



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	---	31.29	27.27	38.45	PASS
GSM850	190	---	31.15	27.13	38.45	PASS
GSM850	251	---	31.13	27.11	38.45	PASS
EGPRS850 (GMSK)	128	1	31.27	27.25	38.45	PASS
EGPRS850 (GMSK)	128	2	28.46	24.44	38.45	PASS
EGPRS850 (GMSK)	128	3	27.41	23.39	38.45	PASS
EGPRS850 (GMSK)	128	4	26.18	22.16	38.45	PASS
EGPRS850 (GMSK)	190	1	31.19	27.17	38.45	PASS
EGPRS850 (GMSK)	190	2	28.25	24.23	38.45	PASS
EGPRS850 (GMSK)	190	3	27.17	23.15	38.45	PASS
EGPRS850 (GMSK)	190	4	25.98	21.96	38.45	PASS
EGPRS850 (GMSK)	251	1	31.16	27.14	38.45	PASS
EGPRS850 (GMSK)	251	2	28.07	24.05	38.45	PASS
EGPRS850 (GMSK)	251	3	26.97	22.95	38.45	PASS
EGPRS850 (GMSK)	251	4	25.68	21.66	38.45	PASS
EGPRS850 (8PSK)	128	1	26.42	22.40	38.45	PASS
EGPRS850 (8PSK)	128	2	23.55	19.53	38.45	PASS
EGPRS850 (8PSK)	128	3	21.61	17.59	38.45	PASS
EGPRS850 (8PSK)	128	4	20.12	16.10	38.45	PASS
EGPRS850 (8PSK)	190	1	26.23	22.21	38.45	PASS
EGPRS850 (8PSK)	190	2	23.31	19.29	38.45	PASS
EGPRS850 (8PSK)	190	3	21.36	17.34	38.45	PASS
EGPRS850 (8PSK)	190	4	19.91	15.89	38.45	PASS
EGPRS850 (8PSK)	251	1	26.22	22.20	38.45	PASS
EGPRS850 (8PSK)	251	2	23.22	19.20	38.45	PASS
EGPRS850 (8PSK)	251	3	21.27	17.25	38.45	PASS
EGPRS850 (8PSK)	251	4	19.83	15.81	38.45	PASS



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Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.51	28.41	33.00	PASS
GSM1900	661	---	29.50	28.40	33.00	PASS
GSM1900	810	---	29.54	28.44	33.00	PASS
EGPRS1900 (GMSK)	512	1	29.50	28.40	33.00	PASS
EGPRS1900 (GMSK)	512	2	27.44	26.34	33.00	PASS
EGPRS1900 (GMSK)	512	3	25.19	24.09	33.00	PASS
EGPRS1900 (GMSK)	512	4	24.04	22.94	33.00	PASS
EGPRS1900 (GMSK)	661	1	29.49	28.39	33.00	PASS
EGPRS1900 (GMSK)	661	2	27.48	26.38	33.00	PASS
EGPRS1900 (GMSK)	661	3	25.31	24.21	33.00	PASS
EGPRS1900 (GMSK)	661	4	24.13	23.03	33.00	PASS
EGPRS1900 (GMSK)	810	1	29.54	28.44	33.00	PASS
EGPRS1900 (GMSK)	810	2	27.55	26.45	33.00	PASS
EGPRS1900 (GMSK)	810	3	25.38	24.28	33.00	PASS
EGPRS1900 (GMSK)	810	4	24.25	23.15	33.00	PASS
EGPRS1900 (8PSK)	512	1	25.94	24.84	33.00	PASS
EGPRS1900 (8PSK)	512	2	22.86	21.76	33.00	PASS
EGPRS1900 (8PSK)	512	3	20.82	19.72	33.00	PASS
EGPRS1900 (8PSK)	512	4	19.74	18.64	33.00	PASS
EGPRS1900 (8PSK)	661	1	25.92	24.82	33.00	PASS
EGPRS1900 (8PSK)	661	2	22.99	21.89	33.00	PASS
EGPRS1900 (8PSK)	661	3	20.82	19.72	33.00	PASS
EGPRS1900 (8PSK)	661	4	19.73	18.63	33.00	PASS
EGPRS1900 (8PSK)	810	1	25.95	24.85	33.00	PASS
EGPRS1900 (8PSK)	810	2	23.19	22.09	33.00	PASS
EGPRS1900 (8PSK)	810	3	21.05	19.95	33.00	PASS
EGPRS1900 (8PSK)	810	4	20.00	18.90	33.00	PASS

