



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	---	32.38	26.63	38.45	PASS
GSM850	190	---	32.46	26.71	38.45	PASS
GSM850	251	---	32.58	26.83	38.45	PASS
EGPRS850	128	1	26.57	20.82	38.45	PASS
EGPRS850	128	2	24.91	19.16	38.45	PASS
EGPRS850	128	3	22.56	16.81	38.45	PASS
EGPRS850	128	4	21.87	16.12	38.45	PASS
EGPRS850	190	1	26.61	20.86	38.45	PASS
EGPRS850	190	2	25.08	19.33	38.45	PASS
EGPRS850	190	3	22.54	16.79	38.45	PASS
EGPRS850	190	4	21.85	16.1	38.45	PASS
EGPRS850	251	1	26.67	20.92	38.45	PASS
EGPRS850	251	2	25.14	19.39	38.45	PASS
EGPRS850	251	3	22.62	16.87	38.45	PASS
EGPRS850	251	4	21.93	16.18	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.82	27.72	33.00	PASS
GSM1900	661	---	29.93	27.83	33.00	PASS
GSM1900	810	---	29.98	27.88	33.00	PASS
EGPRS1900	512	1	25.27	23.17	33.00	PASS
EGPRS1900	512	2	24.73	22.63	33.00	PASS
EGPRS1900	512	3	22.62	20.52	33.00	PASS
EGPRS1900	512	4	21.39	19.29	33.00	PASS
EGPRS1900	661	1	25.24	23.14	33.00	PASS
EGPRS1900	661	2	24.67	22.57	33.00	PASS
EGPRS1900	661	3	22.70	20.6	33.00	PASS
EGPRS1900	661	4	21.46	19.36	33.00	PASS
EGPRS1900	810	1	25.12	23.02	33.00	PASS
EGPRS1900	810	2	24.70	22.6	33.00	PASS
EGPRS1900	810	3	22.64	20.54	33.00	PASS
EGPRS1900	810	4	21.67	19.57	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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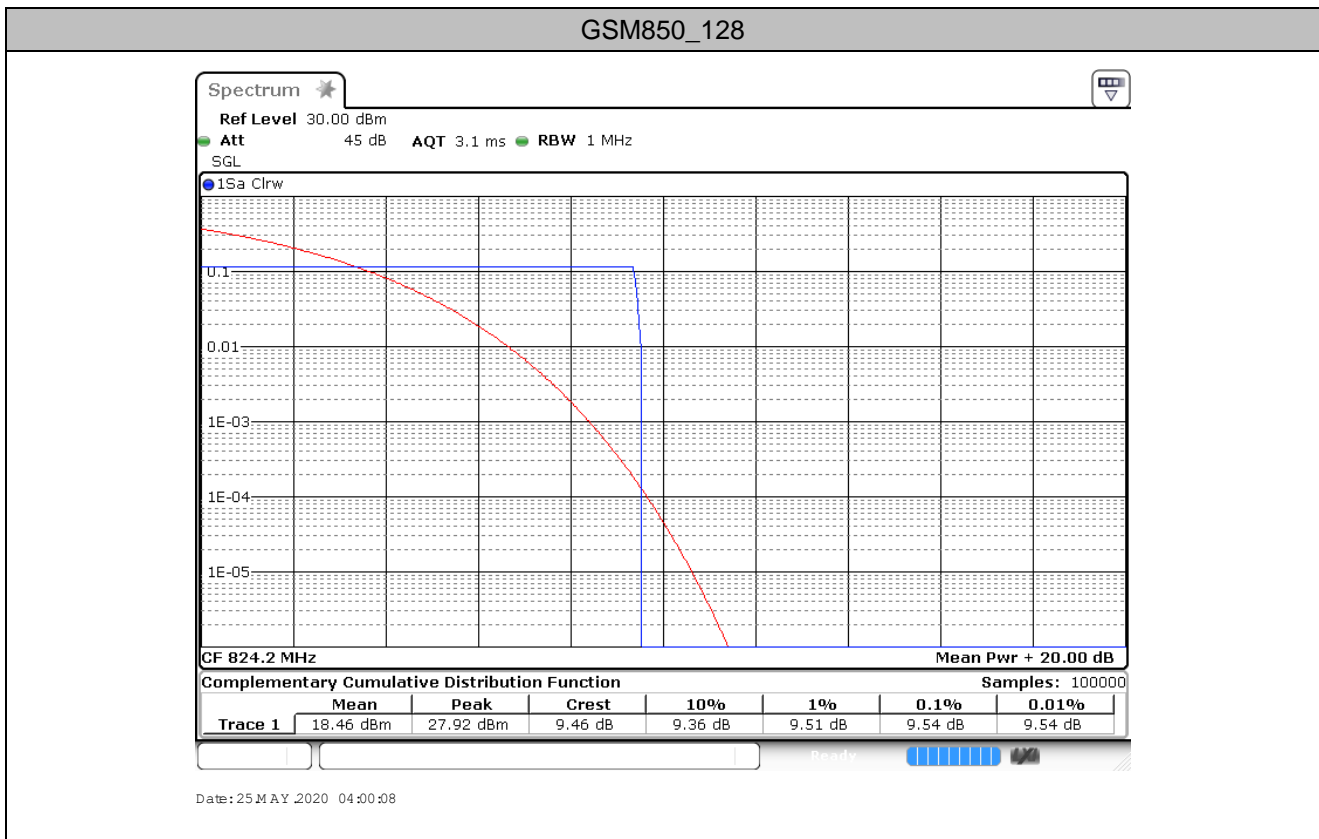
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2. Peak-to-Average Ratio

2.1. Test Result

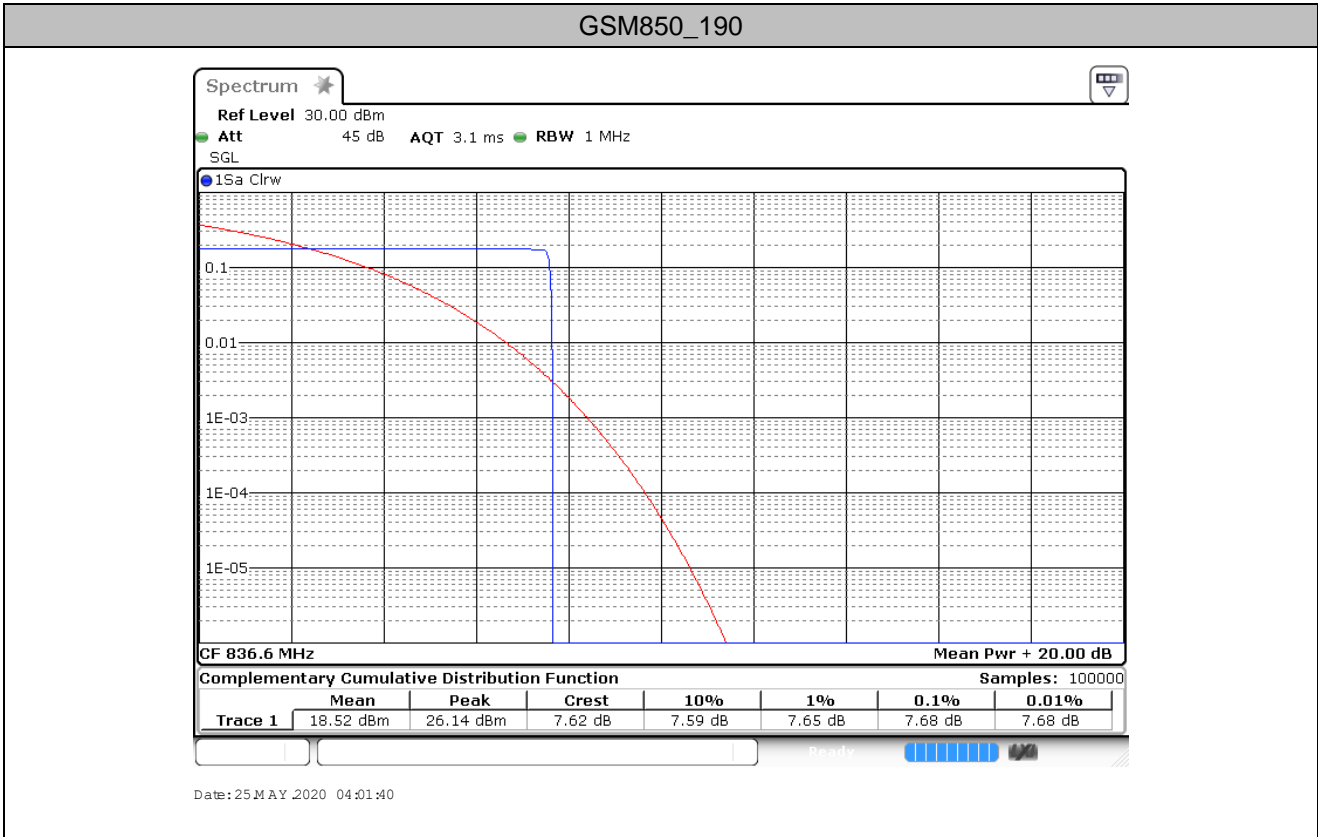
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	0.14	13	PASS
GSM850	190	0.13	13	PASS
GSM850	251	0.12	13	PASS
EGPRS850	190	2.94	13	PASS
GSM1900	512	0.40	13	PASS
GSM1900	661	0.32	13	PASS
GSM1900	810	0.25	13	PASS
EGPRS1900	512	10.46	13	PASS
EGPRS1900	661	10.96	13	PASS
EGPRS1900	810	11.25	13	PASS

2.2. Part II - Test Plots



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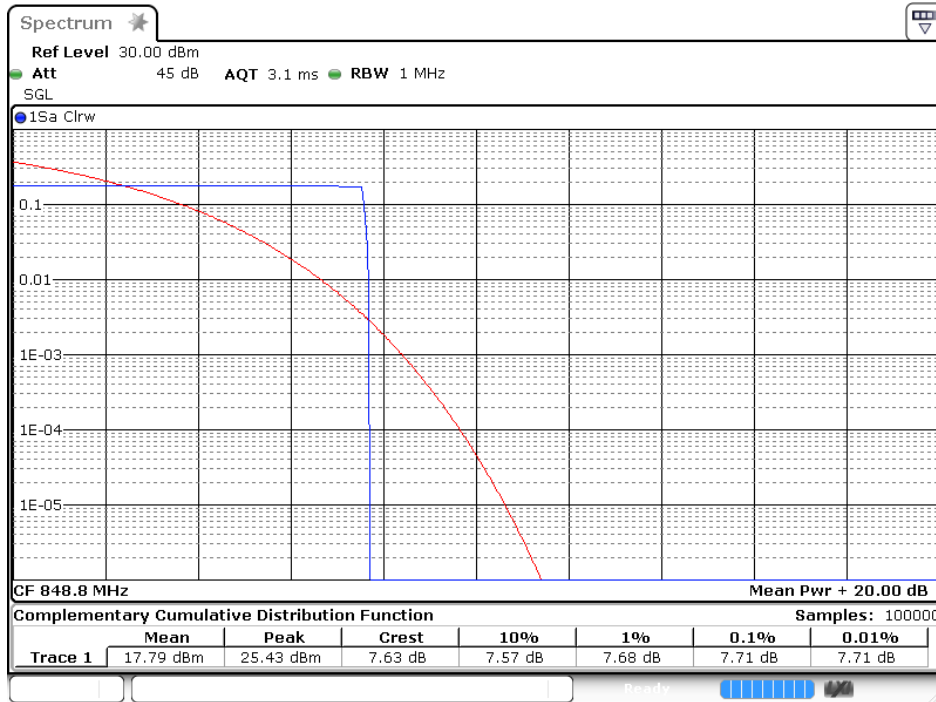
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GSM850_251

