



Appendix B

GSM 850 & 1900



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1. Effective (Isotropic) Radiated Power Output Data

1.1. Test Result

Band	Channel	Slot	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
GSM850	128	---	33.07	27.88	38.45	PASS
GSM850	190	---	33.06	27.87	38.45	PASS
GSM850	251	---	33.06	27.87	38.45	PASS
EGPRS850	128	1	27.63	22.44	38.45	PASS
EGPRS850	128	2	25.92	20.73	38.45	PASS
EGPRS850	128	3	23.63	18.44	38.45	PASS
EGPRS850	128	4	22.86	17.67	38.45	PASS
EGPRS850	190	1	27.65	22.46	38.45	PASS
EGPRS850	190	2	25.93	20.74	38.45	PASS
EGPRS850	190	3	23.70	18.51	38.45	PASS
EGPRS850	190	4	22.91	17.72	38.45	PASS
EGPRS850	251	1	27.65	22.46	38.45	PASS
EGPRS850	251	2	25.94	20.75	38.45	PASS
EGPRS850	251	3	23.65	18.46	38.45	PASS
EGPRS850	251	4	22.72	17.53	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	30.44	30.44	33.00	PASS
GSM1900	661	---	30.31	30.31	33.00	PASS
GSM1900	810	---	30.37	30.37	33.00	PASS
EGPRS1900	512	1	26.97	26.97	33.00	PASS
EGPRS1900	512	2	25.45	25.45	33.00	PASS
EGPRS1900	512	3	23.48	23.48	33.00	PASS
EGPRS1900	512	4	22.47	22.47	33.00	PASS
EGPRS1900	661	1	26.81	26.81	33.00	PASS
EGPRS1900	661	2	25.48	25.48	33.00	PASS
EGPRS1900	661	3	23.46	23.46	33.00	PASS
EGPRS1900	661	4	22.27	22.27	33.00	PASS
EGPRS1900	810	1	26.80	26.80	33.00	PASS
EGPRS1900	810	2	25.42	25.42	33.00	PASS
EGPRS1900	810	3	23.48	23.48	33.00	PASS
EGPRS1900	810	4	22.26	22.26	33.00	PASS



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Remark:

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

$$ERP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBd]}$$

$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$



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2. Peak-to-Average Ratio

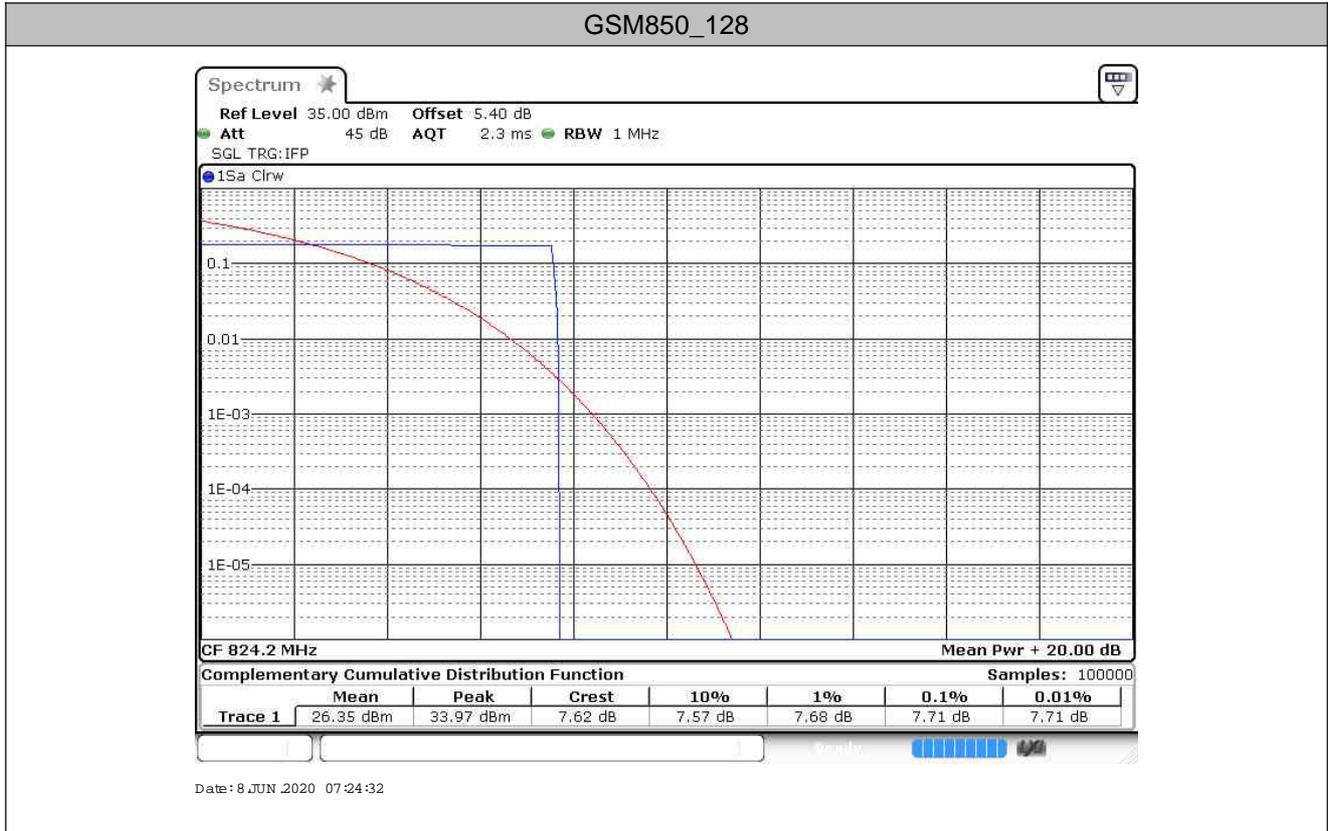
2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	7.71	13	PASS
GSM850	190	7.65	13	PASS
GSM850	251	7.68	13	PASS
EGPRS850	128	10.46	13	PASS
EGPRS850	190	10.43	13	PASS
EGPRS850	251	10.49	13	PASS
GSM1900	512	7.65	13	PASS
GSM1900	661	7.68	13	PASS
GSM1900	810	7.71	13	PASS
EGPRS1900	512	10.35	13	PASS
EGPRS1900	661	10.00	13	PASS
EGPRS1900	810	10.09	13	PASS



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2.2.Part II - Test Plots

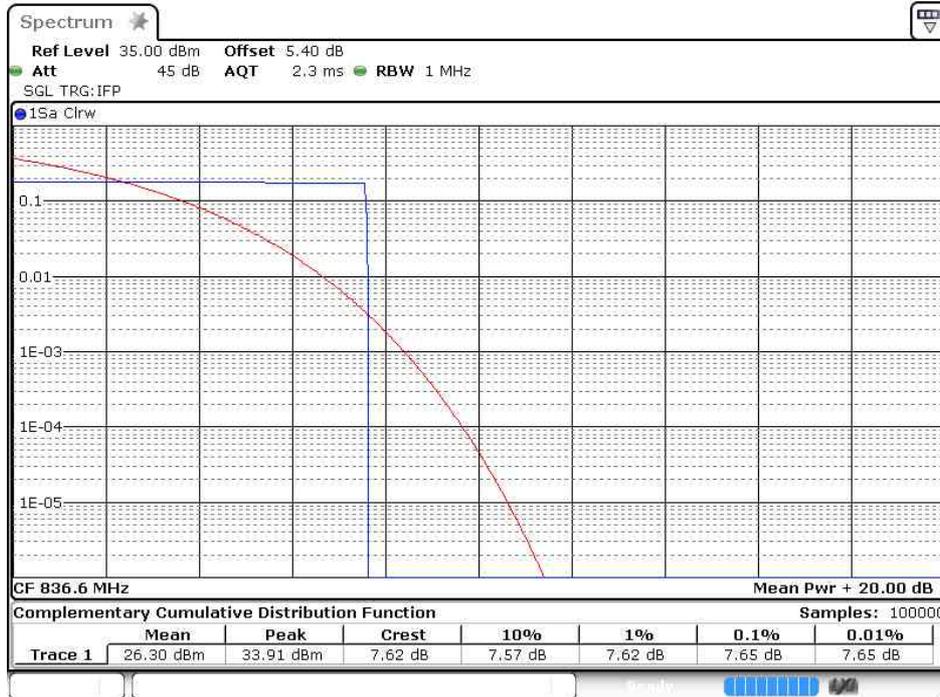


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GSM850_190



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GSM850_251

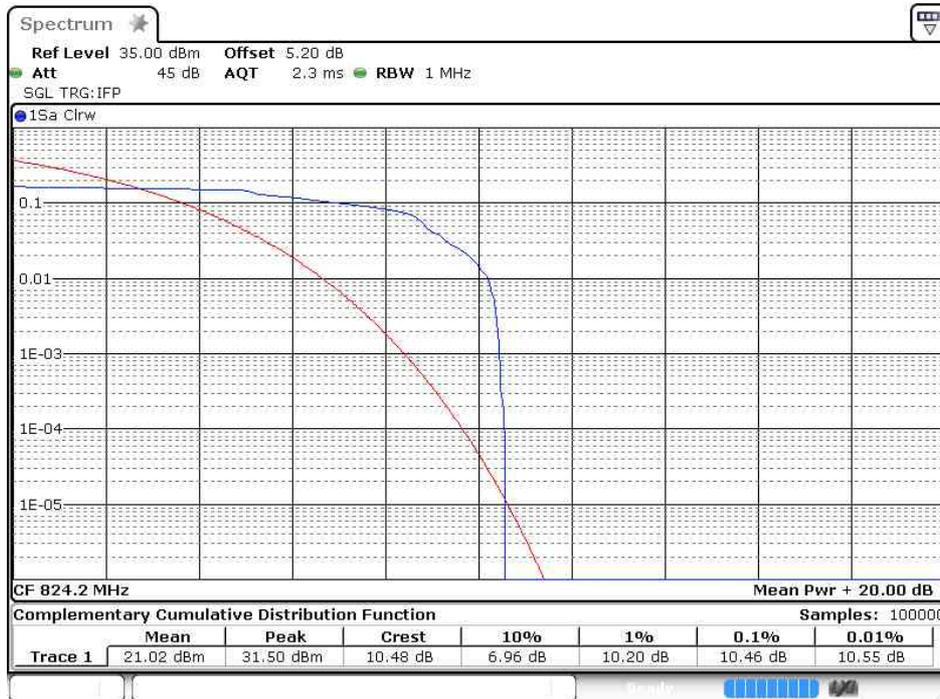


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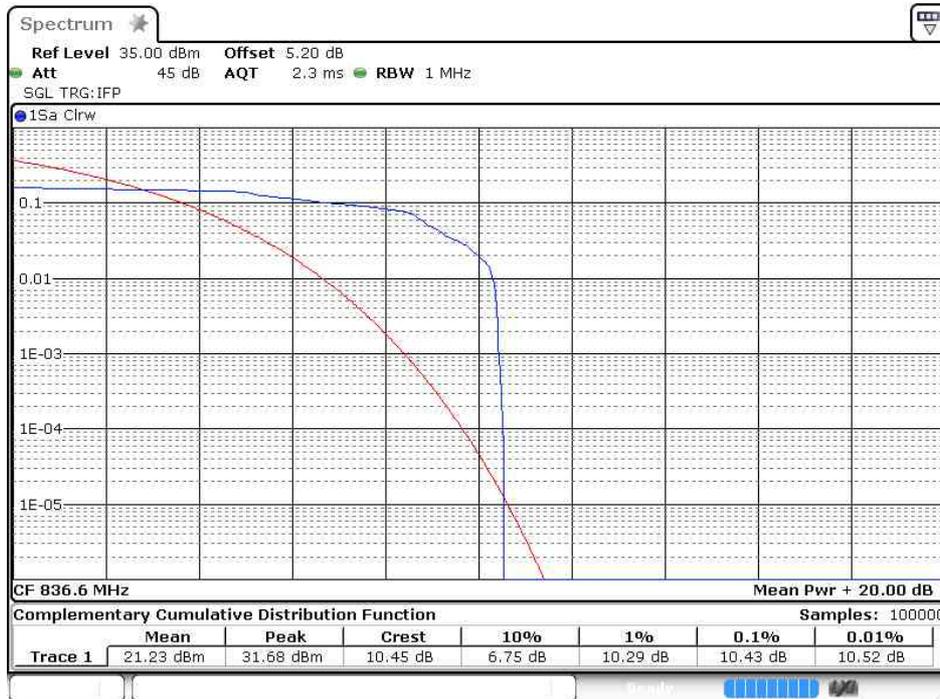


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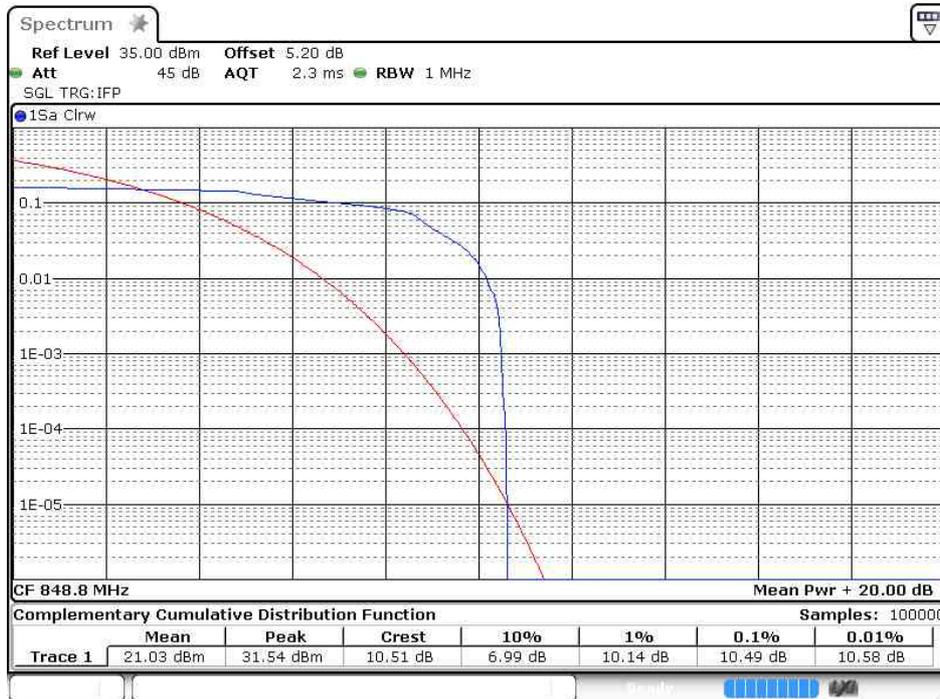


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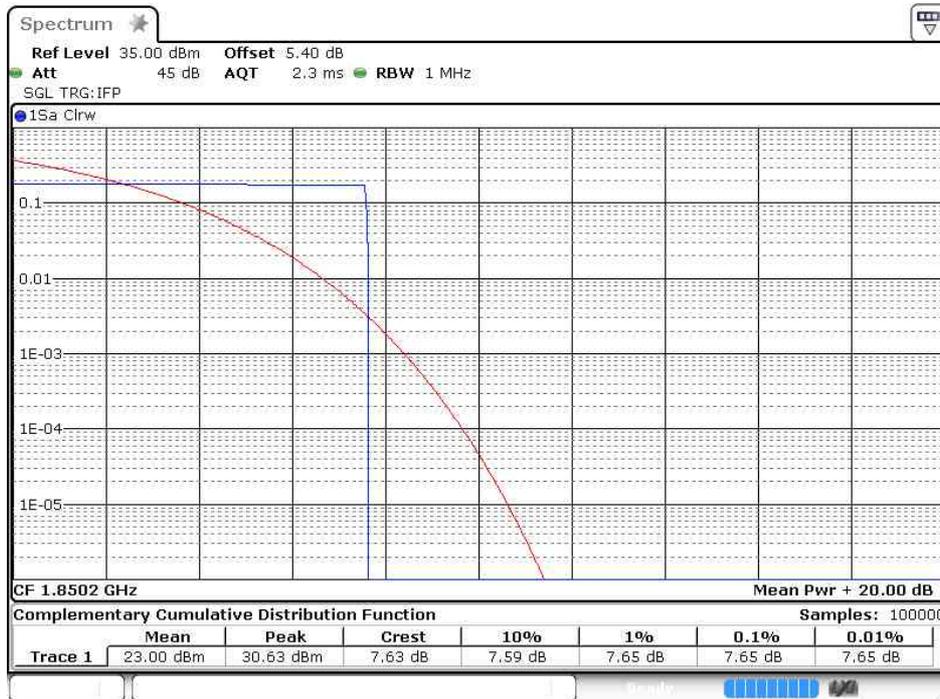