Remark:

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

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

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



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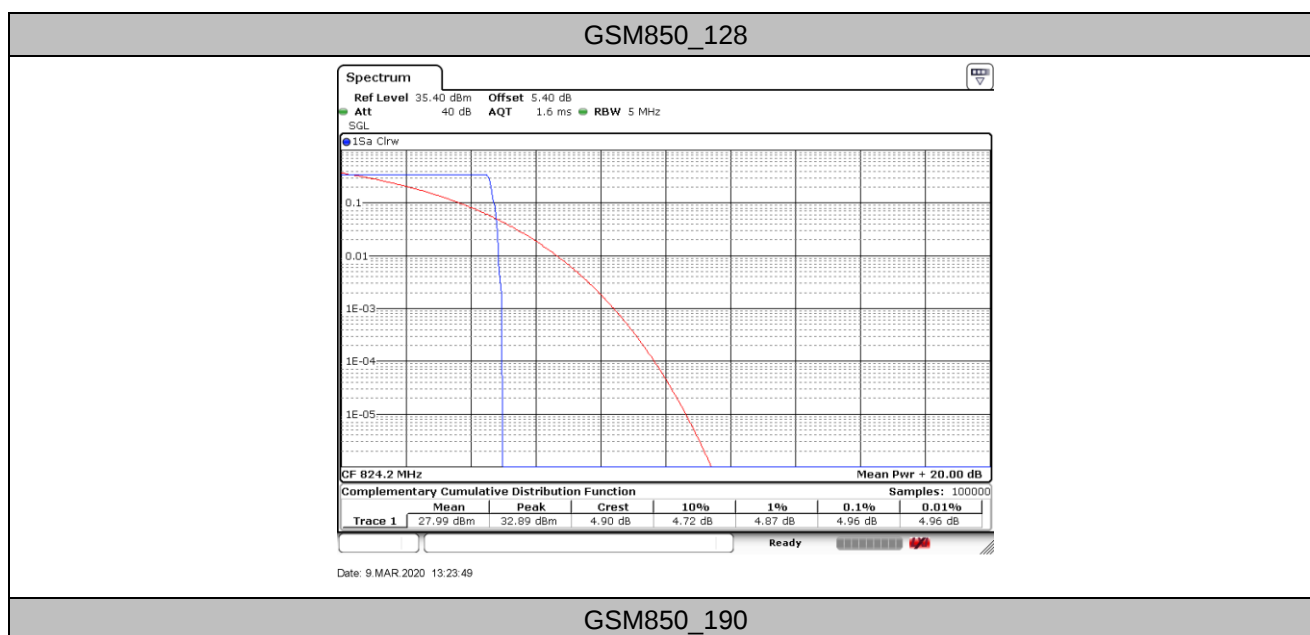