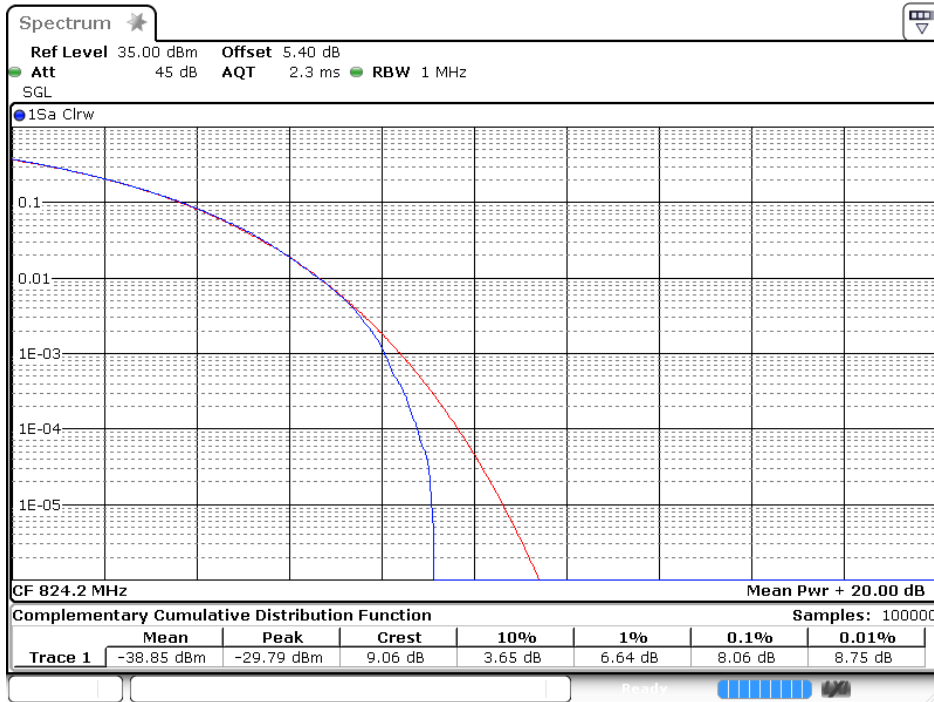


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EGPRS850_128

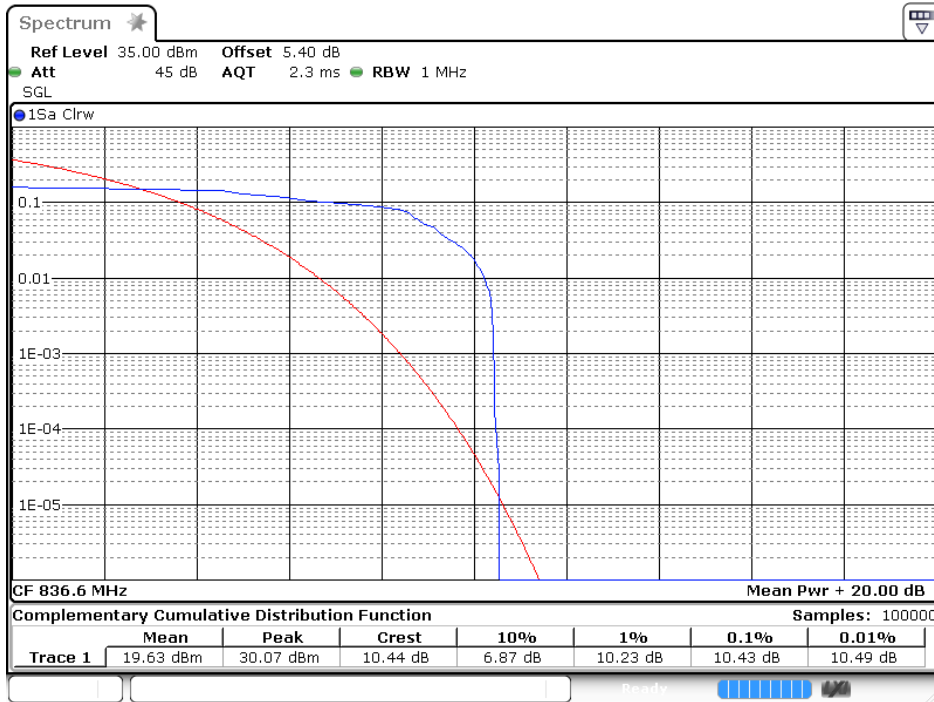


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EGPRS850_190

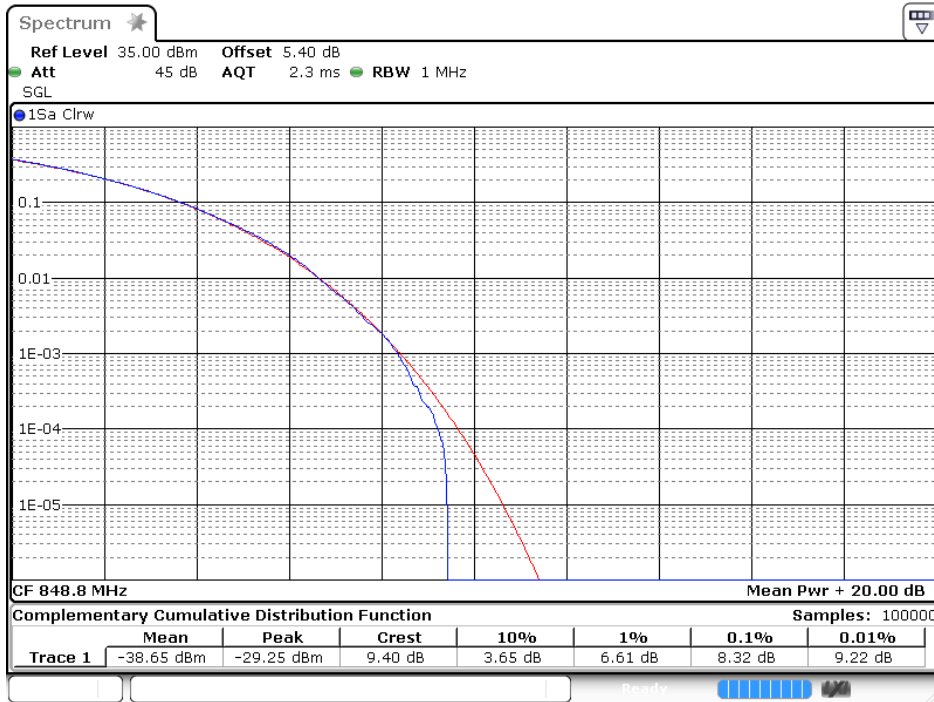


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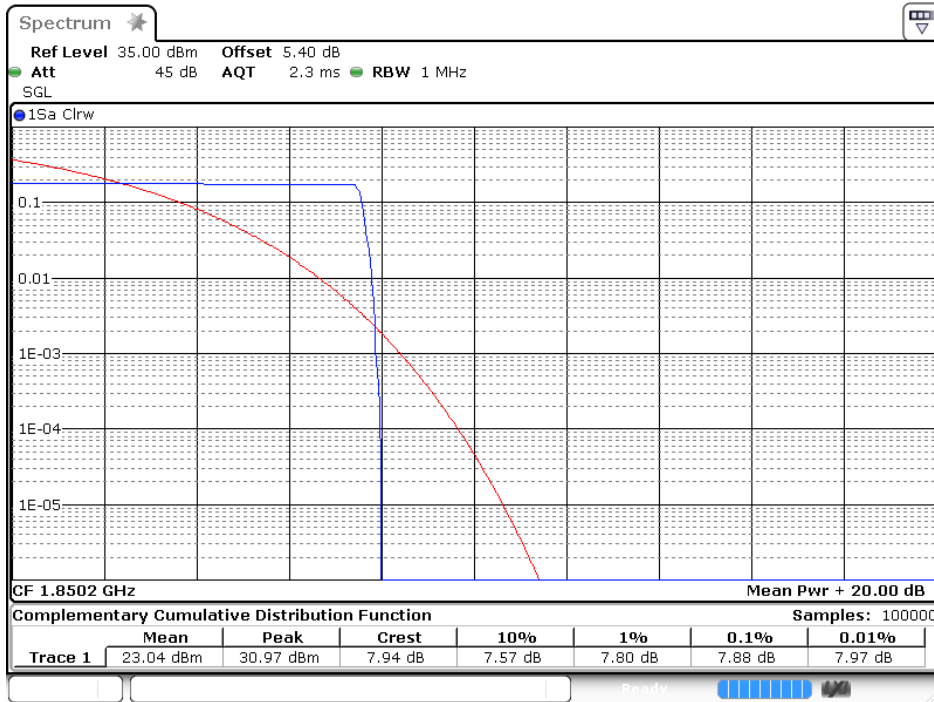


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GSM1900_512

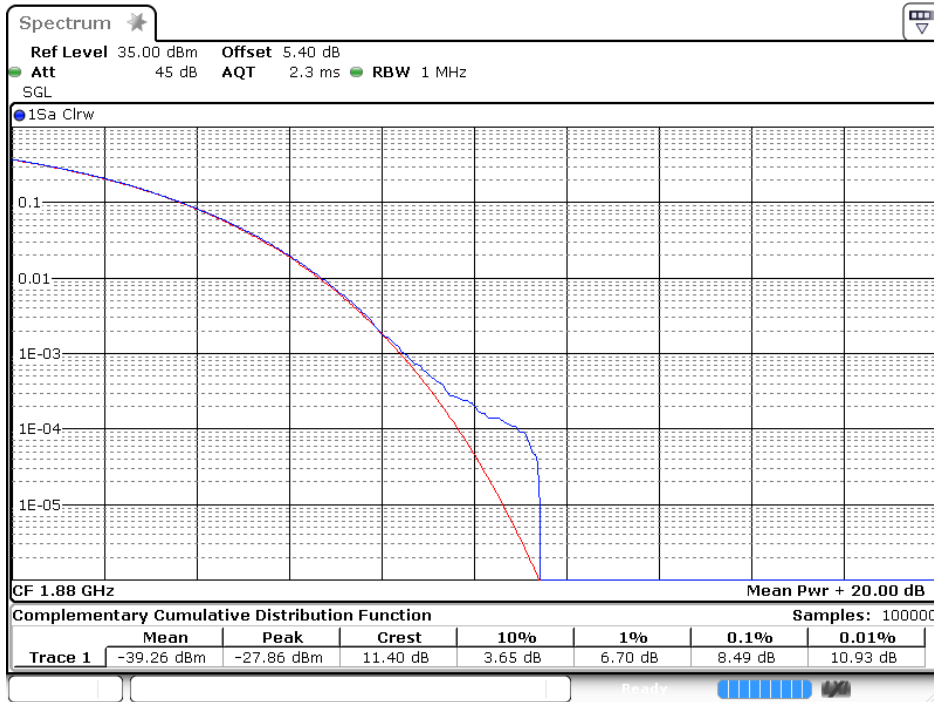


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GSM1900_661



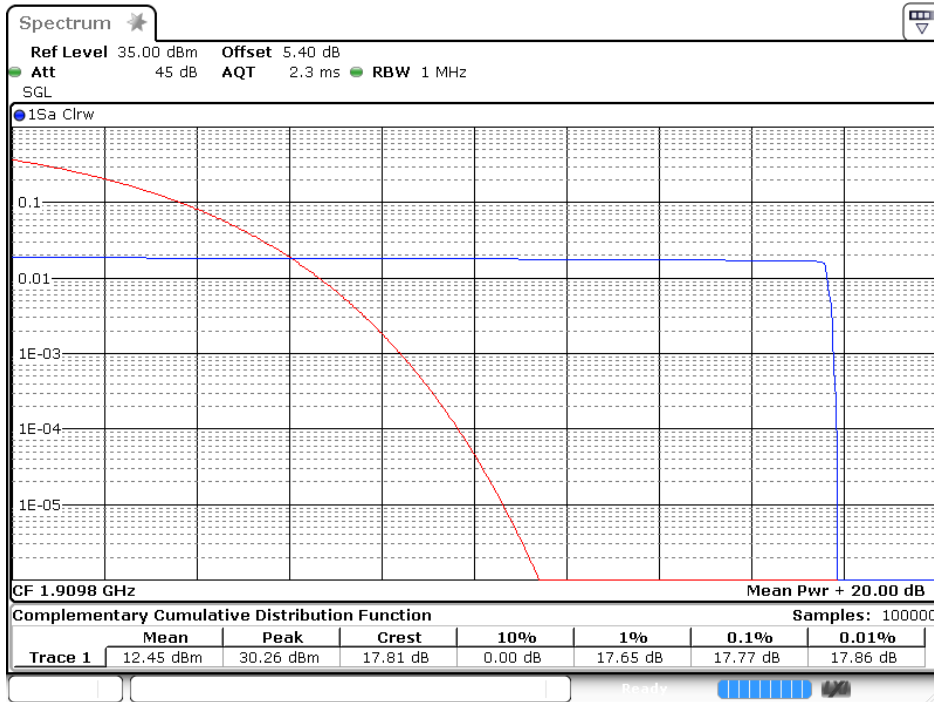
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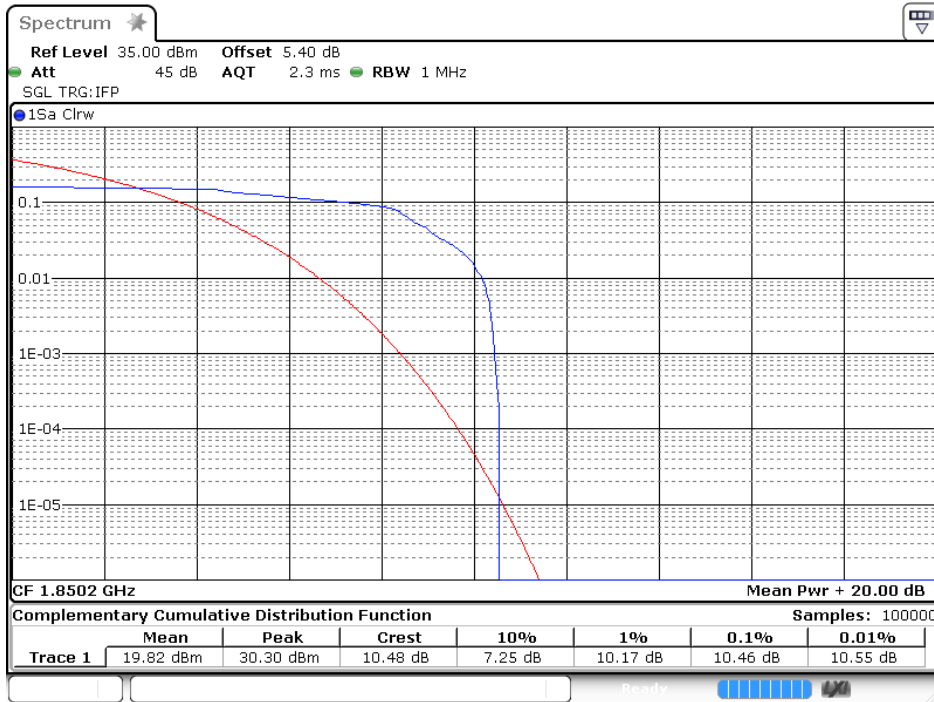


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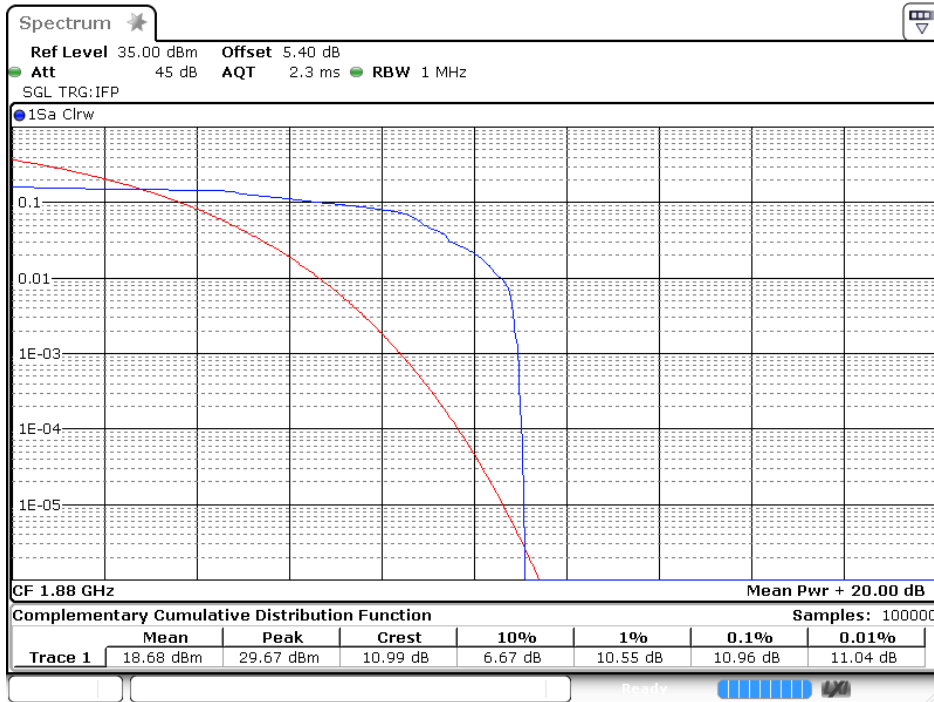


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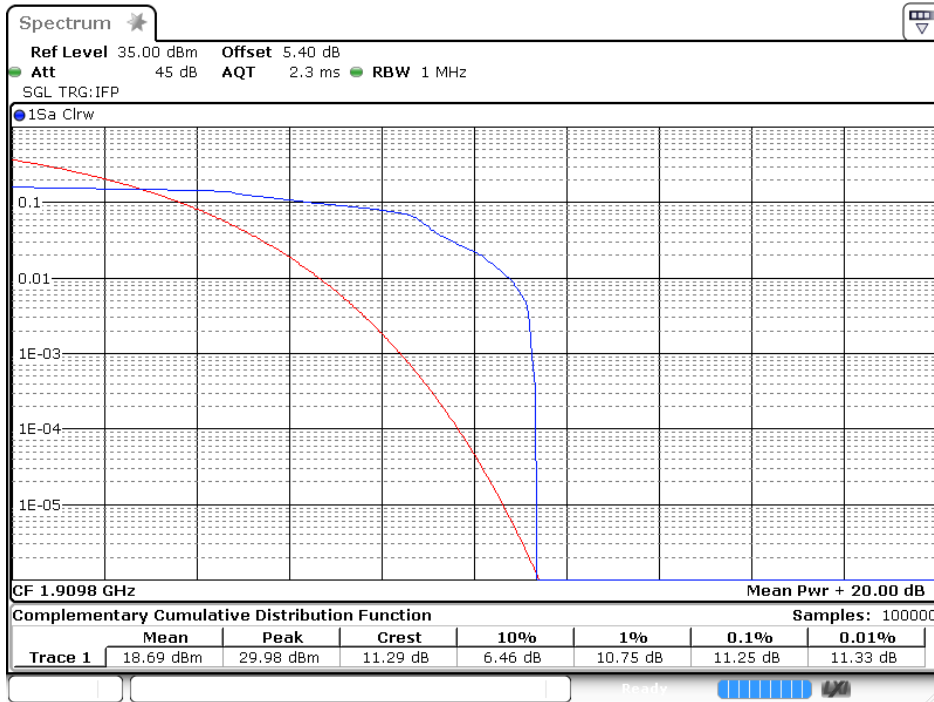


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EGPRS1900_810



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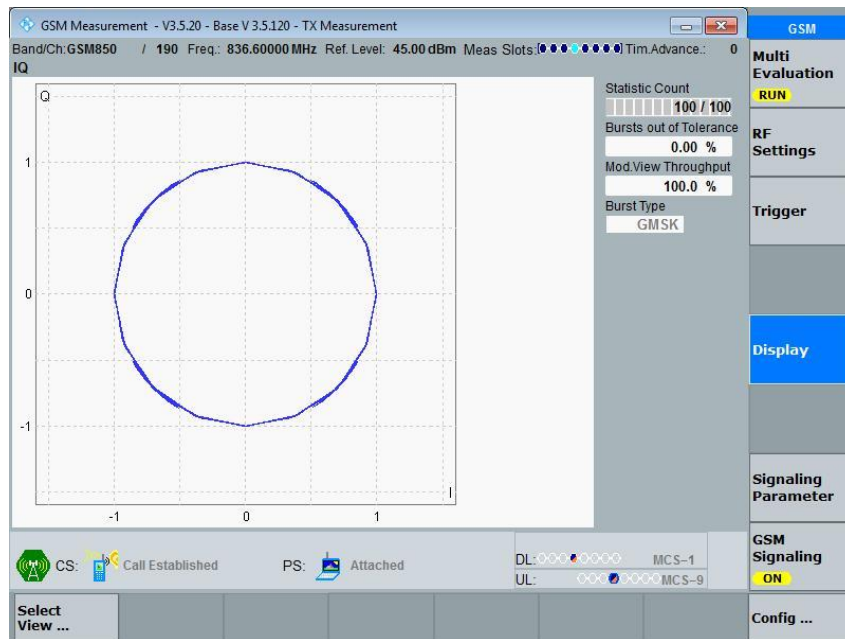
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

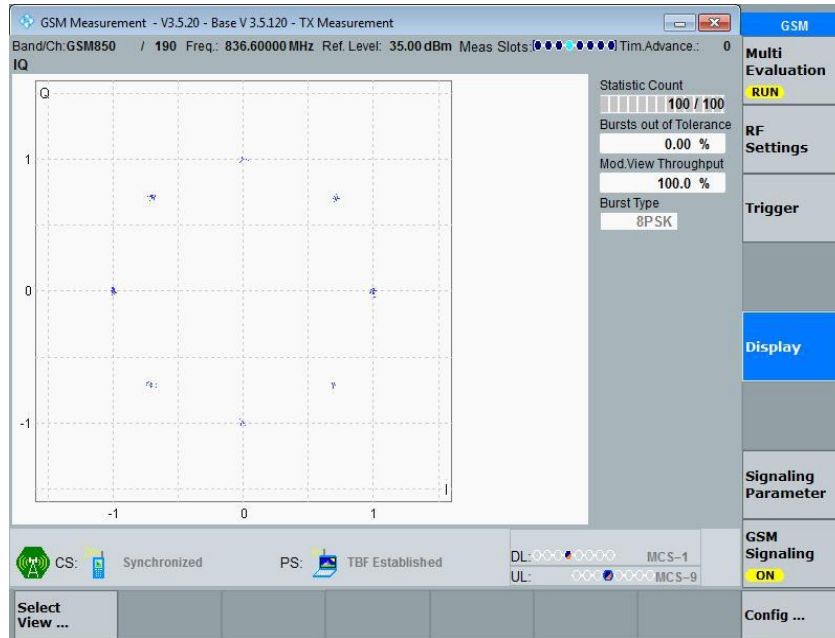
3.1.1.1.1. Test Channel = MCH



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3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH

