



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	---	32.44	27.17	38.45	PASS
GSM850	190	---	32.48	27.21	38.45	PASS
GSM850	251	---	32.52	27.25	38.45	PASS
EGPRS850	128	1	26.93	21.66	38.45	PASS
EGPRS850	128	2	25.26	19.99	38.45	PASS
EGPRS850	128	3	23.42	18.15	38.45	PASS
EGPRS850	128	4	21.22	15.95	38.45	PASS
EGPRS850	190	1	26.66	21.39	38.45	PASS
EGPRS850	190	2	25.34	20.07	38.45	PASS
EGPRS850	190	3	23.34	18.07	38.45	PASS
EGPRS850	190	4	21.41	16.14	38.45	PASS
EGPRS850	251	1	26.62	21.35	38.45	PASS
EGPRS850	251	2	25.44	20.17	38.45	PASS
EGPRS850	251	3	23.44	18.17	38.45	PASS
EGPRS850	251	4	21.29	16.02	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.54	28.41	33.00	PASS
GSM1900	661	---	29.63	28.5	33.00	PASS
GSM1900	810	---	29.64	28.51	33.00	PASS
EGPRS1900	512	1	25.3	24.17	33.00	PASS
EGPRS1900	512	2	23.93	22.8	33.00	PASS
EGPRS1900	512	3	22.64	21.51	33.00	PASS
EGPRS1900	512	4	20.08	18.95	33.00	PASS
EGPRS1900	661	1	25.24	24.11	33.00	PASS
EGPRS1900	661	2	24.29	23.16	33.00	PASS
EGPRS1900	661	3	22.36	21.23	33.00	PASS
EGPRS1900	661	4	20.24	19.11	33.00	PASS
EGPRS1900	810	1	25.29	24.16	33.00	PASS
EGPRS1900	810	2	23.96	22.83	33.00	PASS
EGPRS1900	810	3	22.89	21.76	33.00	PASS
EGPRS1900	810	4	20.41	19.28	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,

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

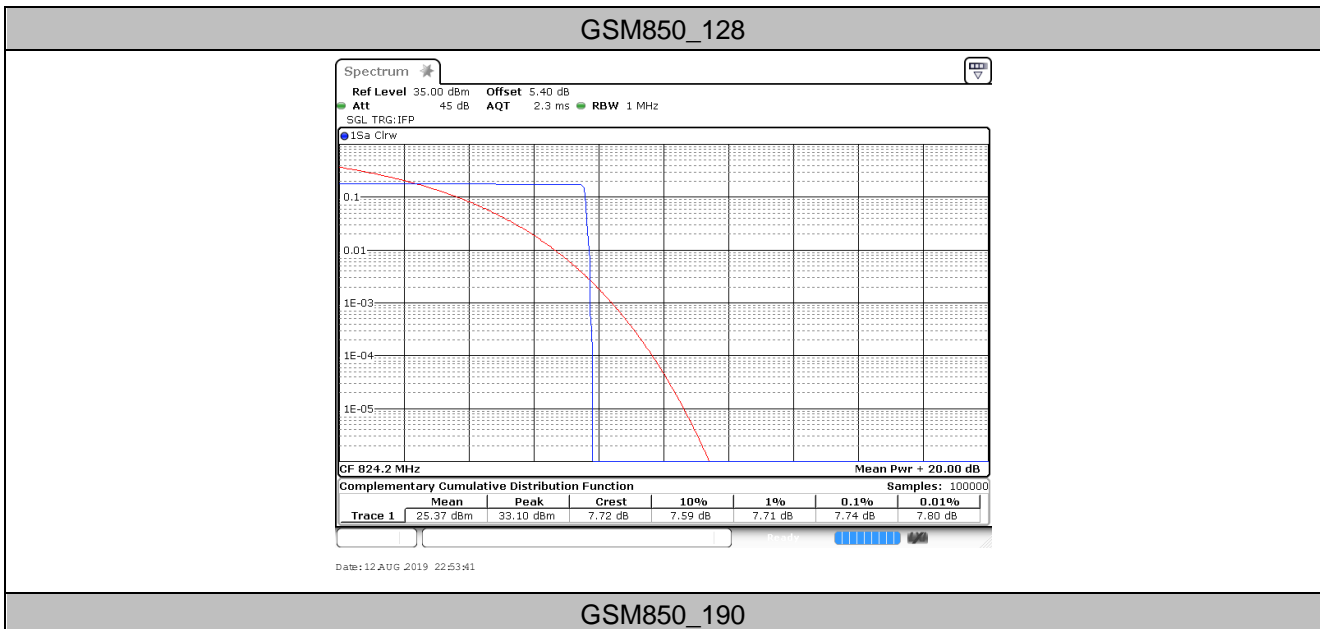
$$EIRP [dBm] = \text{Conducted Power [dBm]} + \text{Gain [dBi]}$$

2. Peak-to-Average Ratio

2.1. Test Result

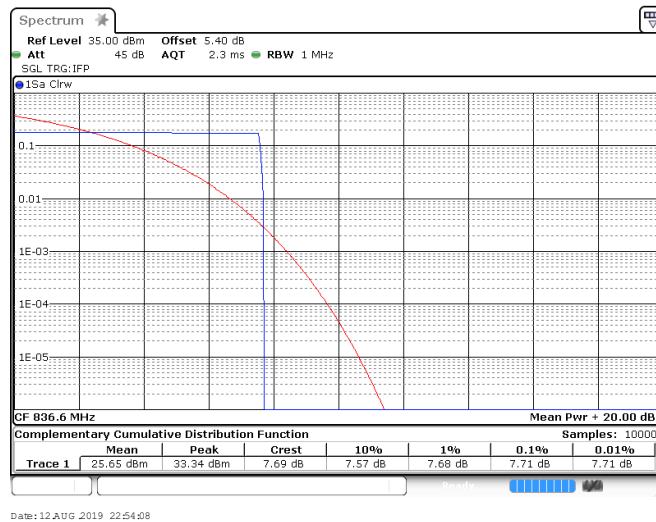
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	7.74	13	PASS
GSM850	190	7.71	13	PASS
GSM850	251	7.68	13	PASS
EGPRS850	128	10.29	13	PASS
EGPRS850	190	10.35	13	PASS
EGPRS850	251	10.41	13	PASS
GSM1900	512	7.71	13	PASS
GSM1900	661	7.74	13	PASS
GSM1900	810	7.74	13	PASS
EGPRS1900	512	10.75	13	PASS
EGPRS1900	661	10.61	13	PASS
EGPRS1900	810	10.23	13	PASS

2.2. Part II - Test Plots

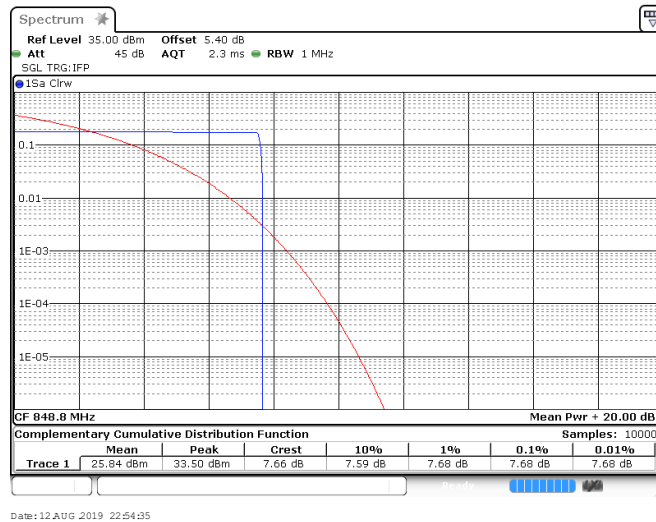


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GSM850_251

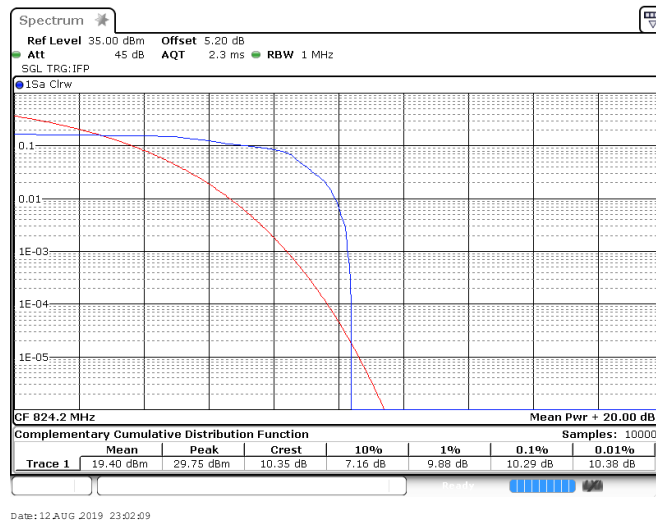


EGPRS850_128

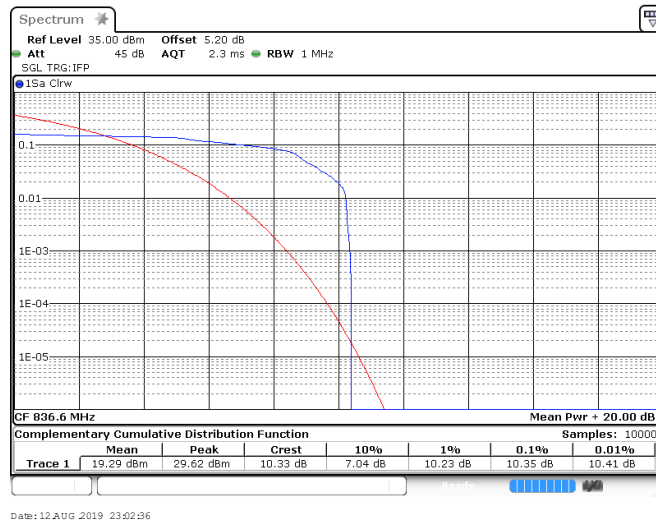


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EGPRS850_190

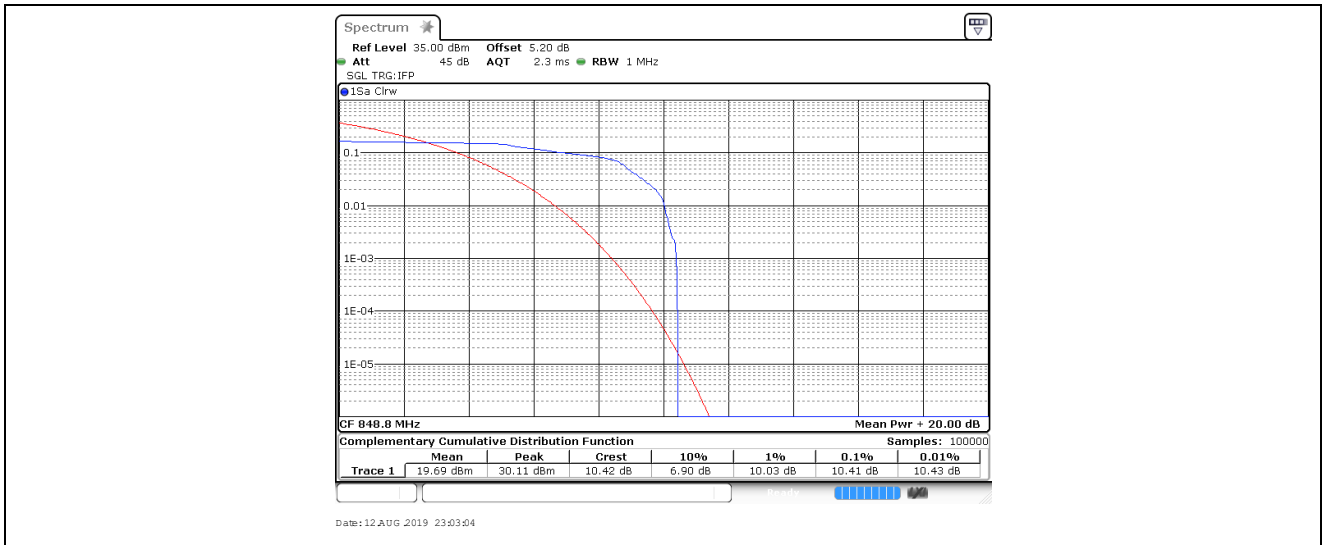


EGPRS850_251

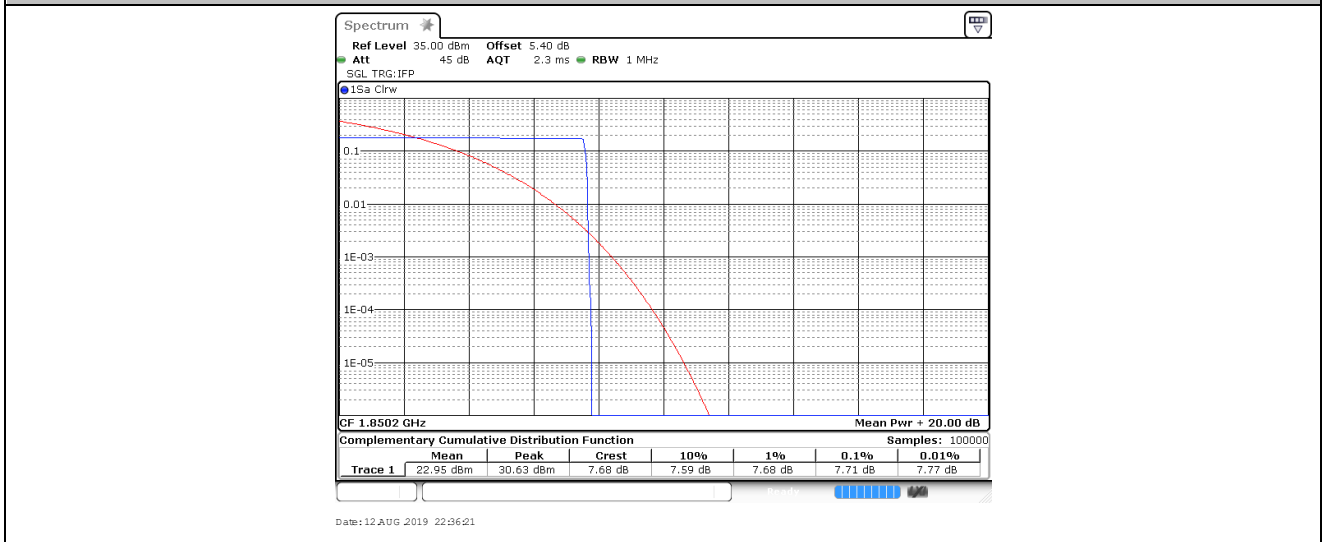


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GSM1900_512

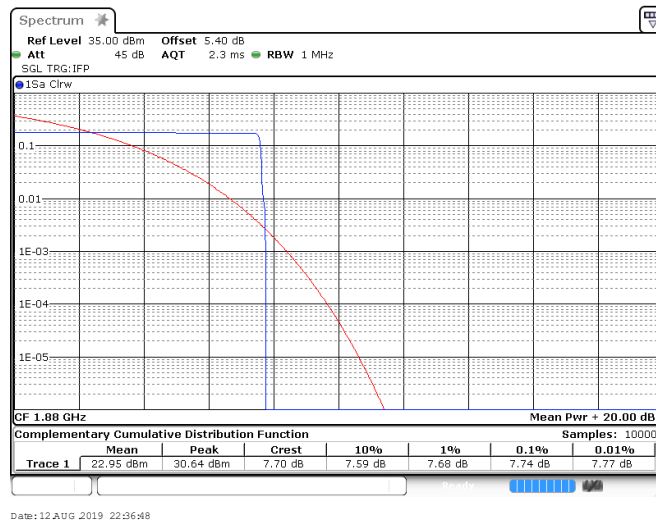


GSM1900_661



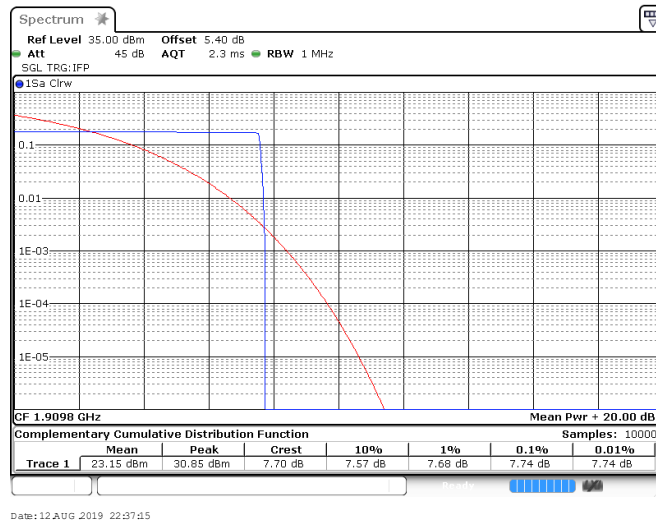
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GSM1900_810