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GSM1900_512

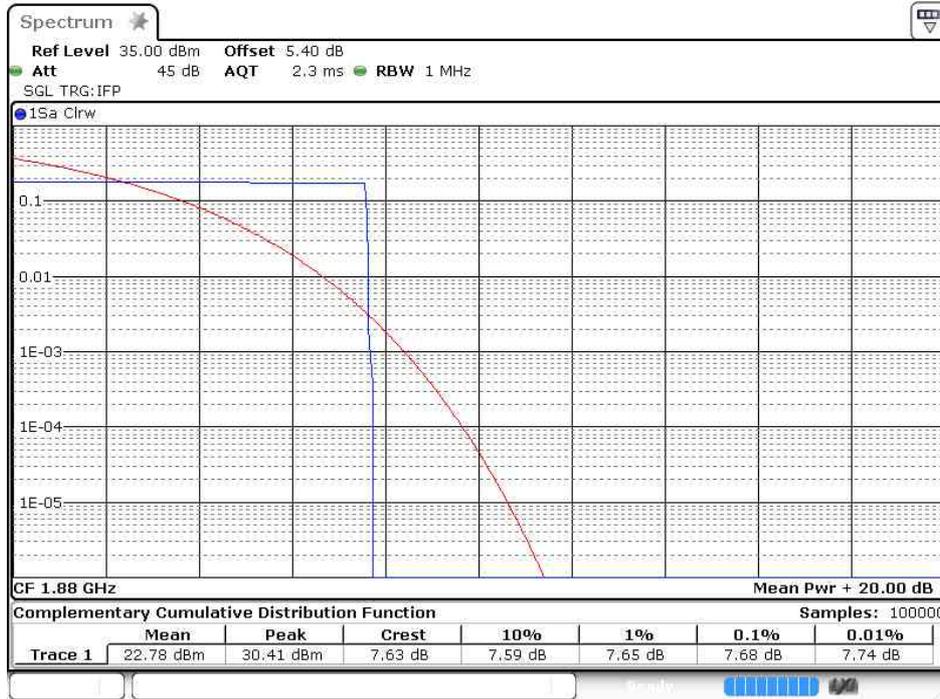


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GSM1900_661



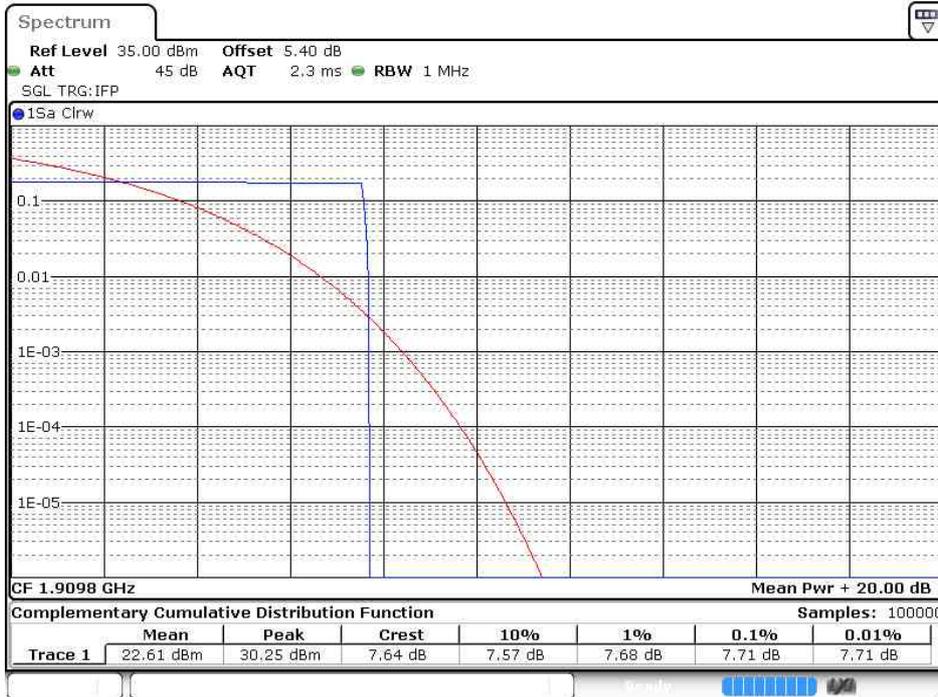
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GSM1900_810



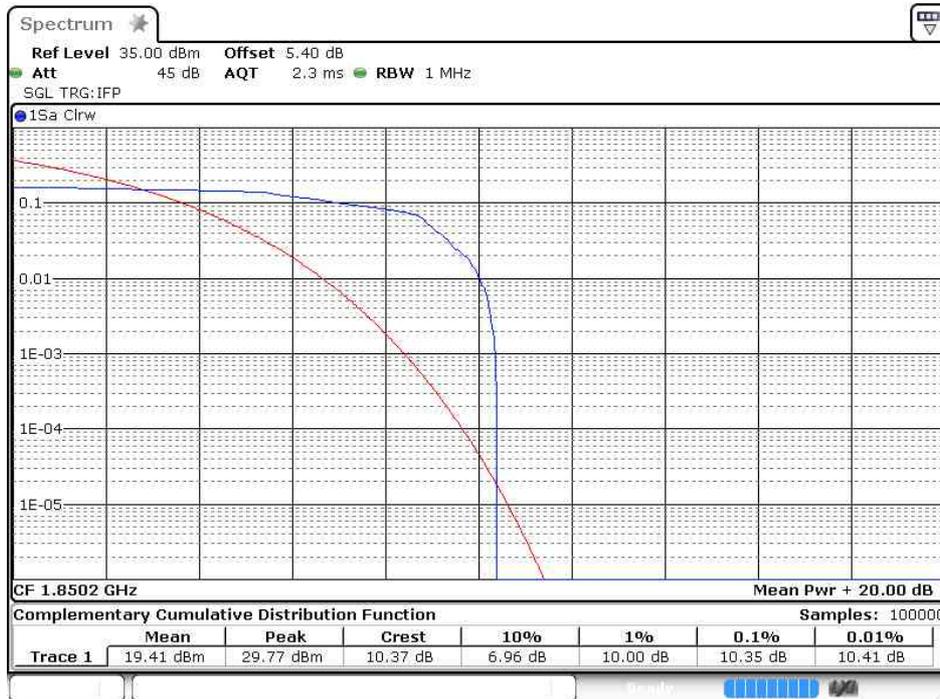
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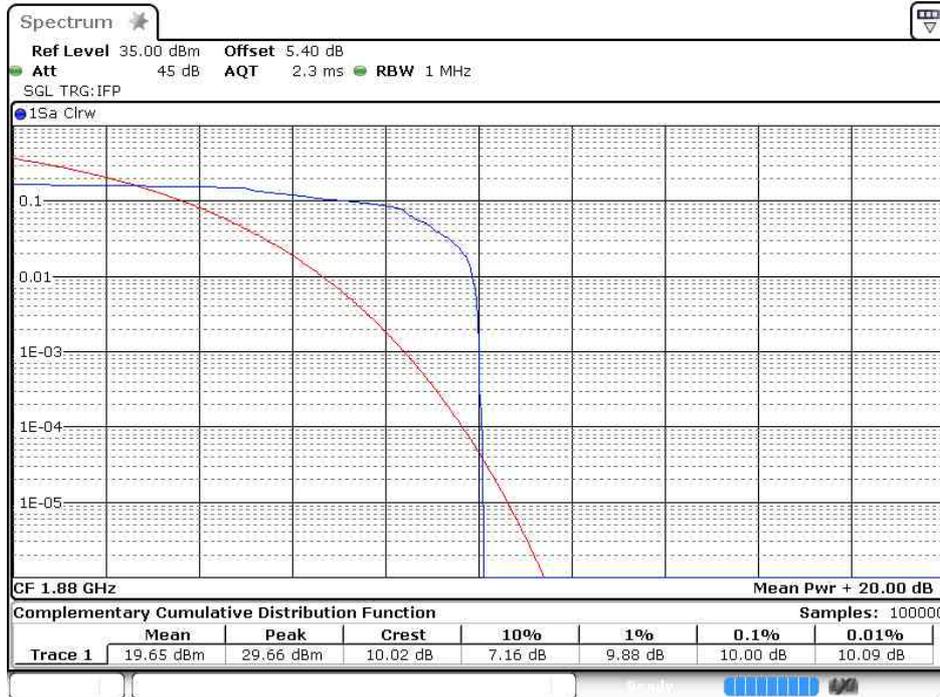
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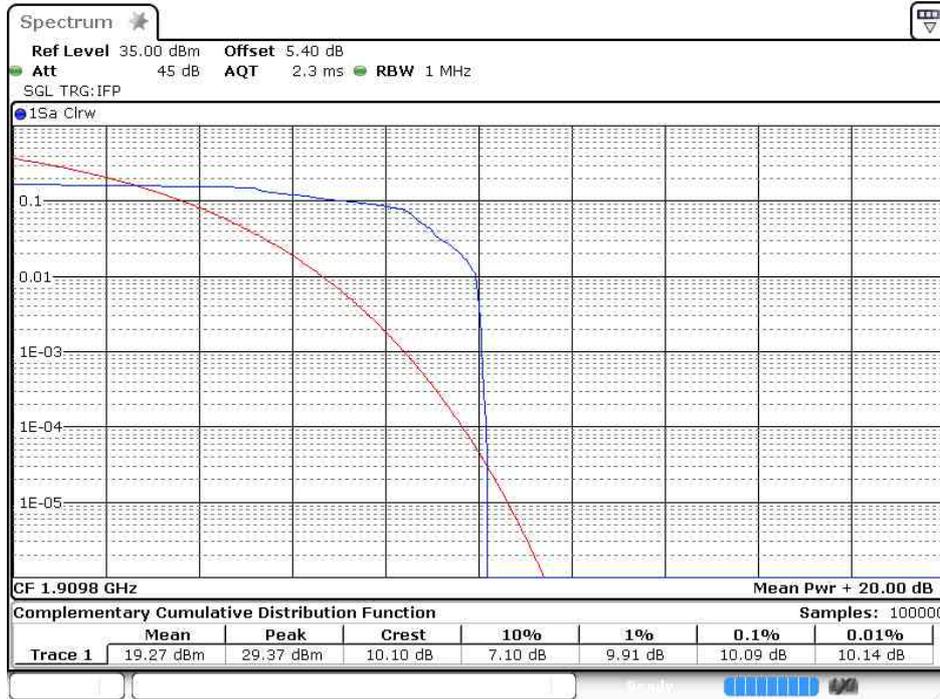


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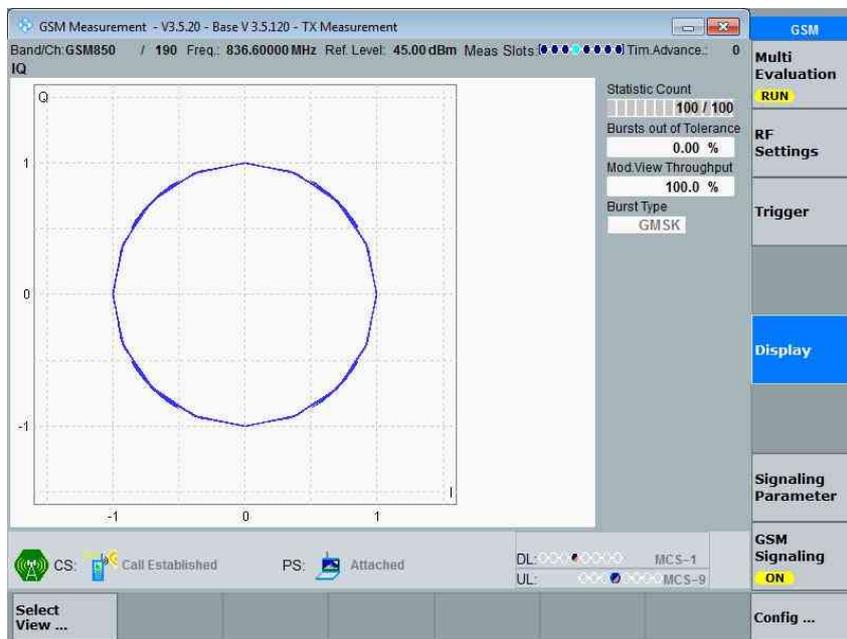
3. Modulation Characteristics

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



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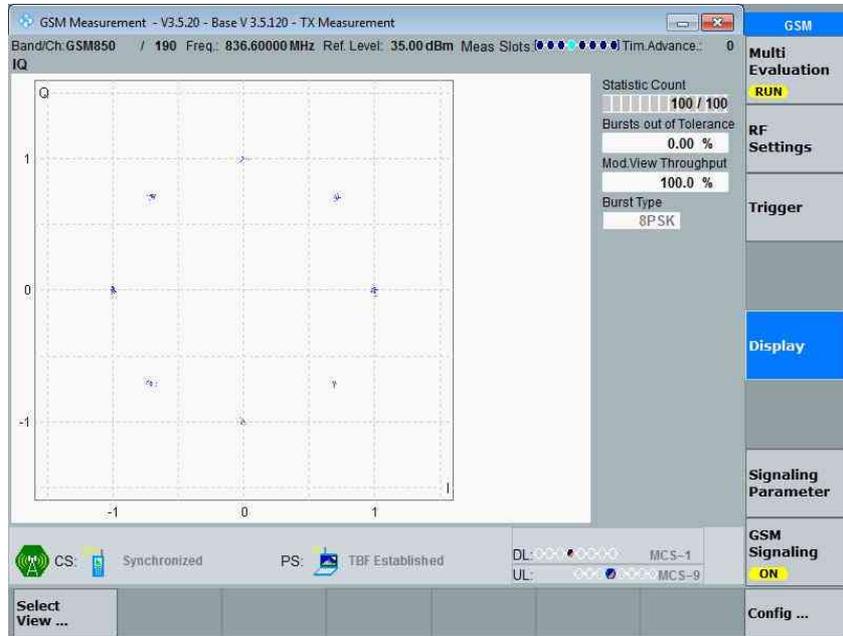
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3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



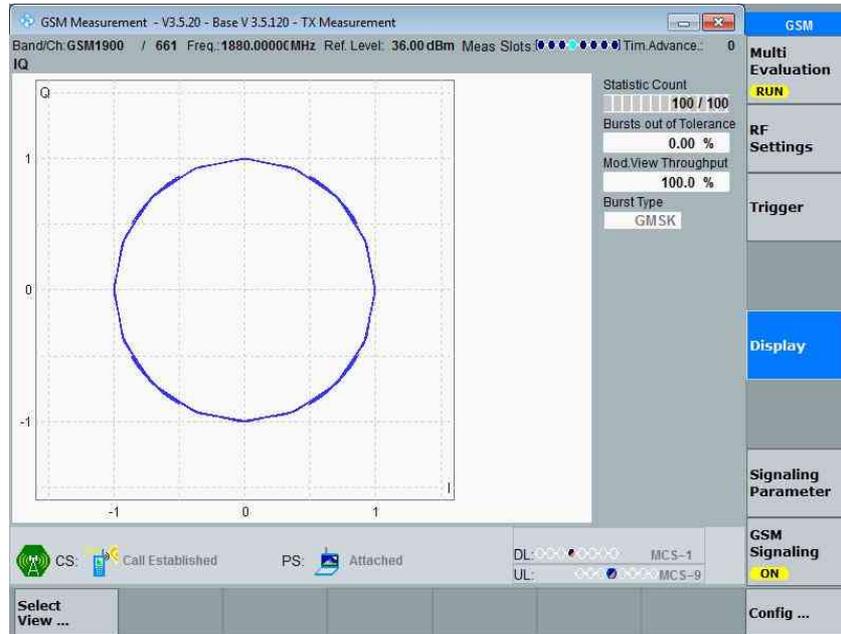
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3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

3.1.2.1.1. Test Channel = MCH

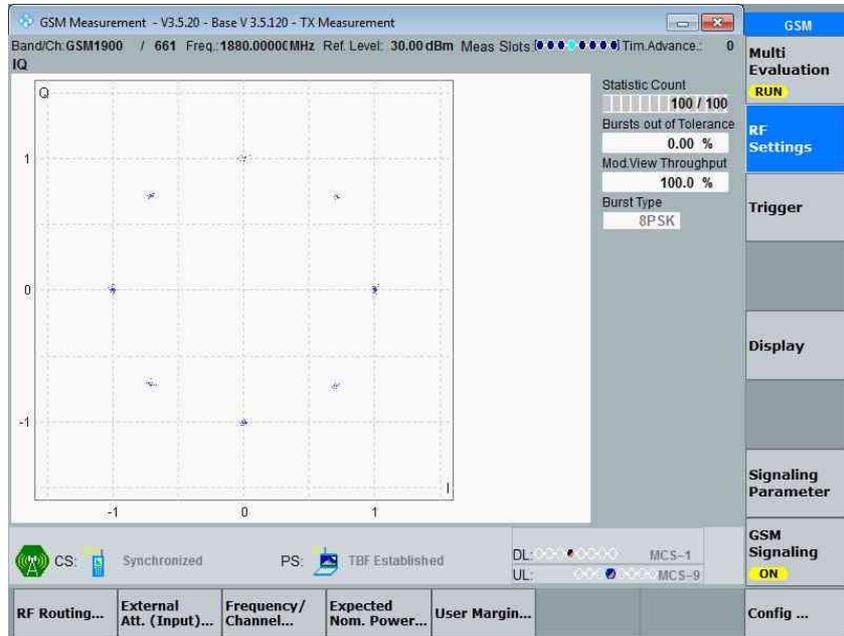


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3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