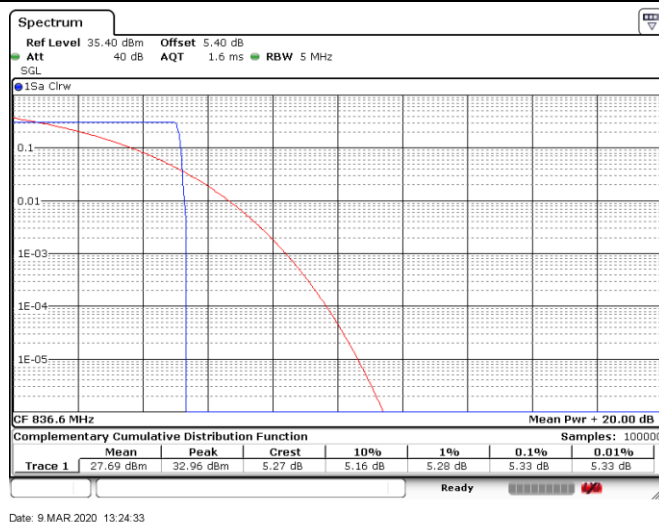
2. Peak-to-Average Ratio

2.1. Test Result

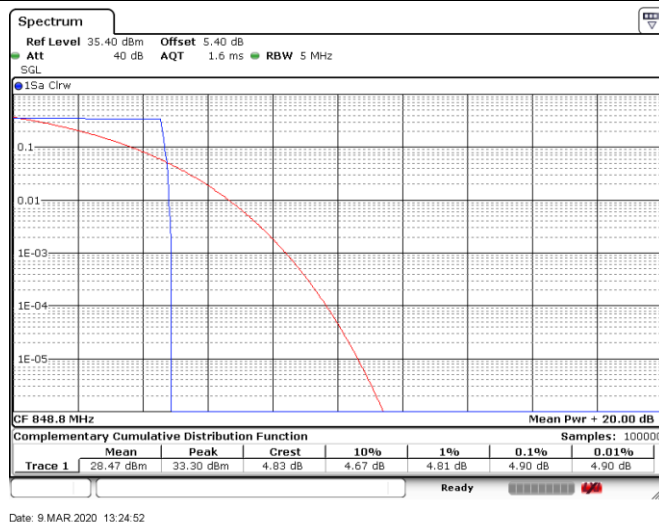
Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	4.96	13	PASS
GSM850	190	5.33	13	PASS
GSM850	251	4.90	13	PASS
EGPRS850	128	8.55	13	PASS
EGPRS850	190	8.46	13	PASS
EGPRS850	251	8.35	13	PASS
GSM1900	512	4.81	13	PASS
GSM1900	661	4.84	13	PASS
GSM1900	810	4.78	13	PASS
EGPRS1900	512	8.55	13	PASS
EGPRS1900	661	8.55	13	PASS
EGPRS1900	810	8.29	13	PASS