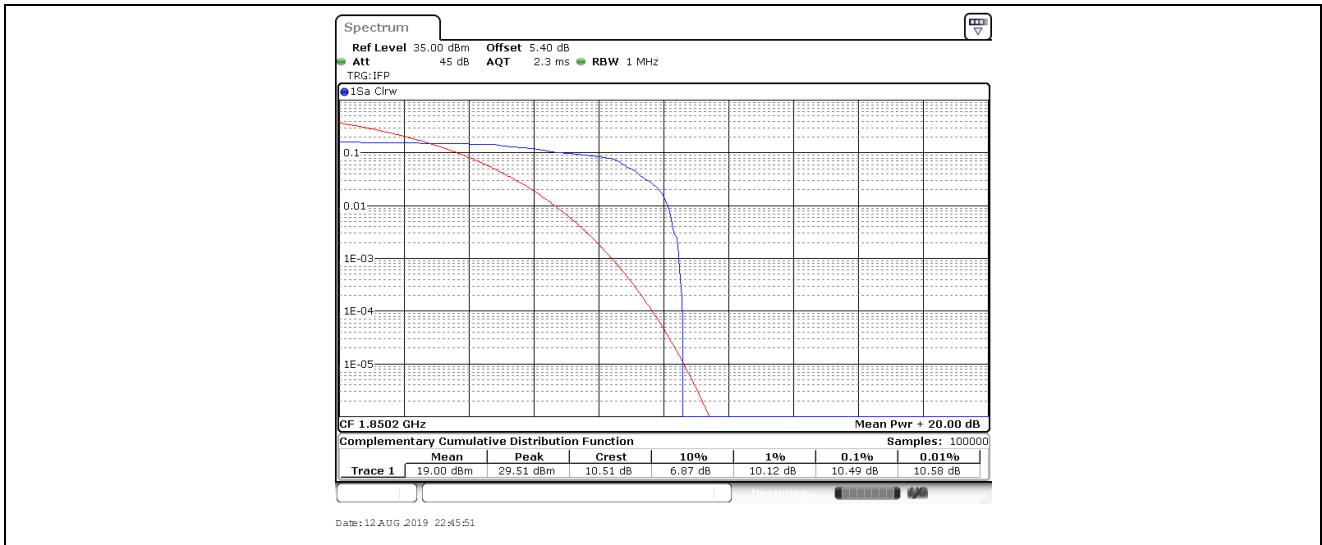
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EGPRS1900_512

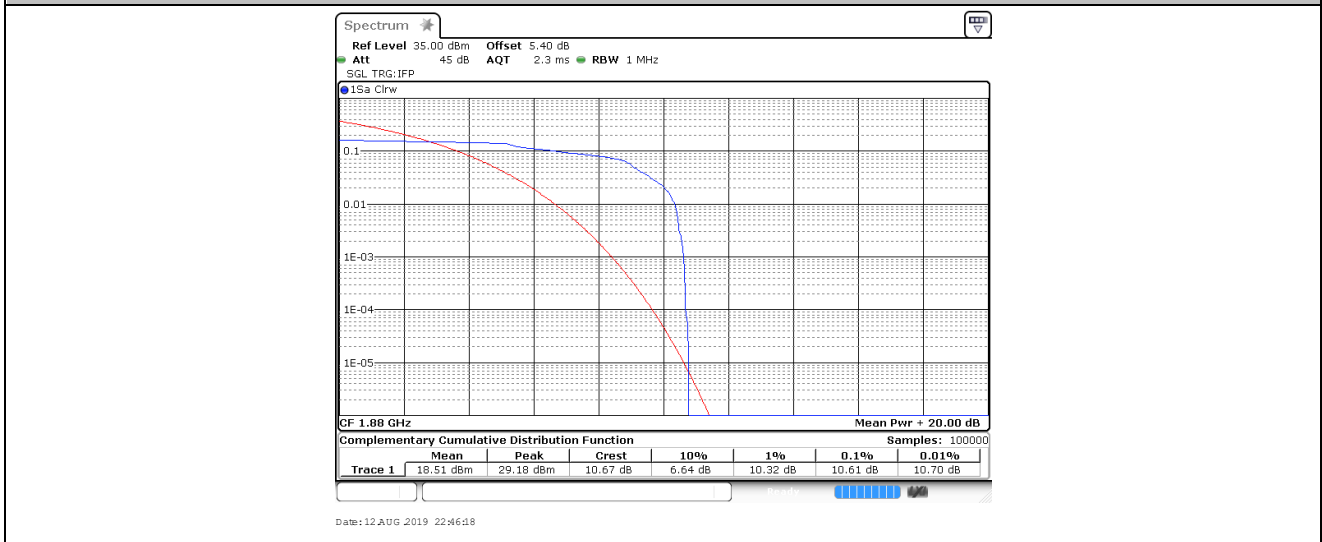


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EGPRS1900_661

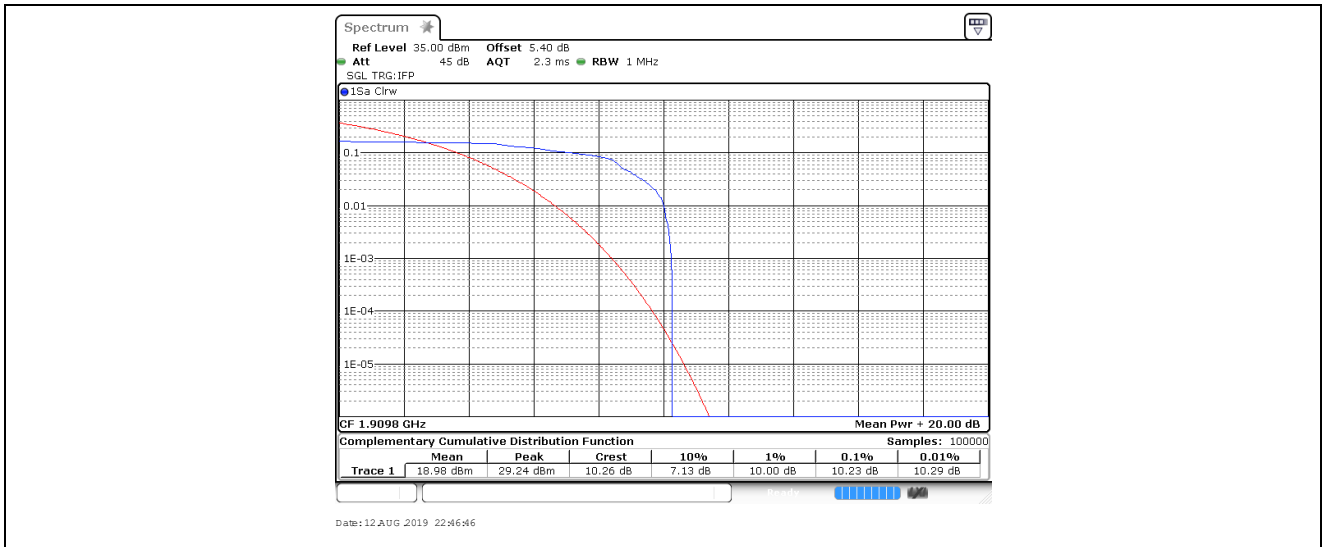


EGPRS1900_810



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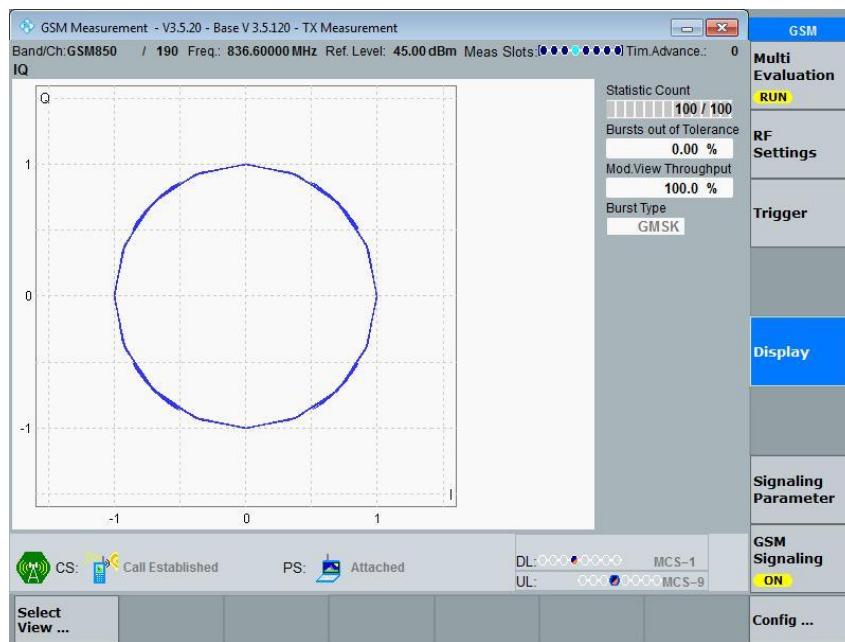
3. Modulation Characteristics

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

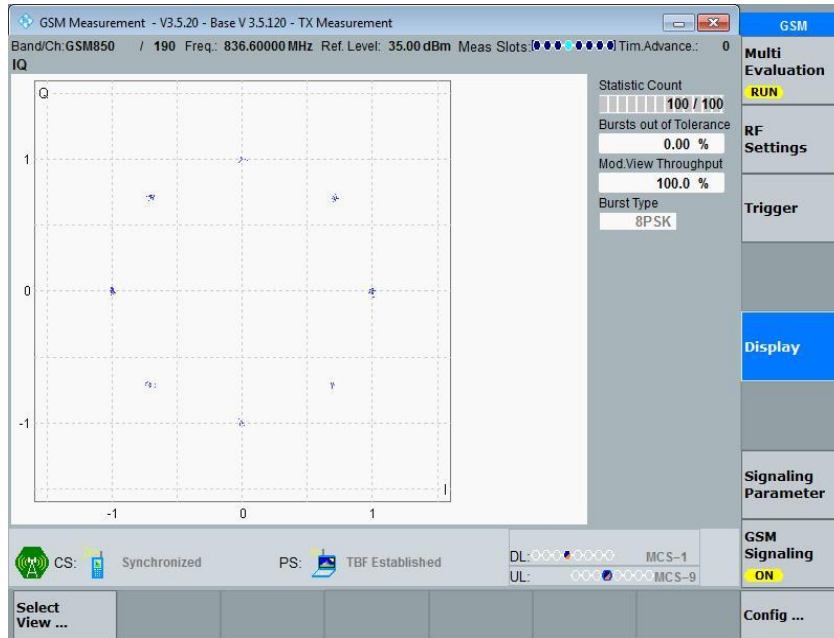


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3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



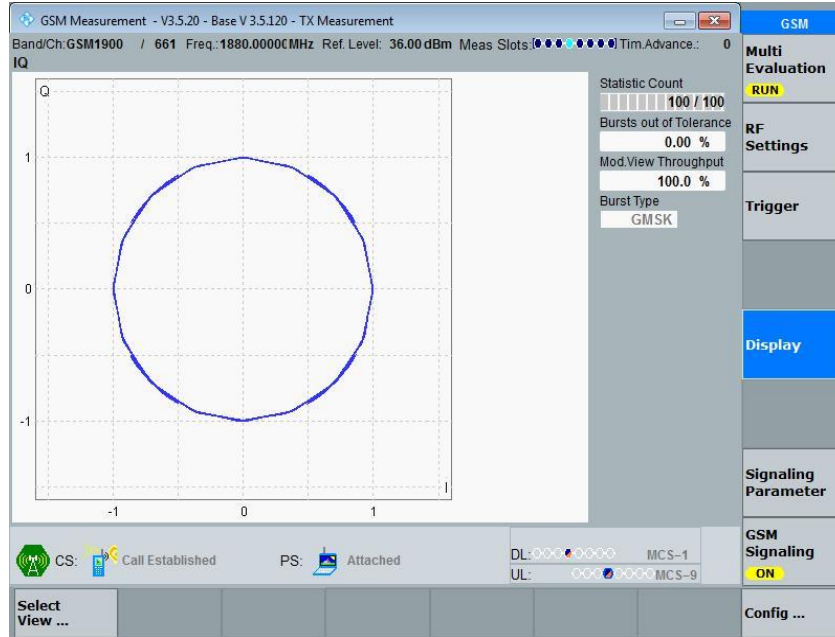
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3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

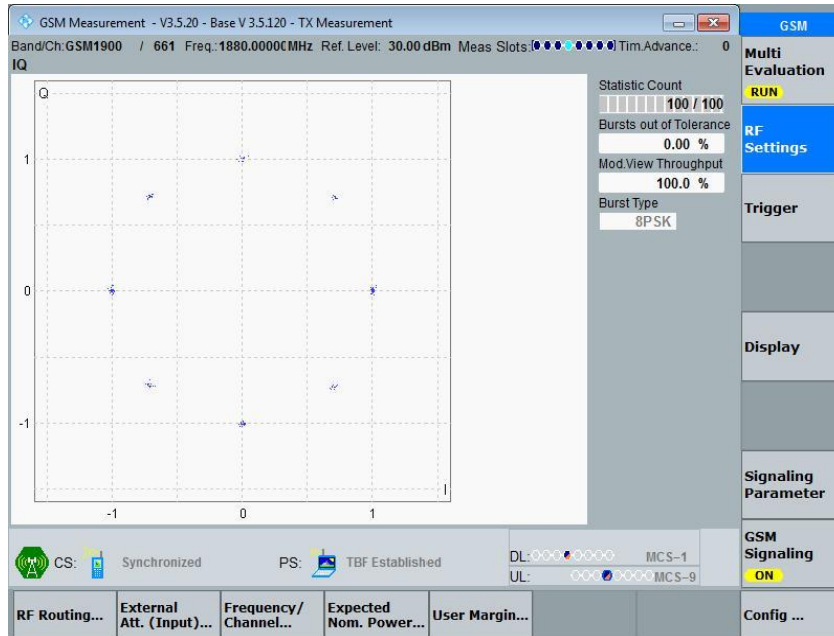
3.1.2.1.1. Test Channel = MCH



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3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



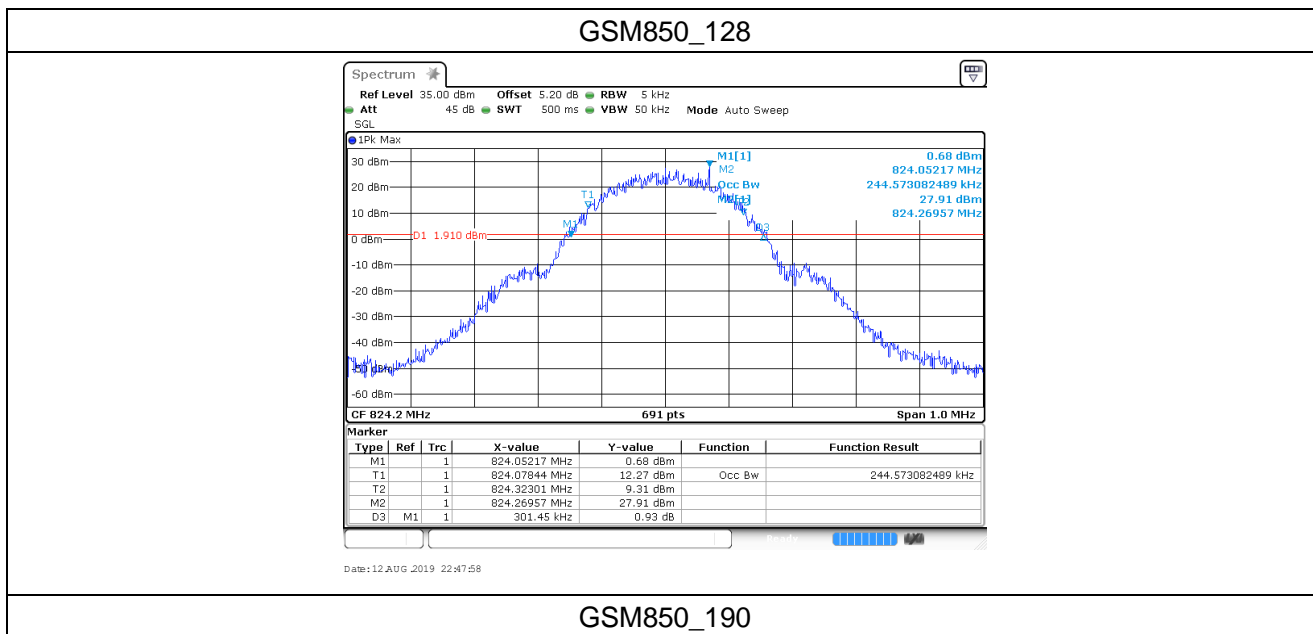
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4. 26dB Bandwidth and Occupied Bandwidth

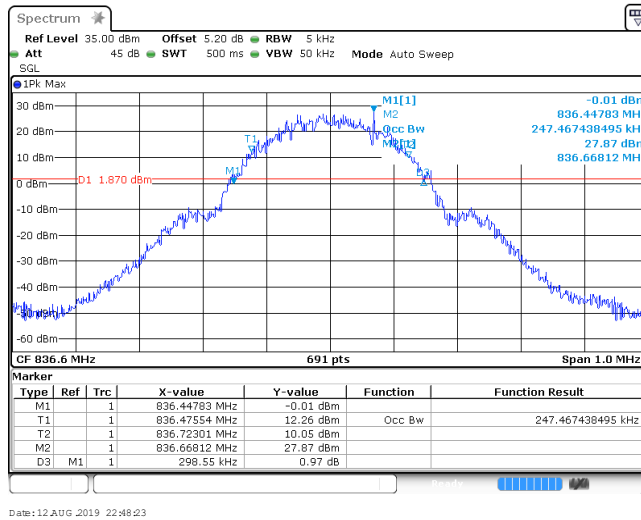
4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	244.57	301.45	---	PASS
GSM850	190	247.47	298.55	---	PASS
GSM850	251	246.02	315.94	---	PASS
EGPRS850	128	250.36	301.45	---	PASS
EGPRS850	190	253.26	295.65	---	PASS
EGPRS850	251	253.26	307.25	---	PASS
GSM1900	512	244.57	286.96	---	PASS
GSM1900	661	244.57	300.00	---	PASS
GSM1900	810	244.57	314.49	---	PASS
EGPRS1900	512	250.36	307.25	---	PASS
EGPRS1900	661	243.13	304.35	---	PASS
EGPRS1900	810	248.91	314.49	---	PASS