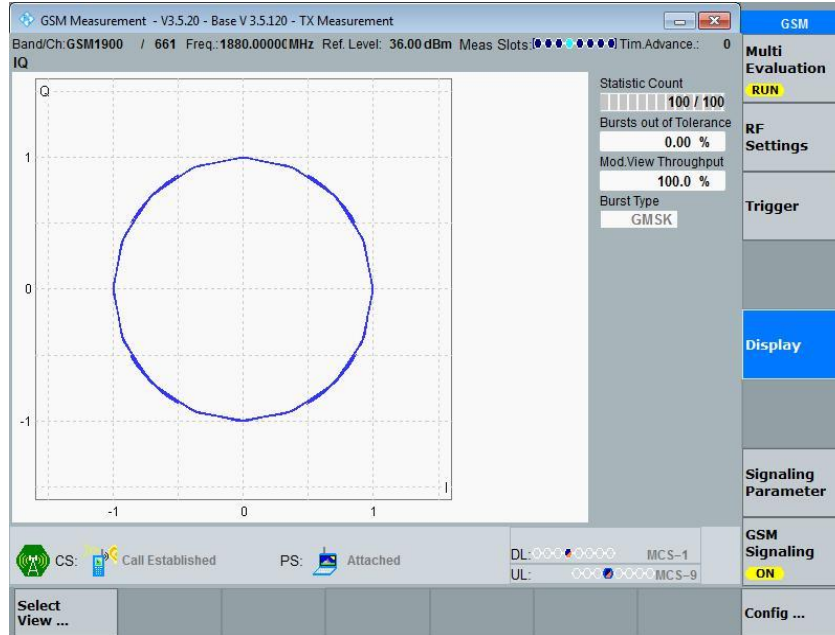


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3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

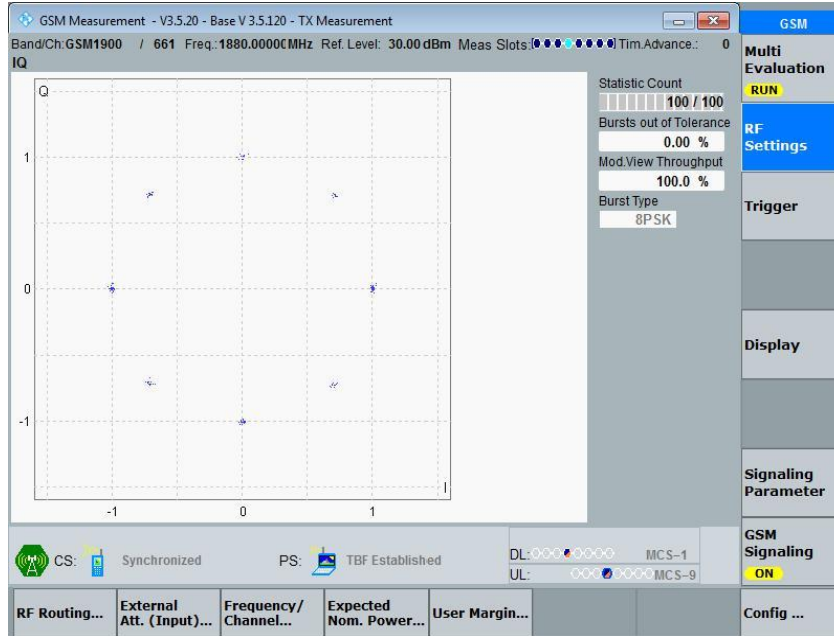
3.1.2.1.1. Test Channel = MCH



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3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



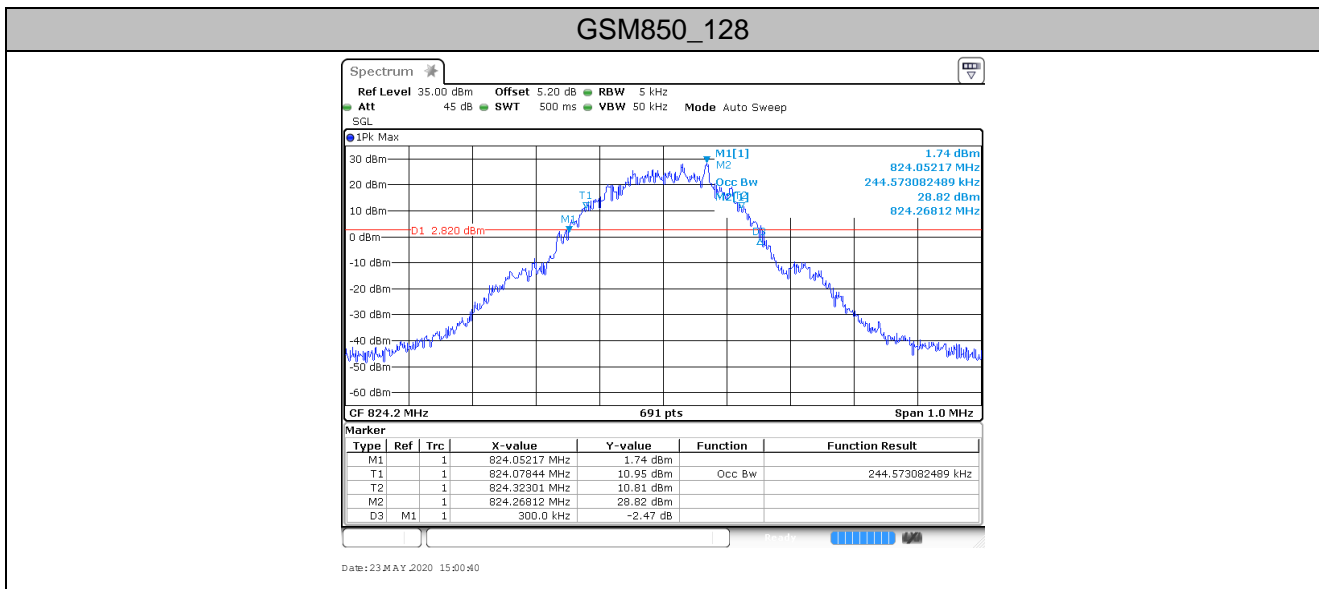
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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	244.6	300	---	PASS
GSM850	190	243.1	300	---	PASS
GSM850	251	243.1	301	---	PASS
EGPRS850	128	248.9	301	---	PASS
EGPRS850	190	250.4	300	---	PASS
EGPRS850	251	240.2	303	---	PASS
GSM1900	512	244.6	303	---	PASS
GSM1900	661	243.1	307	---	PASS
GSM1900	810	244.6	287	---	PASS
EGPRS1900	512	243.13	289.86	---	PASS
EGPRS1900	661	247.47	295.65	---	PASS
EGPRS1900	810	244.57	295.65	---	PASS

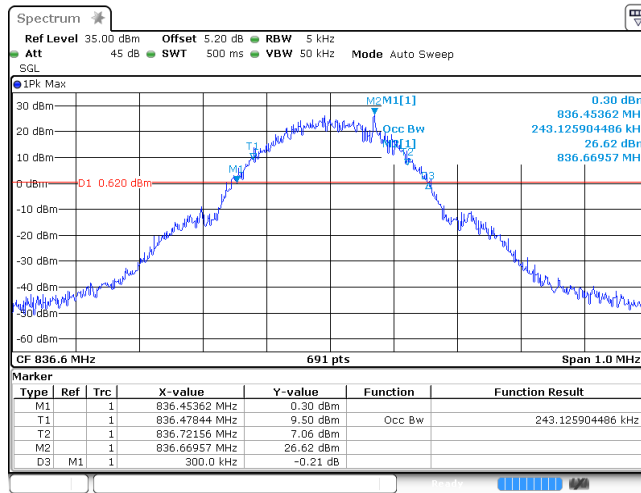
4.2. Test Plots



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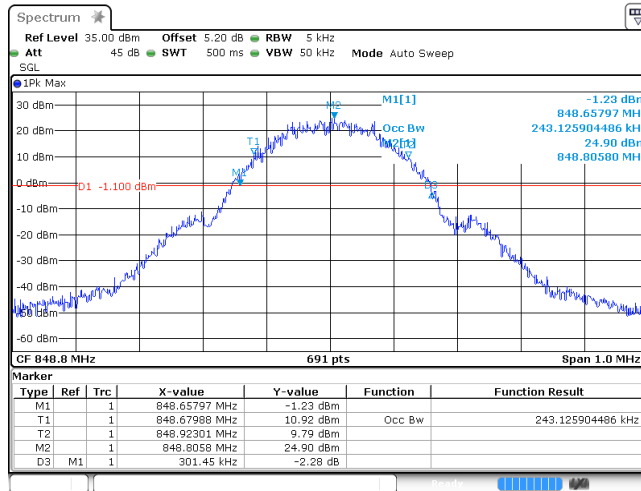
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GSM850_190



Date: 23 MAY 2020 15:01:59

GSM850_251



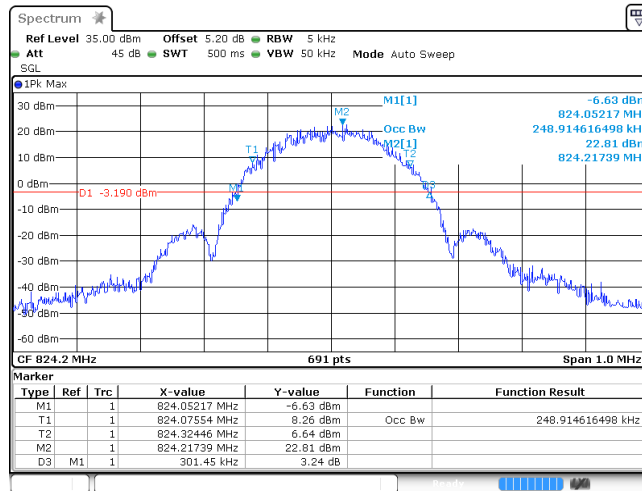
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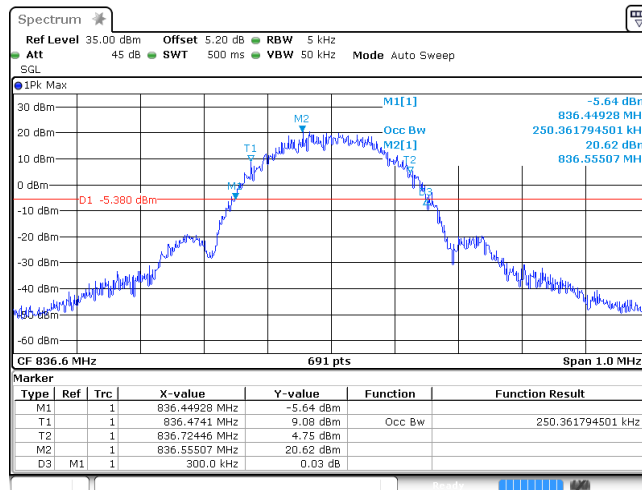
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EGPRS850_190

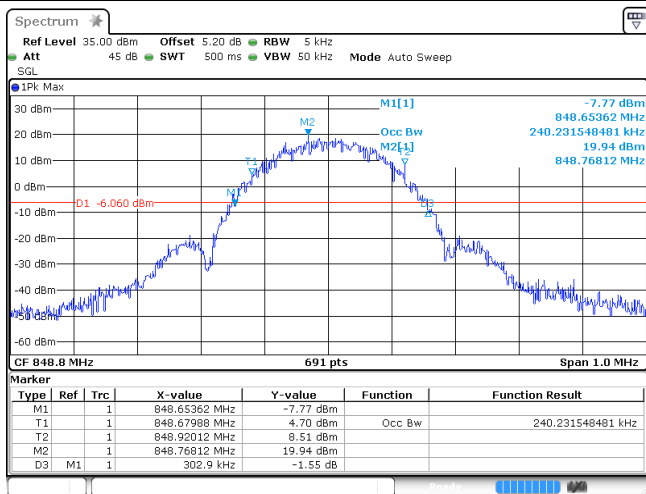


Date: 23 MAY 2020 14:38:09



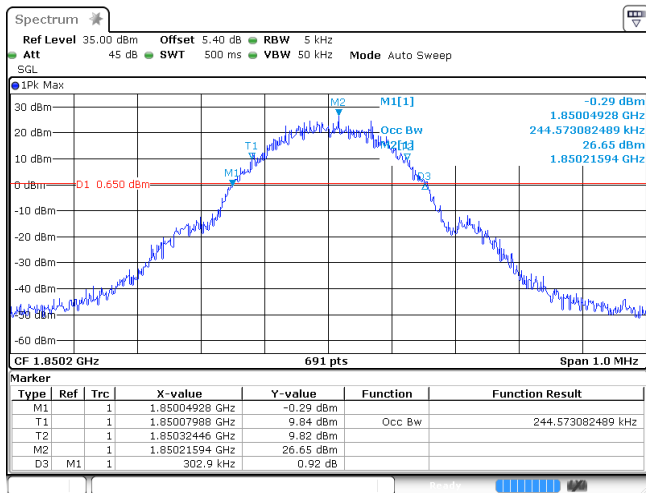
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EGPRS850_251



Date: 23 MAY 2020 14:38:42

GSM1900_512

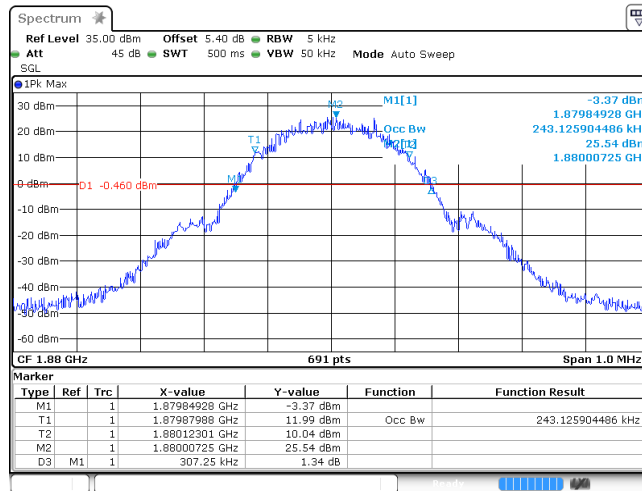


Date: 25 MAY 2020 03:29:29

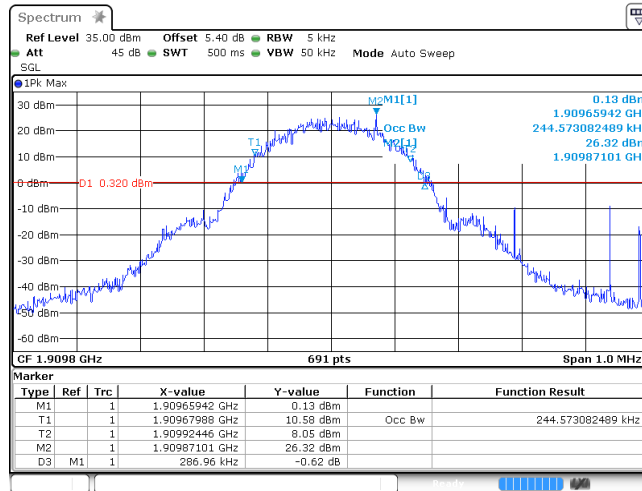


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GSM1900_661

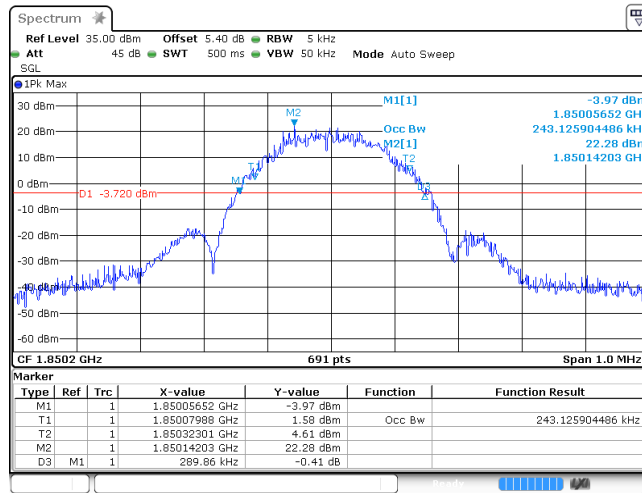


GSM1900_810



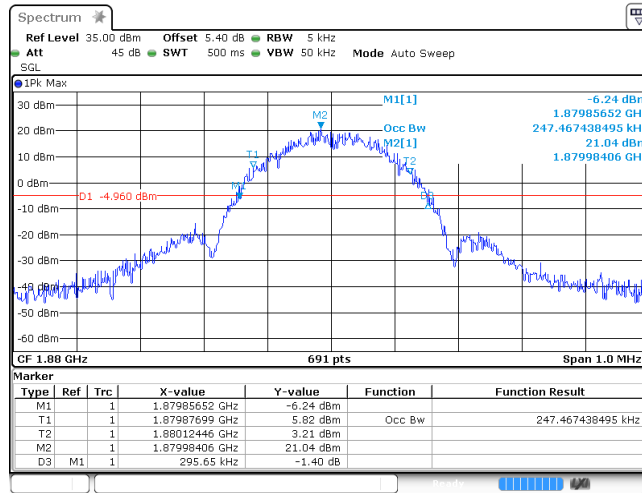
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EGPRS1900_512