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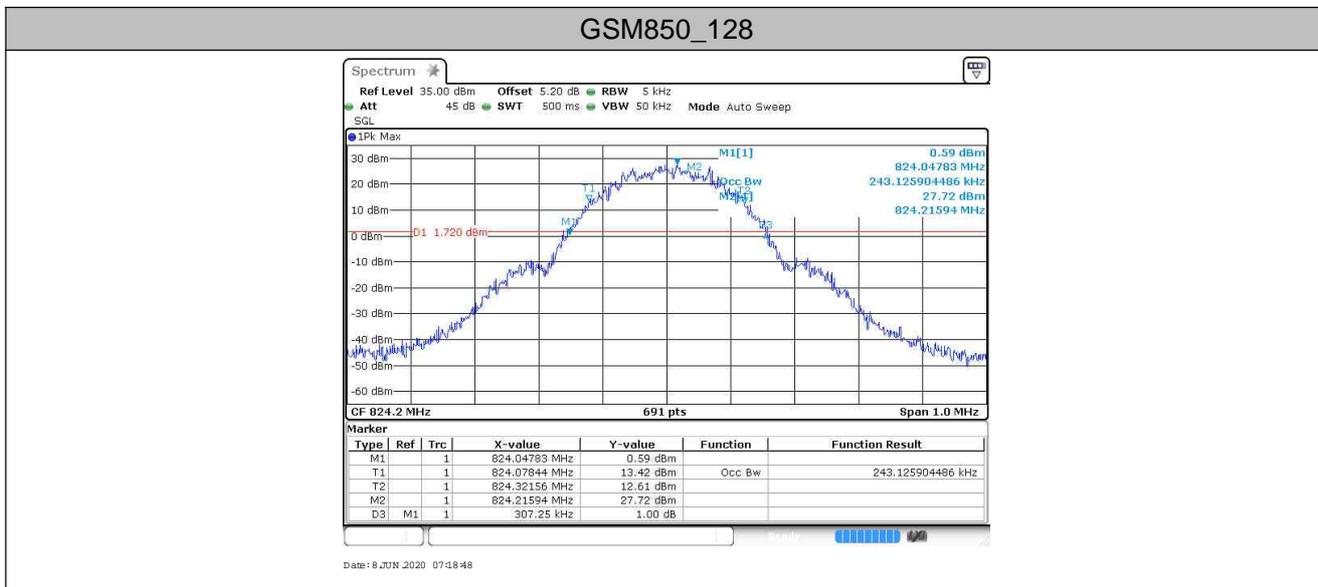


4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	243.13	307.25	---	PASS
GSM850	190	247.47	301.45	---	PASS
GSM850	251	247.47	305.80	---	PASS
EGPRS850	128	248.91	300.00	---	PASS
EGPRS850	190	247.47	302.90	---	PASS
EGPRS850	251	246.02	300.00	---	PASS
GSM1900	512	246.02	308.70	---	PASS
GSM1900	661	246.02	298.55	---	PASS
GSM1900	810	244.57	295.65	---	PASS
EGPRS1900	512	256.15	314.49	---	PASS
EGPRS1900	661	250.36	308.70	---	PASS
EGPRS1900	810	254.70	295.65	---	PASS

4.2. Test Plots

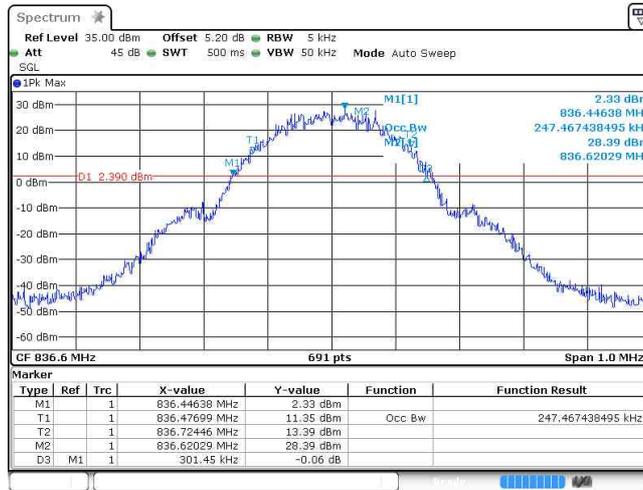


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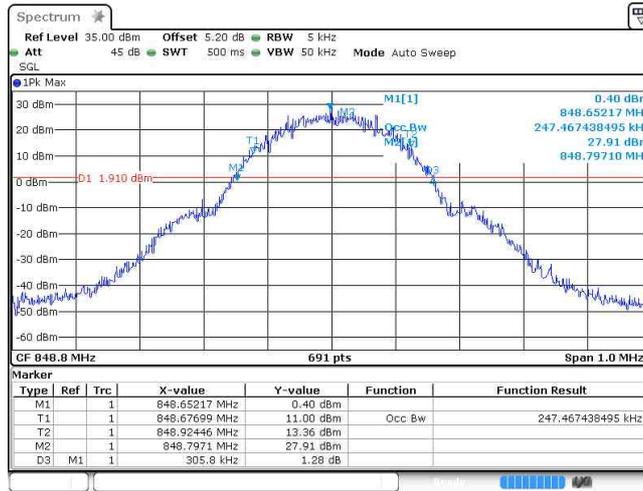
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GSM850_190



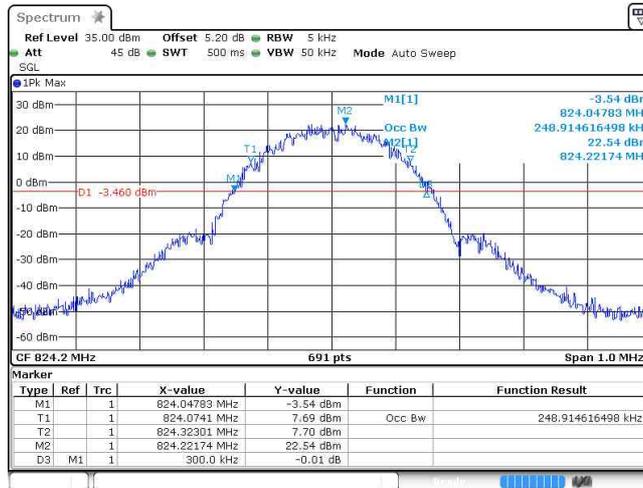
GSM850_251



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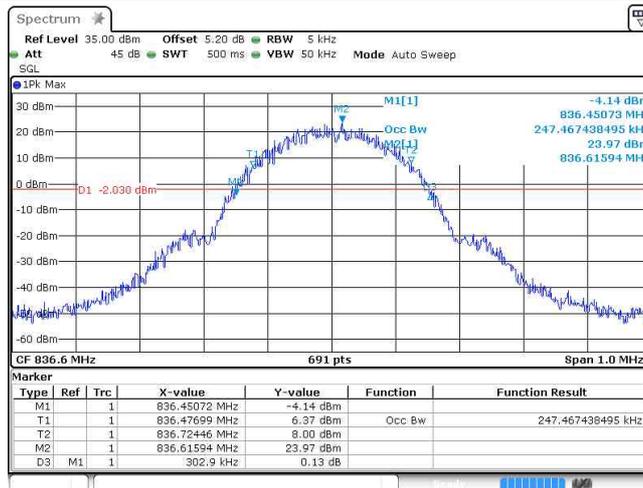


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EGPRS850_190

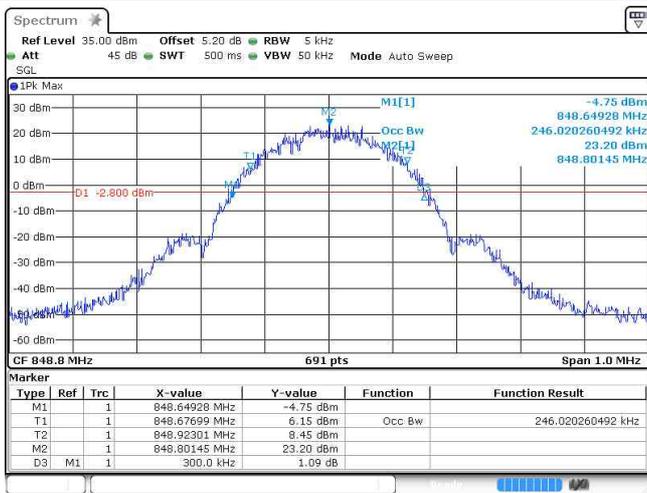


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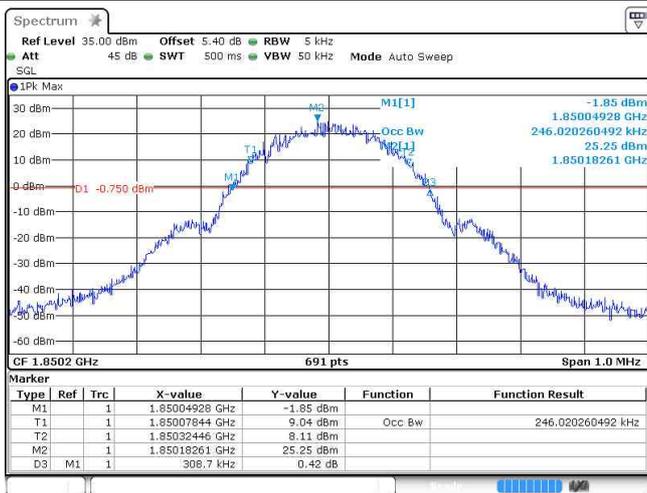
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GSM1900_512

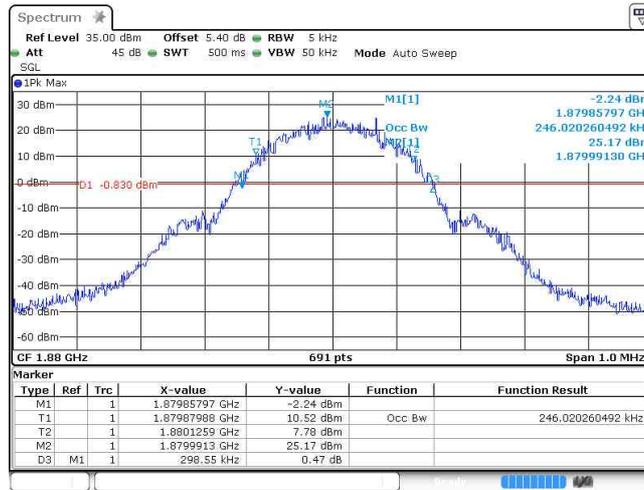


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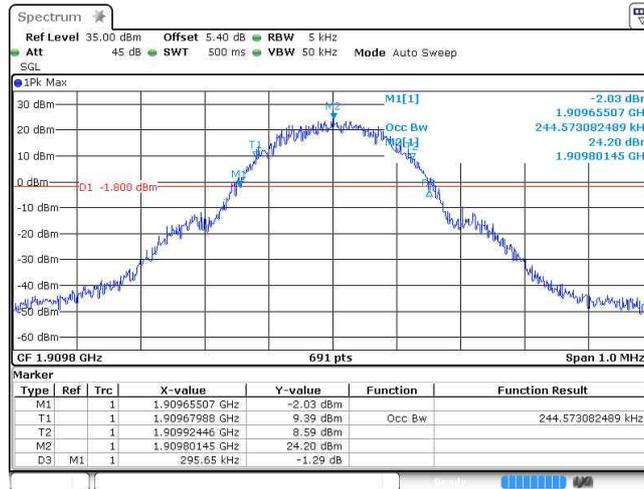


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GSM1900_661



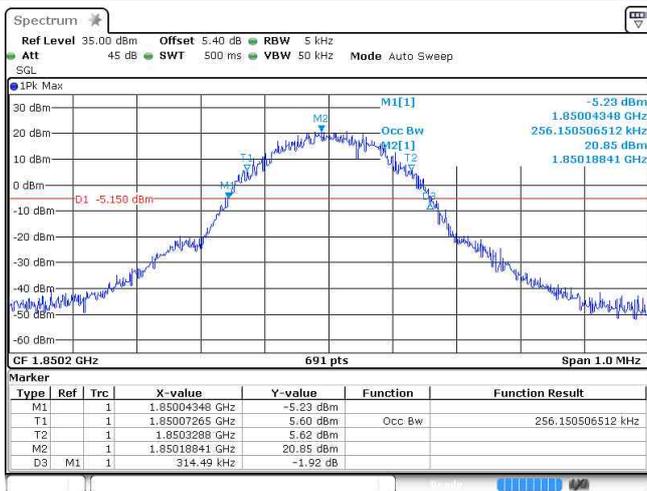
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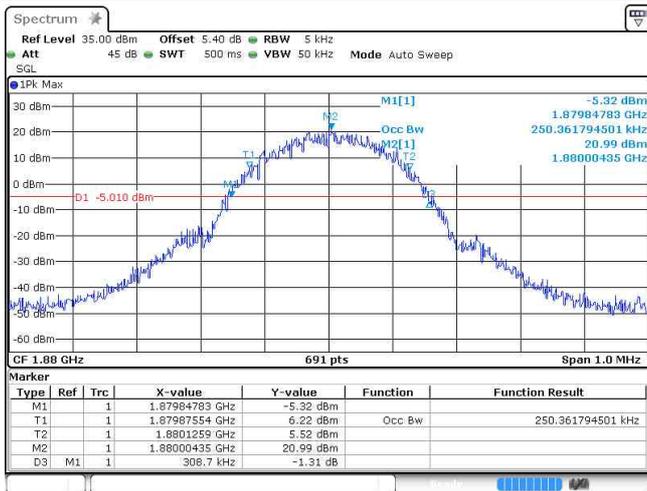
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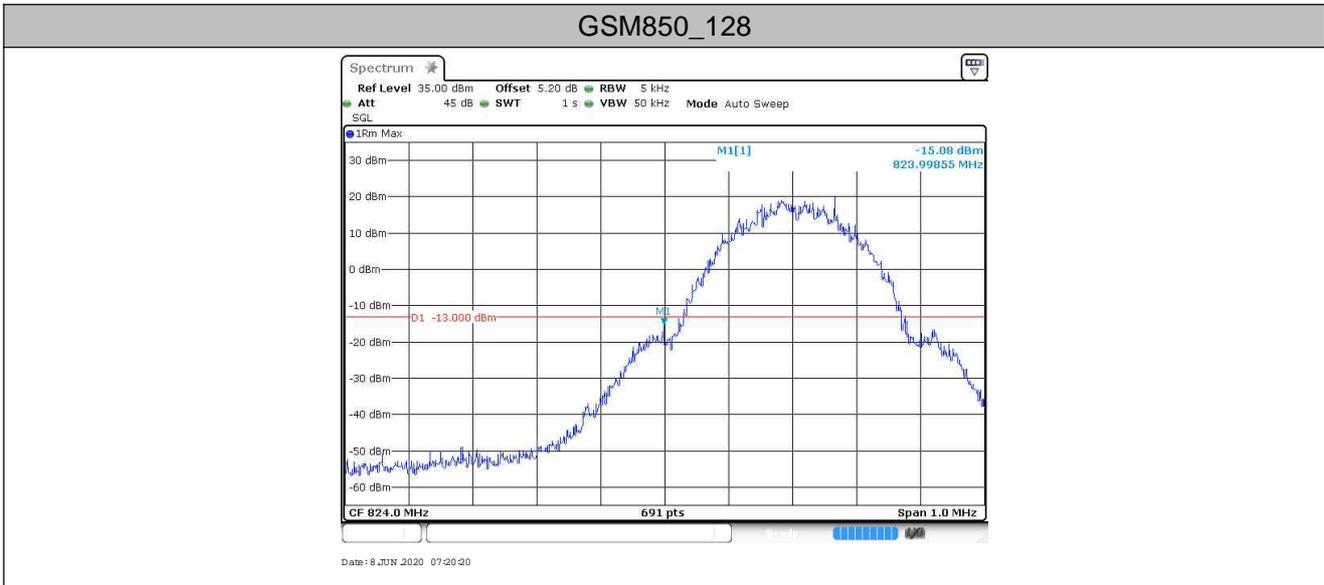
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5. Band Edge Compliance