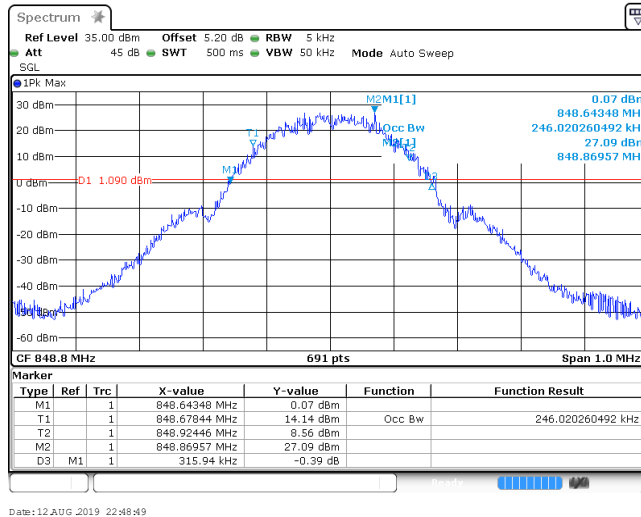
4.2. Test Plots



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GSM850_251



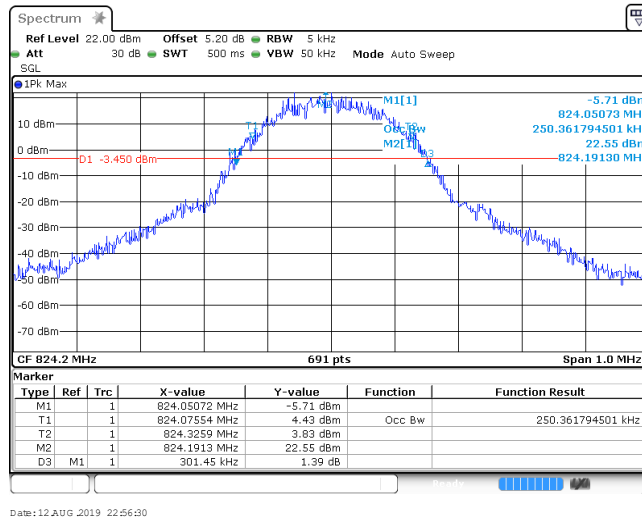
EGPRS850_128



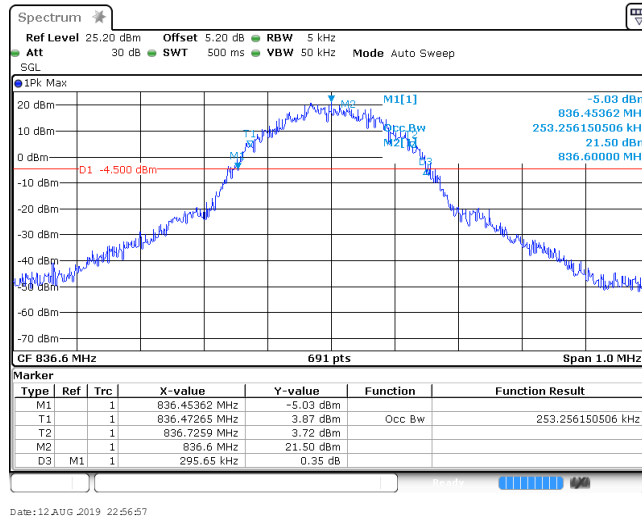
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EGPRS850_190



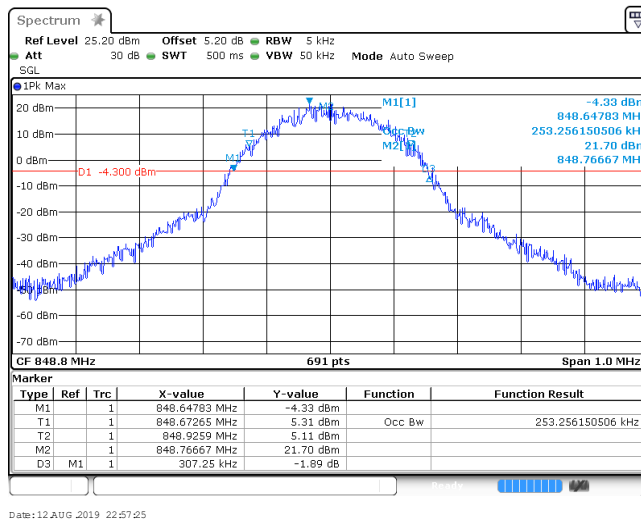
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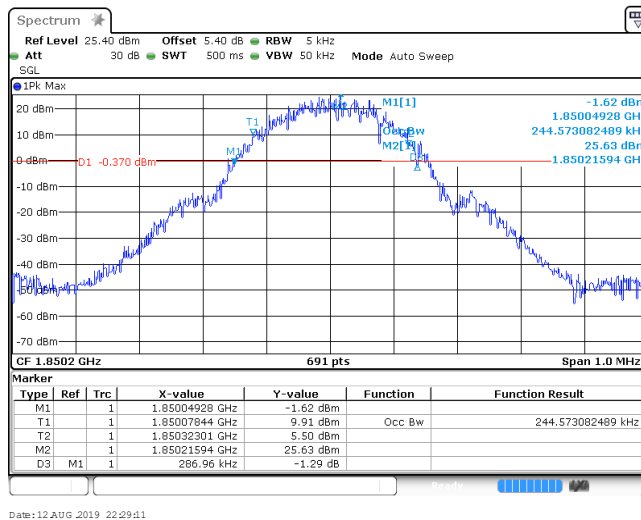
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Date: 12 AUG 2019 22:57:25

GSM1900_512

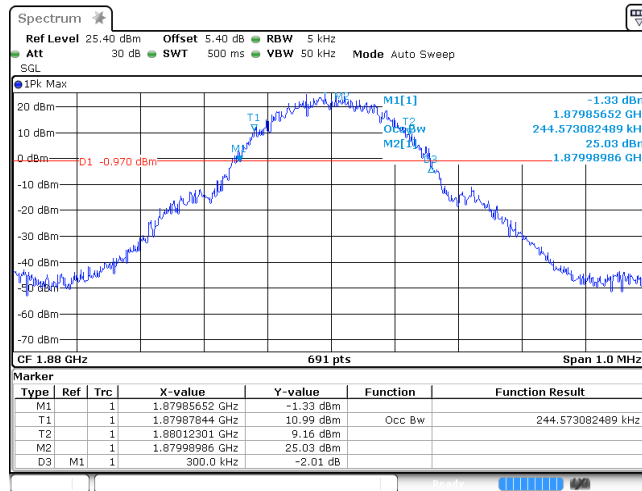


Date: 12 AUG 2019 22:29:11

GSM1900_661

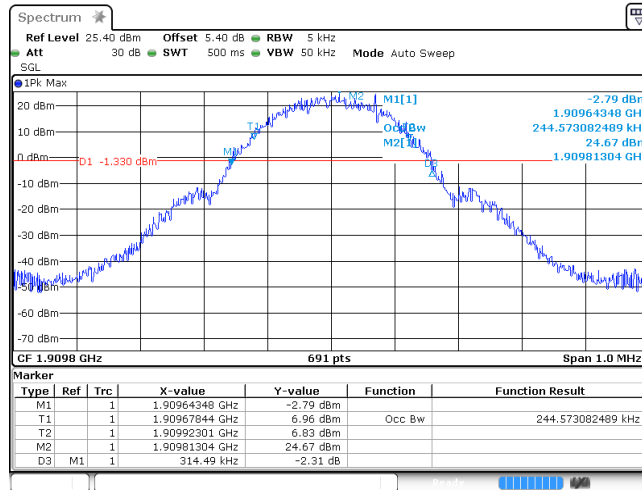


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Date: 12 AUG 2019 22:29:44

GSM1900_810

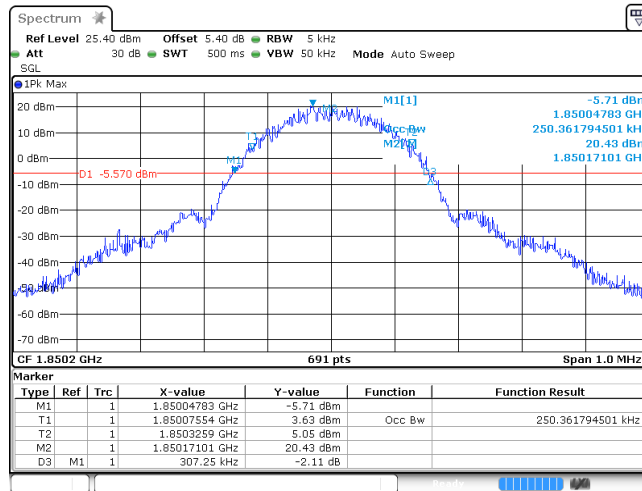


Date: 12 AUG 2019 22:30:15

EGPRS1900_512

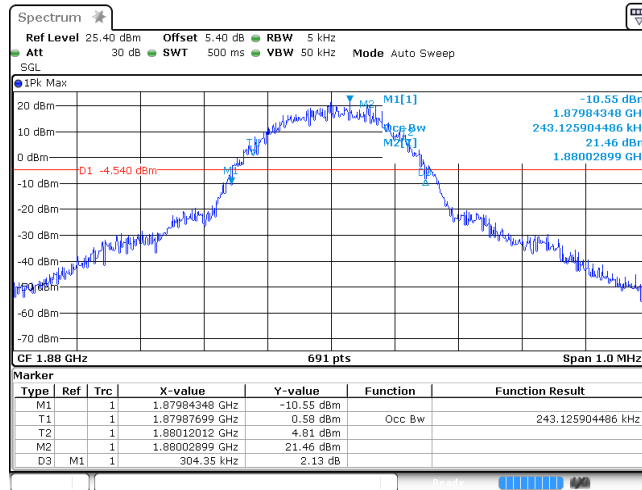


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Date: 12 AUG 2019 22:38:53

EGPRS1900_661

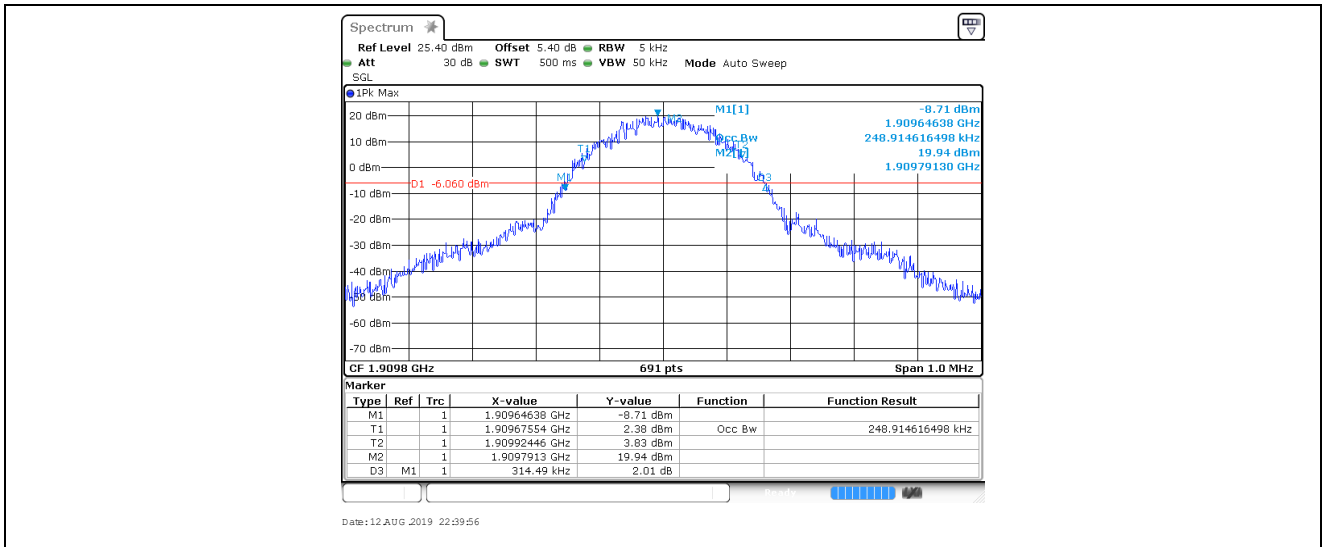


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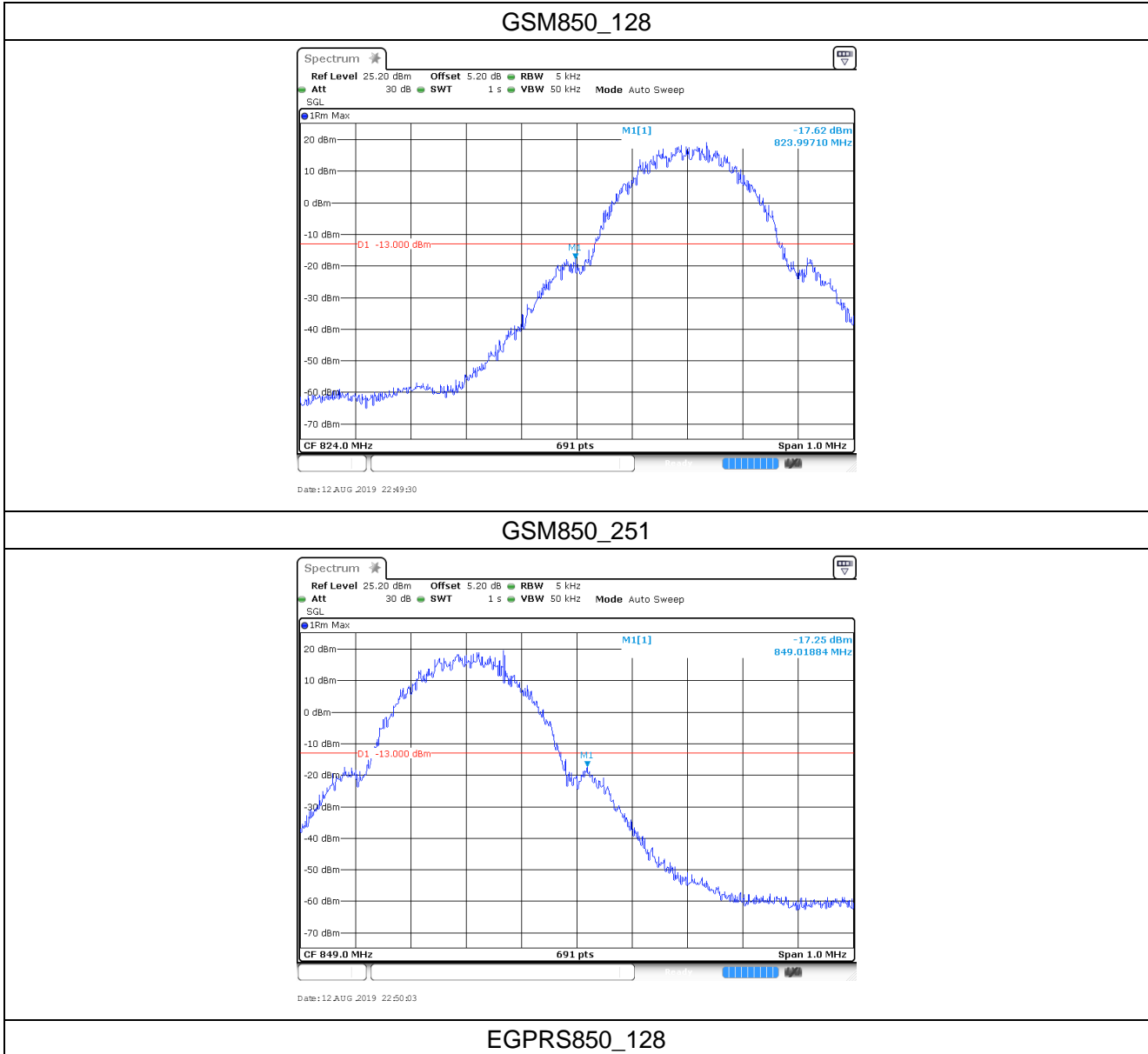


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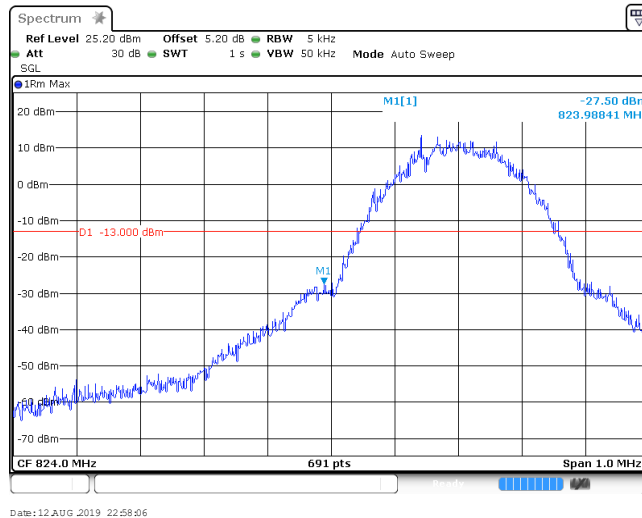
5. Band Edge Compliance