Date: 21 MAY 2020 04:56:17

EGPRS1900_661



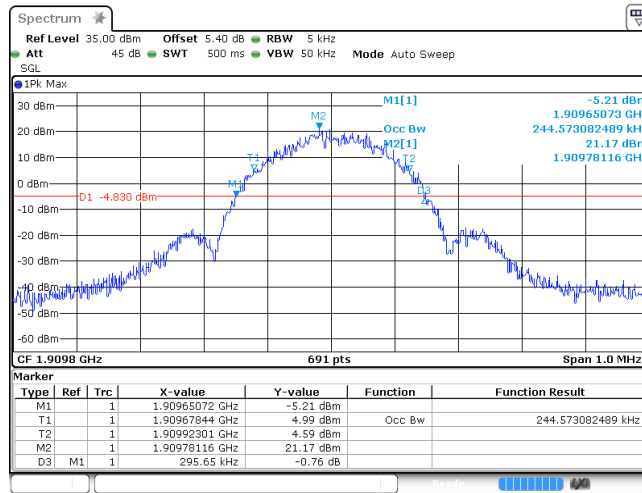
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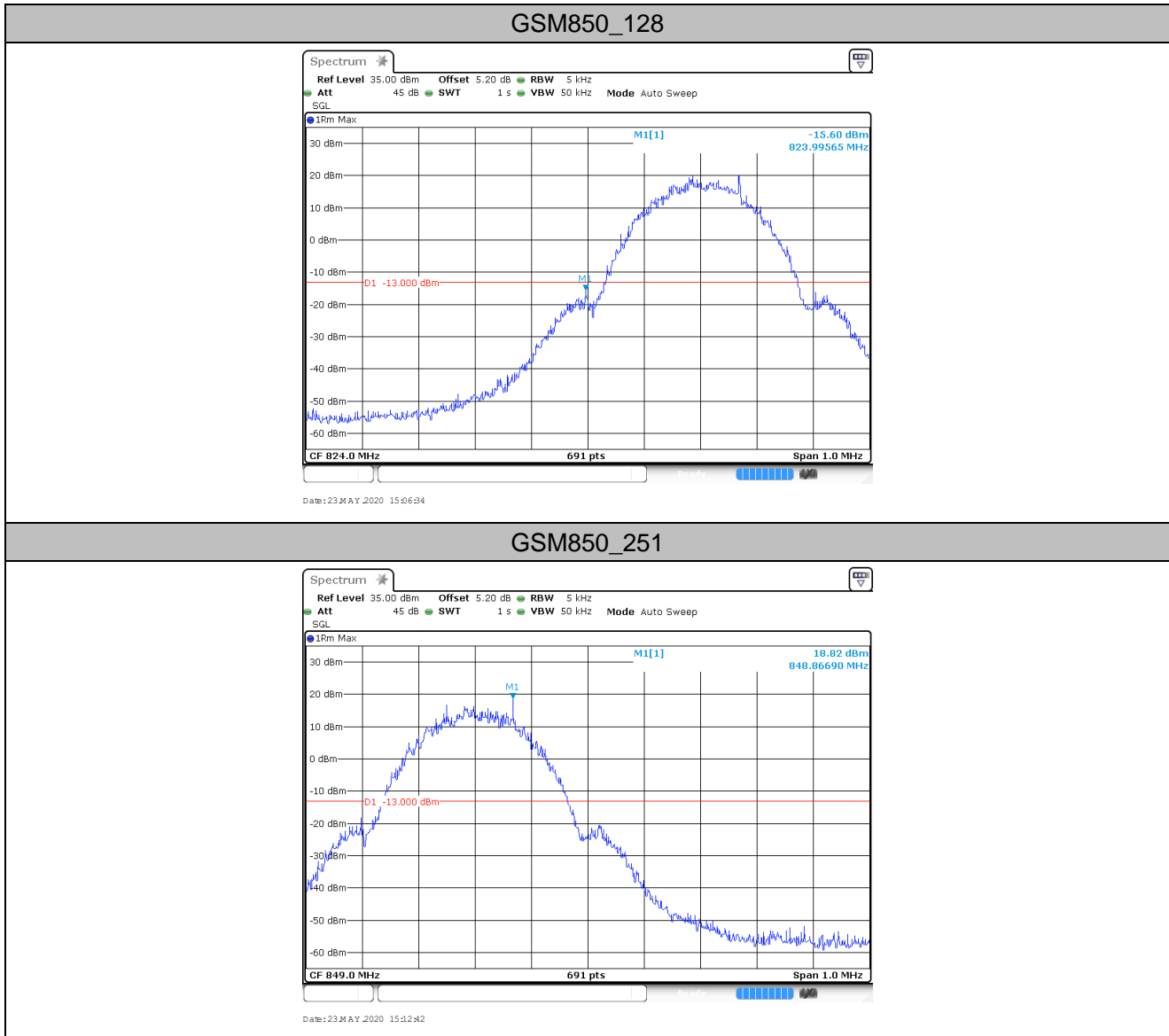
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5. Band Edge Compliance

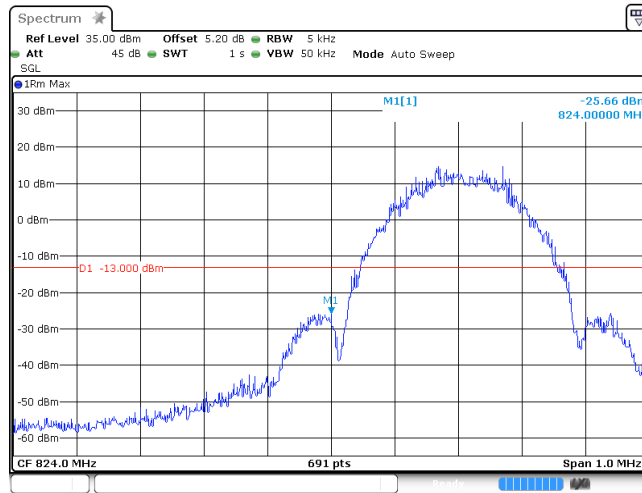
5.1. Test Plots



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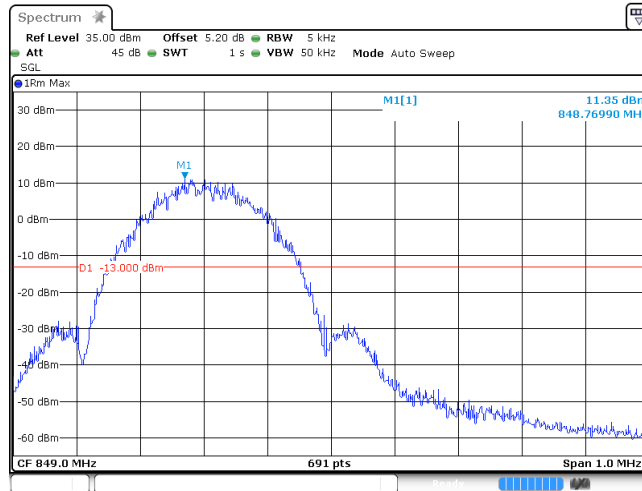
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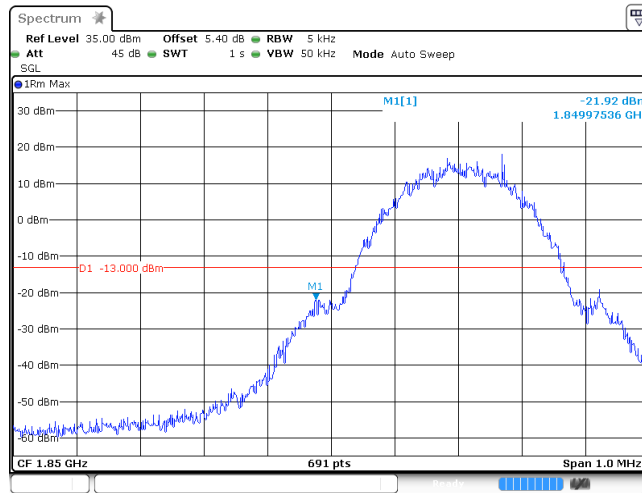
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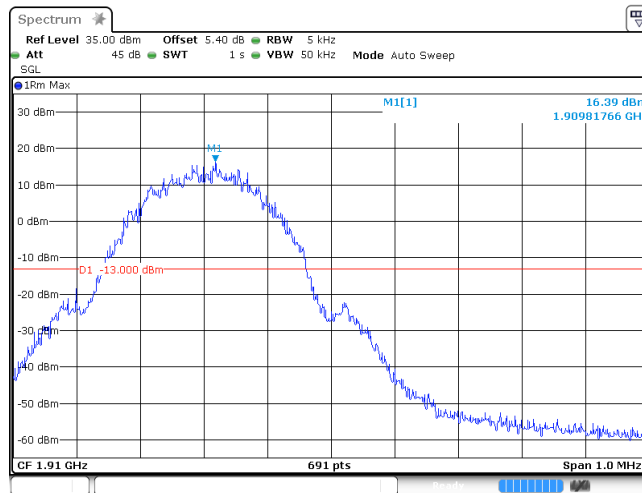
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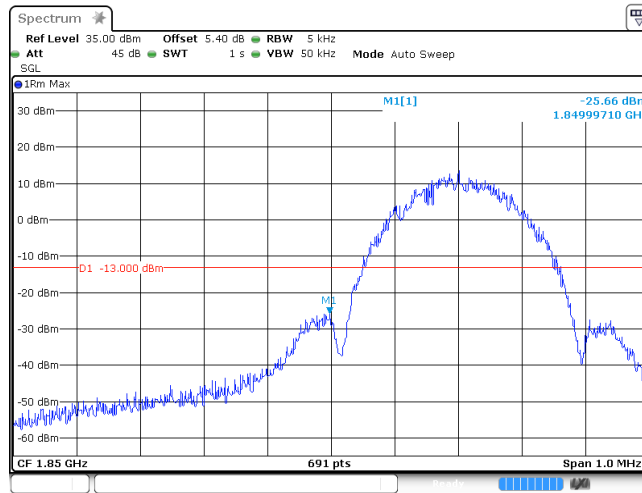


Date: 25 MAY 2020 03:31:15



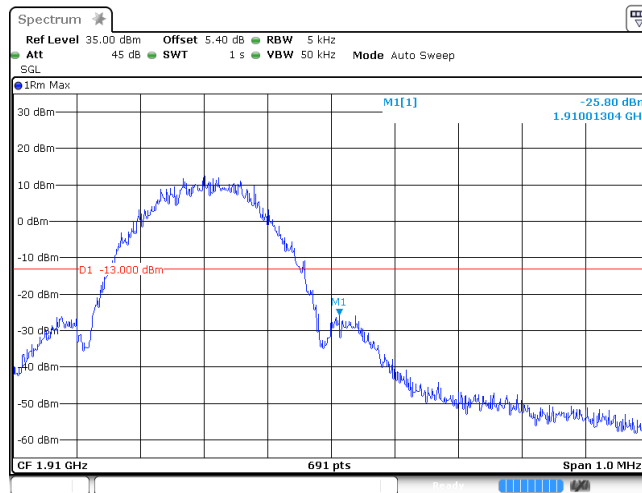
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EGPRS1900_810



Date: 21 MAY 2020 04:58:26



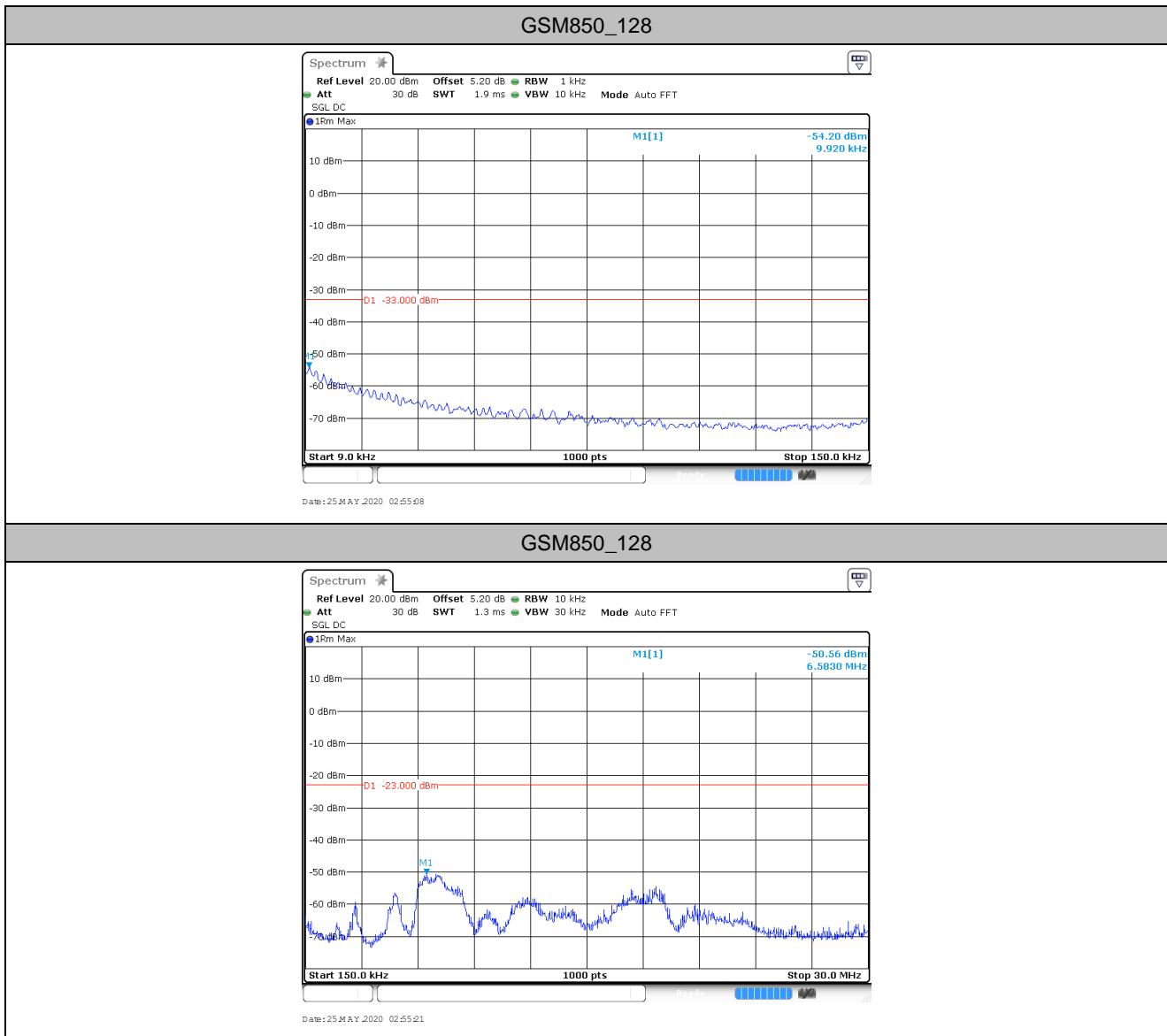
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6. Spurious Emission at Antenna Terminal

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

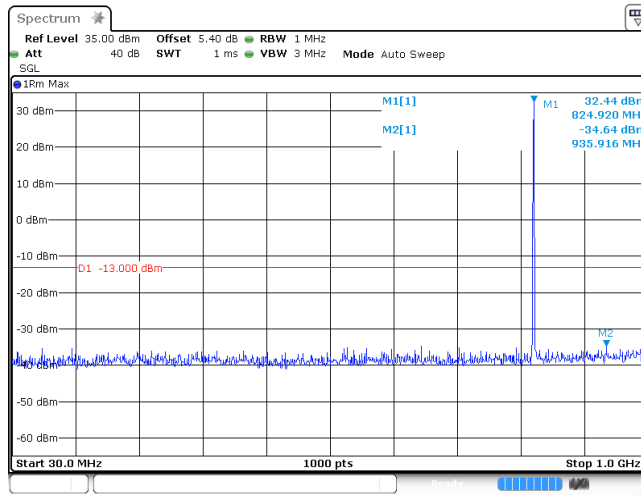
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



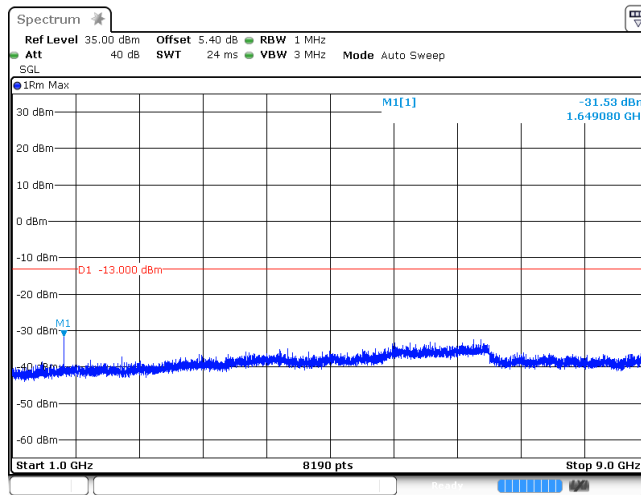
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GSM850_128