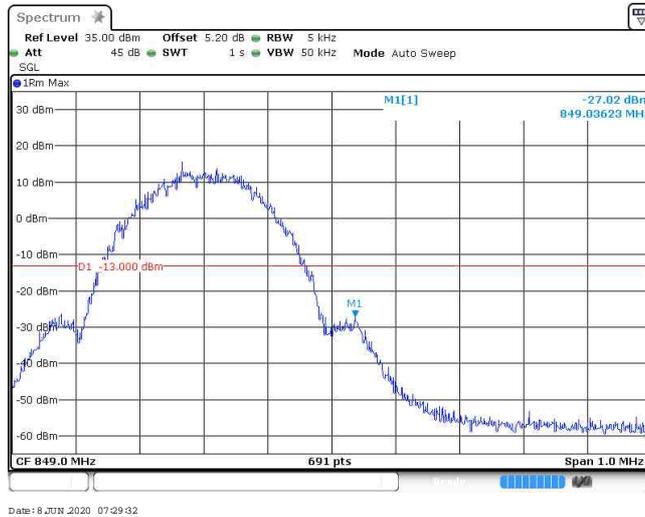
5.1. Test Plots



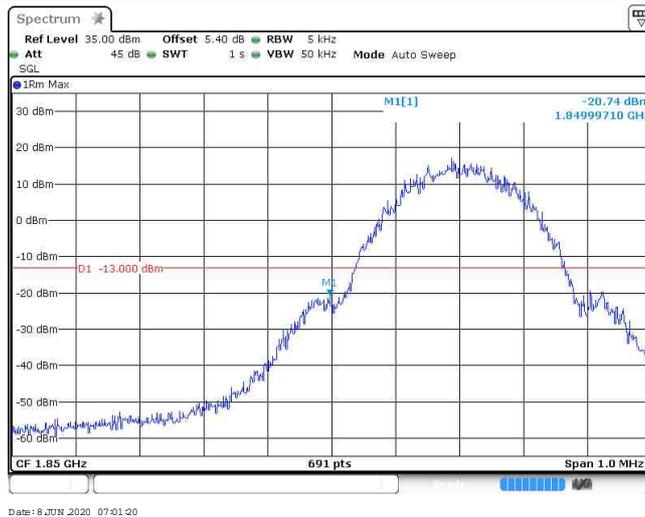
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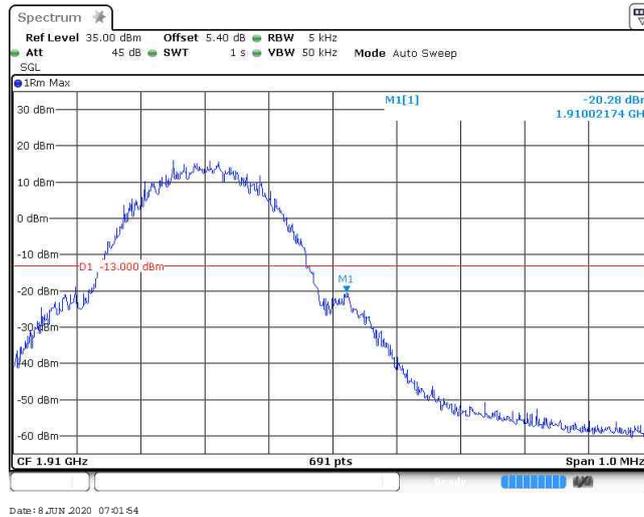


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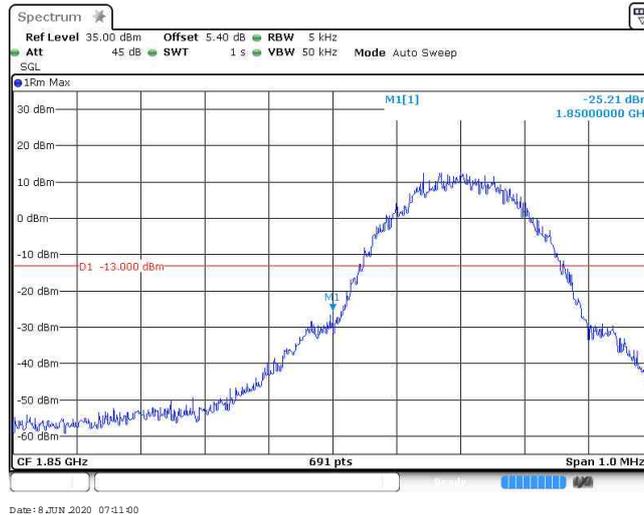


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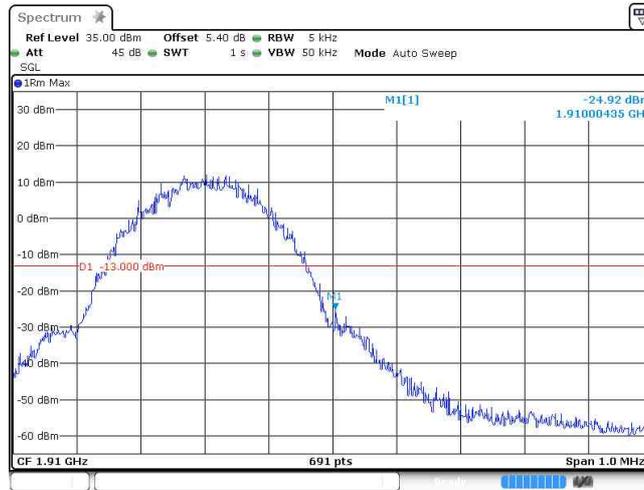


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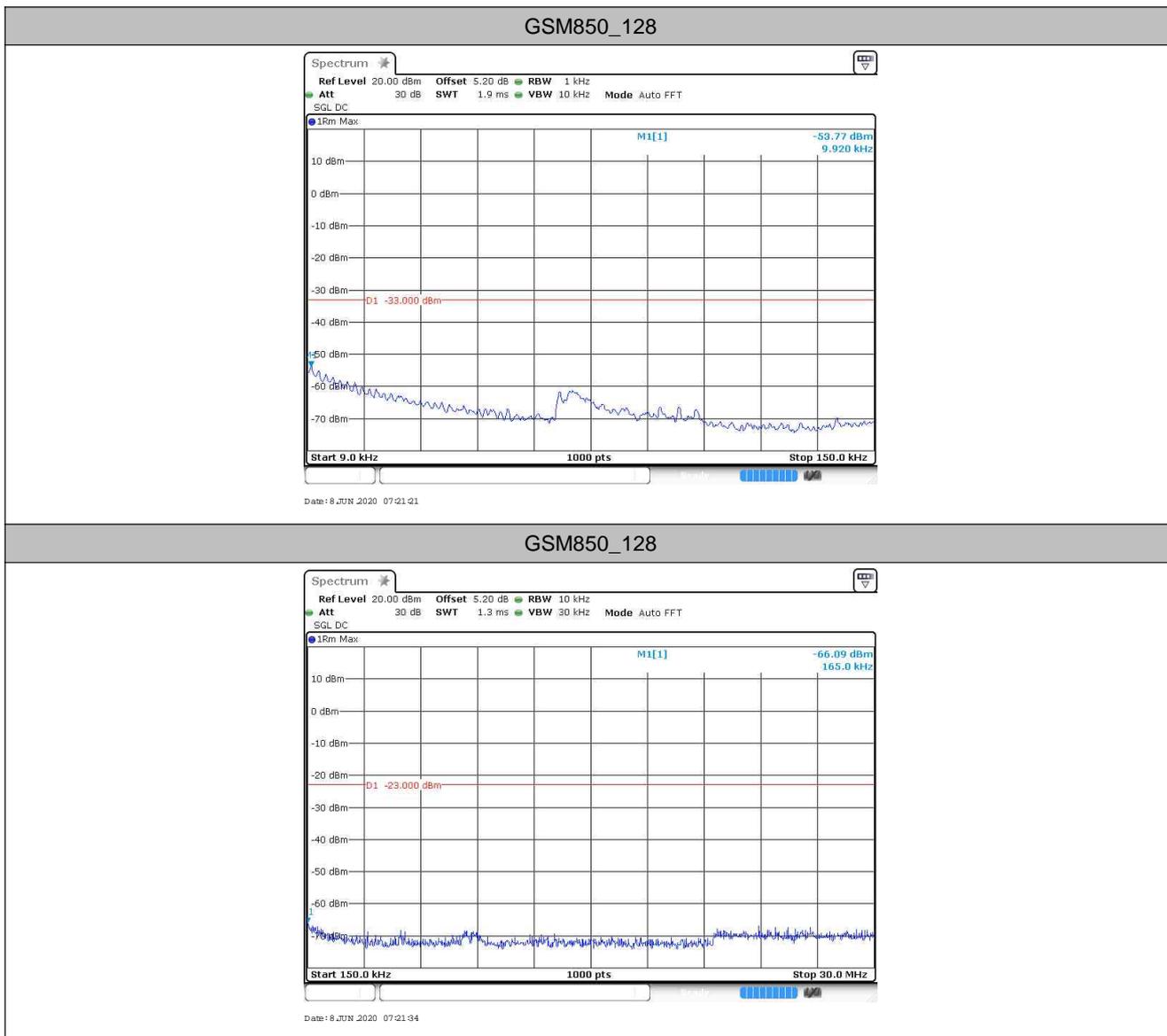


6. Spurious Emission at Antenna Terminal

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 = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

6.1. Test Plots



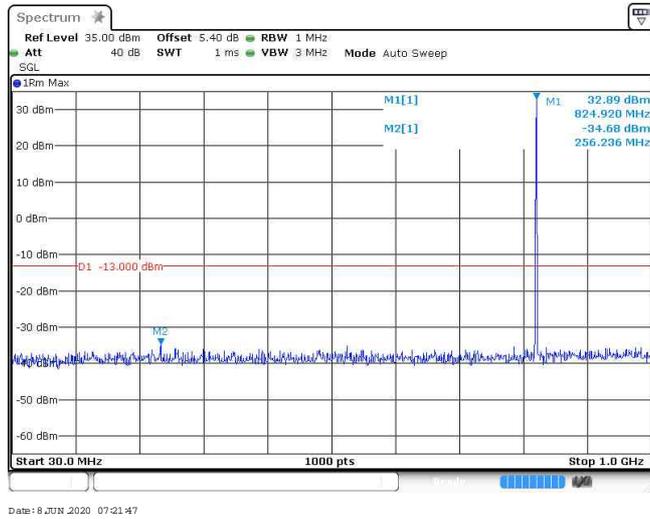
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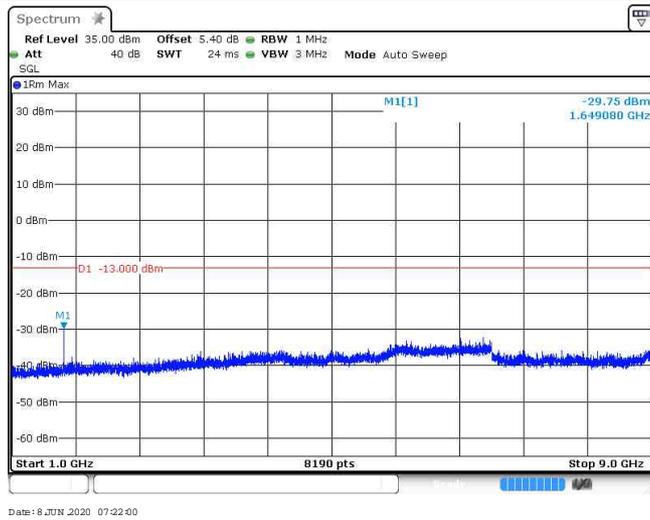
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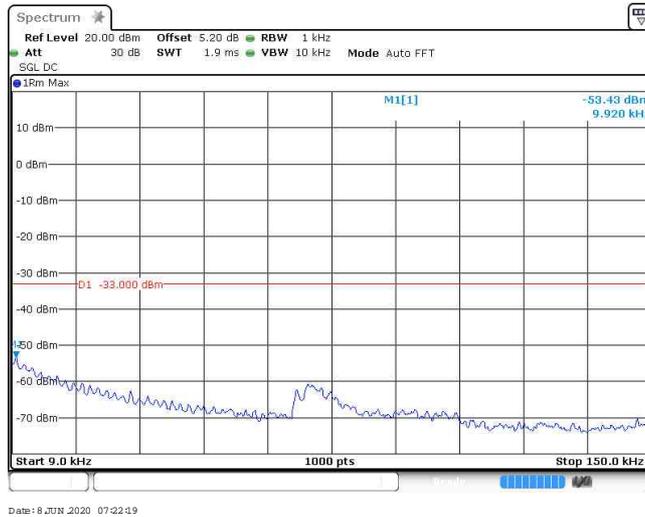
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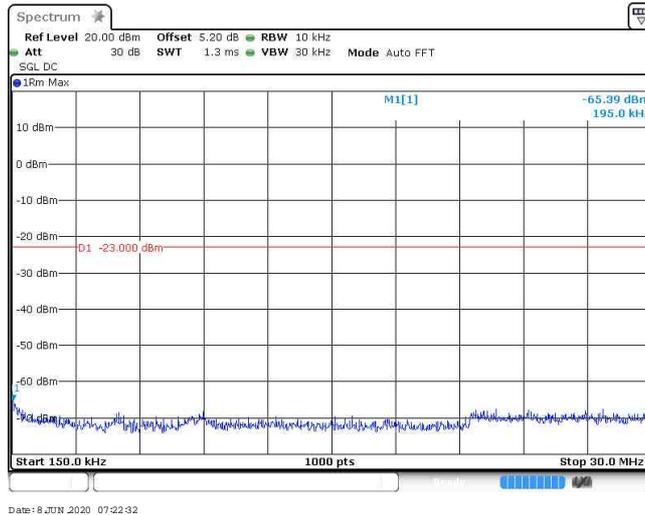
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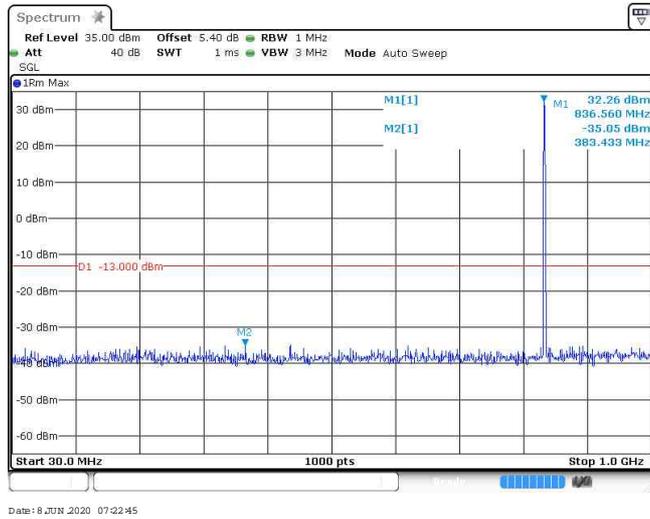
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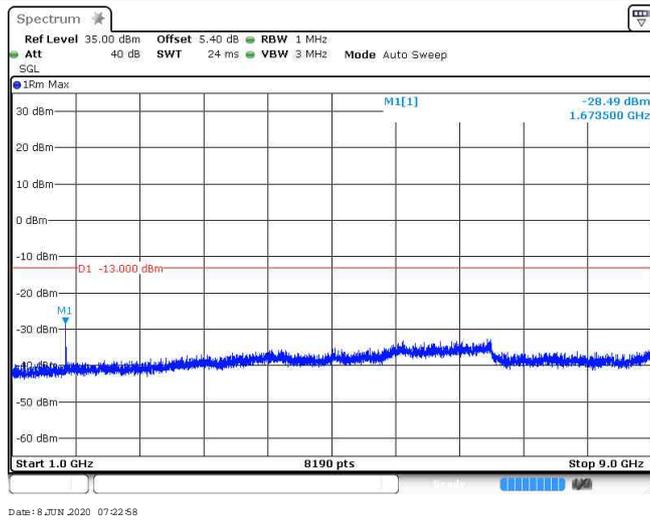
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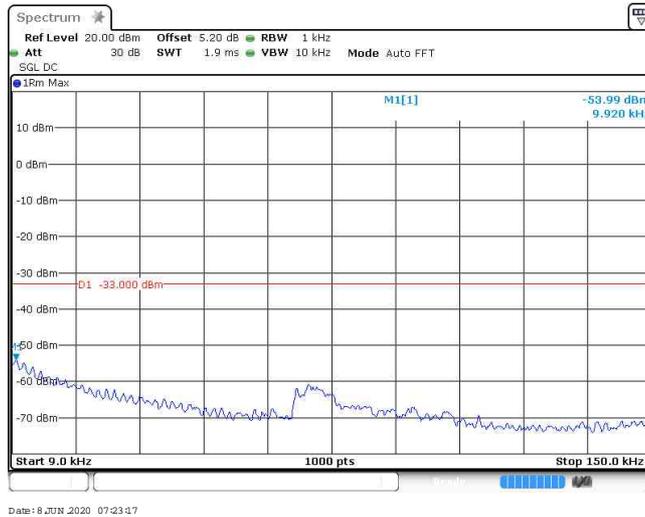


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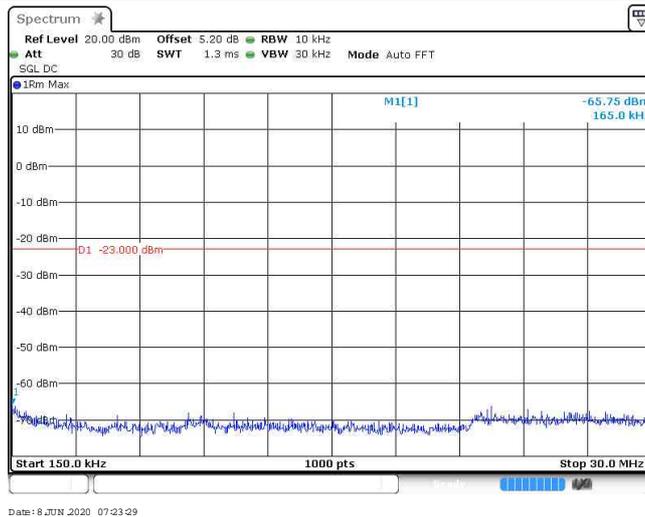


