSM1900	661	VN	0	3.55	0.001889	±2.5	PASS
GSM1900	661	VN	10	3.58	0.001906	±2.5	PASS
GSM1900	661	VN	20	2.74	0.001460	±2.5	PASS
GSM1900	661	VN	30	0.45	0.000240	±2.5	PASS
GSM1900	661	VN	40	-1.81	-0.000962	±2.5	PASS
GSM1900	661	VN	50	1.78	0.000945	±2.5	PASS
GSM1900	810	VN	-30	7.04	0.003685	±2.5	PASS
GSM1900	810	VN	-20	7.59	0.003973	±2.5	PASS
GSM1900	810	VN	-10	4.94	0.003973	±2.5	PASS
GSM1900	810	VN	0	9.10	0.002367	±2.5	PASS
GSM1900	810	VN	10	0.06	0.00034	±2.5	PASS
GSM1900	810	VN	20	-0.39	-0.000203	±2.5	PASS
GSM1900	810	VN	30	-4.07	-0.00203	±2.5 ±2.5	PASS
GSM1900	810	VN	40	1.90	0.000997	±2.5 ±2.5	PASS
GSM1900 GSM1900	810	VN	50	1.45	0.000997	±2.5	PASS
EGPRS1900	512	VN	-30	2.26	0.000761	±2.5 ±2.5	PASS
EGPRS1900 EGPRS1900	512	VN	-30 -20	4.46	0.001221		PASS
EGPRS1900 EGPRS1900	512	VN	-20 -10	12.88	0.002408	±2.5 ±2.5	PASS
EGPRS1900 EGPRS1900		VN	0	8.39	0.006963	±2.5 ±2.5	PASS
-	512	VN	10				
EGPRS1900	512	-		4.04	0.002181	±2.5	PASS
EGPRS1900	512	VN	20	8.59	0.004642	±2.5	PASS
EGPRS1900	512	VN	30	2.55	0.001379	±2.5	PASS
EGPRS1900	512	VN	40	1.65	0.000890	±2.5	PASS
EGPRS1900	512	VN	50	-3.97	-0.002146	±2.5	PASS



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Report No.: ZR/2019/B000401

64 of 64 Page:

EGPRS1900	661	VN	-30	3.94	0.002095	±2.5	PASS
EGPRS1900	661	VN	-20	8.04	0.004276	±2.5	PASS
EGPRS1900	661	VN	-10	4.46	0.002370	±2.5	PASS
EGPRS1900	661	VN	0	10.91	0.005805	±2.5	PASS
EGPRS1900	661	VN	10	9.46	0.005032	±2.5	PASS
EGPRS1900	661	VN	20	4.71	0.002507	±2.5	PASS
EGPRS1900	661	VN	30	-2.16	-0.001151	±2.5	PASS
EGPRS1900	661	VN	40	-0.81	-0.000429	±2.5	PASS
EGPRS1900	661	VN	50	5.00	0.002662	±2.5	PASS
EGPRS1900	810	VN	-30	5.36	0.002806	±2.5	PASS
EGPRS1900	810	VN	-20	5.07	0.002654	±2.5	PASS
EGPRS1900	810	VN	-10	5.26	0.002756	±2.5	PASS
EGPRS1900	810	VN	0	8.65	0.004531	±2.5	PASS
EGPRS1900	810	VN	10	4.62	0.002417	±2.5	PASS
EGPRS1900	810	VN	20	4.84	0.002536	±2.5	PASS
EGPRS1900	810	VN	30	2.10	0.001099	±2.5	PASS
EGPRS1900	810	VN	40	3.20	0.001674	±2.5	PASS
EGPRS1900	810	VN	50	4.88	0.002553	±2.5	PASS

The End