Date: 25 MAY 2020 02:55:35

GSM850_128



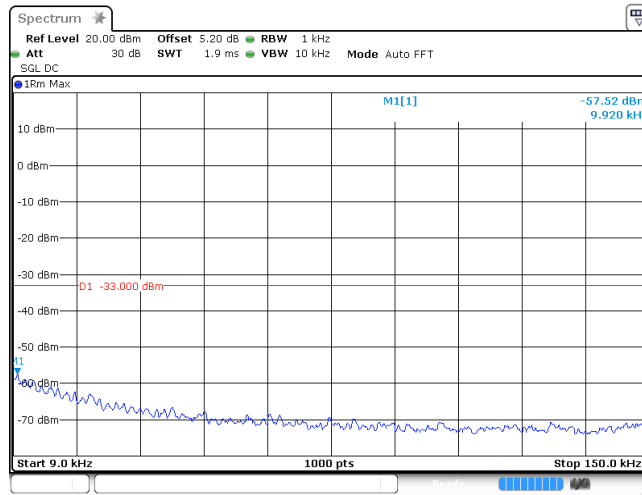
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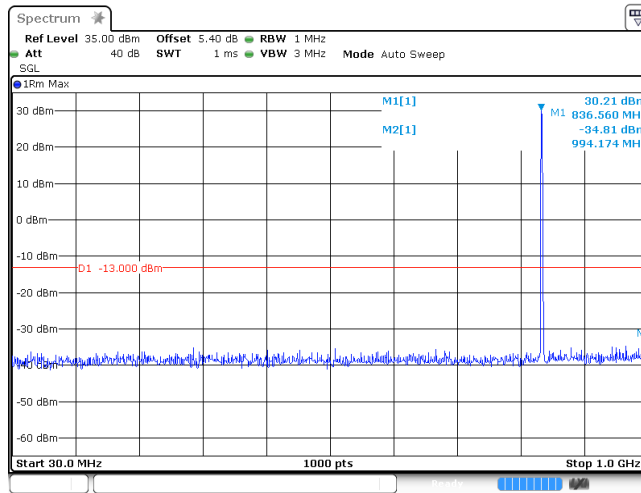
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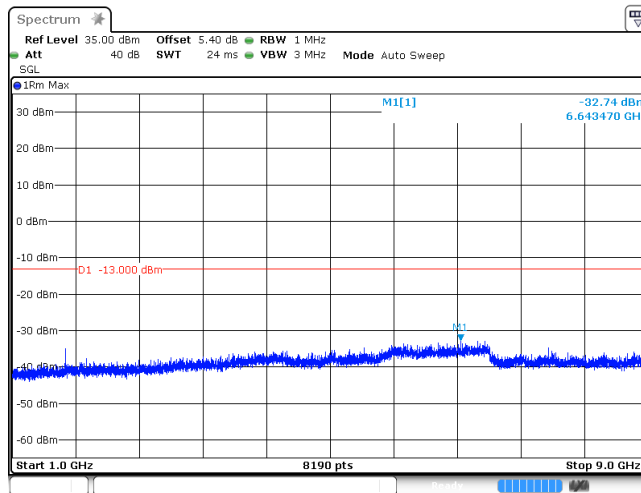
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Date: 25 MAY 2020 02:59:38

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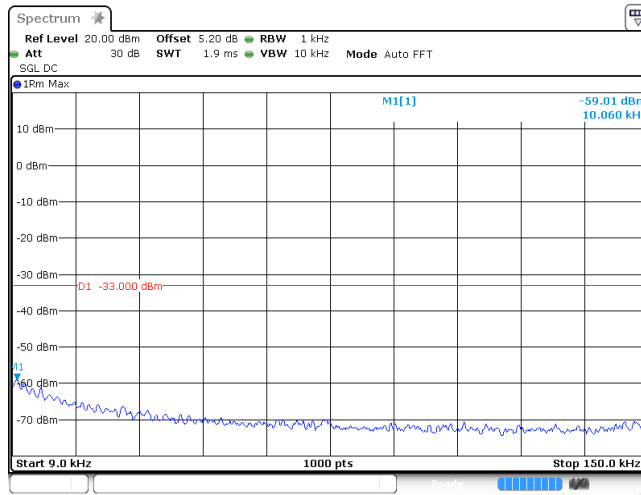


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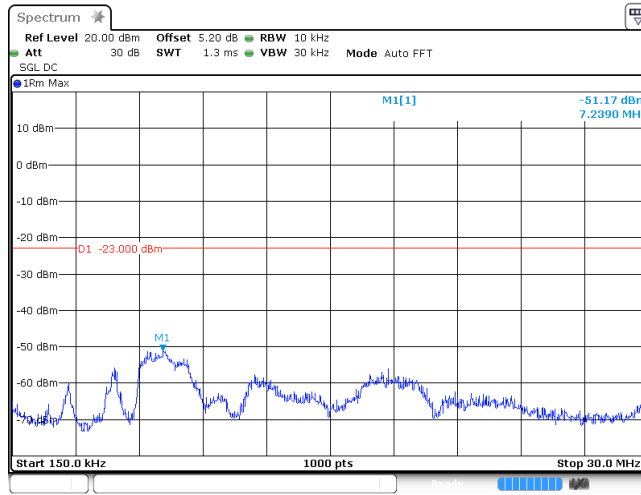
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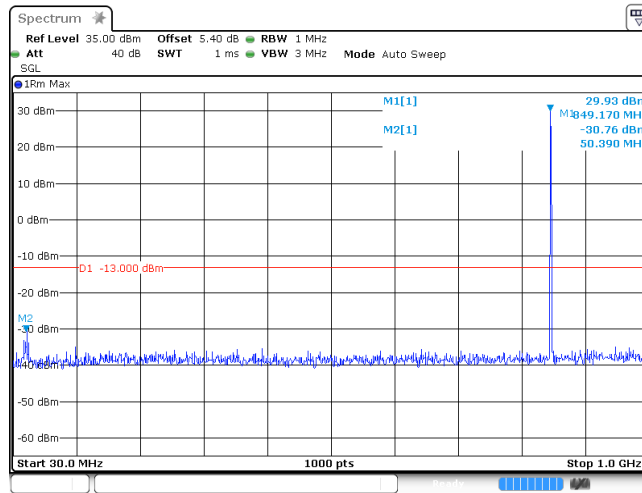


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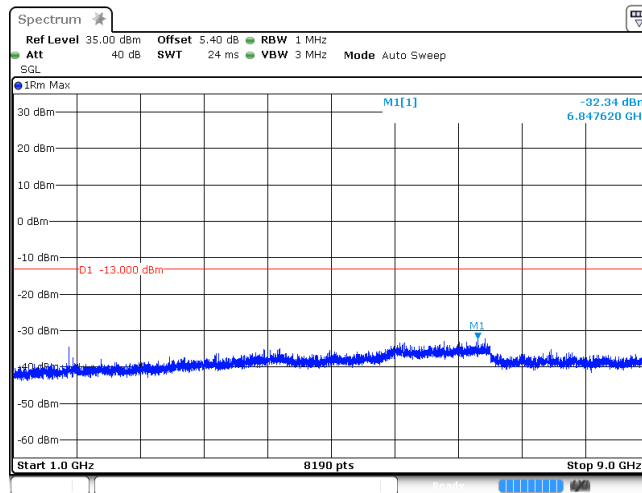
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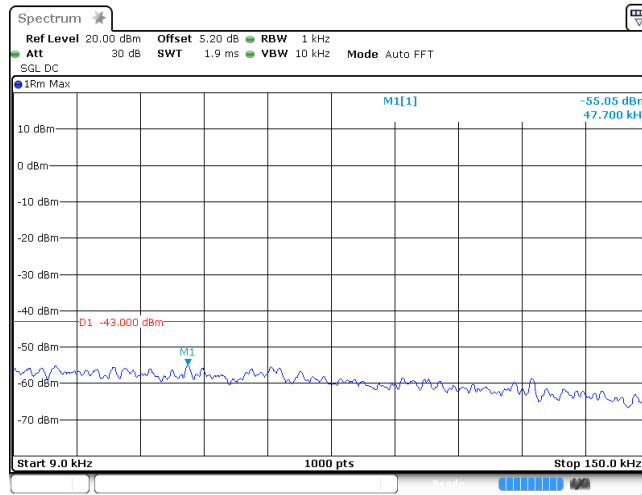
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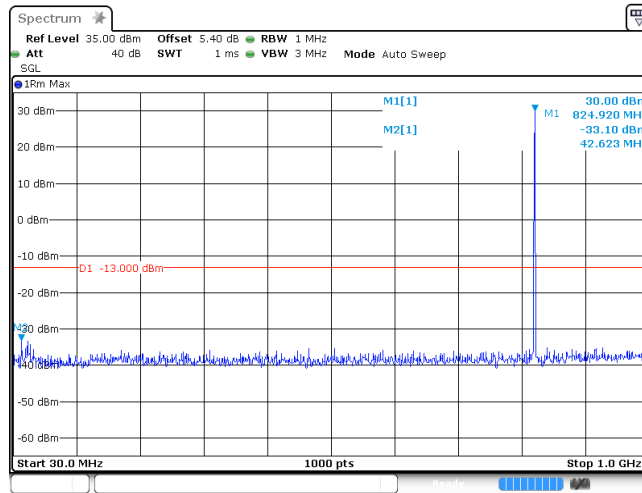
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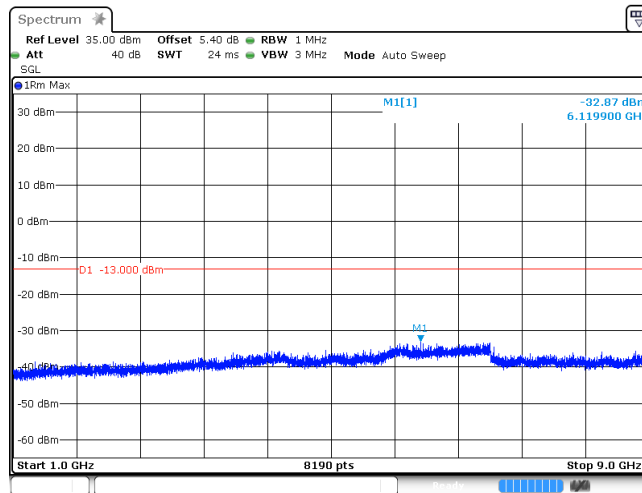
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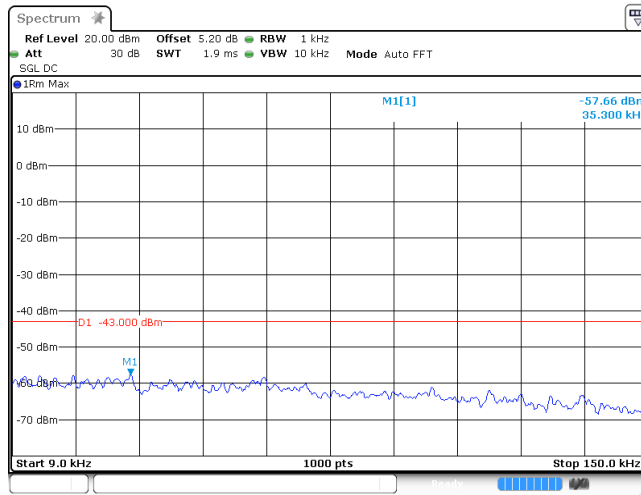
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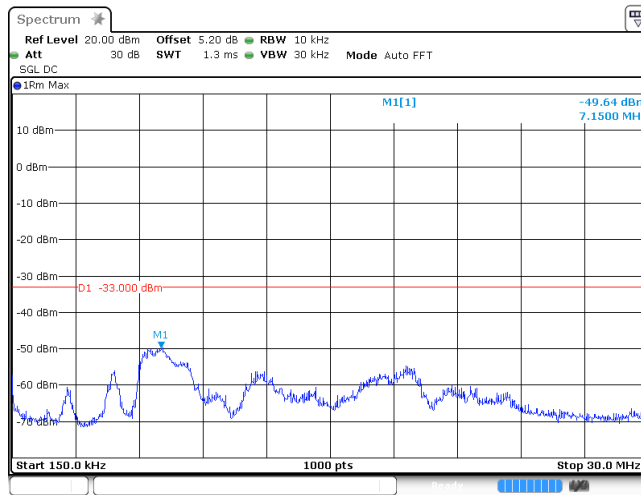
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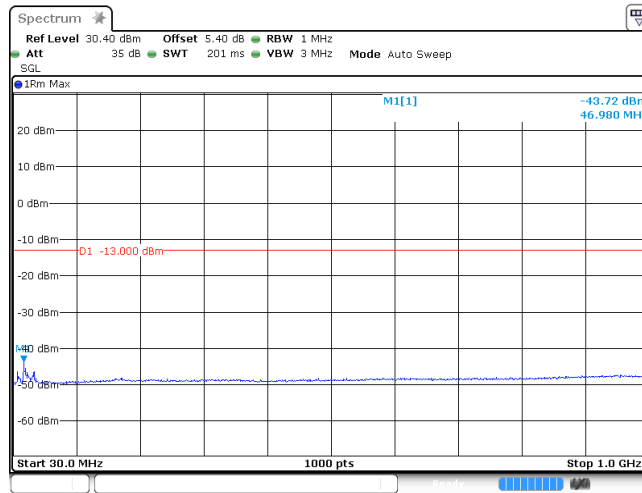
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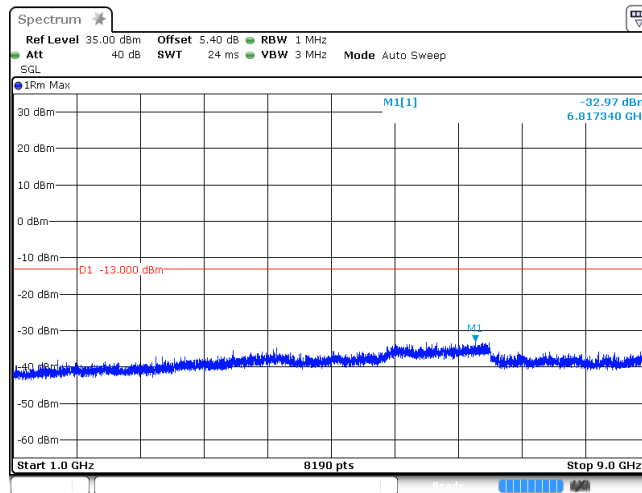
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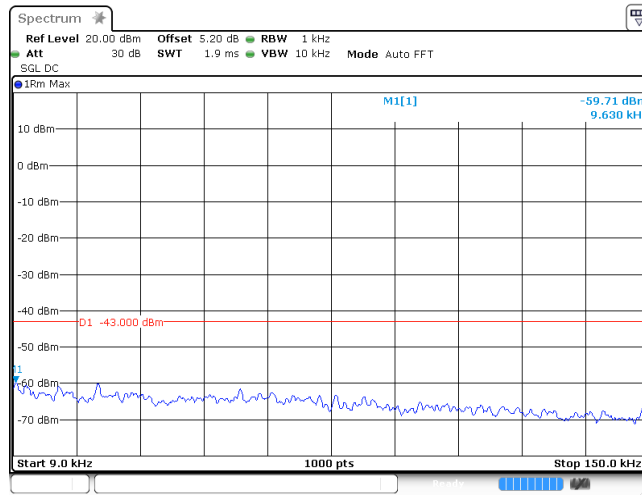


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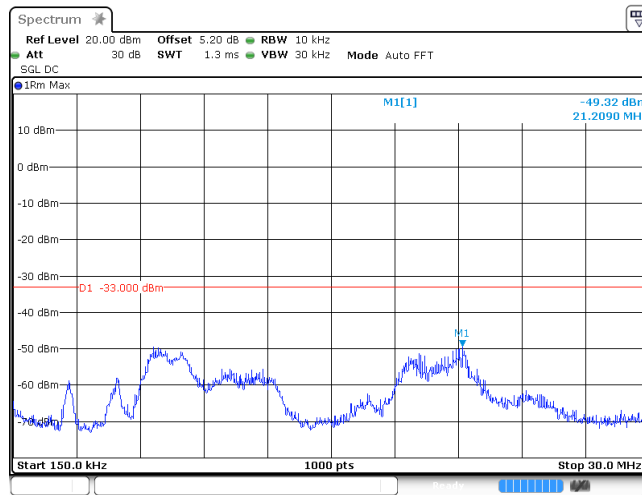
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Date: 23 MAY 2020 14:49:36

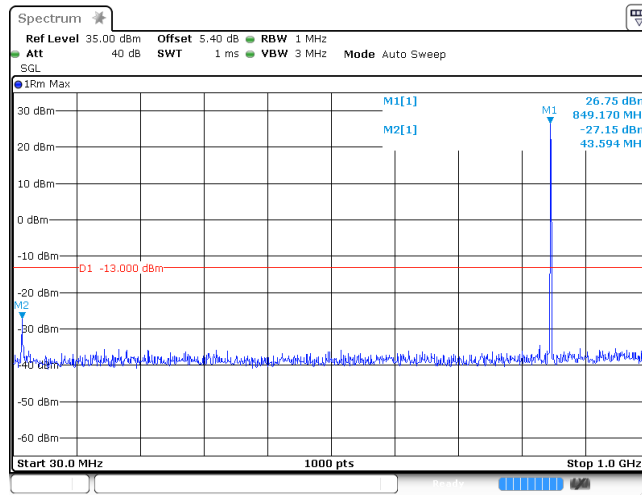


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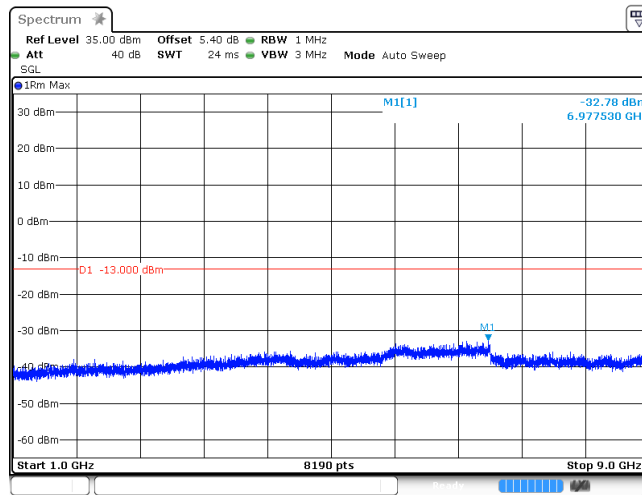