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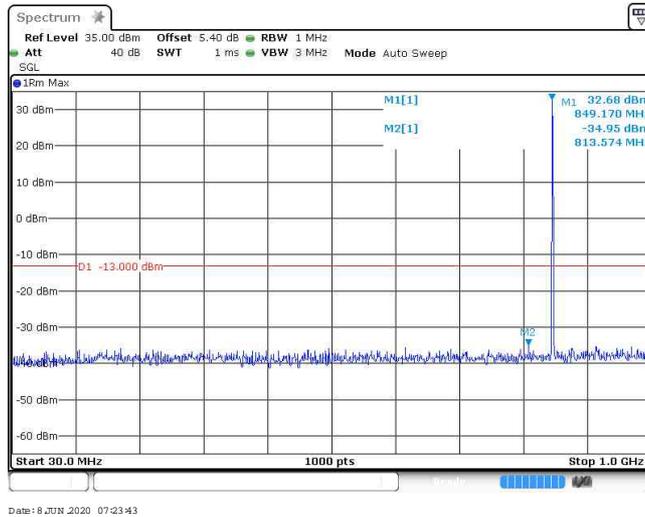


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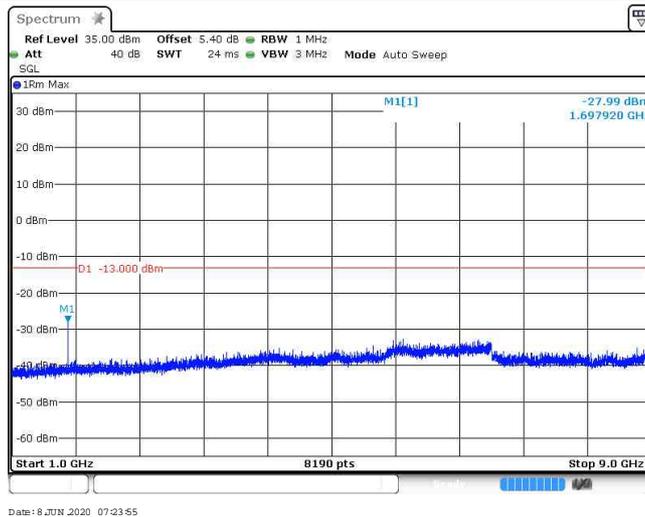


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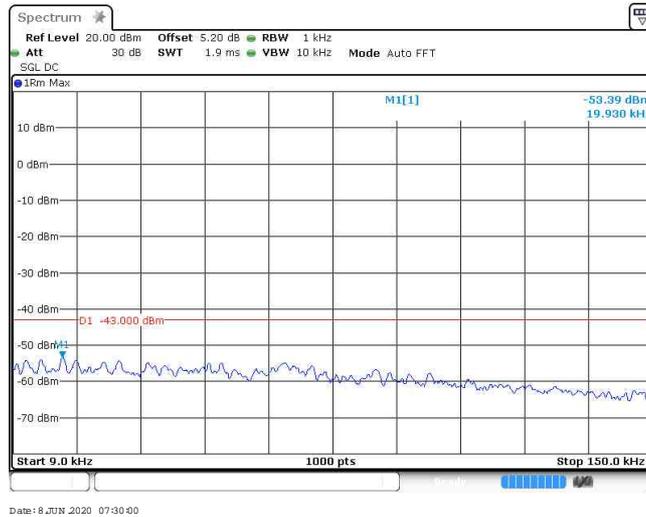


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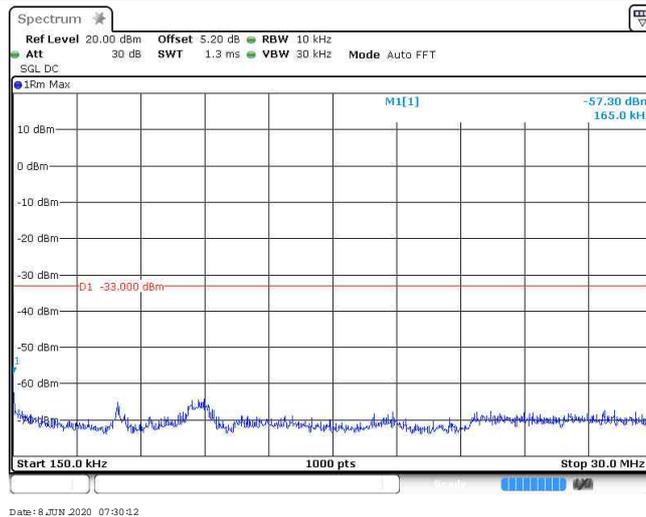


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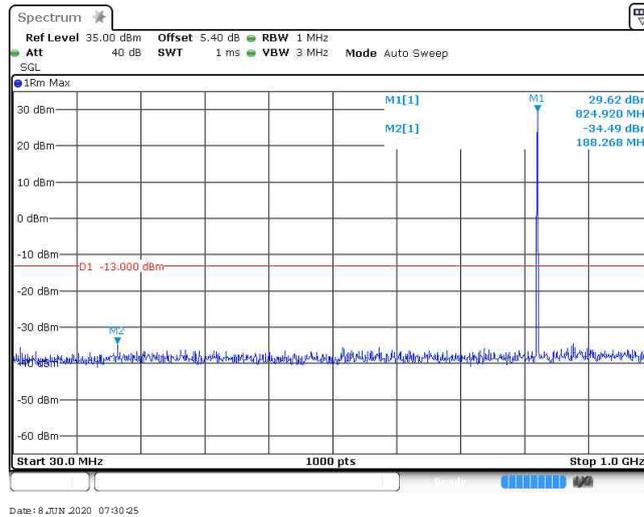


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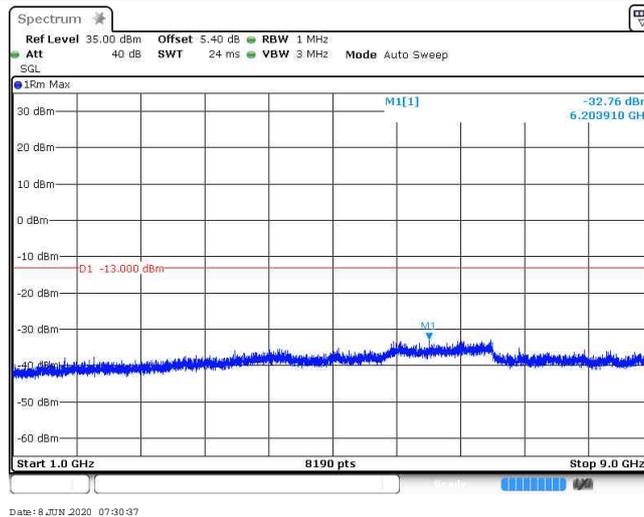
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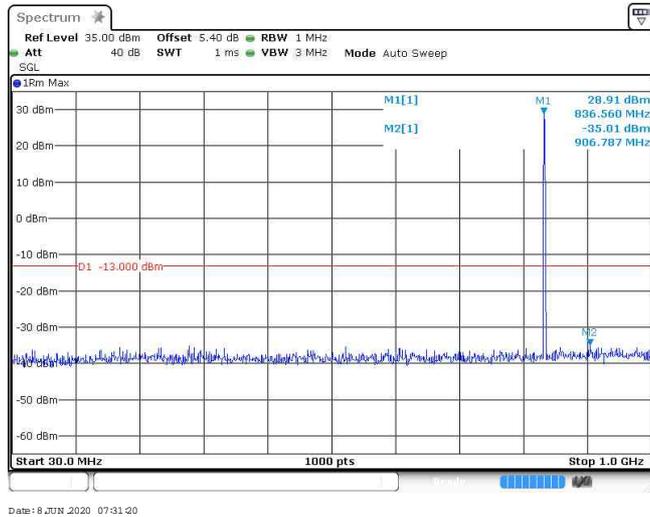


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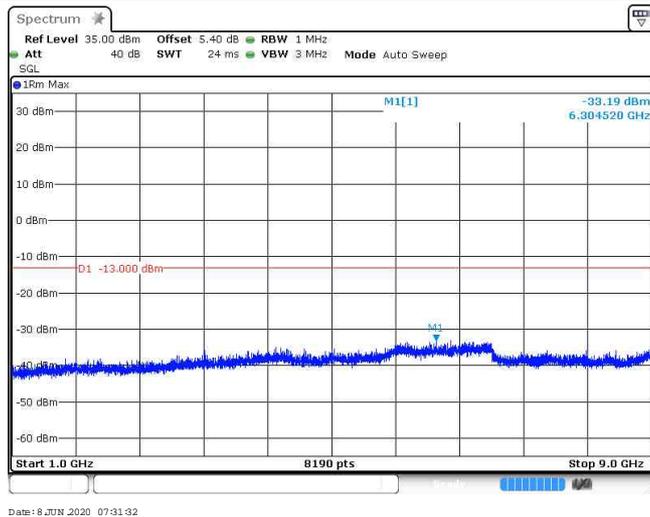


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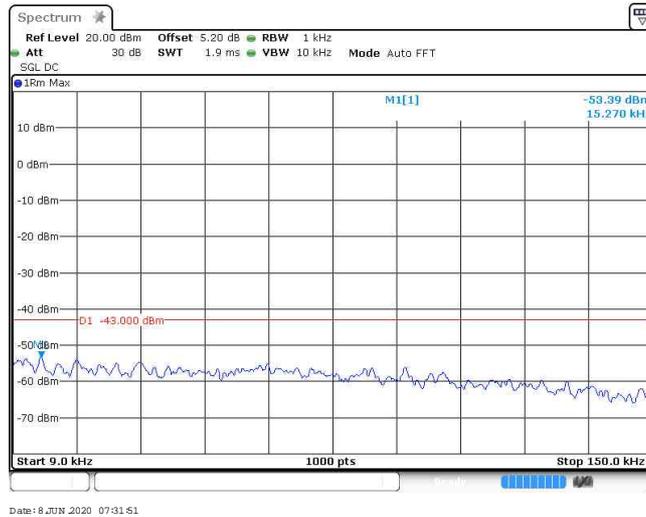
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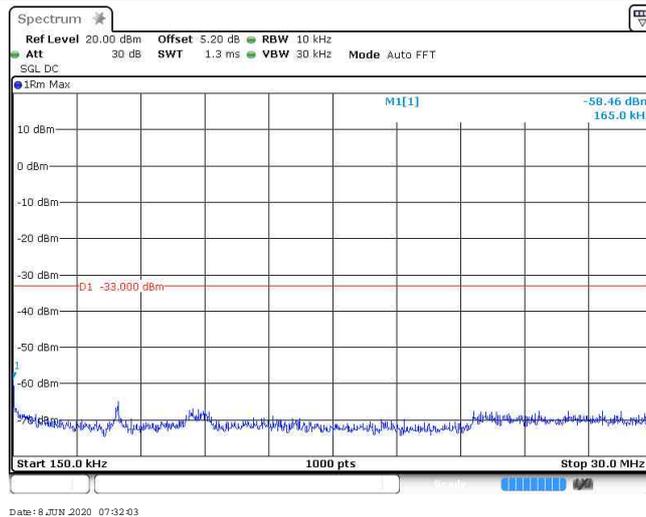
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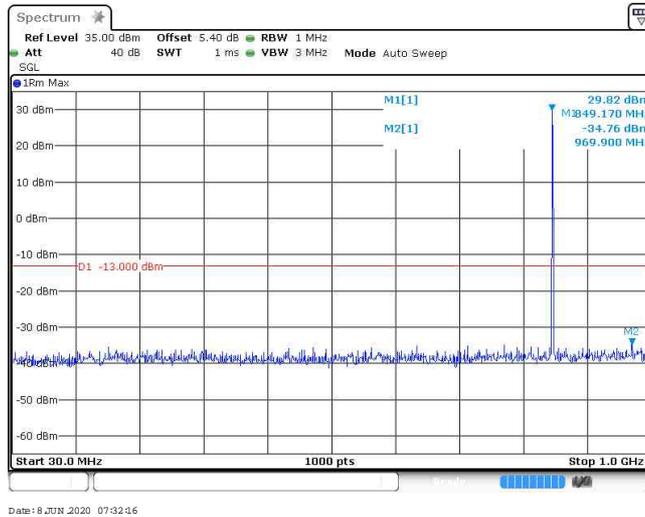


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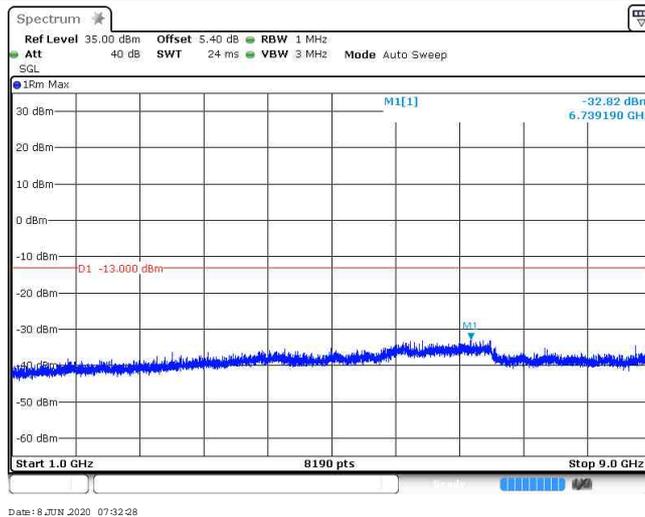
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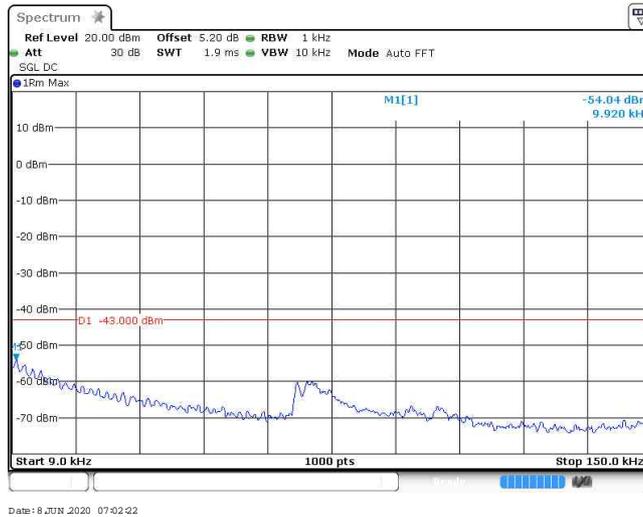


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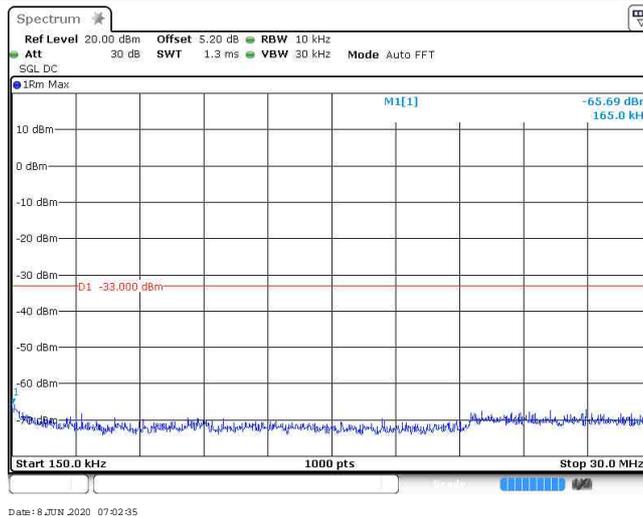
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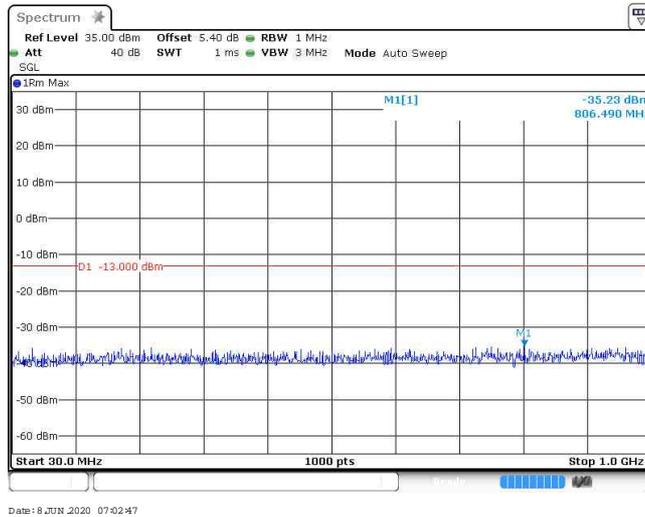