5.1. Test Plots

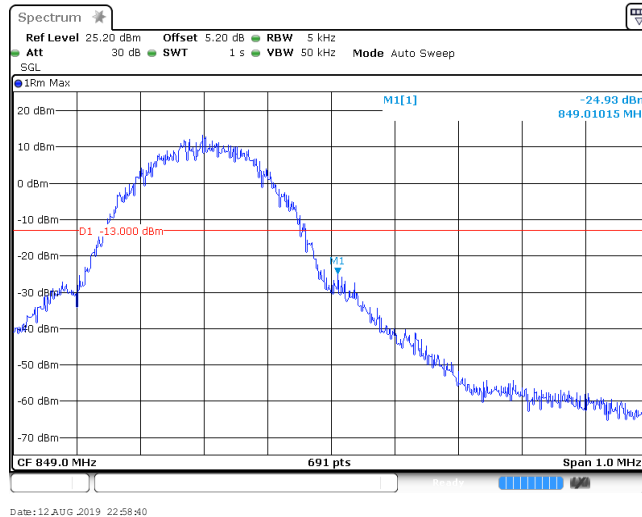


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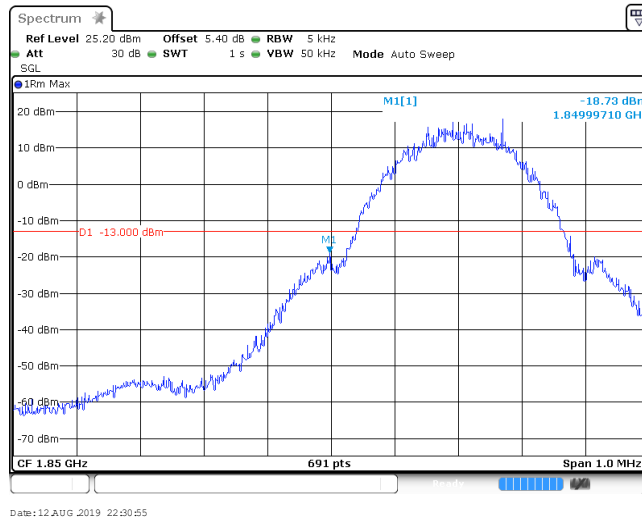


GSM1900_512



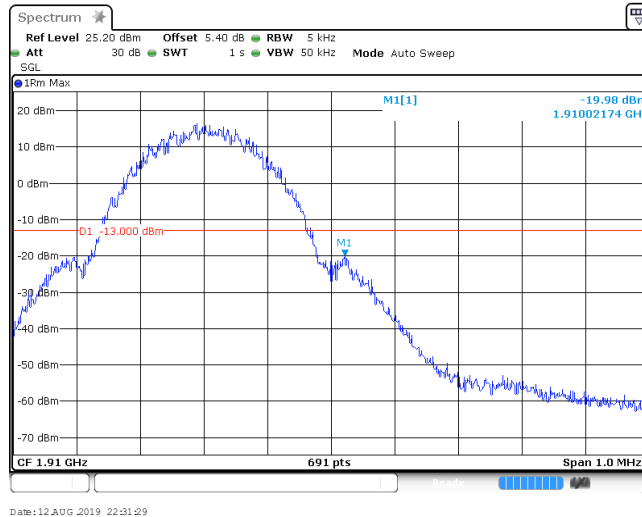
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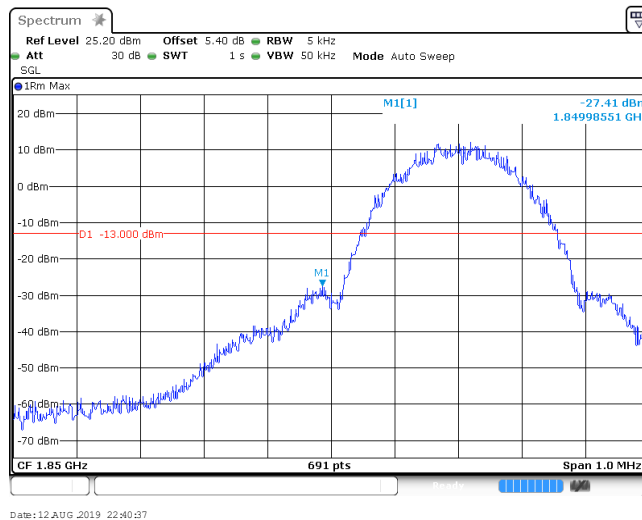


Date: 12 AUG 2019 22:31:29

EGPRS1900_512

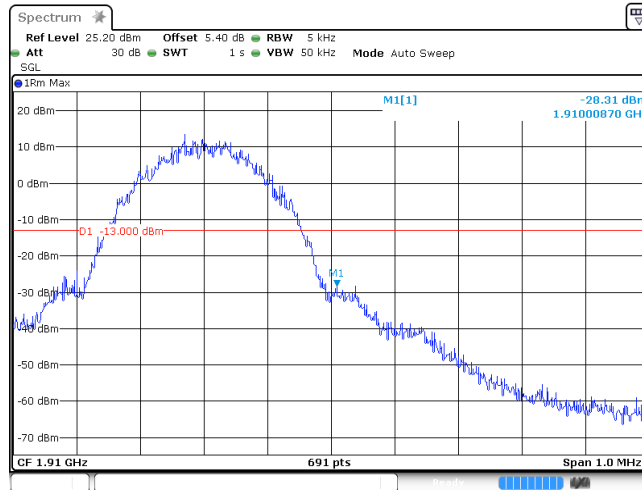


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Date: 12 AUG 2019 22:41:11



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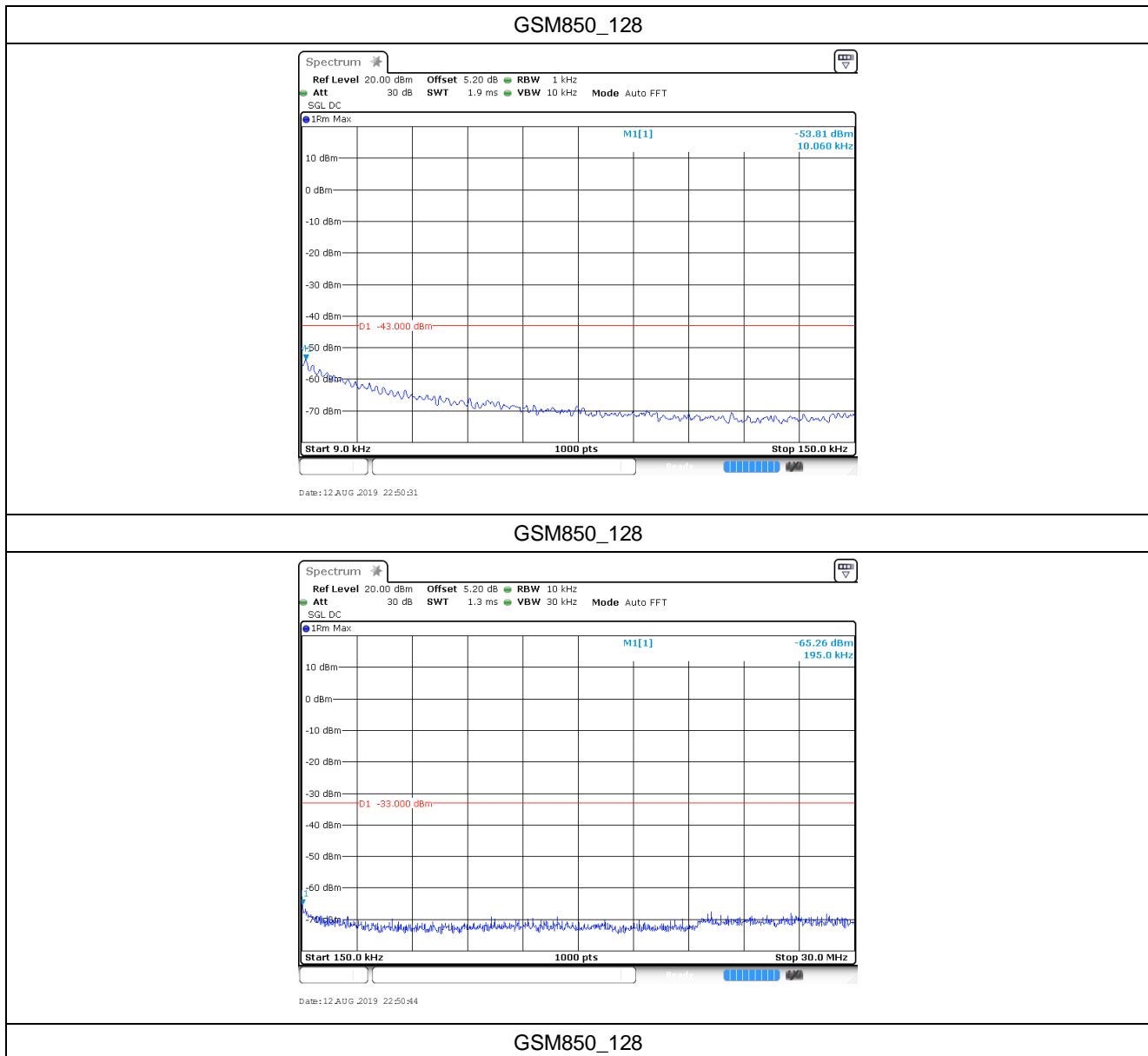
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6. Spurious Emission at Antenna Terminal

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 = $k * (Span / RBW)$ " 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.

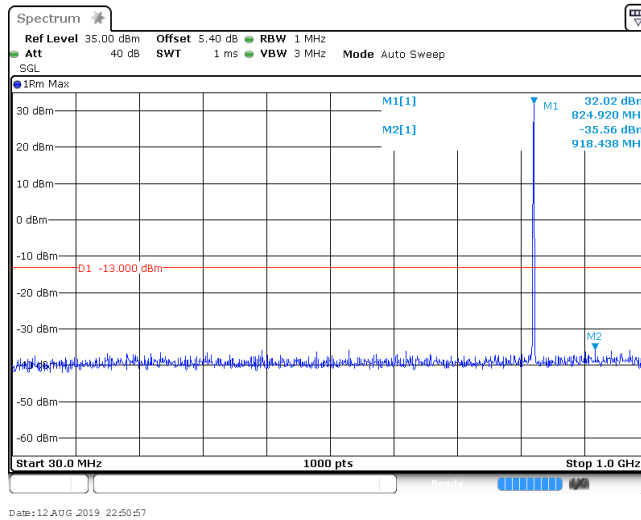
6.1. Test Plots



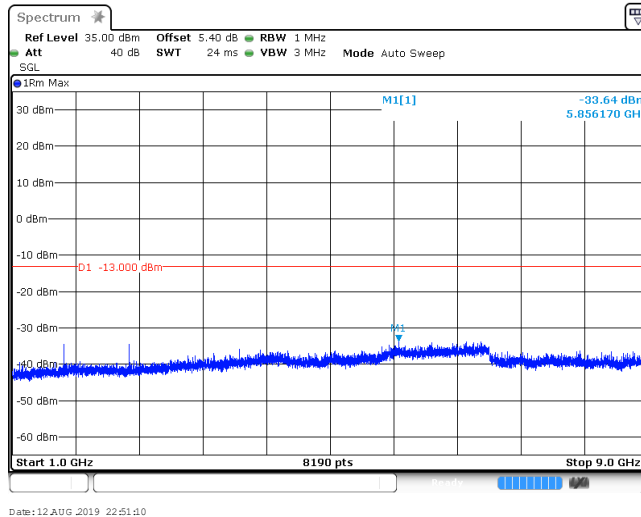
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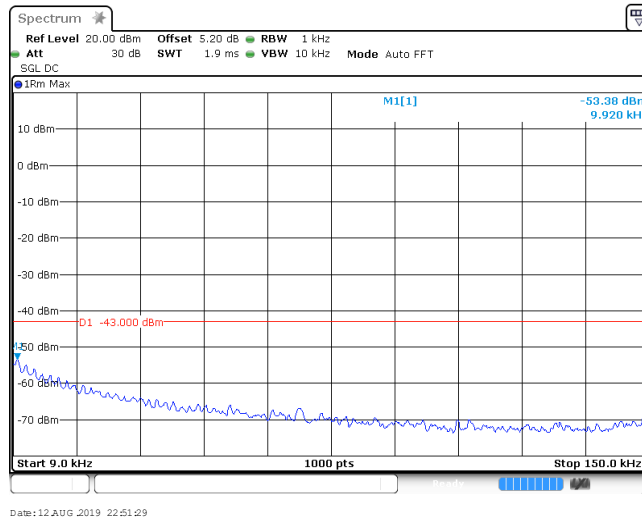
GSM850_128



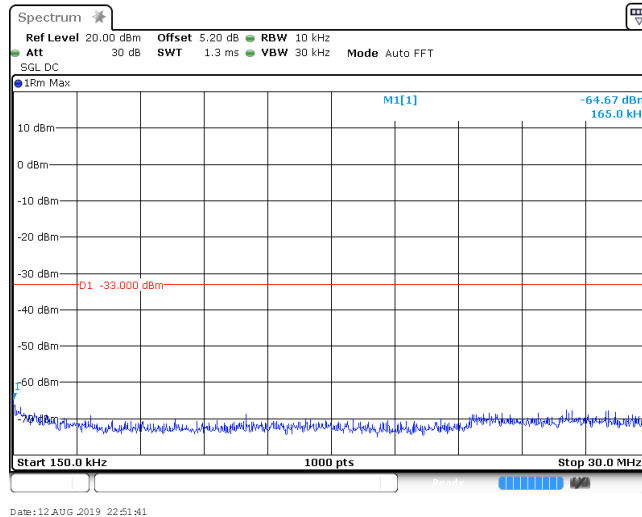
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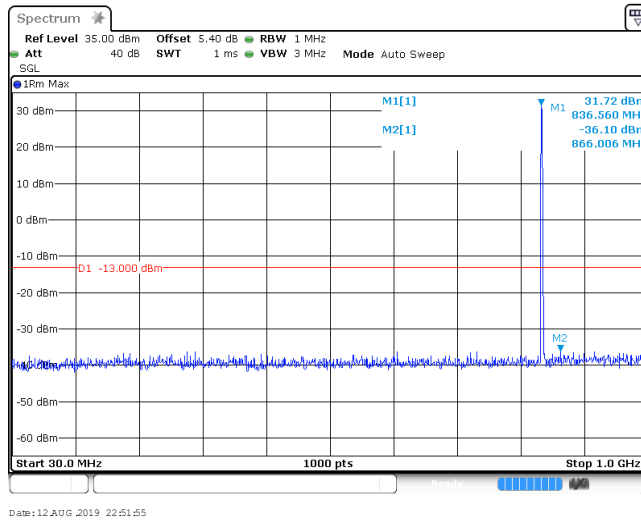


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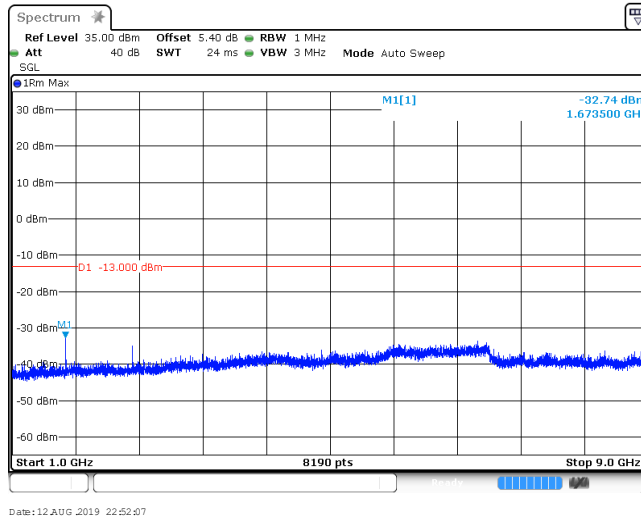


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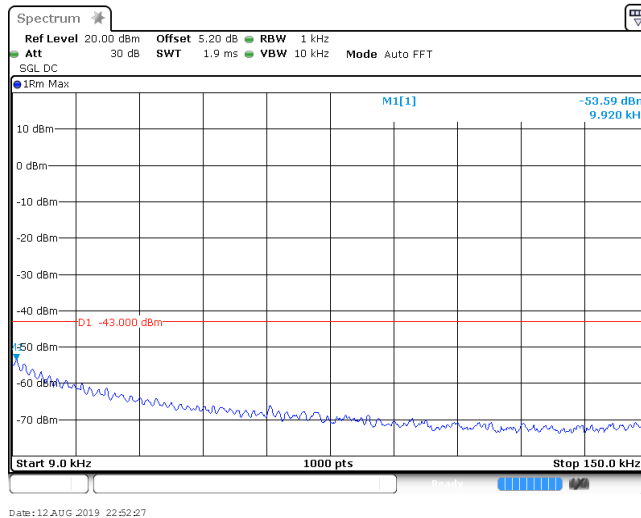
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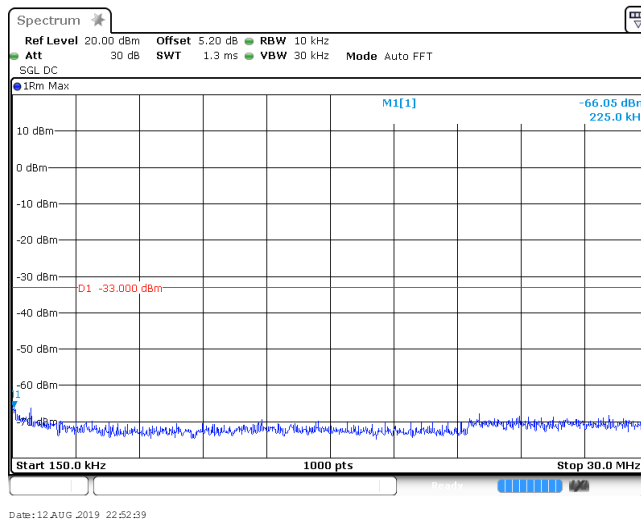
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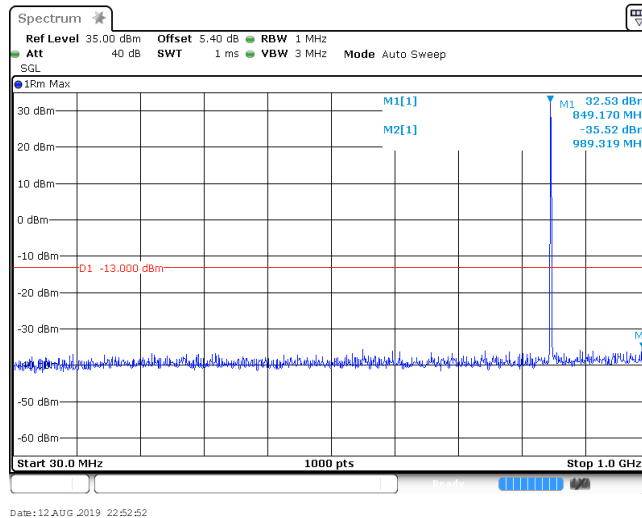