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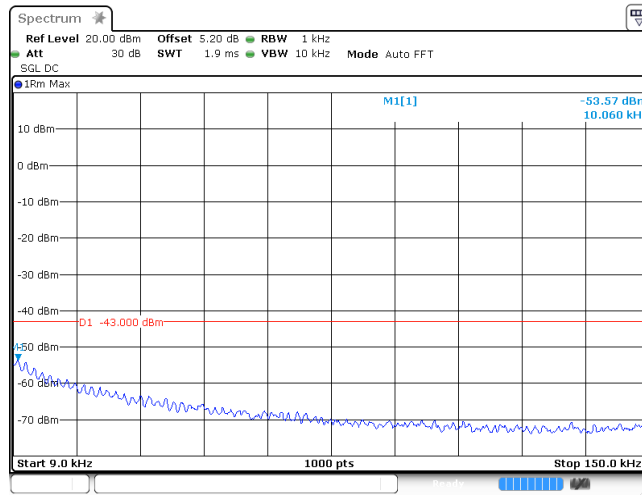
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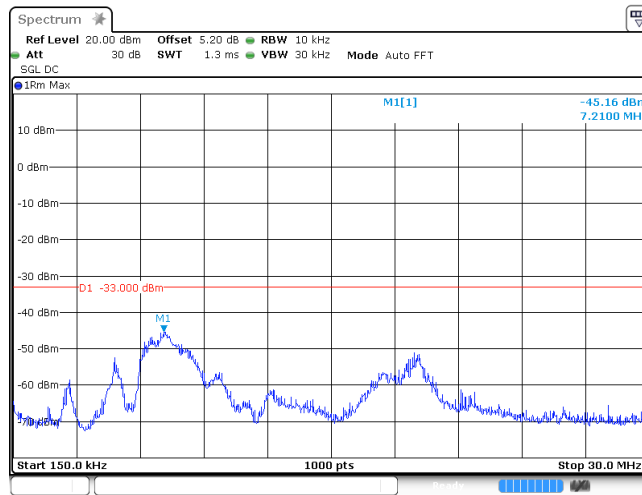
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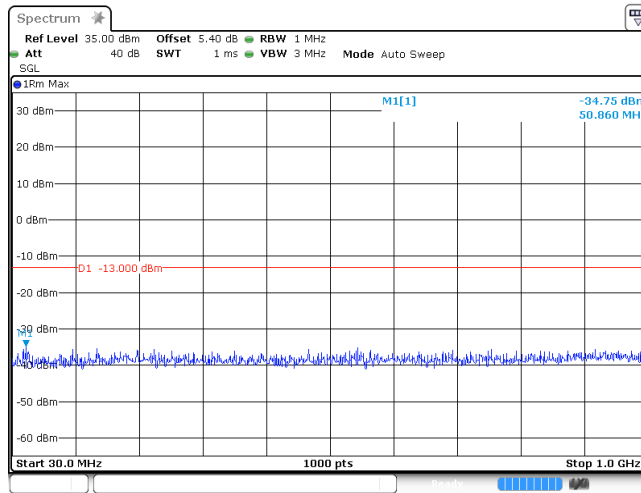
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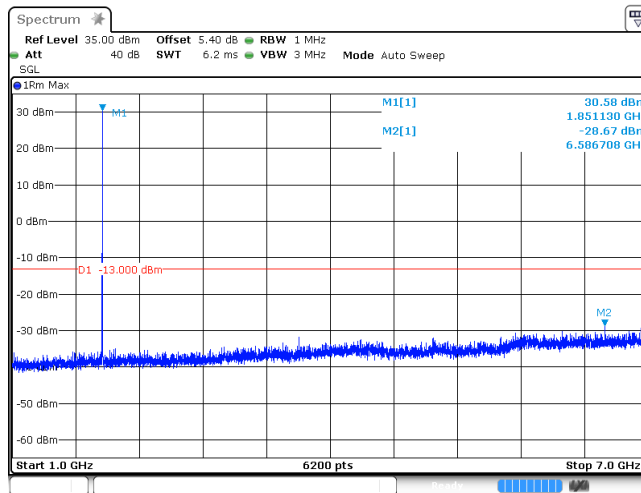
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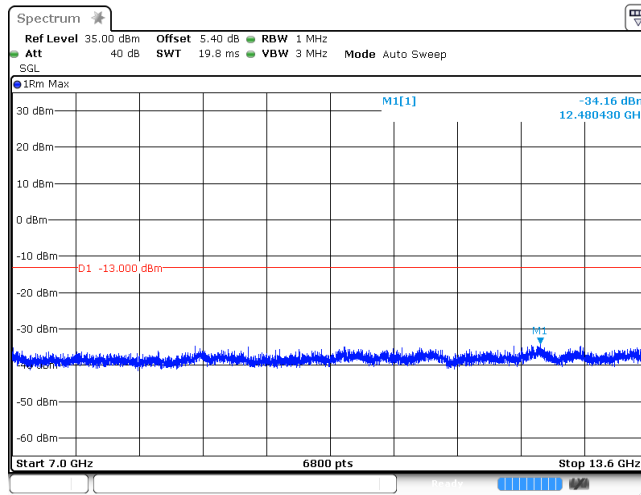
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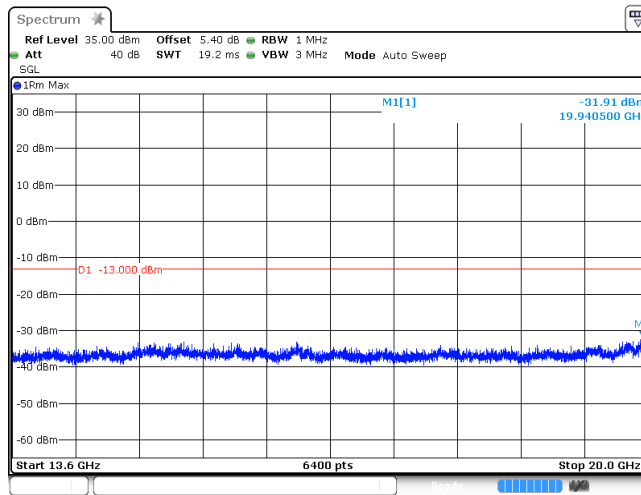
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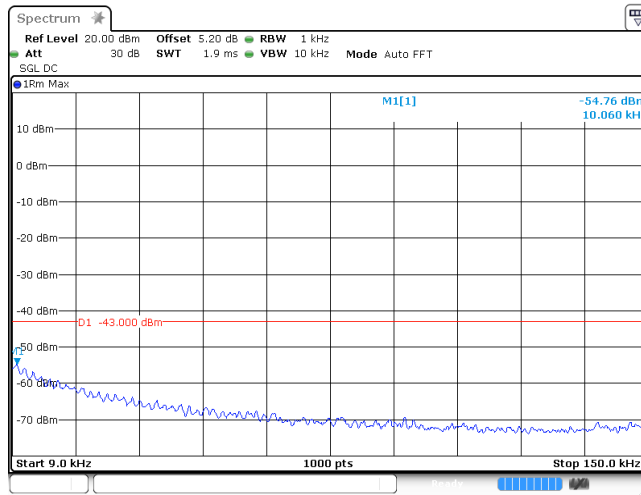


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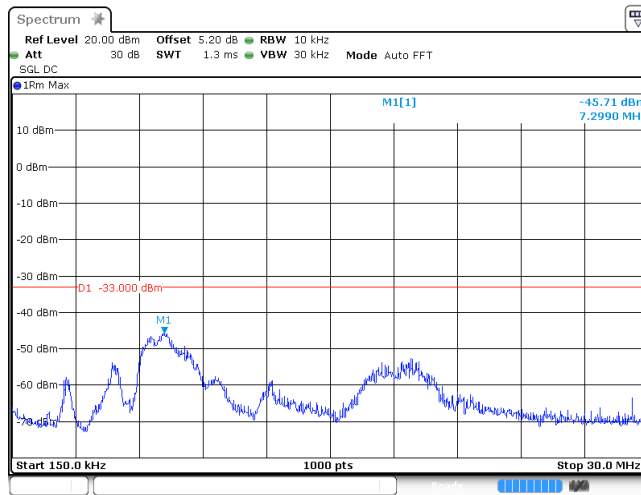
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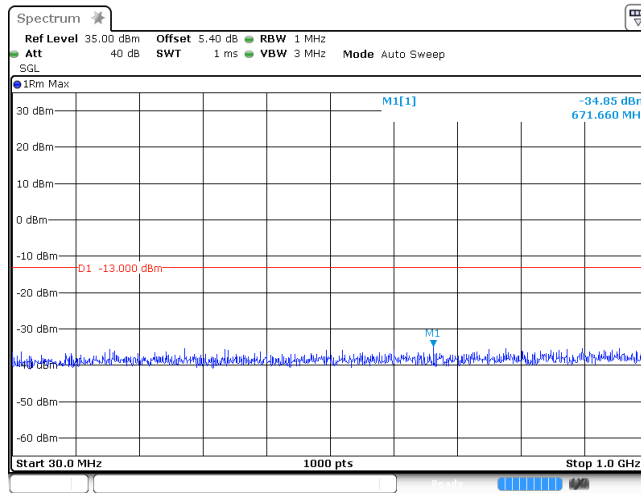
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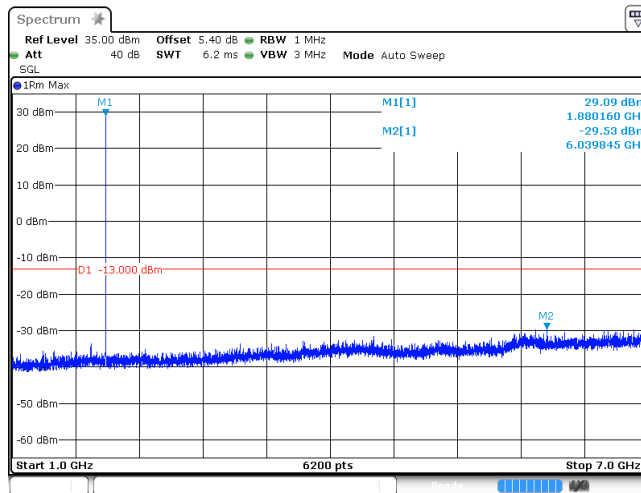
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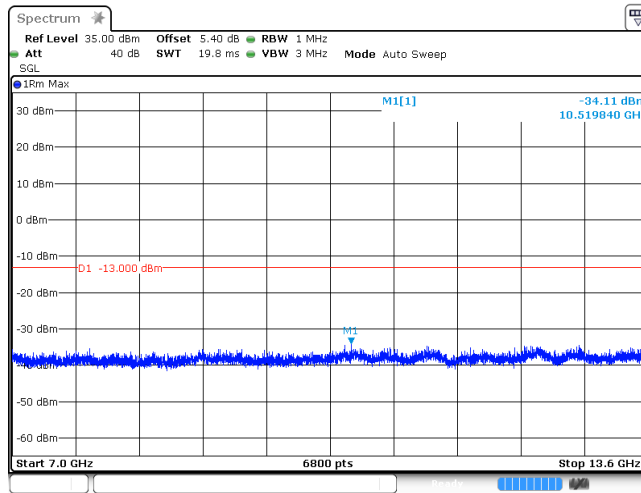
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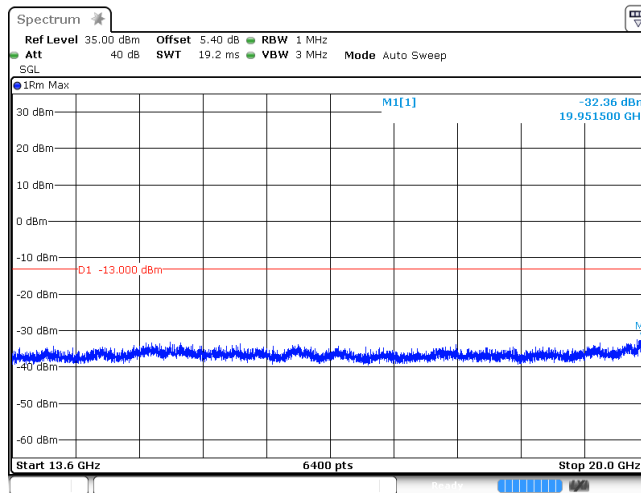
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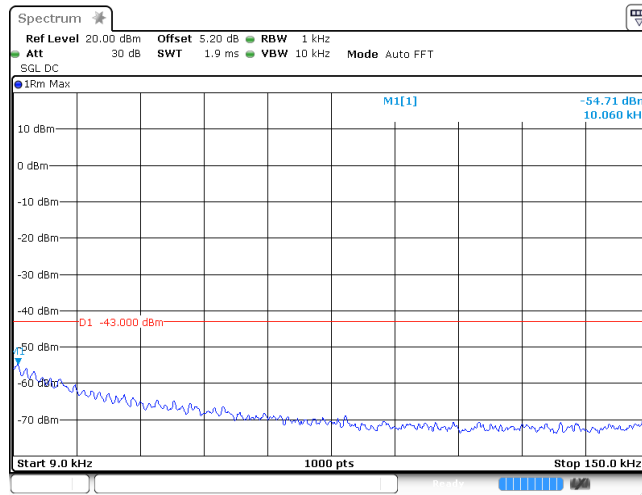


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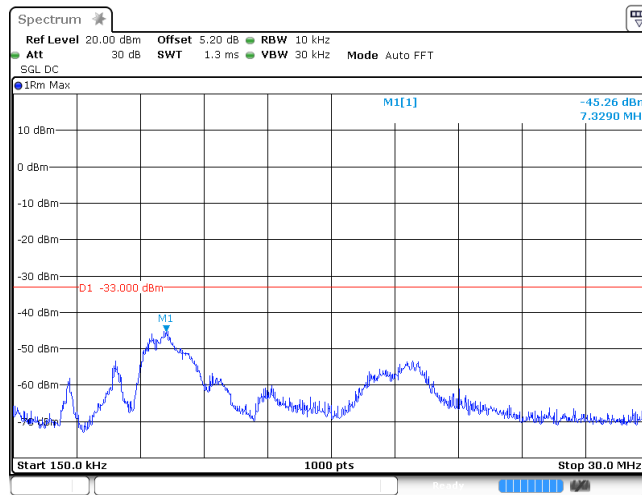
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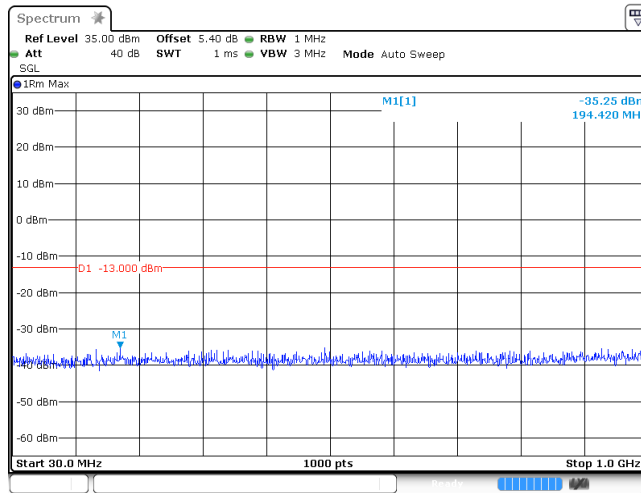
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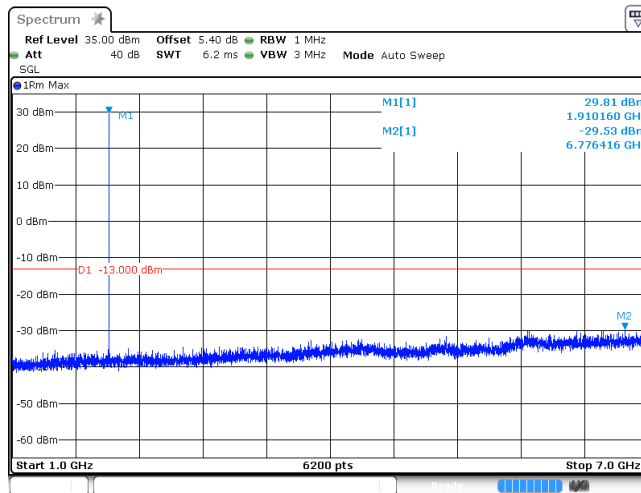
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GSM1900_810



Date: 25 MAY 2020 03:50:16

GSM1900_810



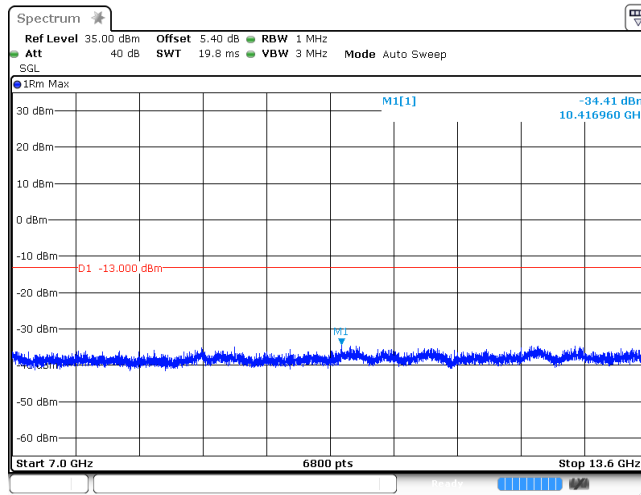
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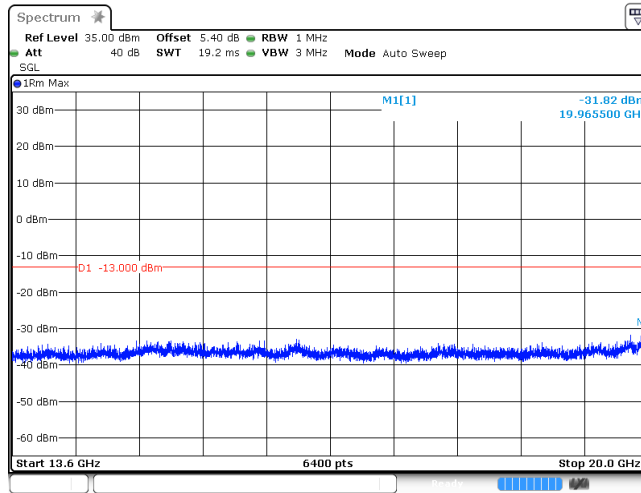
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GSM1900_810