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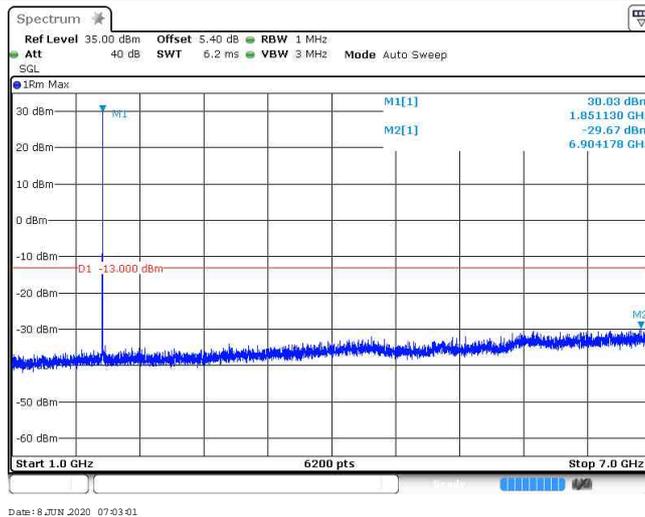
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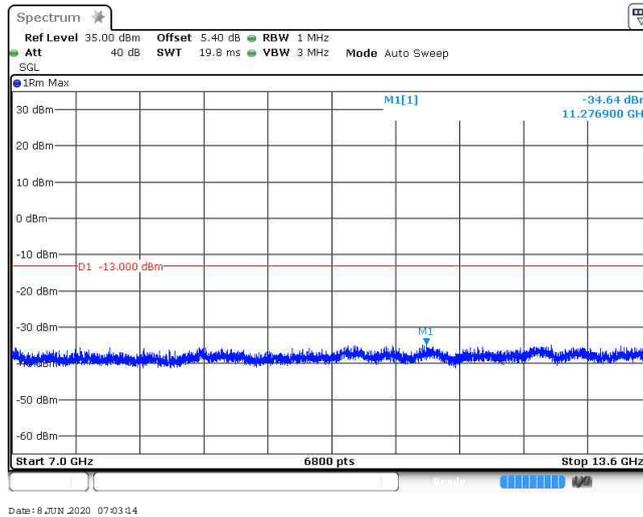


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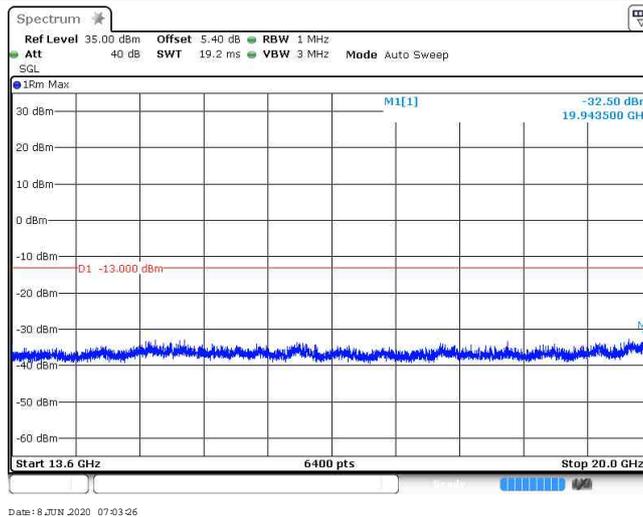
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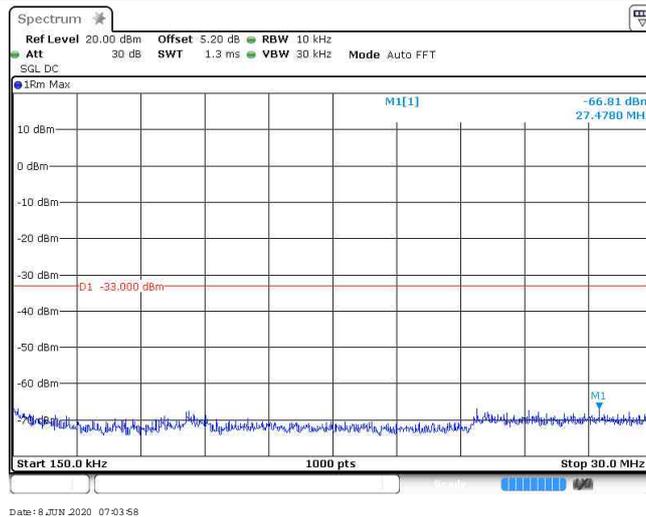
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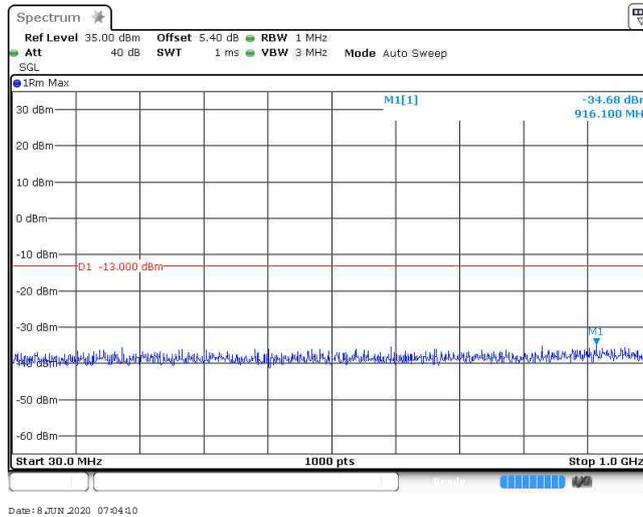


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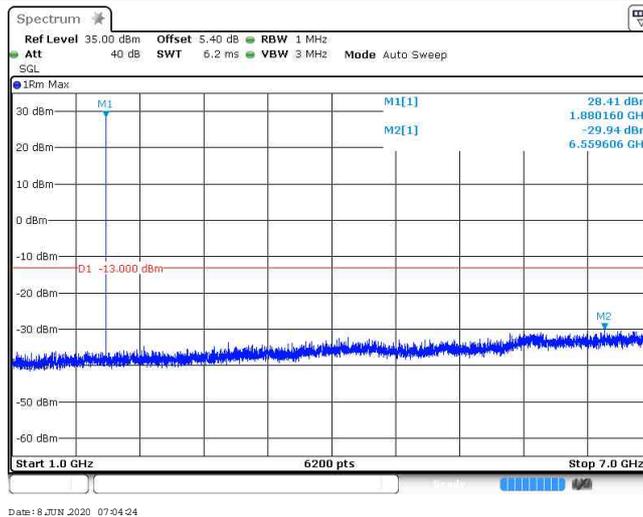
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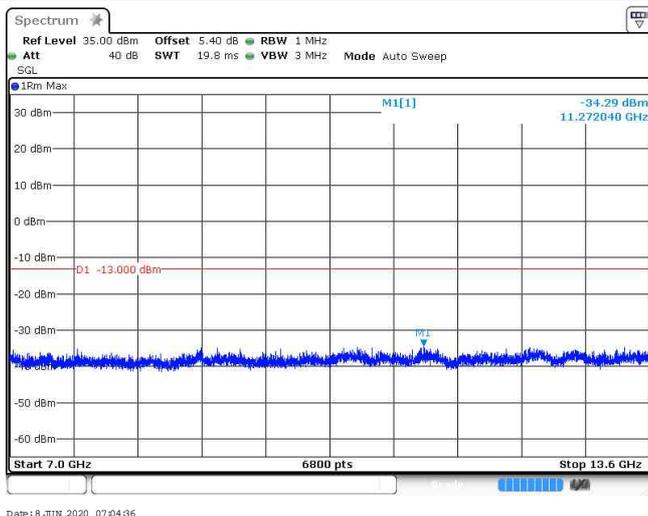


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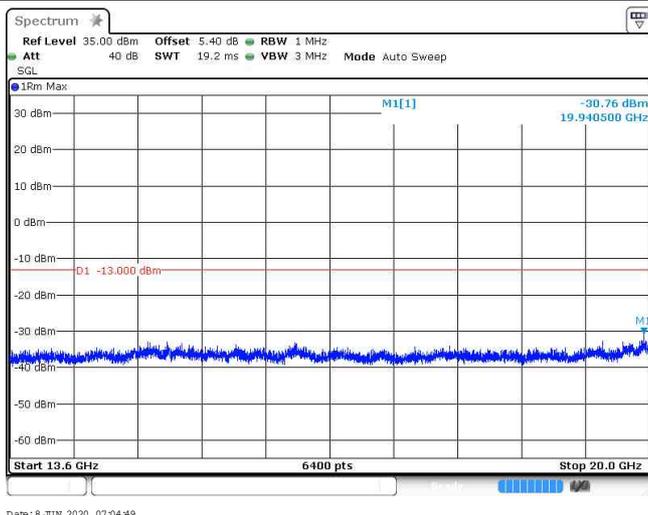


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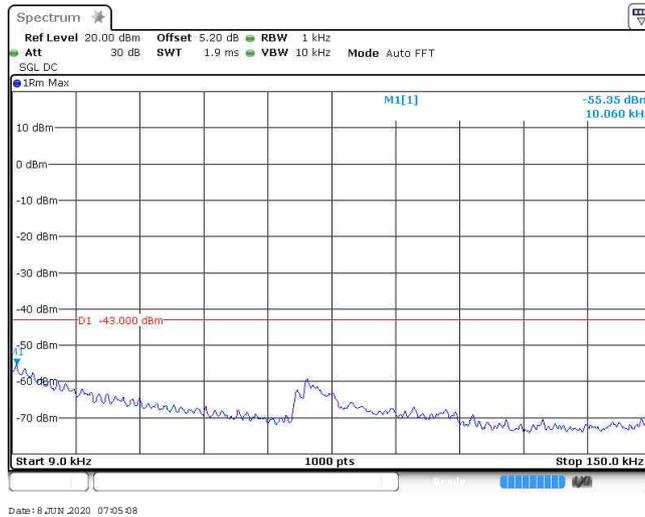
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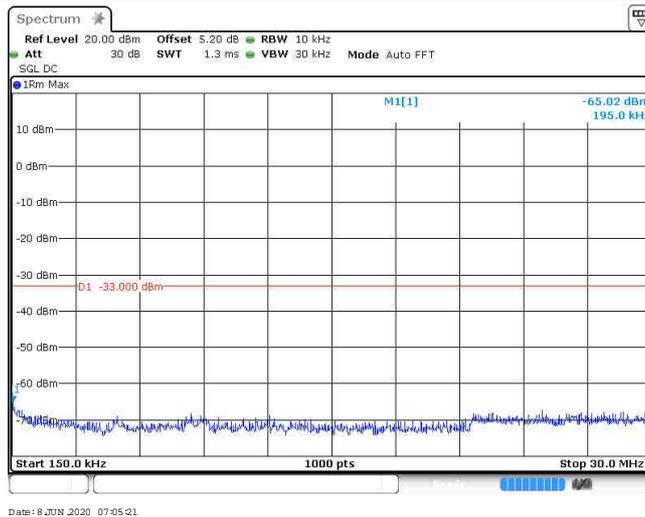
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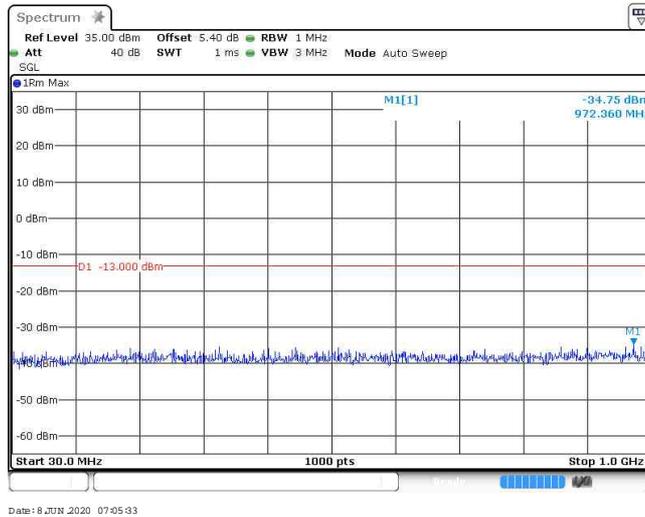
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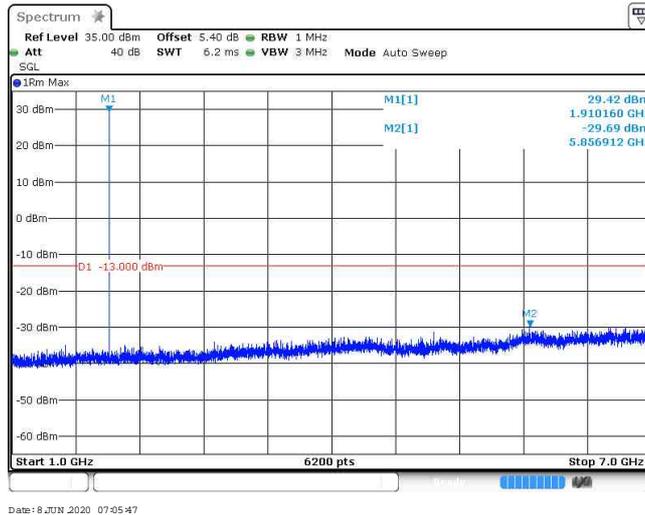
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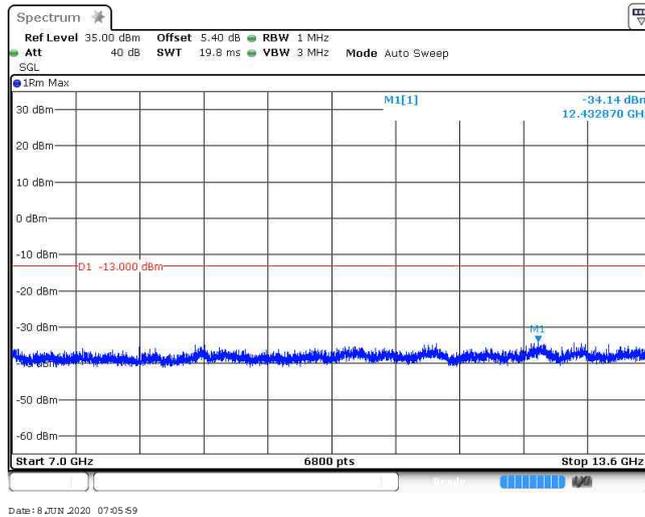
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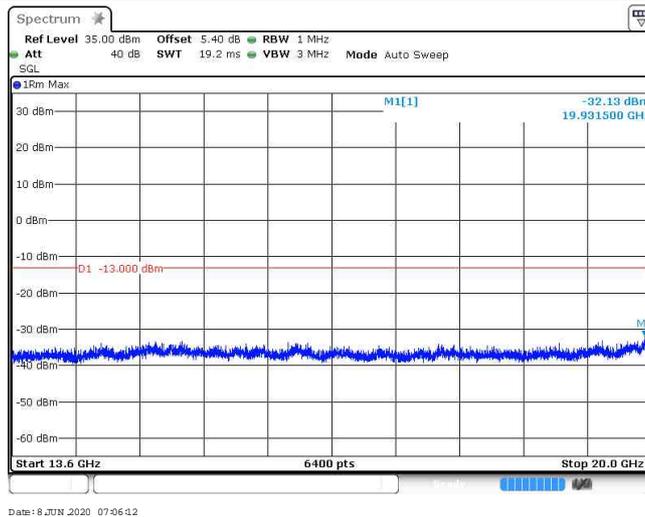
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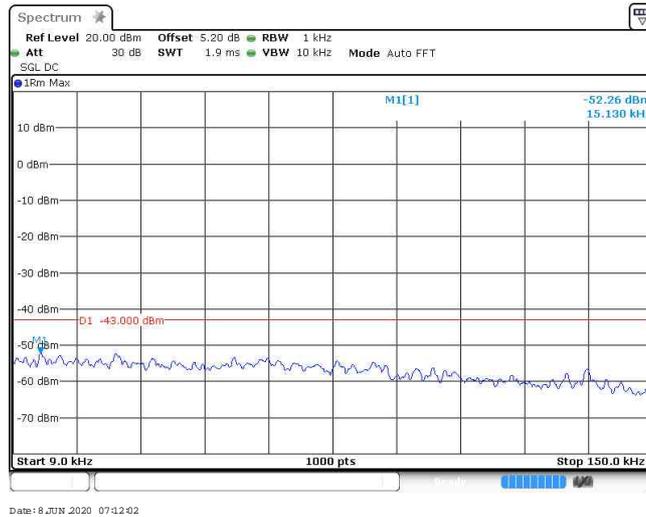
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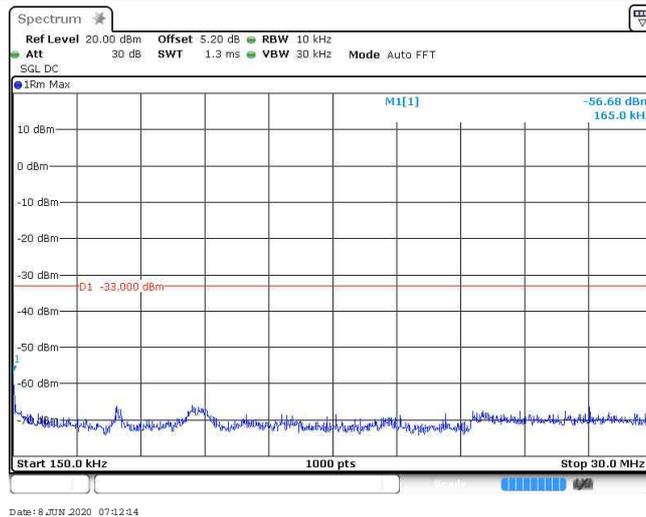
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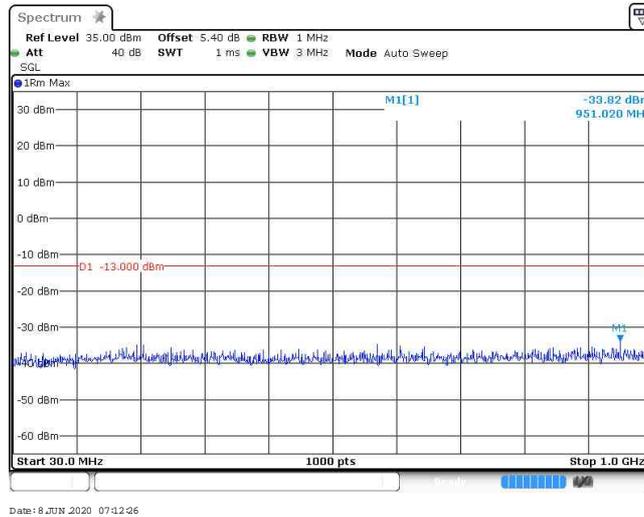