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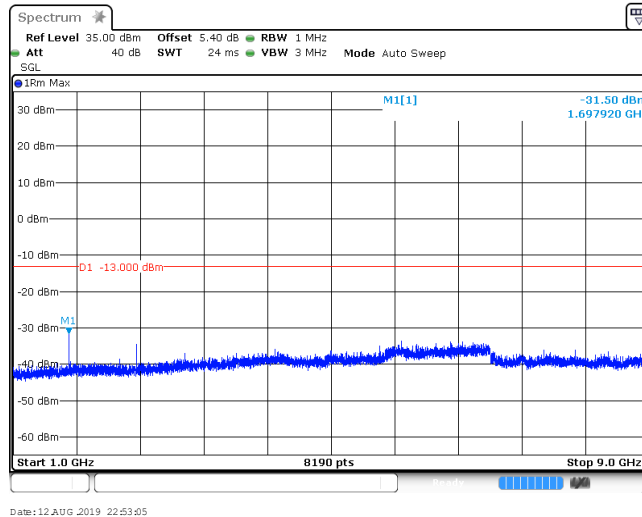


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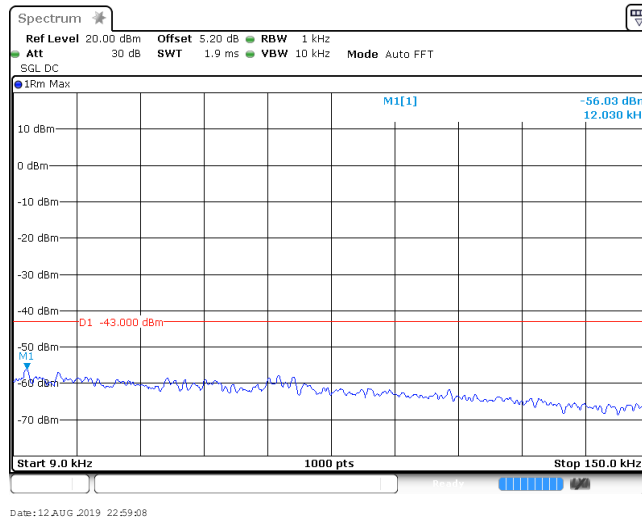
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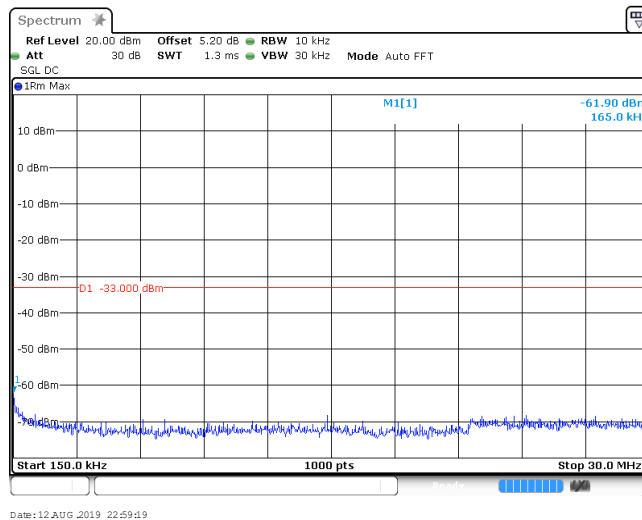
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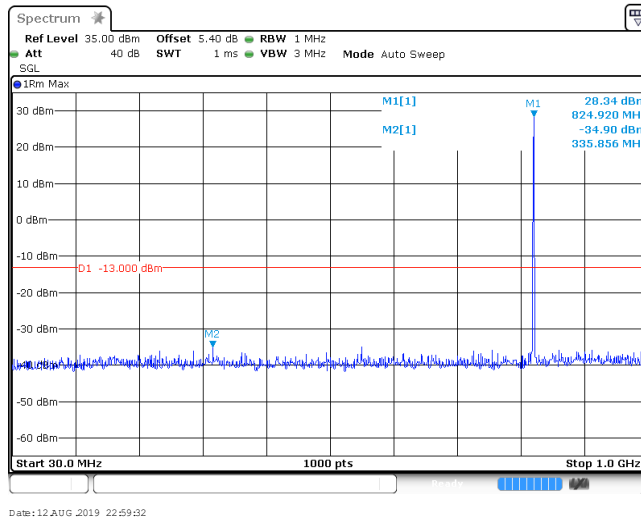


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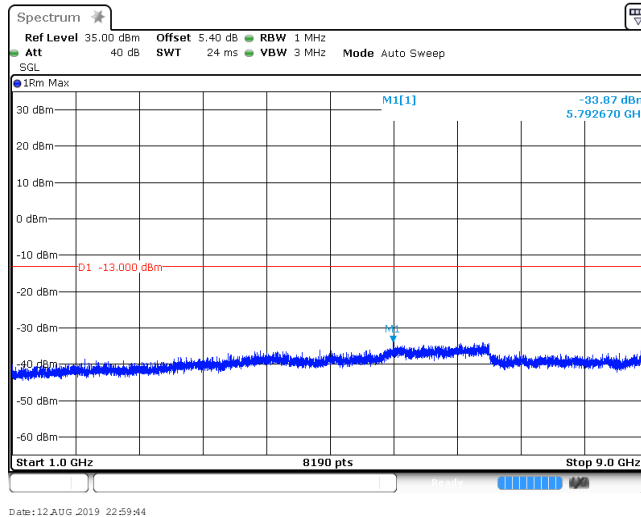


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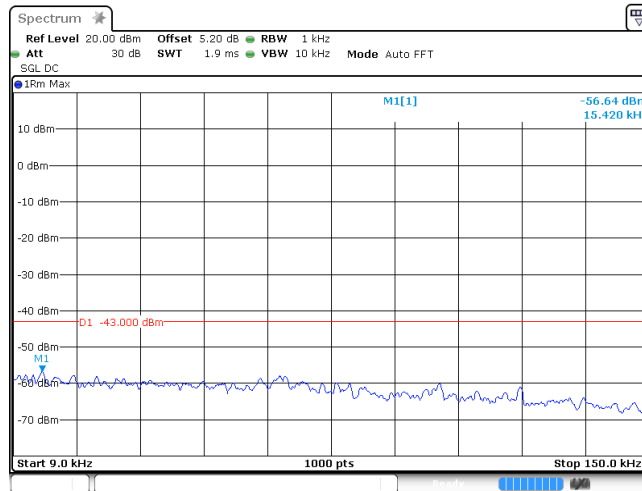


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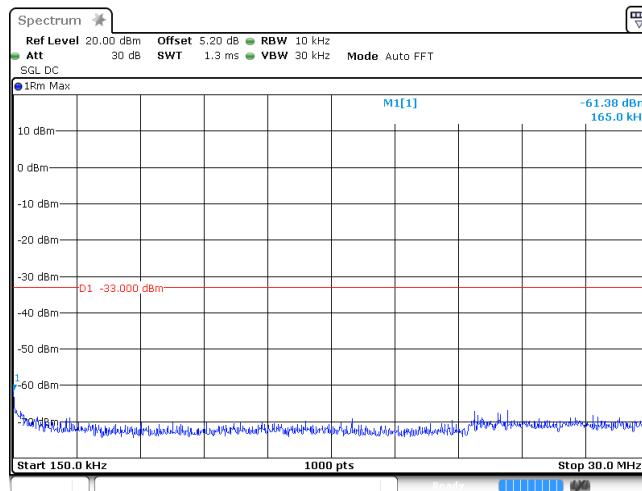
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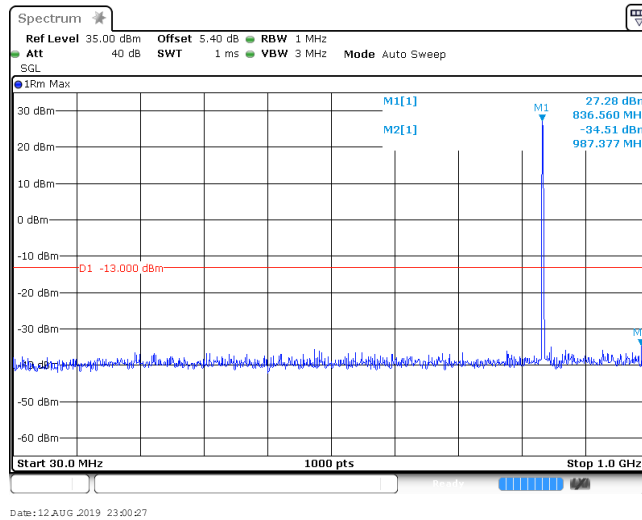


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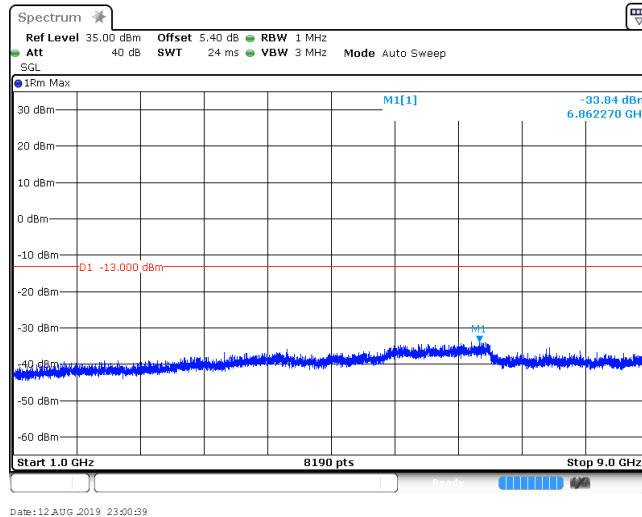
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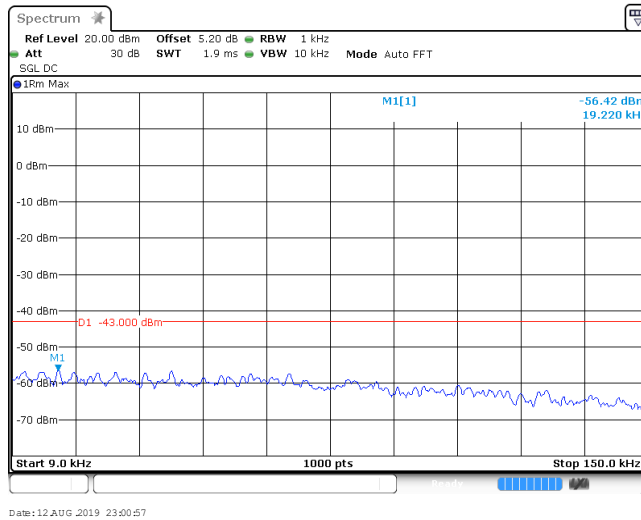


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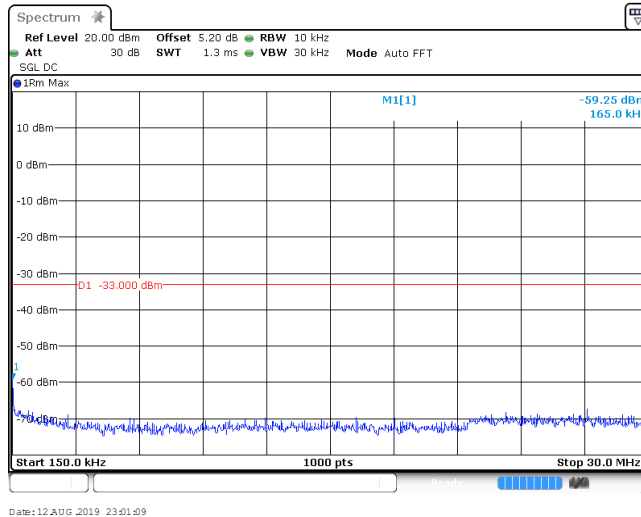


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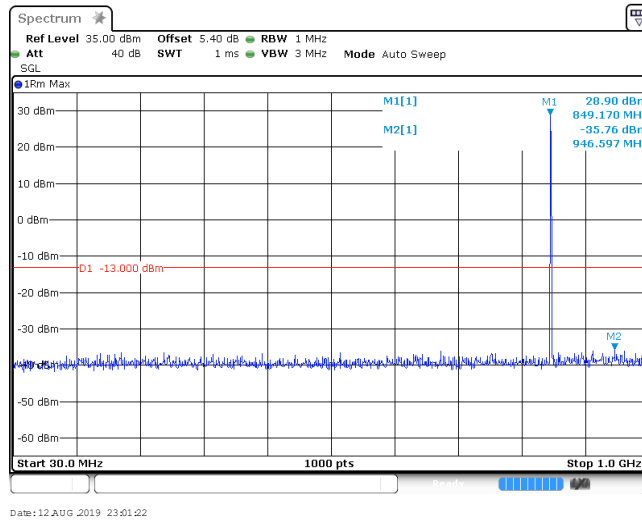


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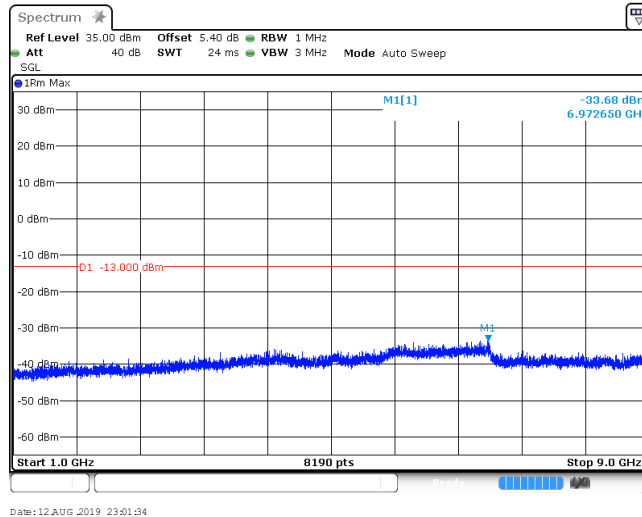


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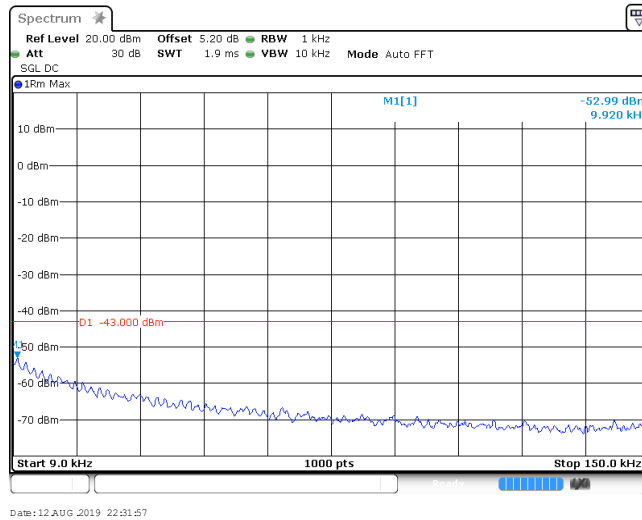


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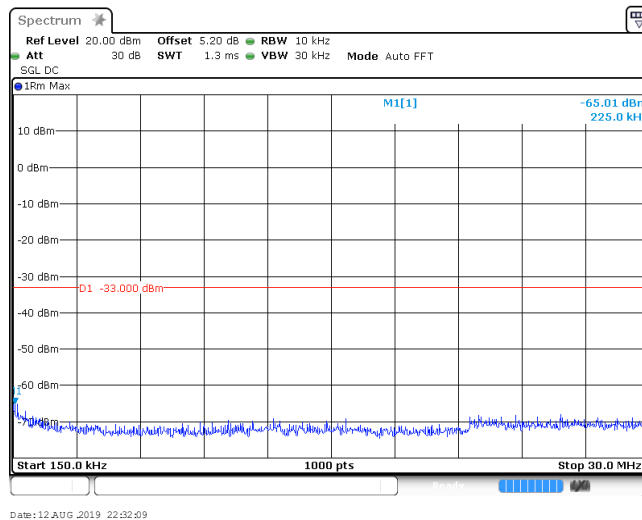