2.2. Part II - Test Plots



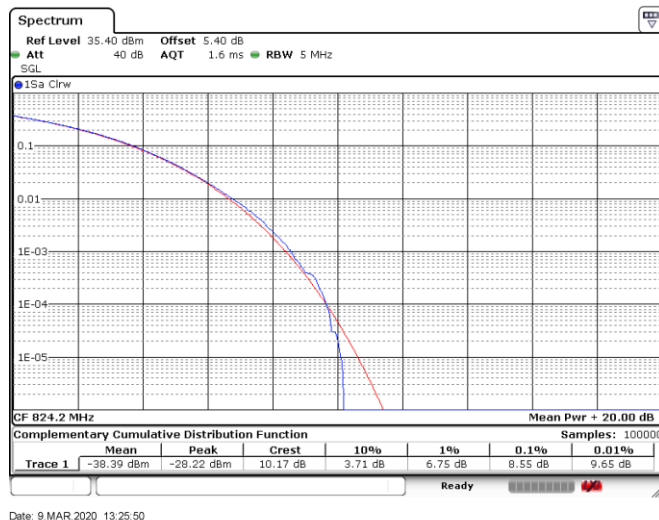


GSM850_251

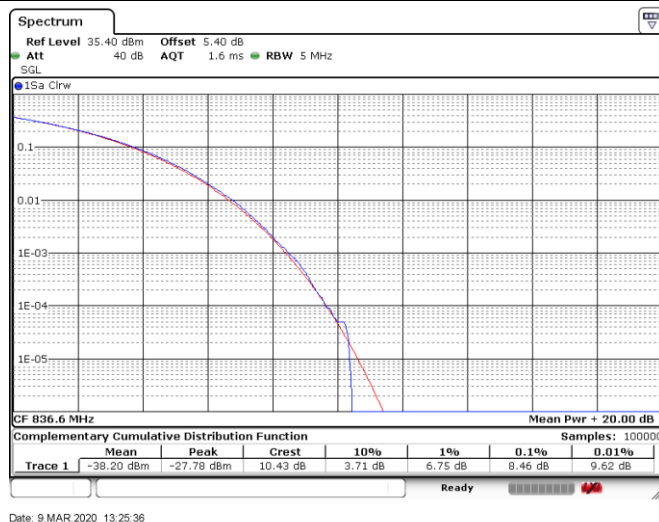


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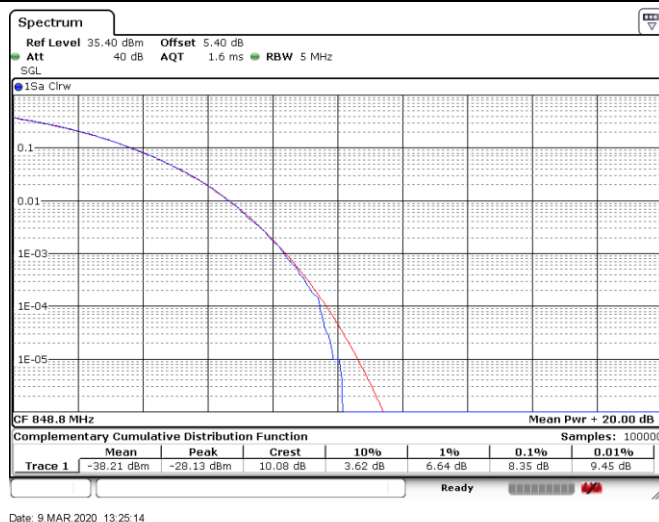