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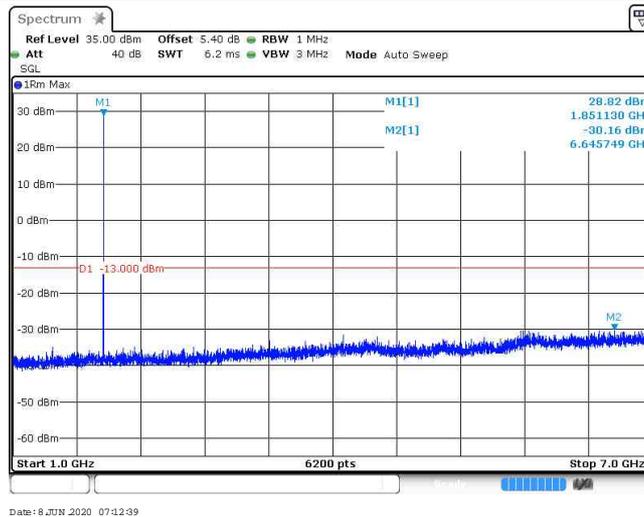


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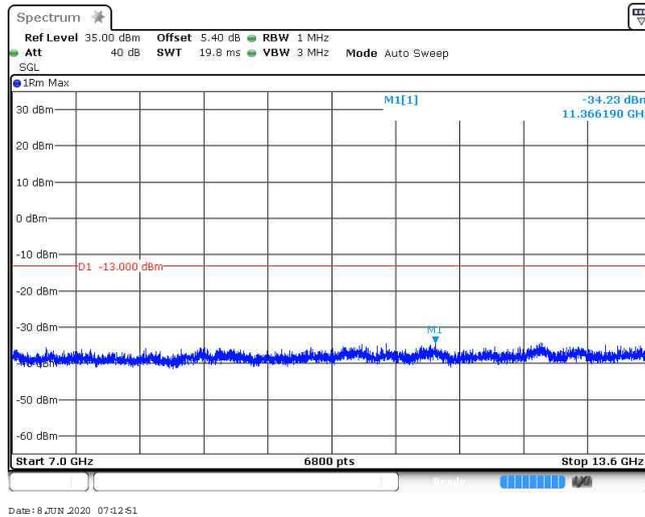


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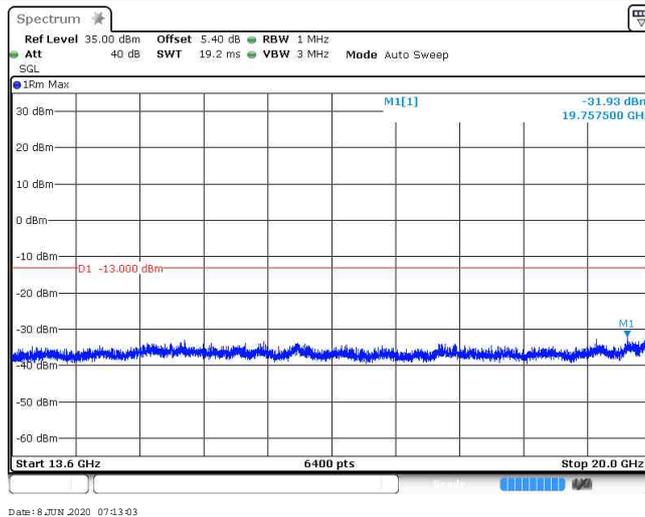
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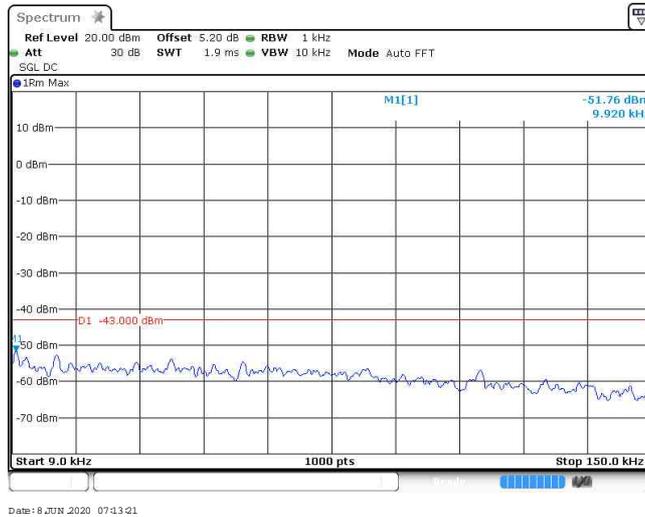


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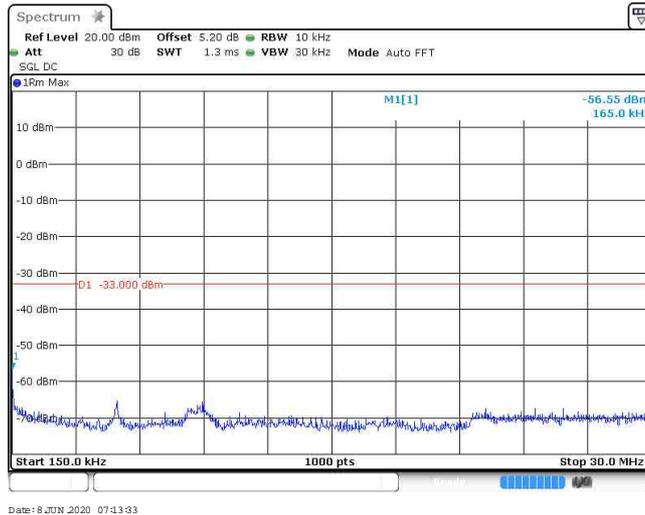
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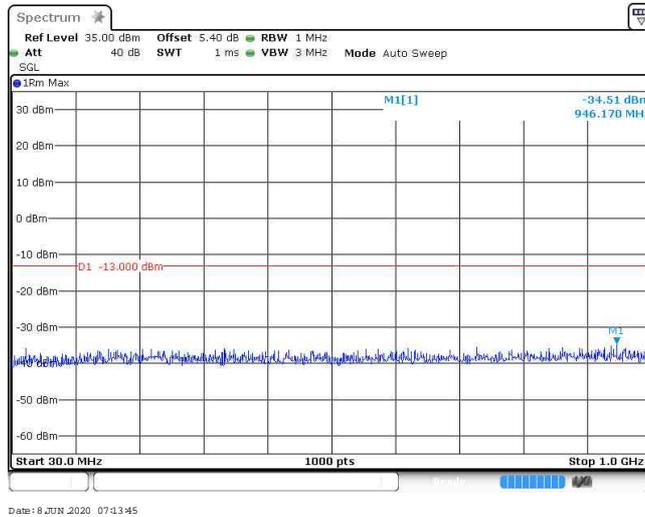
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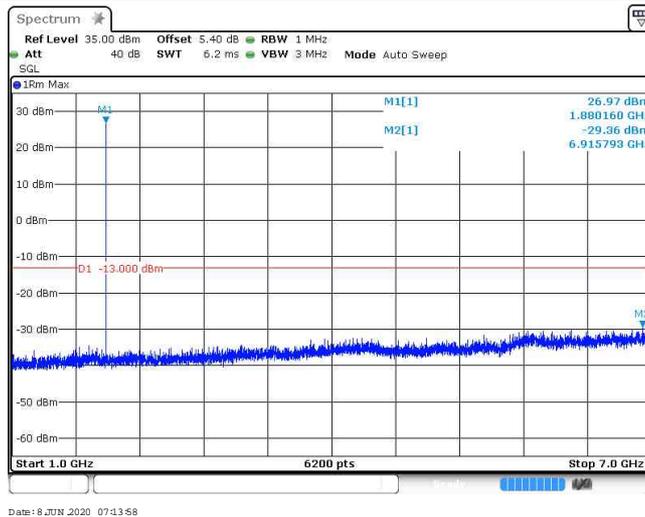
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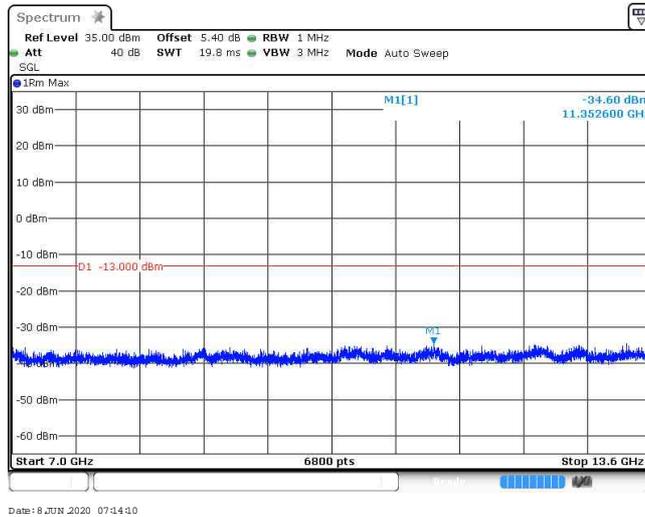


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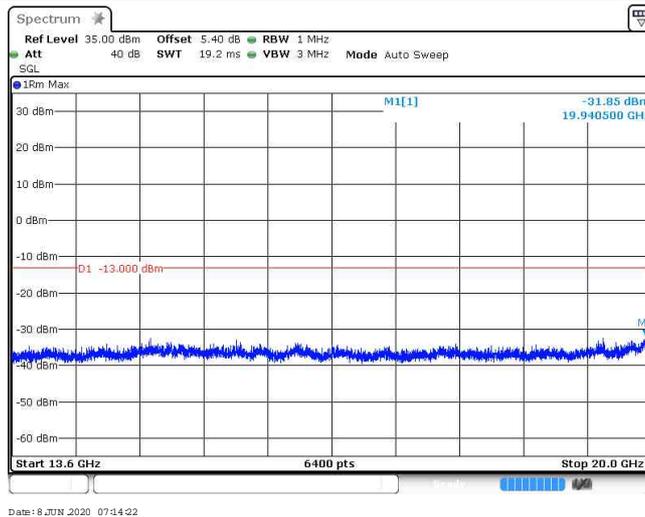
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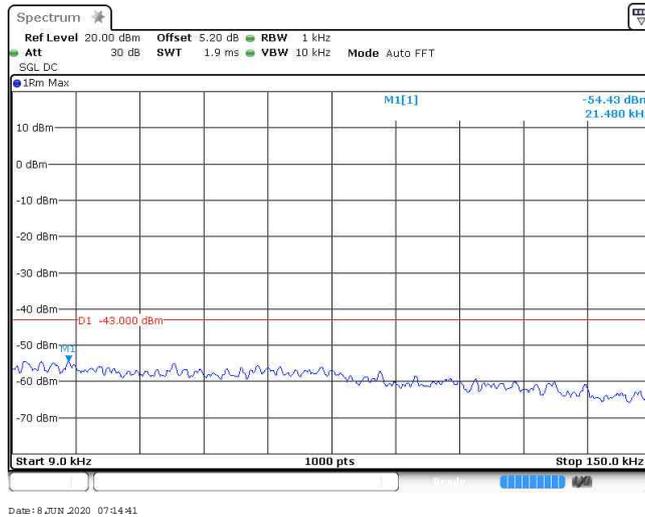


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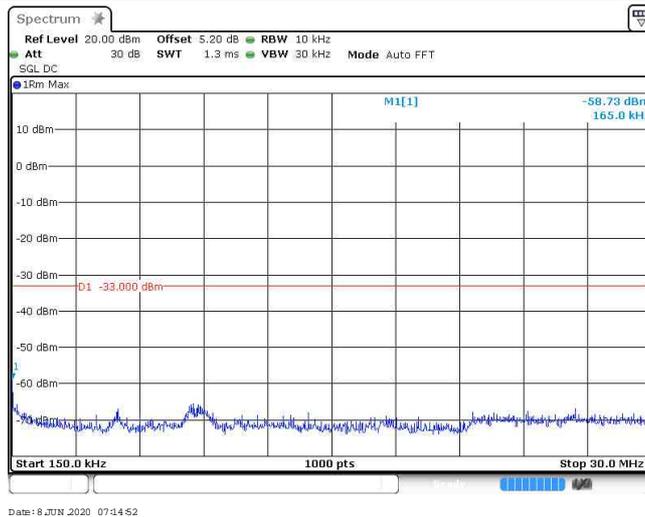
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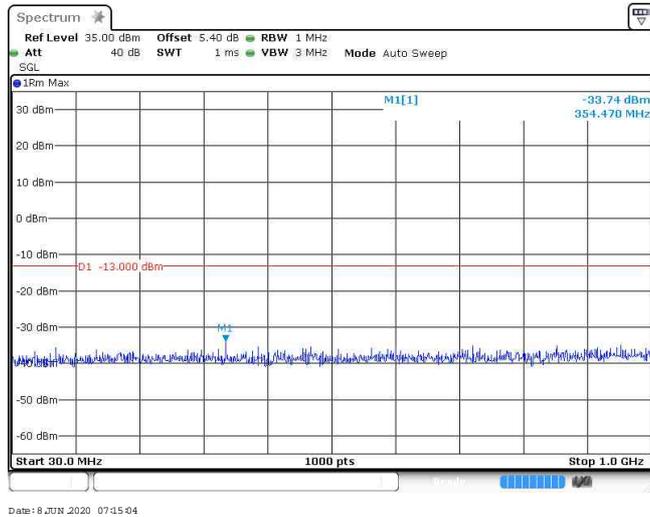
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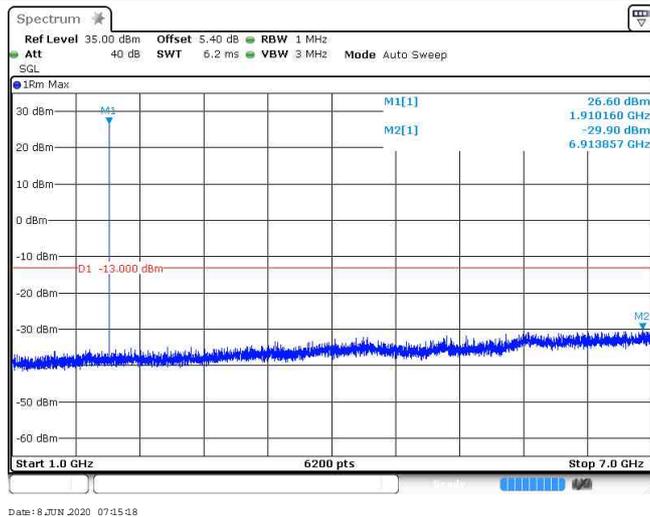
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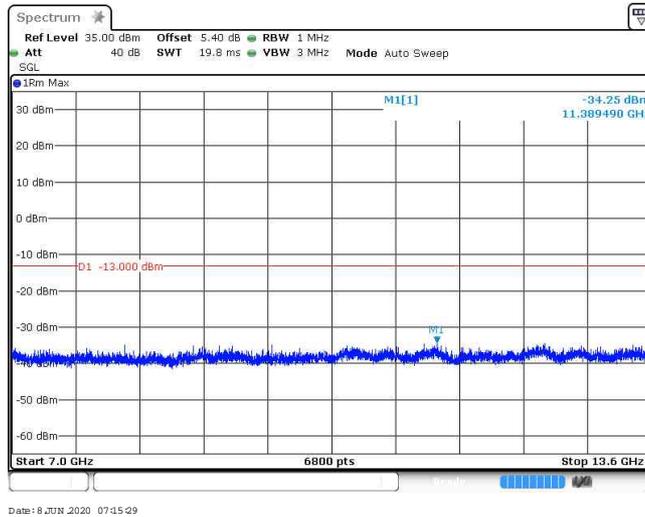
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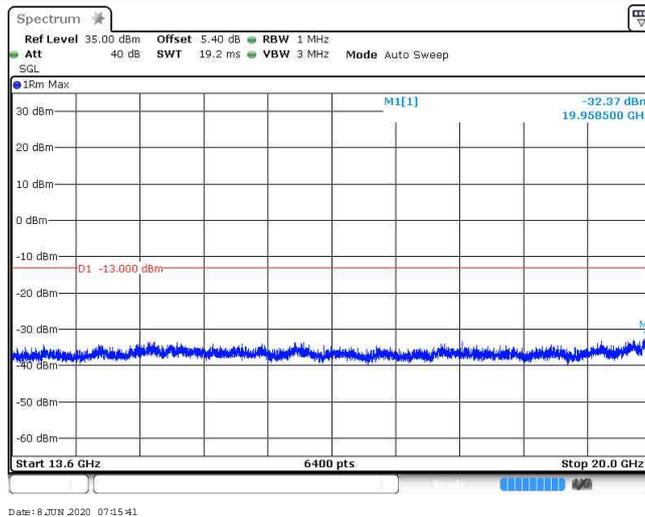
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7. Field Strength of Spurious Radiation