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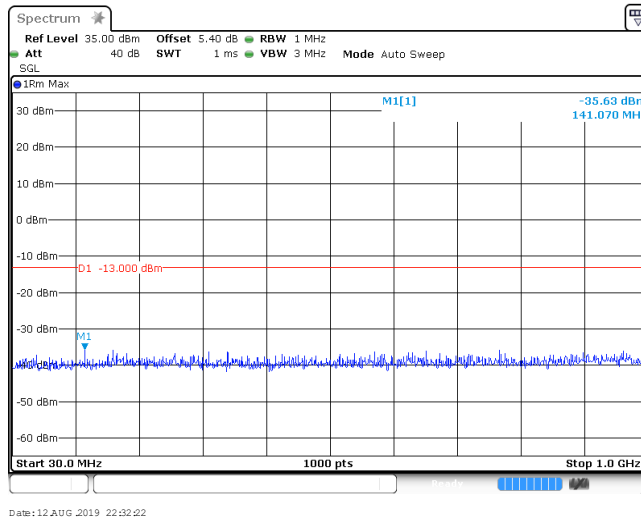


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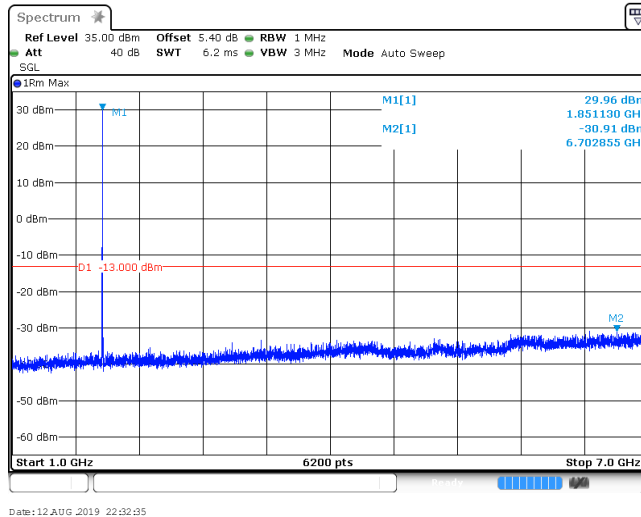


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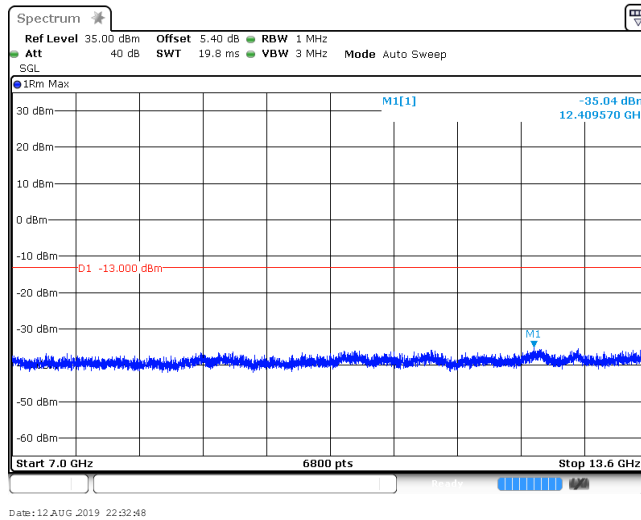


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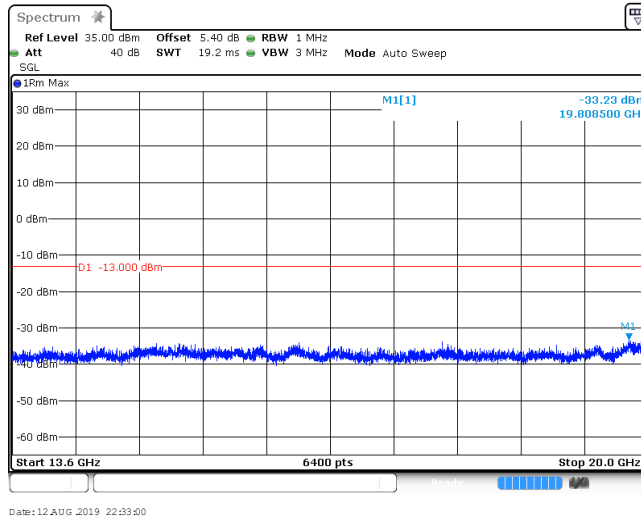


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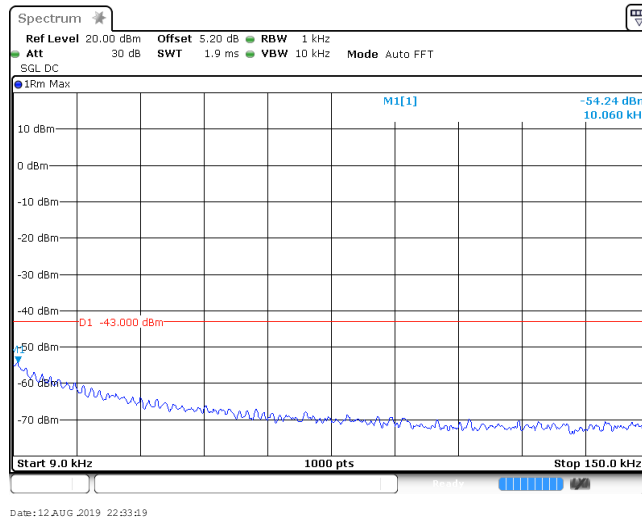


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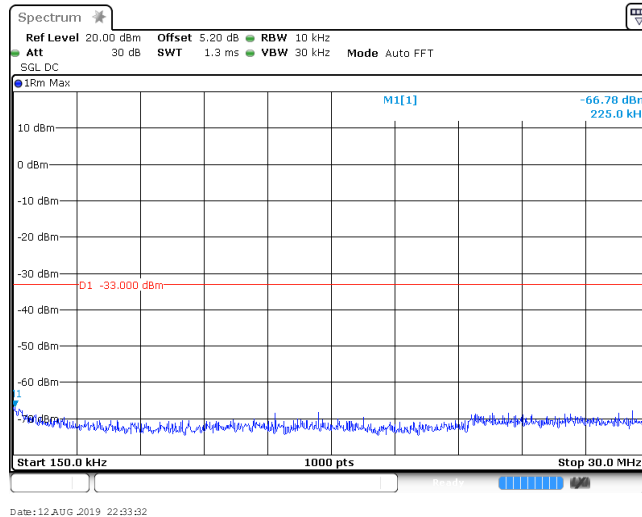


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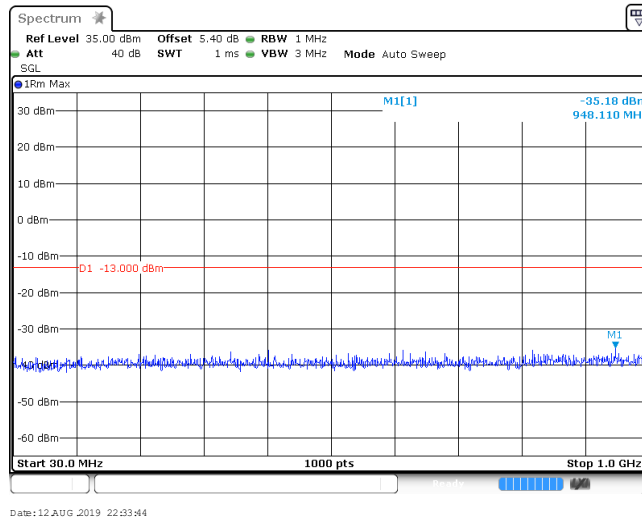


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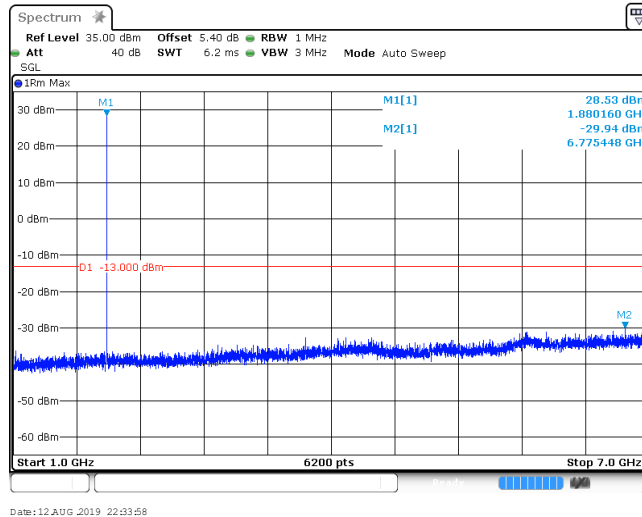


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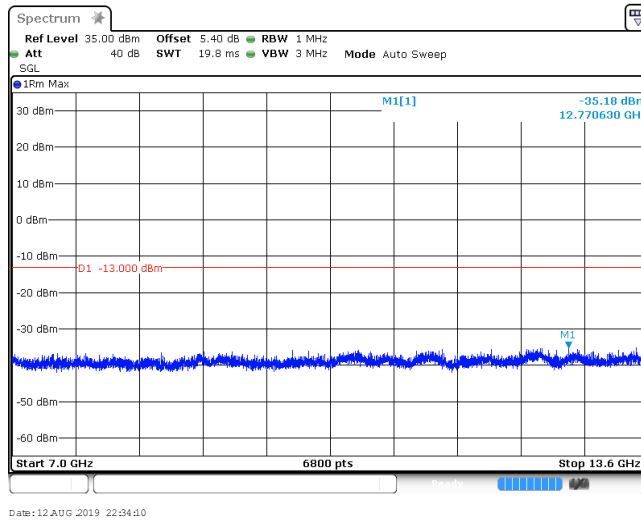


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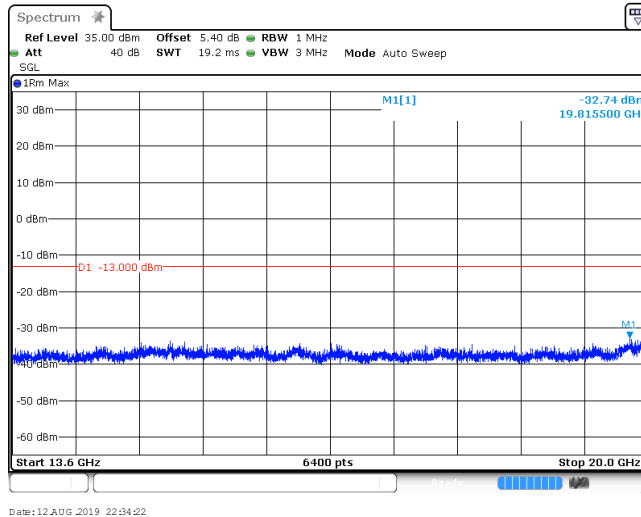
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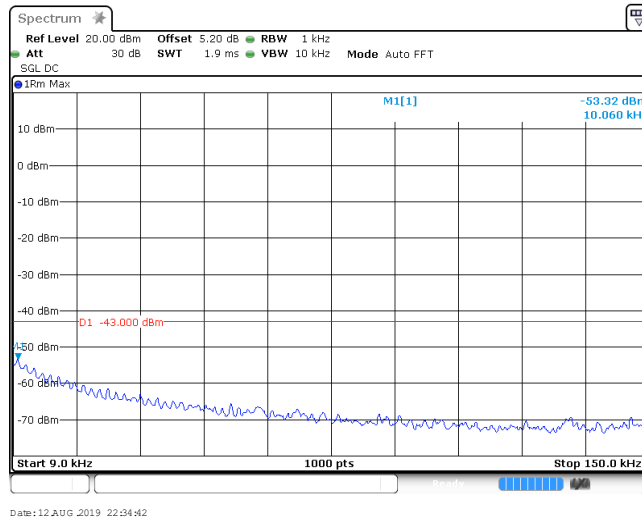
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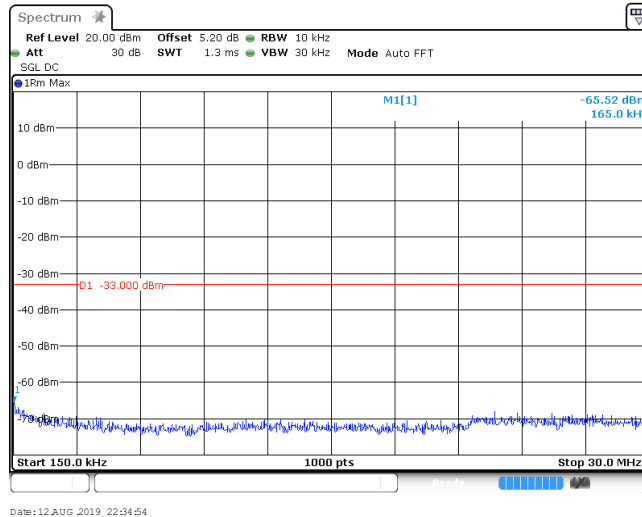


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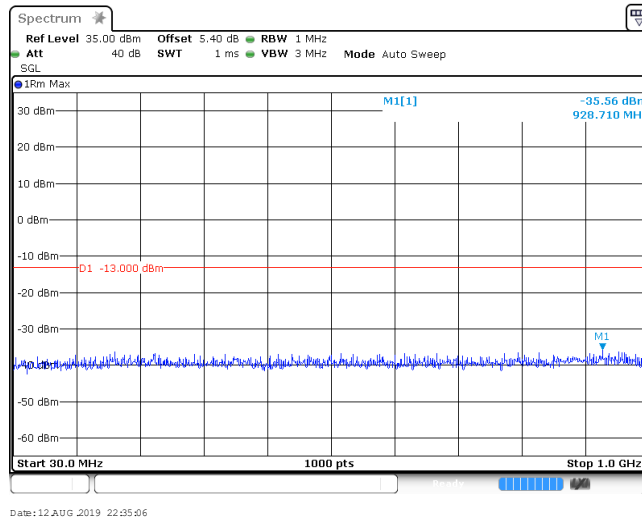


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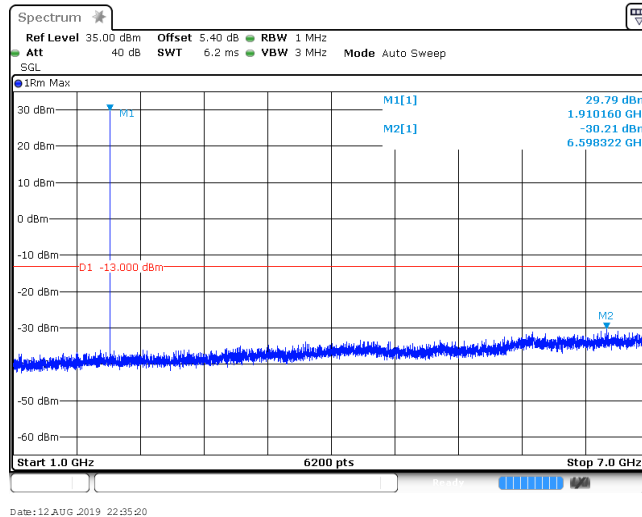


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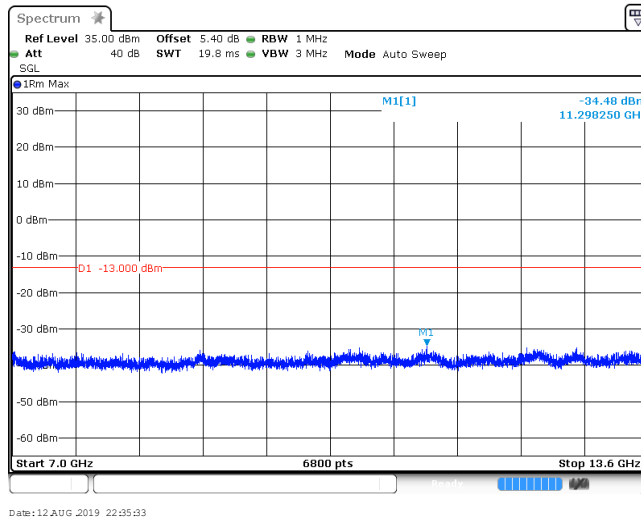


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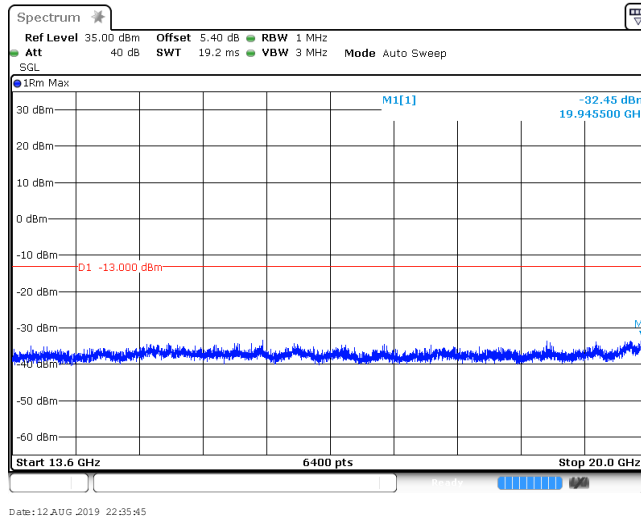
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Date: 12 AUG 2019 22:35:33