Date: 25 MAY 2020 03:50:43

GSM1900_810

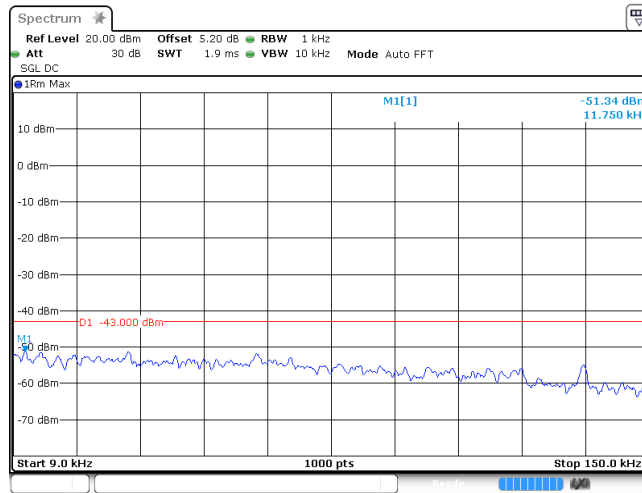


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EGPRS1900_512



Date: 21 MAY 2020 04:58:54

EGPRS1900_512



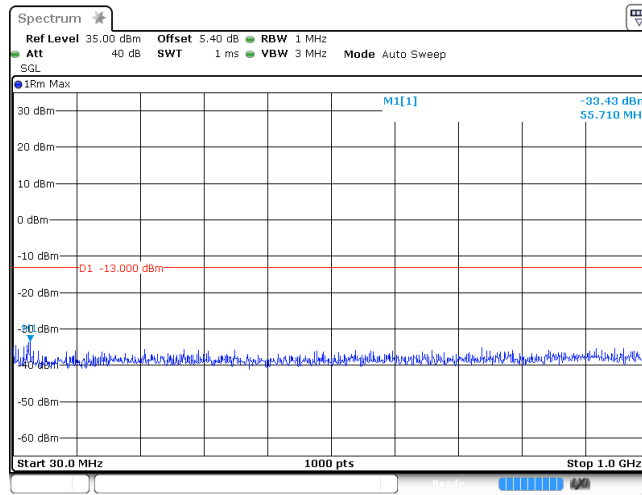
Date: 21 MAY 2020 04:59:06



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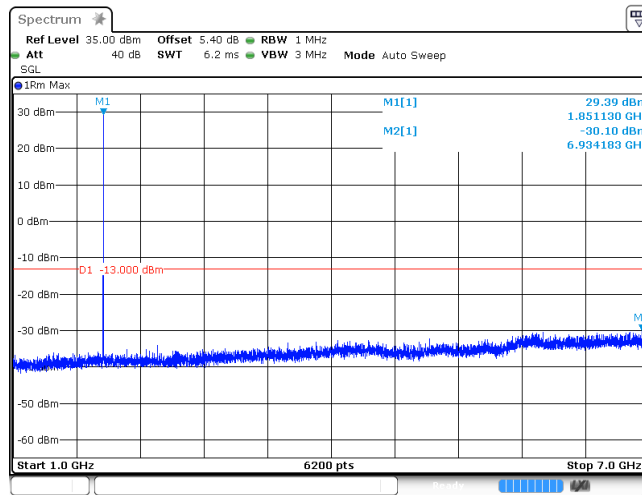


EGPRS1900_512



Date: 21 MAY 2020 04:59:48

EGPRS1900_512



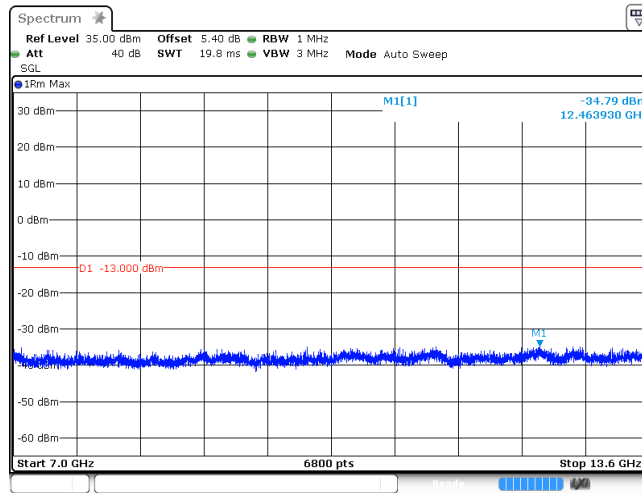
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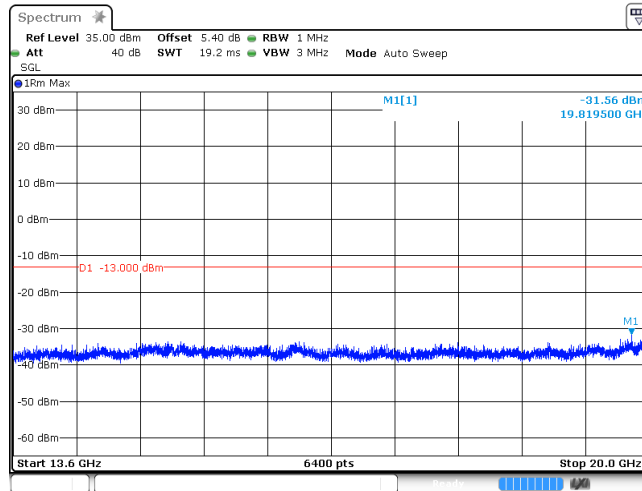
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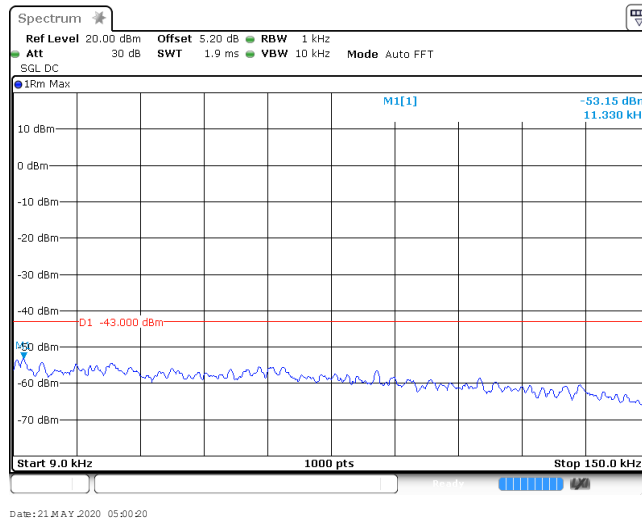
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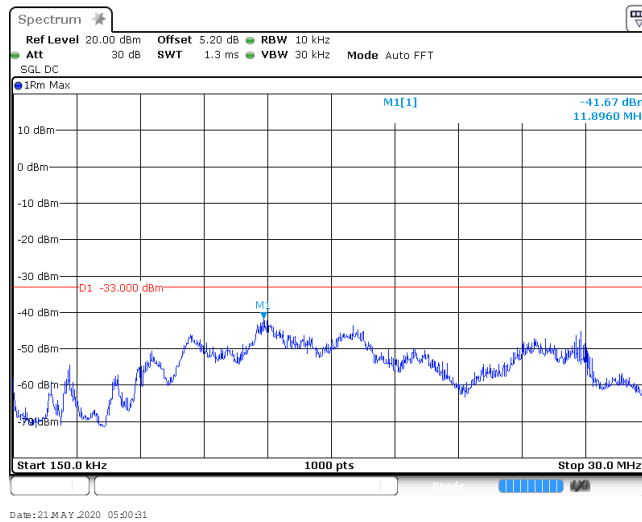
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Date: 21 MAY 2020 05:00:20

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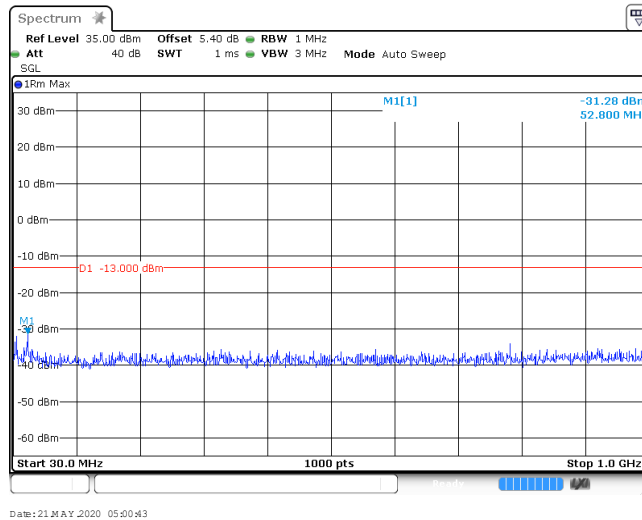


Date: 21 MAY 2020 05:00:31

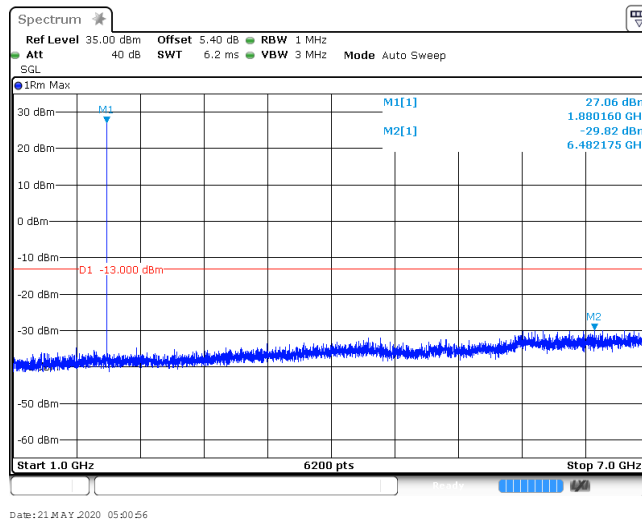


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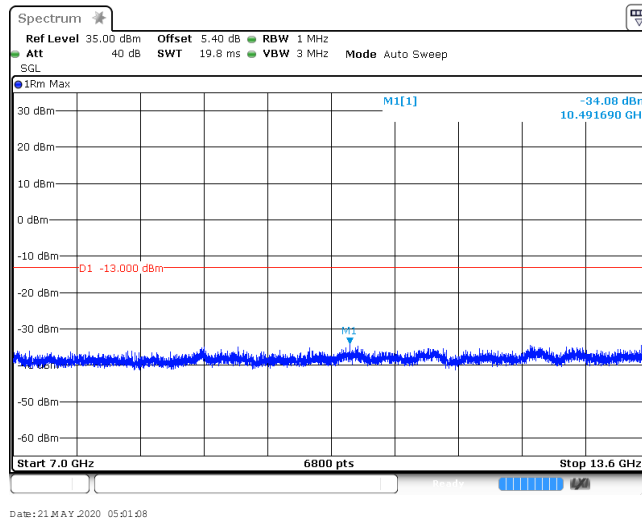
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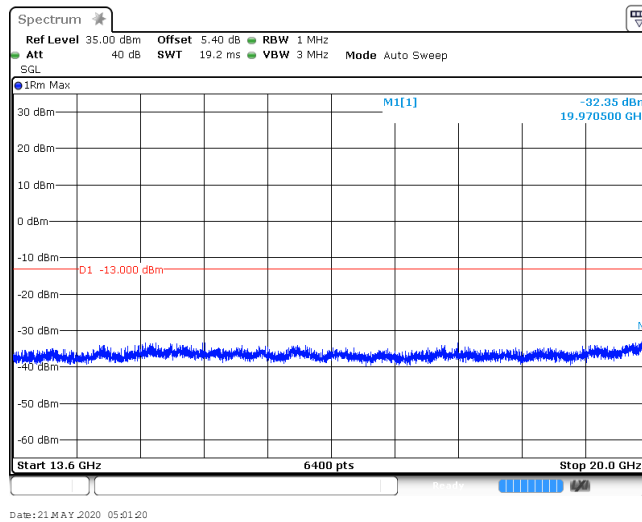
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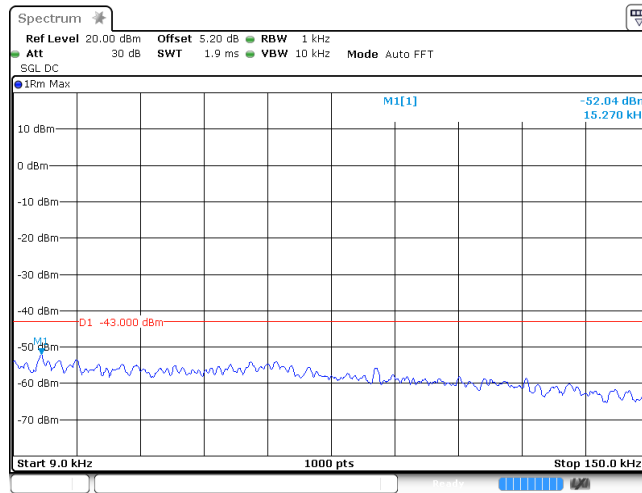
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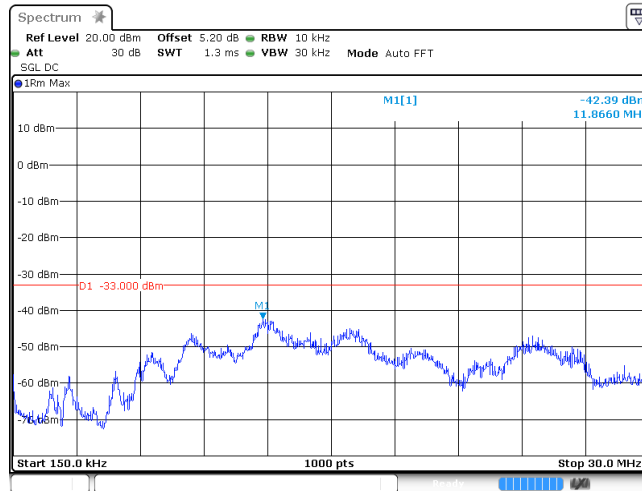
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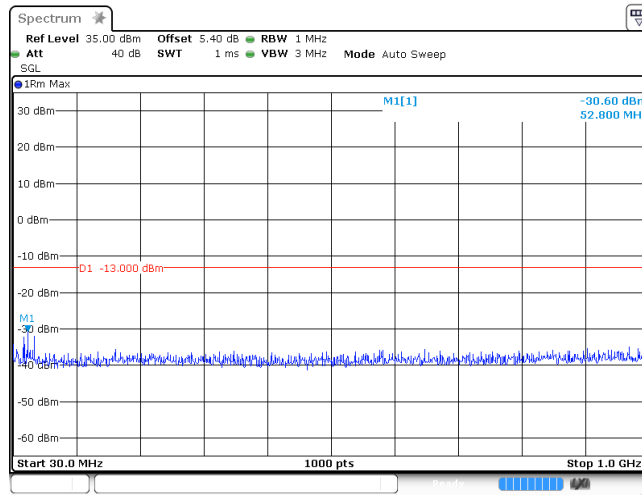


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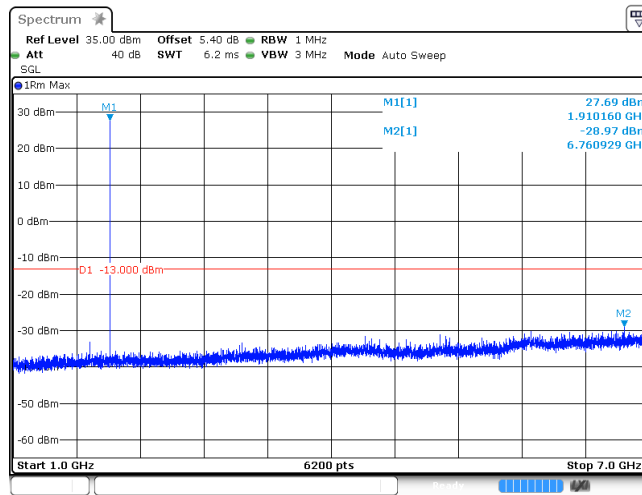
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Date: 21 MAY 2020 05:02:01