7.1. Test Band = GSM 1900

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
105.7608	-65.15	-13.00	52.15	Vertical
2684.7369	-37.74	-13.00	24.74	Vertical
3700.5234	-59.29	-13.00	46.29	Vertical
5550.5850	-60.32	-13.00	47.32	Vertical
14487.8829	-47.99	-13.00	34.99	Vertical
17981.4994	-41.47	-13.00	28.47	Vertical
44.8417	-64.56	-13.00	51.56	Horizontal
241.2281	-68.40	-13.00	55.40	Horizontal
2697.5395	-36.44	-13.00	23.44	Horizontal
3700.0233	-58.43	-13.00	45.43	Horizontal
5550.5850	-56.23	-13.00	43.23	Horizontal
16392.9464	-43.97	-13.00	30.97	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.4470	-65.10	-13.00	52.10	Vertical
2693.5387	-37.89	-13.00	24.89	Vertical
3760.0253	-60.53	-13.00	47.53	Vertical
5640.0880	-55.63	-13.00	42.63	Vertical
14697.3899	-48.00	-13.00	35.00	Vertical
17996.4999	-40.78	-13.00	27.78	Vertical
40.4765	-64.59	-13.00	51.59	Horizontal
238.6089	-68.30	-13.00	55.30	Horizontal
2698.3397	-36.69	-13.00	23.69	Horizontal
3760.0253	-59.49	-13.00	46.49	Horizontal
5640.0880	-58.31	-13.00	45.31	Horizontal
16392.4464	-43.55	-13.00	30.55	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.8421	-64.72	-13.00	51.72	Vertical
2698.3397	-37.82	-13.00	24.82	Vertical
3819.5273	-58.30	-13.00	45.30	Vertical
5729.5910	-57.07	-13.00	44.07	Vertical
14477.8826	-47.88	-13.00	34.88	Vertical
17972.4991	-40.70	-13.00	27.70	Vertical
41.8831	-64.00	-13.00	51.00	Horizontal
242.4406	-68.15	-13.00	55.15	Horizontal
2696.7393	-36.57	-13.00	23.57	Horizontal
3820.0273	-59.25	-13.00	46.25	Horizontal
5729.5910	-58.42	-13.00	45.42	Horizontal
16392.9464	-43.94	-13.00	30.94	Horizontal

7.2. Test Band = GSM 850

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
114.2972	-64.62	-13.00	51.62	Vertical
1648.5297	-51.35	-13.00	38.35	Vertical
2472.6945	-49.42	-13.00	36.42	Vertical
3297.0099	-62.13	-13.00	49.13	Vertical
14481.8827	-47.94	-13.00	34.94	Vertical
17997.9999	-40.85	-13.00	27.85	Vertical
39.3610	-63.20	-13.00	50.20	Horizontal
231.9156	-66.71	-13.00	53.71	Horizontal
1648.5297	-46.04	-13.00	33.04	Horizontal
2472.6945	-43.64	-13.00	30.64	Horizontal
3296.5099	-55.62	-13.00	42.62	Horizontal
16390.4463	-43.97	-13.00	30.97	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.7380	-64.38	-13.00	51.38	Vertical
1673.3347	-50.69	-13.00	37.69	Vertical
2509.9020	-53.35	-13.00	40.35	Vertical
3346.5116	-62.23	-13.00	49.23	Vertical
14500.3833	-47.83	-13.00	34.83	Vertical
17999.5000	-40.42	-13.00	27.42	Vertical
43.2897	-64.11	-13.00	51.11	Horizontal
236.5718	-67.71	-13.00	54.71	Horizontal
1672.9346	-41.84	-13.00	28.84	Horizontal
2509.9020	-46.38	-13.00	33.38	Horizontal
3346.0115	-57.65	-13.00	44.65	Horizontal
16378.4459	-43.92	-13.00	30.92	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.2715	-64.93	-13.00	51.93	Vertical
1697.7395	-53.52	-13.00	40.52	Vertical
2461.0922	-51.34	-13.00	38.34	Vertical
3395.0132	-58.41	-13.00	45.41	Vertical
14301.3767	-49.61	-13.00	36.61	Vertical
17998.5000	-40.64	-13.00	27.64	Vertical
41.1556	-63.75	-13.00	50.75	Horizontal
231.0426	-67.62	-13.00	54.62	Horizontal
1697.3395	-48.73	-13.00	35.73	Horizontal
2546.3093	-50.89	-13.00	37.89	Horizontal
3395.0132	-55.57	-13.00	42.57	Horizontal
16407.9469	-44.06	-13.00	31.06	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.



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8. Frequency Stability

8.1. Frequency Error Vs Voltage

Voltage							
BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	12.40	0.015045	±2.5	PASS
GSM850	128	VN	TN	6.86	0.008318	±2.5	PASS
GSM850	128	VH	TN	-11.83	-0.014359	±2.5	PASS
GSM850	190	VL	TN	7.98	0.009544	±2.5	PASS
GSM850	190	VN	TN	-6.19	-0.007400	±2.5	PASS
GSM850	190	VH	TN	-5.40	-0.006449	±2.5	PASS
GSM850	251	VL	TN	-11.59	-0.013655	±2.5	PASS
GSM850	251	VN	TN	-6.11	-0.007199	±2.5	PASS
GSM850	251	VH	TN	8.79	0.010353	±2.5	PASS
EGPRS850	128	VL	TN	-6.38	-0.007743	±2.5	PASS
EGPRS850	128	VN	TN	-14.00	-0.016980	±2.5	PASS
EGPRS850	128	VH	TN	-9.45	-0.011468	±2.5	PASS
EGPRS850	190	VL	TN	5.04	0.006028	±2.5	PASS
EGPRS850	190	VN	TN	-3.27	-0.003906	±2.5	PASS
EGPRS850	190	VH	TN	3.37	0.004028	±2.5	PASS
EGPRS850	251	VL	TN	11.26	0.013262	±2.5	PASS
EGPRS850	251	VN	TN	-6.28	-0.007399	±2.5	PASS
EGPRS850	251	VH	TN	-4.31	-0.005077	±2.5	PASS
GSM1900	512	VL	TN	8.27	0.004467	±2.5	PASS
GSM1900	512	VN	TN	7.24	0.003911	±2.5	PASS
GSM1900	512	VH	TN	5.54	0.002993	±2.5	PASS
GSM1900	661	VL	TN	4.96	0.002641	±2.5	PASS
GSM1900	661	VN	TN	5.91	0.003145	±2.5	PASS
GSM1900	661	VH	TN	4.63	0.002461	±2.5	PASS
GSM1900	810	VL	TN	-11.00	-0.005760	±2.5	PASS
GSM1900	810	VN	TN	3.34	0.001748	±2.5	PASS
GSM1900	810	VH	TN	-13.58	-0.007111	±2.5	PASS
EGPRS1900	512	VL	TN	5.19	0.002804	±2.5	PASS
EGPRS1900	512	VN	TN	4.13	0.002234	±2.5	PASS
EGPRS1900	512	VH	TN	11.55	0.006240	±2.5	PASS



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EGPRS1900	661	VL	TN	9.55	0.005077	±2.5	PASS
EGPRS1900	661	VN	TN	8.16	0.004339	±2.5	PASS
EGPRS1900	661	VH	TN	5.35	0.002845	±2.5	PASS
EGPRS1900	810	VL	TN	1.55	0.000813	±2.5	PASS
EGPRS1900	810	VN	TN	14.16	0.007416	±2.5	PASS
EGPRS1900	810	VH	TN	2.39	0.001252	±2.5	PASS



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8.2. Frequency Error Vs Temperature

Temperature							
BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	11.20	0.013589	±2.5	PASS
GSM850	128	VN	-20	3.34	0.004052	±2.5	PASS
GSM850	128	VN	-10	4.33	0.005253	±2.5	PASS
GSM850	128	VN	0	-12.06	-0.014628	±2.5	PASS
GSM850	128	VN	10	13.30	0.016131	±2.5	PASS
GSM850	128	VN	20	2.22	0.002693	±2.5	PASS
GSM850	128	VN	30	14.70	0.017841	±2.5	PASS
GSM850	128	VN	40	-13.66	-0.016573	±2.5	PASS
GSM850	128	VN	50	8.03	0.009742	±2.5	PASS
GSM850	190	VN	-30	4.70	0.005621	±2.5	PASS
GSM850	190	VN	-20	-14.62	-0.017471	±2.5	PASS
GSM850	190	VN	-10	-11.88	-0.014205	±2.5	PASS
GSM850	190	VN	0	-5.63	-0.006729	±2.5	PASS
GSM850	190	VN	10	-9.55	-0.011420	±2.5	PASS
GSM850	190	VN	20	13.69	0.016365	±2.5	PASS
GSM850	190	VN	30	1.66	0.001985	±2.5	PASS
GSM850	190	VN	40	-3.99	-0.004766	±2.5	PASS
GSM850	190	VN	50	11.59	0.013859	±2.5	PASS
GSM850	251	VN	-30	2.92	0.003446	±2.5	PASS
GSM850	251	VN	-20	12.12	0.014279	±2.5	PASS
GSM850	251	VN	-10	-8.04	-0.009469	±2.5	PASS
GSM850	251	VN	0	-9.47	-0.011159	±2.5	PASS
GSM850	251	VN	10	2.31	0.002722	±2.5	PASS
GSM850	251	VN	20	7.30	0.008596	±2.5	PASS
GSM850	251	VN	30	-7.93	-0.009348	±2.5	PASS
GSM850	251	VN	40	-2.52	-0.002970	±2.5	PASS
GSM850	251	VN	50	0.73	0.000854	±2.5	PASS
EGPRS850	128	VN	-30	-3.02	-0.003668	±2.5	PASS
EGPRS850	128	VN	-20	-8.40	-0.010197	±2.5	PASS
EGPRS850	128	VN	-10	-8.61	-0.010446	±2.5	PASS
EGPRS850	128	VN	0	-8.03	-0.009737	±2.5	PASS
EGPRS850	128	VN	10	8.73	0.010595	±2.5	PASS



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EGPRS850	128	VN	20	4.53	0.005493	±2.5	PASS
EGPRS850	128	VN	30	-9.12	-0.011064	±2.5	PASS
EGPRS850	128	VN	40	-1.93	-0.002344	±2.5	PASS
EGPRS850	128	VN	50	12.46	0.015117	±2.5	PASS
EGPRS850	190	VN	-30	9.78	0.011695	±2.5	PASS
EGPRS850	190	VN	-20	11.79	0.014098	±2.5	PASS
EGPRS850	190	VN	-10	6.81	0.008143	±2.5	PASS
EGPRS850	190	VN	0	3.19	0.003816	±2.5	PASS
EGPRS850	190	VN	10	3.99	0.004772	±2.5	PASS
EGPRS850	190	VN	20	6.16	0.007362	±2.5	PASS
EGPRS850	190	VN	30	3.61	0.004314	±2.5	PASS
EGPRS850	190	VN	40	-2.87	-0.003427	±2.5	PASS
EGPRS850	190	VN	50	-3.76	-0.004499	±2.5	PASS
EGPRS850	251	VN	-30	-0.65	-0.000770	±2.5	PASS
EGPRS850	251	VN	-20	1.72	0.002025	±2.5	PASS
EGPRS850	251	VN	-10	-6.69	-0.007886	±2.5	PASS
EGPRS850	251	VN	0	-6.46	-0.007606	±2.5	PASS
EGPRS850	251	VN	10	4.76	0.005602	±2.5	PASS
EGPRS850	251	VN	20	4.47	0.005264	±2.5	PASS
EGPRS850	251	VN	30	6.11	0.007193	±2.5	PASS
EGPRS850	251	VN	40	2.67	0.003144	±2.5	PASS
EGPRS850	251	VN	50	2.07	0.002433	±2.5	PASS
GSM1900	512	VN	-30	-4.07	-0.002199	±2.5	PASS
GSM1900	512	VN	-20	-4.59	-0.002483	±2.5	PASS
GSM1900	512	VN	-10	-7.52	-0.004063	±2.5	PASS
GSM1900	512	VN	0	-12.09	-0.006537	±2.5	PASS
GSM1900	512	VN	10	10.57	0.005711	±2.5	PASS
GSM1900	512	VN	20	-10.74	-0.005805	±2.5	PASS
GSM1900	512	VN	30	6.94	0.003751	±2.5	PASS
GSM1900	512	VN	40	-8.19	-0.004428	±2.5	PASS
GSM1900	512	VN	50	-5.86	-0.003165	±2.5	PASS
GSM1900	661	VN	-30	-8.81	-0.004687	±2.5	PASS
GSM1900	661	VN	-20	3.27	0.001739	±2.5	PASS
GSM1900	661	VN	-10	2.83	0.001506	±2.5	PASS
GSM1900	661	VN	0	1.30	0.000691	±2.5	PASS
GSM1900	661	VN	10	-3.52	-0.001871	±2.5	PASS
GSM1900	661	VN	20	-14.41	-0.007664	±2.5	PASS



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GSM1900	661	VN	30	-1.01	-0.000538	±2.5	PASS
GSM1900	661	VN	40	5.89	0.003135	±2.5	PASS
GSM1900	661	VN	50	8.49	0.004514	±2.5	PASS
GSM1900	810	VN	-30	-3.39	-0.001773	±2.5	PASS
GSM1900	810	VN	-20	-7.57	-0.003963	±2.5	PASS
GSM1900	810	VN	-10	-5.74	-0.003007	±2.5	PASS
GSM1900	810	VN	0	-12.30	-0.006440	±2.5	PASS
GSM1900	810	VN	10	-5.56	-0.002909	±2.5	PASS
GSM1900	810	VN	20	13.21	0.006917	±2.5	PASS
GSM1900	810	VN	30	13.17	0.006897	±2.5	PASS
GSM1900	810	VN	40	13.40	0.007017	±2.5	PASS
GSM1900	810	VN	50	11.14	0.005836	±2.5	PASS
EGPRS1900	512	VN	-30	-4.69	-0.002537	±2.5	PASS
EGPRS1900	512	VN	-20	5.64	0.003050	±2.5	PASS
EGPRS1900	512	VN	-10	13.20	0.007132	±2.5	PASS
EGPRS1900	512	VN	0	1.69	0.000912	±2.5	PASS
EGPRS1900	512	VN	10	-10.91	-0.005895	±2.5	PASS
EGPRS1900	512	VN	20	14.79	0.007995	±2.5	PASS
EGPRS1900	512	VN	30	2.79	0.001507	±2.5	PASS
EGPRS1900	512	VN	40	-11.03	-0.005961	±2.5	PASS
EGPRS1900	512	VN	50	-9.42	-0.005090	±2.5	PASS
EGPRS1900	661	VN	-30	1.42	0.000754	±2.5	PASS
EGPRS1900	661	VN	-20	5.75	0.003056	±2.5	PASS
EGPRS1900	661	VN	-10	13.07	0.006955	±2.5	PASS
EGPRS1900	661	VN	0	-11.95	-0.006356	±2.5	PASS
EGPRS1900	661	VN	10	8.77	0.004667	±2.5	PASS
EGPRS1900	661	VN	20	-0.39	-0.000209	±2.5	PASS
EGPRS1900	661	VN	30	14.16	0.007530	±2.5	PASS
EGPRS1900	661	VN	40	9.59	0.005101	±2.5	PASS
EGPRS1900	661	VN	50	-0.98	-0.000520	±2.5	PASS
EGPRS1900	810	VN	-30	8.16	0.004270	±2.5	PASS
EGPRS1900	810	VN	-20	6.35	0.003323	±2.5	PASS
EGPRS1900	810	VN	-10	-3.17	-0.001658	±2.5	PASS
EGPRS1900	810	VN	0	3.84	0.002011	±2.5	PASS
EGPRS1900	810	VN	10	2.29	0.001199	±2.5	PASS
EGPRS1900	810	VN	20	4.35	0.002279	±2.5	PASS
EGPRS1900	810	VN	30	0.54	0.000281	±2.5	PASS



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EGPRS1900	810	VN	40	-7.02	-0.003673	±2.5	PASS
EGPRS1900	810	VN	50	-5.41	-0.002832	±2.5	PASS

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