GSM1900_810

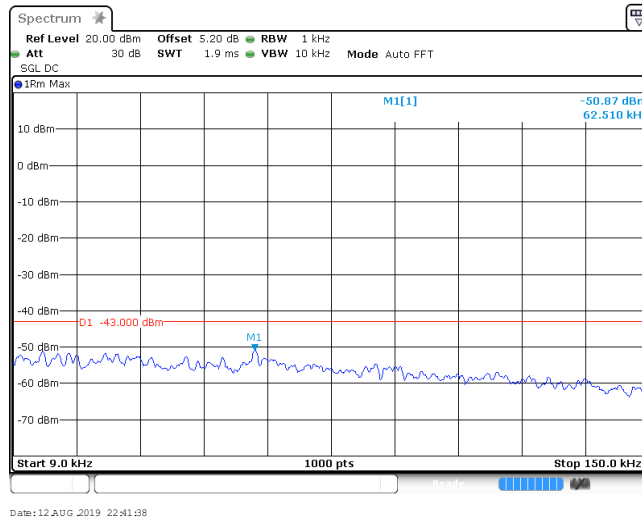


Date: 12 AUG 2019 22:35:45

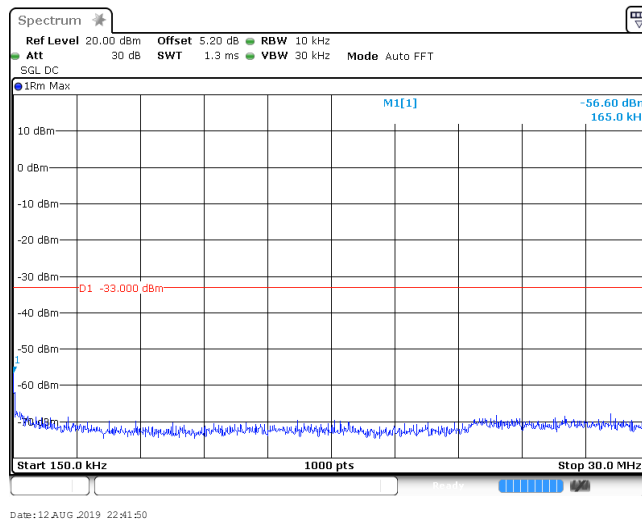
EGPRS1900_512



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EGPRS1900_512

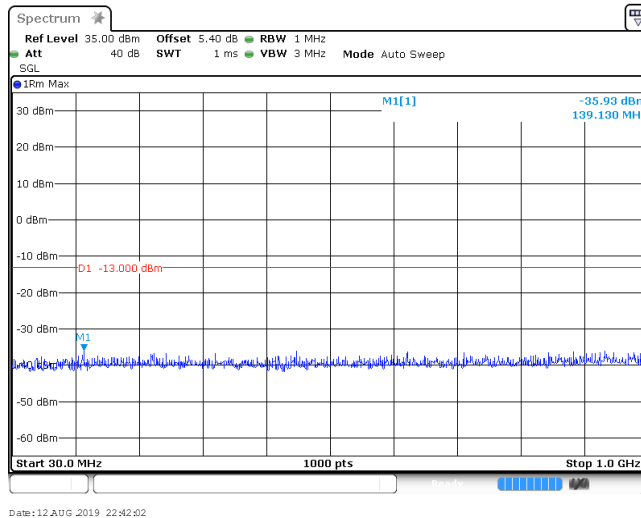


EGPRS1900_512



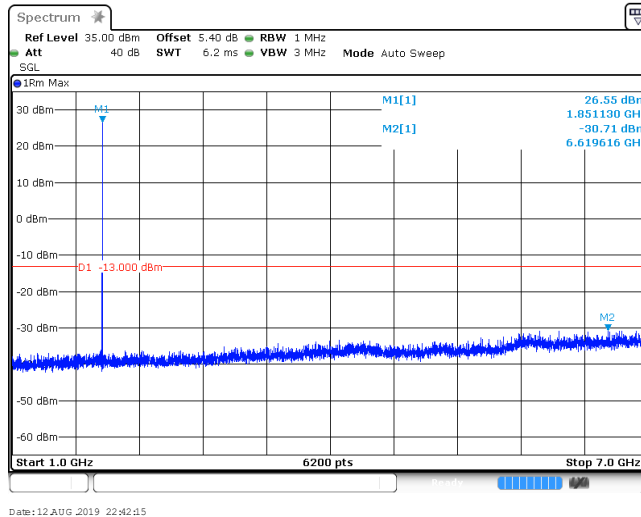
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Date: 12 AUG 2019 22:42:02

EGPRS1900_512

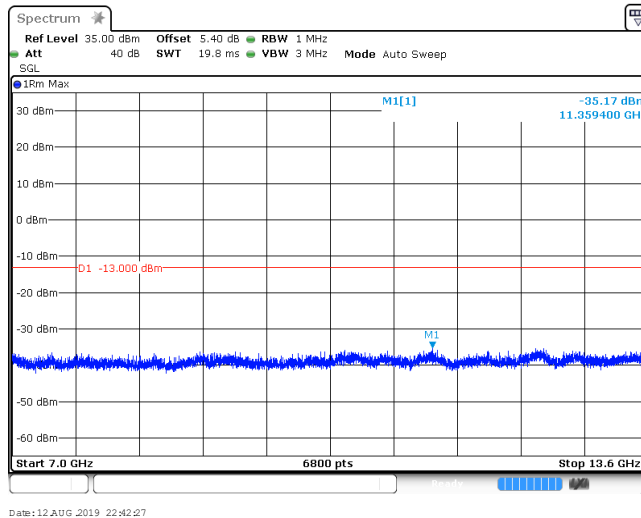


Date: 12 AUG 2019 22:42:15

EGPRS1900_512

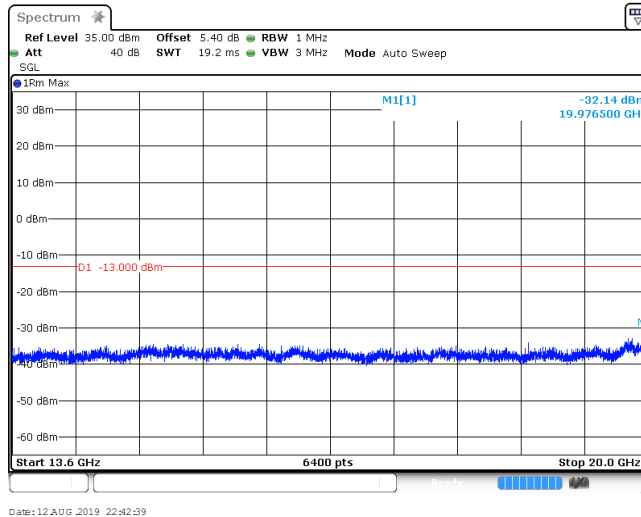


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Date: 12 AUG 2019 22:42:27

EGPRS1900_512



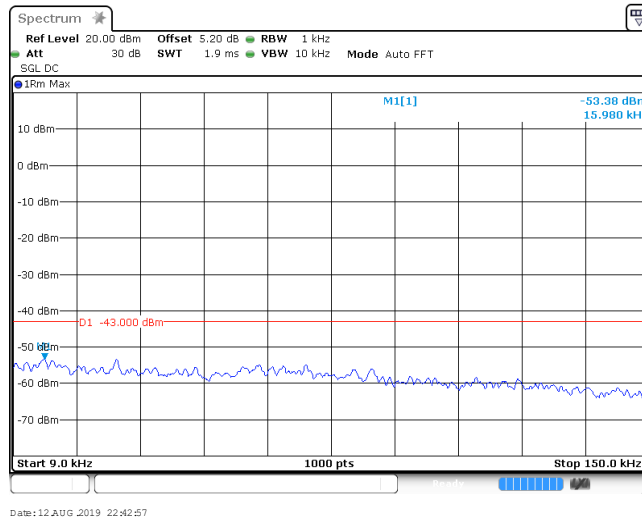
Date: 12 AUG 2019 22:42:39

EGPRS1900_661

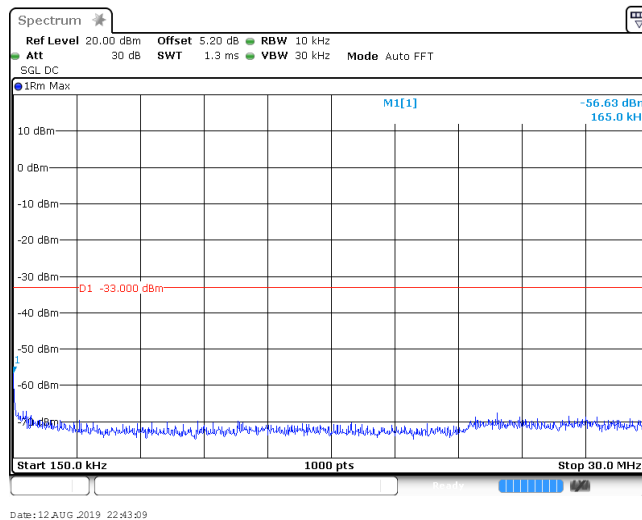


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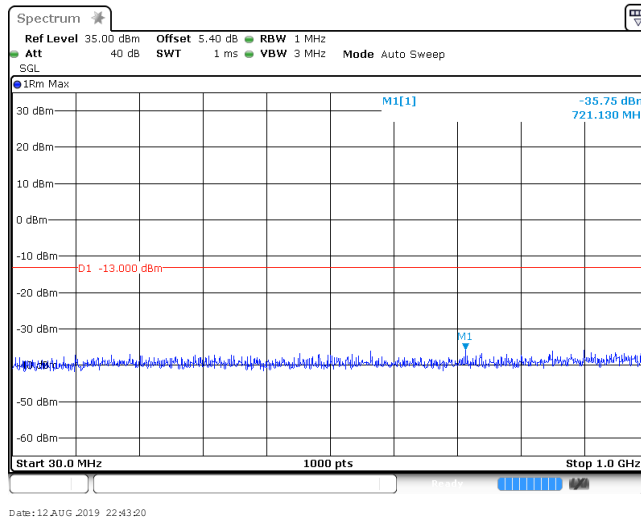


EGPRS1900_661



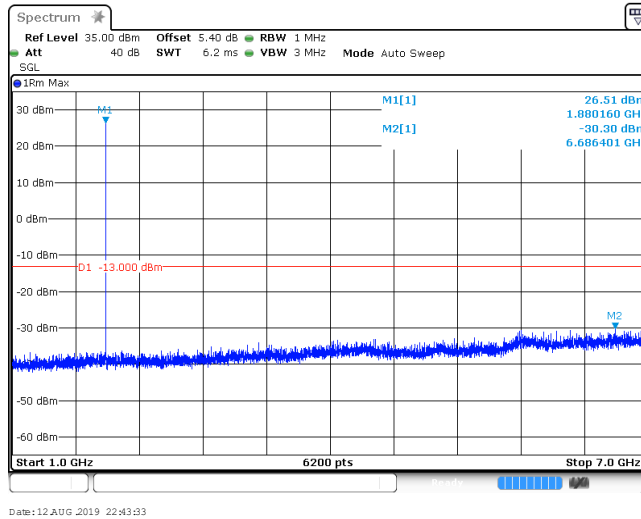
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EGPRS1900_661



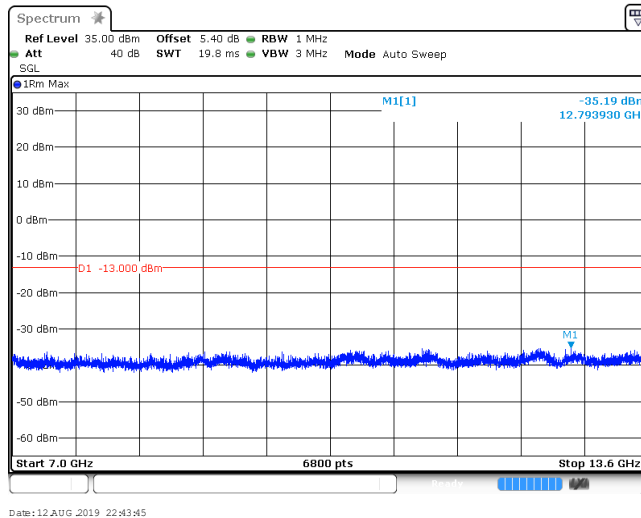
Date: 12 AUG 2019 22:43:33

EGPRS1900_661



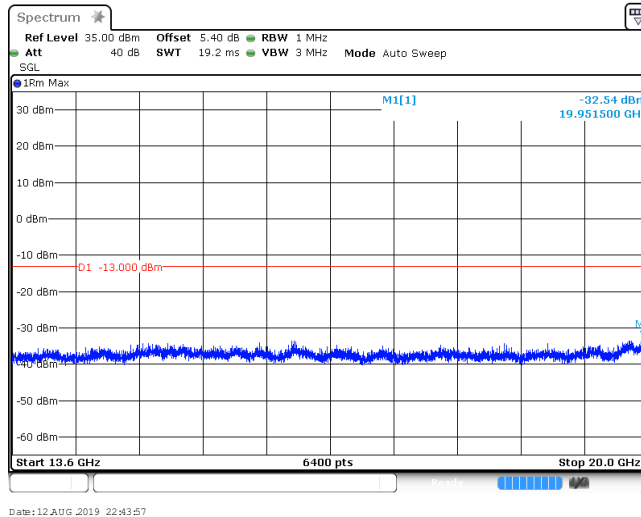
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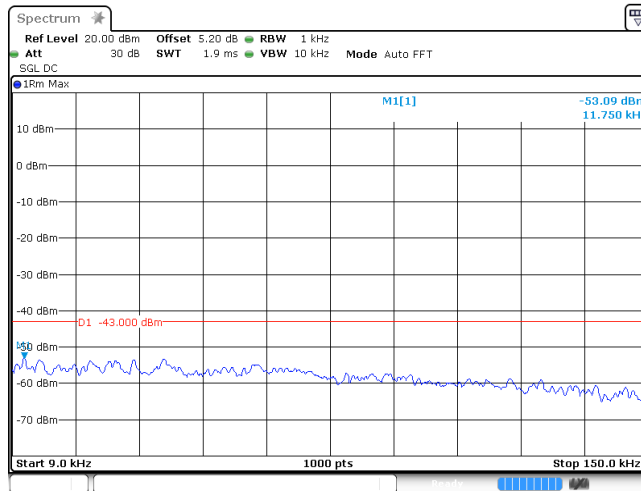


Date: 12 AUG 2019 22:43:57

EGPRS1900_810

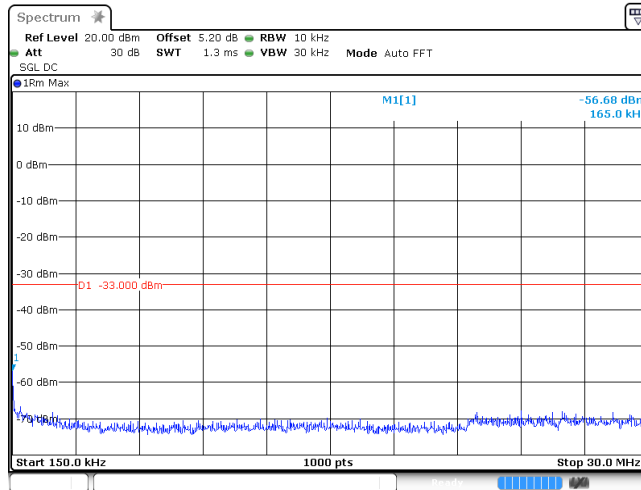


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Date: 12 AUG 2019 22:44:15

EGPRS1900_810

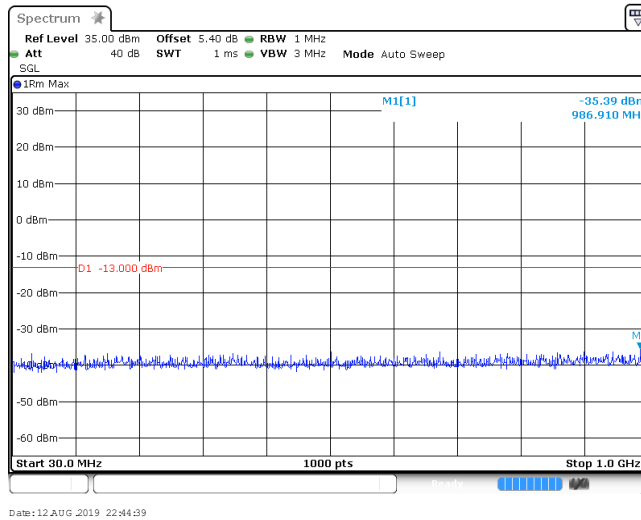


Date: 12 AUG 2019 22:44:27

EGPRS1900_810

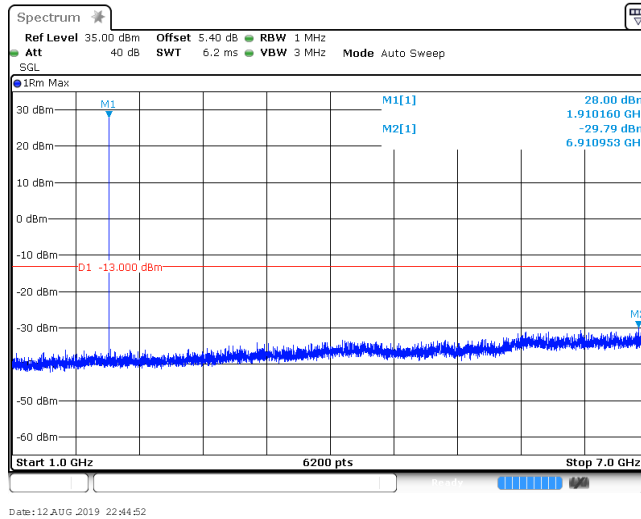


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Date: 12 AUG 2019 22:44:39

EGPRS1900_810

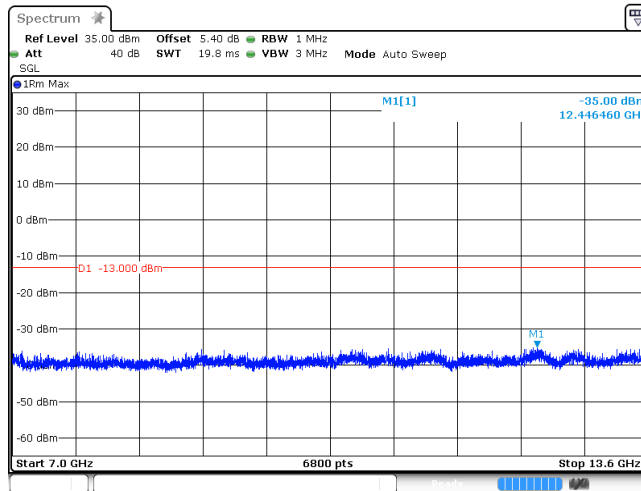


Date: 12 AUG 2019 22:44:52

EGPRS1900_810

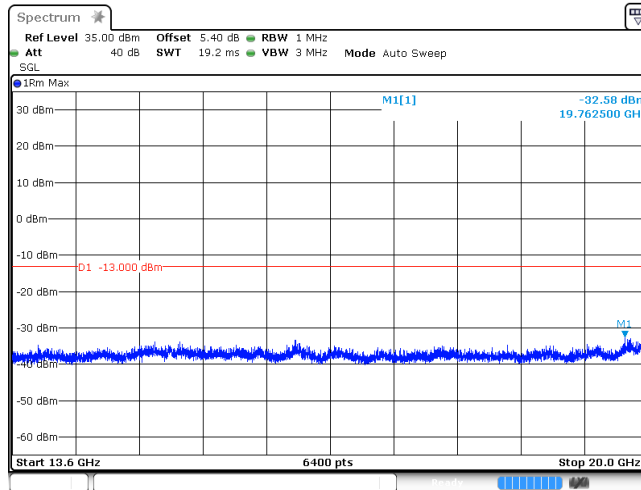


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Date: 12 AUG 2019 22:45:15



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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
39.8460	-64.32	-13.00	51.32	Horizontal
228.4234	-68.98	-13.00	55.98	Horizontal
3700.5234	-45.87	-13.00	32.87	Horizontal
5550.5850	-47.70	-13.00	34.70	Horizontal
11101.7701	-41.48	-13.00	28.48	Horizontal
17991.4997	-36.82	-13.00	23.82	Horizontal
110.3685	-64.56	-13.00	51.56	Vertical
3700.5234	-51.00	-13.00	38.00	Vertical
5550.5850	-50.49	-13.00	37.49	Vertical
7400.6467	-49.64	-13.00	36.64	Vertical
11101.2700	-39.07	-13.00	26.07	Vertical
17988.9996	-32.23	-13.00	19.23	Vertical