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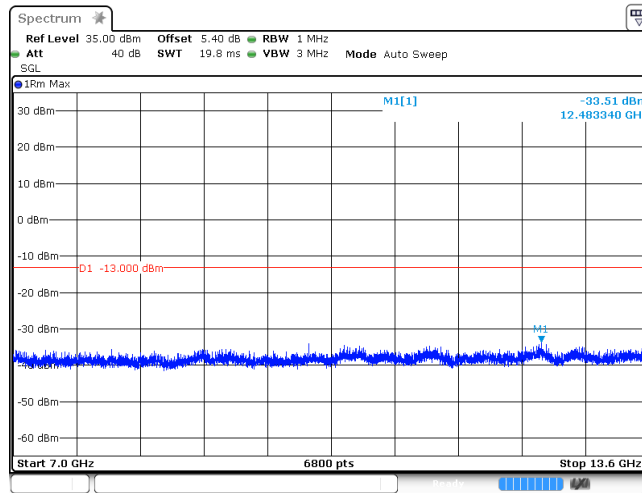
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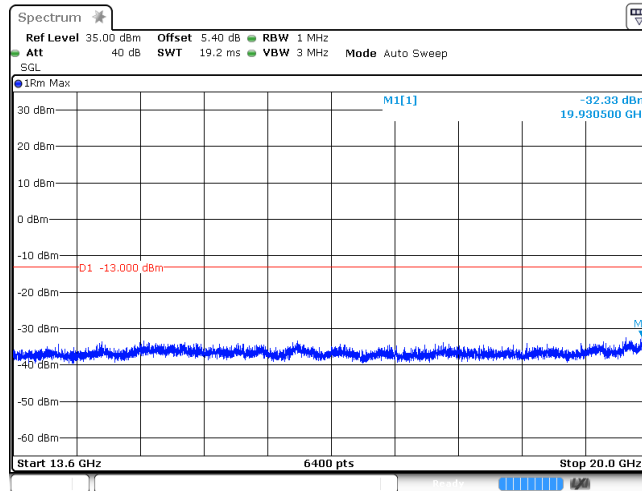
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7. Field Strength of Spurious Radiation

7.1. Test Band = GSM 1900

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.4010	-71.27	-13.00	58.27	Vertical
113.5212	-64.14	-13.00	51.14	Vertical
1648.5297	-46.23	-13.00	33.23	Vertical
2472.6945	-50.33	-13.00	37.33	Vertical
3296.5099	-60.11	-13.00	47.11	Vertical
4121.0374	-60.32	-13.00	47.32	Vertical
45.8118	-64.01	-13.00	51.01	Horizontal
242.3921	-67.38	-13.00	54.38	Horizontal
1648.5297	-41.95	-13.00	28.95	Horizontal
2471.4943	-31.50	-13.00	18.50	Horizontal
3297.0099	-52.26	-13.00	39.26	Horizontal
4121.0374	-57.56	-13.00	44.56	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
56.6278	-71.56	-13.00	58.56	Vertical
111.6781	-63.66	-13.00	50.66	Vertical
366.8493	-67.90	-13.00	54.90	Vertical
1673.3347	-45.64	-13.00	32.64	Vertical
2509.9020	-47.20	-13.00	34.20	Vertical
3346.5116	-58.56	-13.00	45.56	Vertical
44.0657	-63.93	-13.00	50.93	Horizontal
95.8178	-74.21	-13.00	61.21	Horizontal
231.2366	-67.37	-13.00	54.37	Horizontal
1672.9346	-40.46	-13.00	27.46	Horizontal
2509.9020	-42.92	-13.00	29.92	Horizontal
3346.5116	-51.94	-13.00	38.94	Horizontal



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
52.1656	-71.53	-13.00	58.53	Vertical
109.0590	-64.16	-13.00	51.16	Vertical
293.6107	-66.99	-13.00	53.99	Vertical
1697.7395	-46.05	-13.00	33.05	Vertical
2546.7093	-49.75	-13.00	36.75	Vertical
3395.0132	-55.50	-13.00	42.50	Vertical
41.7861	-63.70	-13.00	50.70	Horizontal
102.8991	-74.76	-13.00	61.76	Horizontal
232.1581	-67.36	-13.00	54.36	Horizontal
1697.3395	-44.37	-13.00	31.37	Horizontal
2546.7093	-43.66	-13.00	30.66	Horizontal
3395.0132	-52.06	-13.00	39.06	Horizontal

7.2. Test Band = GSM 850

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.7890	-72.59	-13.00	59.59	Vertical
109.0590	-63.43	-13.00	50.43	Vertical
392.6041	-66.79	-13.00	53.79	Vertical
3700.5234	-50.24	-13.00	37.24	Vertical
5550.5850	-42.28	-13.00	29.28	Vertical
14456.3819	-47.86	-13.00	34.86	Vertical
41.3496	-64.08	-13.00	51.08	Horizontal
250.8800	-68.27	-13.00	55.27	Horizontal
552.0316	-64.71	-13.00	51.71	Horizontal
3700.0233	-51.25	-13.00	38.25	Horizontal
5550.5850	-48.66	-13.00	35.66	Horizontal
16367.4456	-43.75	-13.00	30.75	Horizontal



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.4010	-72.32	-13.00	59.32	Vertical
112.4541	-65.31	-13.00	52.31	Vertical
348.6124	-68.64	-13.00	55.64	Vertical
3760.0253	-48.72	-13.00	35.72	Vertical
5640.0880	-40.79	-13.00	27.79	Vertical
14478.8826	-47.91	-13.00	34.91	Vertical
44.7932	-64.26	-13.00	51.26	Horizontal
239.4820	-68.49	-13.00	55.49	Horizontal
662.3746	-63.36	-13.00	50.36	Horizontal
3760.0253	-50.03	-13.00	37.03	Horizontal
5640.0880	-45.31	-13.00	32.31	Horizontal
16398.9466	-43.95	-13.00	30.95	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
46.0543	-73.22	-13.00	60.22	Vertical
110.4655	-64.28	-13.00	51.28	Vertical
475.0583	-66.66	-13.00	53.66	Vertical
3819.5273	-46.98	-13.00	33.98	Vertical
5729.5910	-42.10	-13.00	29.10	Vertical
14476.3825	-48.08	-13.00	35.08	Vertical
43.6292	-63.63	-13.00	50.63	Horizontal
229.3450	-67.04	-13.00	54.04	Horizontal
549.0730	-64.97	-13.00	51.97	Horizontal
3819.5273	-48.61	-13.00	35.61	Horizontal
5729.5910	-44.12	-13.00	31.12	Horizontal
16389.9463	-44.22	-13.00	31.22	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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3)

8. Frequency Stability

8.1. Frequency Error Vs Voltage

BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	10.40	0.012618	±2.5	PASS
GSM850	128	VN	TN	3.94	0.004778	±2.5	PASS
GSM850	128	VH	TN	-14.42	-0.017500	±2.5	PASS
GSM850	190	VL	TN	-6.54	-0.007822	±2.5	PASS
GSM850	190	VN	TN	9.67	0.011562	±2.5	PASS
GSM850	190	VH	TN	12.96	0.015493	±2.5	PASS
GSM850	251	VL	TN	-9.73	-0.011462	±2.5	PASS
GSM850	251	VN	TN	0.35	0.000412	±2.5	PASS
GSM850	251	VH	TN	12.31	0.014497	±2.5	PASS
EGPRS850	128	VL	TN	9.68	0.011745	±2.5	PASS
EGPRS850	128	VN	TN	-3.52	-0.004268	±2.5	PASS
EGPRS850	128	VH	TN	2.48	0.003011	±2.5	PASS
EGPRS850	190	VL	TN	-3.28	-0.003923	±2.5	PASS
EGPRS850	190	VN	TN	-13.86	-0.016570	±2.5	PASS
EGPRS850	190	VH	TN	8.36	0.009996	±2.5	PASS
EGPRS850	251	VL	TN	-7.94	-0.009356	±2.5	PASS
EGPRS850	251	VN	TN	-14.25	-0.016786	±2.5	PASS
EGPRS850	251	VH	TN	-6.40	-0.007545	±2.5	PASS
GSM1900	512	VL	TN	4.45	0.002407	±2.5	PASS
GSM1900	512	VN	TN	13.62	0.007359	±2.5	PASS
GSM1900	512	VH	TN	-2.16	-0.001169	±2.5	PASS
GSM1900	661	VL	TN	0.00	0.000002	±2.5	PASS
GSM1900	661	VN	TN	-13.98	-0.007436	±2.5	PASS
GSM1900	661	VH	TN	-8.22	-0.004372	±2.5	PASS
GSM1900	810	VL	TN	-4.42	-0.002313	±2.5	PASS
GSM1900	810	VN	TN	-12.47	-0.006531	±2.5	PASS
GSM1900	810	VH	TN	-7.74	-0.004052	±2.5	PASS
EGPRS1900	512	VL	TN	-0.54	-0.000293	±2.5	PASS
EGPRS1900	512	VN	TN	8.40	0.004541	±2.5	PASS
EGPRS1900	512	VH	TN	-14.49	-0.007830	±2.5	PASS



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EGPRS1900	661	VL	TN	-6.01	-0.003199	±2.5	PASS
EGPRS1900	661	VN	TN	-13.84	-0.007359	±2.5	PASS
EGPRS1900	661	VH	TN	11.13	0.005920	±2.5	PASS
EGPRS1900	810	VL	TN	13.51	0.007072	±2.5	PASS
EGPRS1900	810	VN	TN	-9.11	-0.004771	±2.5	PASS
EGPRS1900	810	VH	TN	5.84	0.003056	±2.5	PASS

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	-3.85	-0.004668	±2.5	PASS
GSM850	128	VN	-10	8.74	0.010603	±2.5	PASS
GSM850	128	VN	0	7.81	0.009479	±2.5	PASS
GSM850	128	VN	10	8.41	0.010208	±2.5	PASS
GSM850	128	VN	20	-11.60	-0.014071	±2.5	PASS
GSM850	128	VN	30	-6.29	-0.007626	±2.5	PASS
GSM850	128	VN	40	-13.29	-0.016130	±2.5	PASS
GSM850	128	VN	50	6.49	0.007875	±2.5	PASS
GSM850	190	VN	-30	9.19	0.010989	±2.5	PASS
GSM850	190	VN	-20	-4.02	-0.004806	±2.5	PASS
GSM850	190	VN	-10	12.99	0.015530	±2.5	PASS
GSM850	190	VN	0	11.20	0.013390	±2.5	PASS
GSM850	190	VN	10	-13.83	-0.016530	±2.5	PASS
GSM850	190	VN	20	11.86	0.014171	±2.5	PASS
GSM850	190	VN	30	-3.56	-0.004259	±2.5	PASS
GSM850	190	VN	40	-3.43	-0.004097	±2.5	PASS
GSM850	190	VN	50	4.28	0.005121	±2.5	PASS
GSM850	251	VN	-30	8.17	0.009621	±2.5	PASS
GSM850	251	VN	-20	-6.77	-0.007977	±2.5	PASS
GSM850	251	VN	-10	0.78	0.000921	±2.5	PASS
GSM850	251	VN	0	1.79	0.002108	±2.5	PASS
GSM850	251	VN	10	10.83	0.012763	±2.5	PASS
GSM850	251	VN	20	-14.38	-0.016942	±2.5	PASS
GSM850	251	VN	30	12.66	0.014915	±2.5	PASS



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GSM850	251	VN	40	-9.74	-0.011469	±2.5	PASS
GSM850	251	VN	50	-11.30	-0.013308	±2.5	PASS
EGPRS850	128	VN	-30	-10.35	-0.012553	±2.5	PASS
EGPRS850	128	VN	-20	4.43	0.005380	±2.5	PASS
EGPRS850	128	VN	-10	-1.14	-0.001384	±2.5	PASS
EGPRS850	128	VN	0	-8.00	-0.009705	±2.5	PASS
EGPRS850	128	VN	10	-13.14	-0.015947	±2.5	PASS
EGPRS850	128	VN	20	-12.98	-0.015750	±2.5	PASS
EGPRS850	128	VN	30	9.19	0.011156	±2.5	PASS
EGPRS850	128	VN	40	1.08	0.001312	±2.5	PASS
EGPRS850	128	VN	50	1.84	0.002228	±2.5	PASS
EGPRS850	190	VN	-30	7.75	0.009265	±2.5	PASS
EGPRS850	190	VN	-20	-9.09	-0.010866	±2.5	PASS
EGPRS850	190	VN	-10	-9.57	-0.011440	±2.5	PASS
EGPRS850	190	VN	0	-14.88	-0.017792	±2.5	PASS
EGPRS850	190	VN	10	13.82	0.016520	±2.5	PASS
EGPRS850	190	VN	20	-14.31	-0.017101	±2.5	PASS
EGPRS850	190	VN	30	0.98	0.001171	±2.5	PASS
EGPRS850	190	VN	40	-12.75	-0.015238	±2.5	PASS
EGPRS850	190	VN	50	7.77	0.009286	±2.5	PASS
EGPRS850	251	VN	-30	-8.46	-0.009971	±2.5	PASS
EGPRS850	251	VN	-20	9.91	0.011678	±2.5	PASS
EGPRS850	251	VN	-10	10.17	0.011987	±2.5	PASS
EGPRS850	251	VN	0	-14.33	-0.016880	±2.5	PASS
EGPRS850	251	VN	10	-0.70	-0.000824	±2.5	PASS
EGPRS850	251	VN	20	-6.84	-0.008063	±2.5	PASS
EGPRS850	251	VN	30	-9.44	-0.011124	±2.5	PASS
EGPRS850	251	VN	40	-14.95	-0.017613	±2.5	PASS
EGPRS850	251	VN	50	5.54	0.006524	±2.5	PASS
GSM1900	512	VN	-30	6.33	0.003424	±2.5	PASS
GSM1900	512	VN	-20	-9.81	-0.005301	±2.5	PASS
GSM1900	512	VN	-10	10.83	0.005854	±2.5	PASS
GSM1900	512	VN	0	-10.76	-0.005814	±2.5	PASS
GSM1900	512	VN	10	2.60	0.001404	±2.5	PASS
GSM1900	512	VN	20	0.90	0.000485	±2.5	PASS
GSM1900	512	VN	30	4.34	0.002343	±2.5	PASS
GSM1900	512	VN	40	8.54	0.004616	±2.5	PASS



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GSM1900	512	VN	50	-0.58	-0.000311	±2.5	PASS
GSM1900	661	VN	-30	2.81	0.001494	±2.5	PASS
GSM1900	661	VN	-20	-10.71	-0.005697	±2.5	PASS
GSM1900	661	VN	-10	-10.24	-0.005446	±2.5	PASS
GSM1900	661	VN	0	4.09	0.002177	±2.5	PASS
GSM1900	661	VN	10	-13.27	-0.007060	±2.5	PASS
GSM1900	661	VN	20	-5.24	-0.002790	±2.5	PASS
GSM1900	661	VN	30	-8.32	-0.004425	±2.5	PASS
GSM1900	661	VN	40	6.98	0.003715	±2.5	PASS
GSM1900	661	VN	50	-8.89	-0.004728	±2.5	PASS
GSM1900	810	VN	-30	14.59	0.007641	±2.5	PASS
GSM1900	810	VN	-20	6.75	0.003533	±2.5	PASS
GSM1900	810	VN	-10	8.12	0.004253	±2.5	PASS
GSM1900	810	VN	0	-2.40	-0.001256	±2.5	PASS
GSM1900	810	VN	10	3.19	0.001670	±2.5	PASS
GSM1900	810	VN	20	-0.01	-0.000004	±2.5	PASS
GSM1900	810	VN	30	-14.91	-0.007808	±2.5	PASS
GSM1900	810	VN	40	-1.57	-0.000820	±2.5	PASS
GSM1900	810	VN	50	-3.24	-0.001695	±2.5	PASS
EGPRS1900	512	VN	-30	5.59	0.003019	±2.5	PASS
EGPRS1900	512	VN	-20	-9.16	-0.004950	±2.5	PASS
EGPRS1900	512	VN	-10	-12.28	-0.006640	±2.5	PASS
EGPRS1900	512	VN	0	-0.99	-0.000535	±2.5	PASS
EGPRS1900	512	VN	10	12.27	0.006633	±2.5	PASS
EGPRS1900	512	VN	20	5.25	0.002837	±2.5	PASS
EGPRS1900	512	VN	30	10.09	0.005452	±2.5	PASS
EGPRS1900	512	VN	40	-0.65	-0.000353	±2.5	PASS
EGPRS1900	512	VN	50	10.21	0.005518	±2.5	PASS
EGPRS1900	661	VN	-30	-0.49	-0.000260	±2.5	PASS
EGPRS1900	661	VN	-20	-1.48	-0.000788	±2.5	PASS
EGPRS1900	661	VN	-10	10.54	0.005604	±2.5	PASS
EGPRS1900	661	VN	0	0.01	0.000006	±2.5	PASS
EGPRS1900	661	VN	10	-1.60	-0.000849	±2.5	PASS
EGPRS1900	661	VN	20	8.71	0.004635	±2.5	PASS
EGPRS1900	661	VN	30	14.27	0.007589	±2.5	PASS
EGPRS1900	661	VN	40	-7.17	-0.003812	±2.5	PASS
EGPRS1900	661	VN	50	-4.27	-0.002271	±2.5	PASS



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EGPRS1900	810	VN	-30	7.14	0.003738	±2.5	PASS
EGPRS1900	810	VN	-20	-8.51	-0.004455	±2.5	PASS
EGPRS1900	810	VN	-10	-0.27	-0.000143	±2.5	PASS
EGPRS1900	810	VN	0	-6.63	-0.003474	±2.5	PASS
EGPRS1900	810	VN	10	2.11	0.001106	±2.5	PASS
EGPRS1900	810	VN	20	-3.65	-0.001909	±2.5	PASS
EGPRS1900	810	VN	30	-1.45	-0.000759	±2.5	PASS
EGPRS1900	810	VN	40	-7.25	-0.003798	±2.5	PASS
EGPRS1900	810	VN	50	-1.89	-0.000992	±2.5	PASS

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