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
45.5208	-64.04	-13.00	51.04	Horizontal
2699.5399	-36.24	-13.00	23.24	Horizontal
3760.0253	-49.50	-13.00	36.50	Horizontal
5640.0880	-49.47	-13.00	36.47	Horizontal
11280.2760	-44.30	-13.00	31.30	Horizontal
17992.9998	-36.76	-13.00	23.76	Horizontal
110.8535	-65.16	-13.00	52.16	Vertical
2708.7417	-37.63	-13.00	24.63	Vertical
3760.0253	-51.88	-13.00	38.88	Vertical
5640.0880	-51.99	-13.00	38.99	Vertical
11279.7760	-39.19	-13.00	26.19	Vertical
17995.9999	-31.95	-13.00	18.95	Vertical



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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
41.6891	-64.48	-13.00	51.48	Horizontal
2698.3397	-36.47	-13.00	23.47	Horizontal
3819.5273	-51.68	-13.00	38.68	Horizontal
5729.0910	-50.30	-13.00	37.30	Horizontal
11458.7820	-42.62	-13.00	29.62	Horizontal
17995.9999	-36.67	-13.00	23.67	Horizontal
107.8464	-64.92	-13.00	51.92	Vertical
2700.7401	-37.49	-13.00	24.49	Vertical
3820.0273	-56.53	-13.00	43.53	Vertical
5729.0910	-51.33	-13.00	38.33	Vertical
11458.7820	-39.93	-13.00	26.93	Vertical
17991.9997	-32.03	-13.00	19.03	Vertical

7.2. Test Band = GSM 850

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
39.4580	-64.19	-13.00	51.19	Horizontal
233.3707	-67.07	-13.00	54.07	Horizontal
1648.1296	-48.87	-13.00	35.87	Horizontal
2472.6945	-33.92	-13.00	20.92	Horizontal
3297.0099	-49.15	-13.00	36.15	Horizontal
16397.9466	-37.34	-13.00	24.34	Horizontal
117.4499	-64.49	-13.00	51.49	Vertical
627.7439	-62.91	-13.00	49.91	Vertical
1648.5297	-42.92	-13.00	29.92	Vertical
2472.6945	-41.97	-13.00	28.97	Vertical
3297.0099	-54.93	-13.00	41.93	Vertical
17995.9999	-31.43	-13.00	18.43	Vertical



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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
43.2897	-63.55	-13.00	50.55	Horizontal
239.9670	-67.24	-13.00	54.24	Horizontal
1673.3347	-43.42	-13.00	30.42	Horizontal
2509.9020	-31.38	-13.00	18.38	Horizontal
3346.5116	-50.82	-13.00	37.82	Horizontal
17984.4995	-37.05	-13.00	24.05	Horizontal
116.4798	-63.55	-13.00	50.55	Vertical
600.4370	-63.19	-13.00	50.19	Vertical
1672.9346	-44.14	-13.00	31.14	Vertical
2509.9020	-41.06	-13.00	28.06	Vertical
14712.8904	-41.85	-13.00	28.85	Vertical
17997.9999	-32.01	-13.00	19.01	Vertical

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
39.4580	-64.54	-13.00	51.54	Horizontal
244.0897	-67.30	-13.00	54.30	Horizontal
1697.3395	-41.80	-13.00	28.80	Horizontal
2546.7093	-37.64	-13.00	24.64	Horizontal
16388.4463	-37.79	-13.00	24.79	Horizontal
17998.5000	-36.88	-13.00	23.88	Horizontal
107.5554	-64.76	-13.00	51.76	Vertical
600.5825	-62.71	-13.00	49.71	Vertical
1697.7395	-39.35	-13.00	26.35	Vertical
2546.3093	-40.50	-13.00	27.50	Vertical
14723.3908	-41.99	-13.00	28.99	Vertical
17995.9999	-31.67	-13.00	18.67	Vertical

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	1.87	0.002272	±2.5	PASS
GSM850	128	VN	TN	-0.29	-0.000353	±2.5	PASS
GSM850	128	VH	TN	2.42	0.002938	±2.5	PASS
GSM850	190	VL	TN	3.13	0.003743	±2.5	PASS
GSM850	190	VN	TN	4.36	0.005210	±2.5	PASS
GSM850	190	VH	TN	4.71	0.005634	±2.5	PASS
GSM850	251	VL	TN	2.23	0.002625	±2.5	PASS
GSM850	251	VN	TN	0.71	0.000837	±2.5	PASS
GSM850	251	VH	TN	3.94	0.004641	±2.5	PASS
EGPRS850	128	VL	TN	-5.62	-0.006816	±2.5	PASS
EGPRS850	128	VN	TN	-1.19	-0.001449	±2.5	PASS
EGPRS850	128	VH	TN	3.55	0.004309	±2.5	PASS
EGPRS850	190	VL	TN	-2.52	-0.003010	±2.5	PASS
EGPRS850	190	VN	TN	-5.13	-0.006136	±2.5	PASS
EGPRS850	190	VH	TN	4.26	0.005094	±2.5	PASS
EGPRS850	251	VL	TN	-7.01	-0.008254	±2.5	PASS
EGPRS850	251	VN	TN	1.10	0.001293	±2.5	PASS
EGPRS850	251	VH	TN	1.23	0.001445	±2.5	PASS
GSM1900	512	VL	TN	4.33	0.002338	±2.5	PASS
GSM1900	512	VN	TN	10.88	0.005881	±2.5	PASS
GSM1900	512	VH	TN	11.59	0.006265	±2.5	PASS
GSM1900	661	VL	TN	8.01	0.004259	±2.5	PASS
GSM1900	661	VN	TN	8.88	0.004723	±2.5	PASS
GSM1900	661	VH	TN	7.01	0.003727	±2.5	PASS
GSM1900	810	VL	TN	9.49	0.004970	±2.5	PASS
GSM1900	810	VN	TN	9.07	0.004750	±2.5	PASS
GSM1900	810	VH	TN	9.01	0.004717	±2.5	PASS
EGPRS1900	512	VL	TN	-0.65	-0.000349	±2.5	PASS
EGPRS1900	512	VN	TN	-0.13	-0.000070	±2.5	PASS
EGPRS1900	512	VH	TN	4.26	0.002303	±2.5	PASS
EGPRS1900	661	VL	TN	3.94	0.002095	±2.5	PASS
EGPRS1900	661	VN	TN	0.39	0.000206	±2.5	PASS
EGPRS1900	661	VH	TN	1.03	0.000550	±2.5	PASS
EGPRS1900	810	VL	TN	2.91	0.001521	±2.5	PASS
EGPRS1900	810	VN	TN	4.78	0.002502	±2.5	PASS
EGPRS1900	810	VH	TN	-4.94	-0.002587	±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	0.97	0.001175	±2.5	PASS
GSM850	128	VN	-20	-1.16	-0.001410	±2.5	PASS
GSM850	128	VN	-10	4.81	0.005837	±2.5	PASS
GSM850	128	VN	0	2.45	0.002977	±2.5	PASS
GSM850	128	VN	10	3.84	0.004662	±2.5	PASS
GSM850	128	VN	20	5.07	0.006150	±2.5	PASS
GSM850	128	VN	30	4.36	0.005288	±2.5	PASS
GSM850	128	VN	40	4.58	0.005562	±2.5	PASS
GSM850	128	VN	50	2.52	0.003055	±2.5	PASS
GSM850	190	VN	-30	7.26	0.008683	±2.5	PASS
GSM850	190	VN	-20	5.26	0.006290	±2.5	PASS
GSM850	190	VN	-10	2.91	0.003473	±2.5	PASS
GSM850	190	VN	0	3.84	0.004592	±2.5	PASS
GSM850	190	VN	10	1.00	0.001196	±2.5	PASS
GSM850	190	VN	20	4.23	0.005056	±2.5	PASS
GSM850	190	VN	30	0.32	0.000386	±2.5	PASS
GSM850	190	VN	40	-1.90	-0.002277	±2.5	PASS
GSM850	190	VN	50	-0.06	-0.000077	±2.5	PASS
GSM850	251	VN	-30	-0.45	-0.000533	±2.5	PASS
GSM850	251	VN	-20	8.10	0.009547	±2.5	PASS
GSM850	251	VN	-10	5.71	0.006733	±2.5	PASS
GSM850	251	VN	0	4.26	0.005021	±2.5	PASS
GSM850	251	VN	10	0.84	0.000989	±2.5	PASS
GSM850	251	VN	20	2.00	0.002358	±2.5	PASS
GSM850	251	VN	30	2.10	0.002472	±2.5	PASS
GSM850	251	VN	40	5.13	0.006048	±2.5	PASS
GSM850	251	VN	50	1.84	0.002168	±2.5	PASS
EGPRS850	128	VN	-30	2.94	0.003565	±2.5	PASS
EGPRS850	128	VN	-20	3.81	0.004622	±2.5	PASS
EGPRS850	128	VN	-10	-3.91	-0.004740	±2.5	PASS
EGPRS850	128	VN	0	2.55	0.003095	±2.5	PASS
EGPRS850	128	VN	10	1.58	0.001919	±2.5	PASS
EGPRS850	128	VN	20	3.52	0.004270	±2.5	PASS
EGPRS850	128	VN	30	5.33	0.006463	±2.5	PASS
EGPRS850	128	VN	40	-0.52	-0.000627	±2.5	PASS
EGPRS850	128	VN	50	6.75	0.008187	±2.5	PASS
EGPRS850	190	VN	-30	2.13	0.002547	±2.5	PASS
EGPRS850	190	VN	-20	1.42	0.001698	±2.5	PASS
EGPRS850	190	VN	-10	1.10	0.001312	±2.5	PASS
EGPRS850	190	VN	0	2.16	0.002586	±2.5	PASS
EGPRS850	190	VN	10	1.94	0.002316	±2.5	PASS
EGPRS850	190	VN	20	4.16	0.004978	±2.5	PASS



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EGPRS850	190	VN	30	3.84	0.004592	±2.5	PASS
EGPRS850	190	VN	40	3.65	0.004361	±2.5	PASS
EGPRS850	190	VN	50	5.55	0.006638	±2.5	PASS
EGPRS850	251	VN	-30	-2.74	-0.003233	±2.5	PASS
EGPRS850	251	VN	-20	1.84	0.002168	±2.5	PASS
EGPRS850	251	VN	-10	-4.97	-0.005858	±2.5	PASS
EGPRS850	251	VN	0	-2.78	-0.003271	±2.5	PASS
EGPRS850	251	VN	10	1.10	0.001293	±2.5	PASS
EGPRS850	251	VN	20	4.75	0.005591	±2.5	PASS
EGPRS850	251	VN	30	-1.13	-0.001331	±2.5	PASS
EGPRS850	251	VN	40	-0.97	-0.001141	±2.5	PASS
EGPRS850	251	VN	50	3.68	0.004336	±2.5	PASS
GSM1900	512	VN	-30	14.50	0.007835	±2.5	PASS
GSM1900	512	VN	-20	10.91	0.005898	±2.5	PASS
GSM1900	512	VN	-10	11.24	0.006073	±2.5	PASS
GSM1900	512	VN	0	8.07	0.004362	±2.5	PASS
GSM1900	512	VN	10	5.49	0.002966	±2.5	PASS
GSM1900	512	VN	20	8.78	0.004746	±2.5	PASS
GSM1900	512	VN	30	5.78	0.003124	±2.5	PASS
GSM1900	512	VN	40	-1.49	-0.000803	±2.5	PASS
GSM1900	512	VN	50	6.88	0.003717	±2.5	PASS
GSM1900	661	VN	-30	9.36	0.004980	±2.5	PASS
GSM1900	661	VN	-20	11.30	0.006011	±2.5	PASS
GSM1900	661	VN	-10	12.33	0.006560	±2.5	PASS
GSM1900	661	VN	0	4.91	0.002610	±2.5	PASS
GSM1900	661	VN	10	1.39	0.000738	±2.5	PASS
GSM1900	661	VN	20	4.78	0.002542	±2.5	PASS
GSM1900	661	VN	30	1.49	0.000790	±2.5	PASS
GSM1900	661	VN	40	3.55	0.001889	±2.5	PASS
GSM1900	661	VN	50	1.52	0.000807	±2.5	PASS
GSM1900	810	VN	-30	7.36	0.003854	±2.5	PASS
GSM1900	810	VN	-20	8.43	0.004412	±2.5	PASS
GSM1900	810	VN	-10	6.13	0.003212	±2.5	PASS
GSM1900	810	VN	0	6.81	0.003567	±2.5	PASS
GSM1900	810	VN	10	0.71	0.000372	±2.5	PASS
GSM1900	810	VN	20	8.17	0.004277	±2.5	PASS
GSM1900	810	VN	30	9.33	0.004886	±2.5	PASS
GSM1900	810	VN	40	3.58	0.001876	±2.5	PASS
GSM1900	810	VN	50	-4.16	-0.002181	±2.5	PASS
EGPRS1900	512	VN	-30	0.42	0.000227	±2.5	PASS
EGPRS1900	512	VN	-20	-1.10	-0.000593	±2.5	PASS
EGPRS1900	512	VN	-10	1.84	0.000995	±2.5	PASS
EGPRS1900	512	VN	0	5.33	0.002879	±2.5	PASS
EGPRS1900	512	VN	10	-1.55	-0.000838	±2.5	PASS
EGPRS1900	512	VN	20	-0.71	-0.000384	±2.5	PASS
EGPRS1900	512	VN	30	-0.68	-0.000366	±2.5	PASS
EGPRS1900	512	VN	40	0.45	0.000244	±2.5	PASS



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EGPRS1900	512	VN	50	1.84	0.000995	±2.5	PASS
EGPRS1900	661	VN	-30	0.26	0.000137	±2.5	PASS
EGPRS1900	661	VN	-20	-0.06	-0.000034	±2.5	PASS
EGPRS1900	661	VN	-10	-3.23	-0.001717	±2.5	PASS
EGPRS1900	661	VN	0	-2.10	-0.001116	±2.5	PASS
EGPRS1900	661	VN	10	1.97	0.001048	±2.5	PASS
EGPRS1900	661	VN	20	2.55	0.001357	±2.5	PASS
EGPRS1900	661	VN	30	4.13	0.002198	±2.5	PASS
EGPRS1900	661	VN	40	6.59	0.003503	±2.5	PASS
EGPRS1900	661	VN	50	-5.13	-0.002731	±2.5	PASS
EGPRS1900	810	VN	-30	-3.75	-0.001961	±2.5	PASS
EGPRS1900	810	VN	-20	-1.81	-0.000947	±2.5	PASS
EGPRS1900	810	VN	-10	-2.42	-0.001268	±2.5	PASS
EGPRS1900	810	VN	0	-2.84	-0.001488	±2.5	PASS
EGPRS1900	810	VN	10	-3.97	-0.002079	±2.5	PASS
EGPRS1900	810	VN	20	-0.13	-0.000068	±2.5	PASS
EGPRS1900	810	VN	30	-2.49	-0.001302	±2.5	PASS
EGPRS1900	810	VN	40	-2.42	-0.001268	±2.5	PASS
EGPRS1900	810	VN	50	-2.07	-0.001082	±2.5	PASS

The End



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