EGPRS850_190

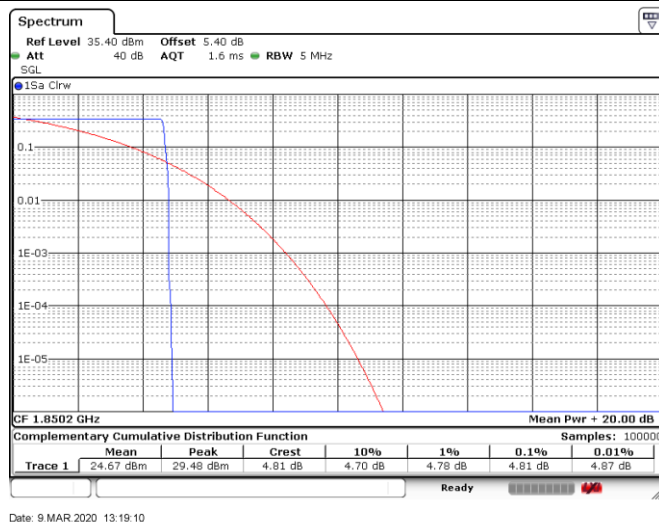


EGPRS850_251





GSM1900_512



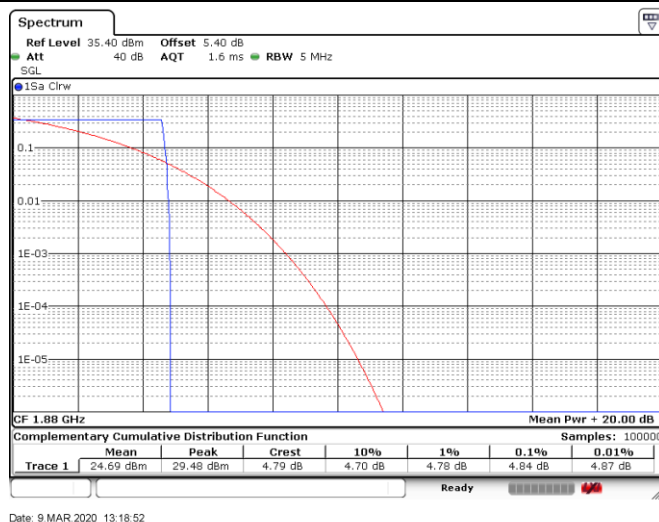
GSM1900_661



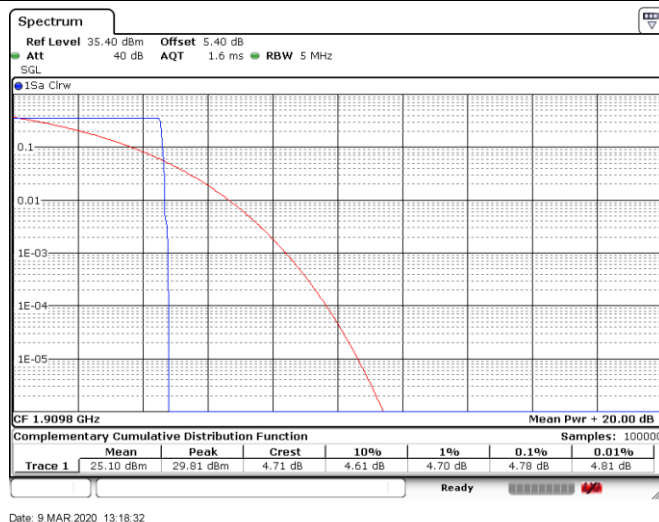
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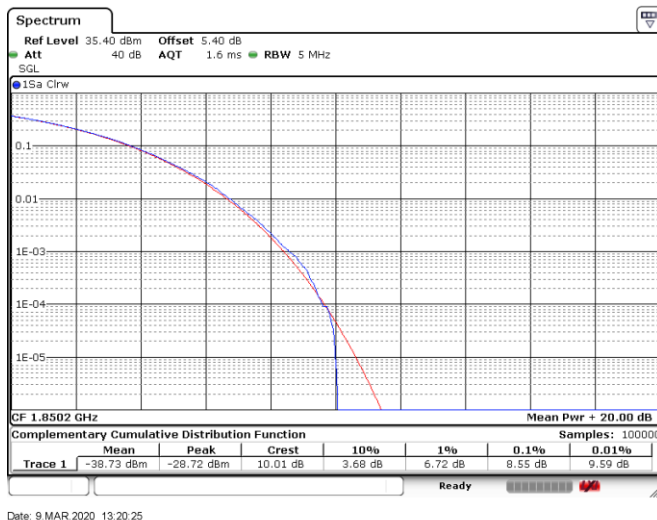


GSM1900_810

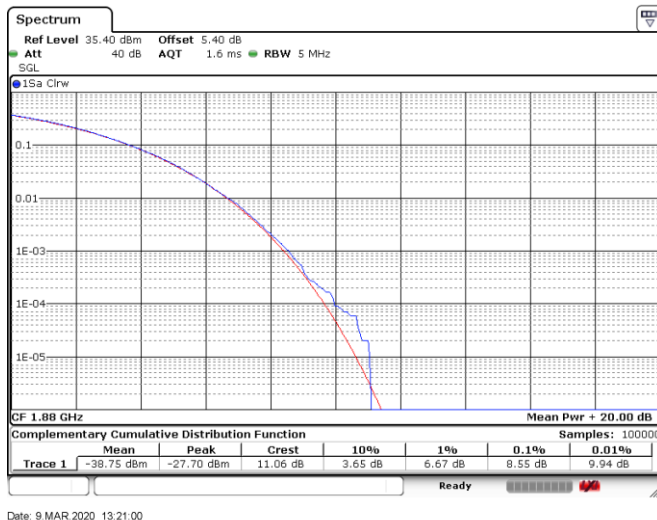


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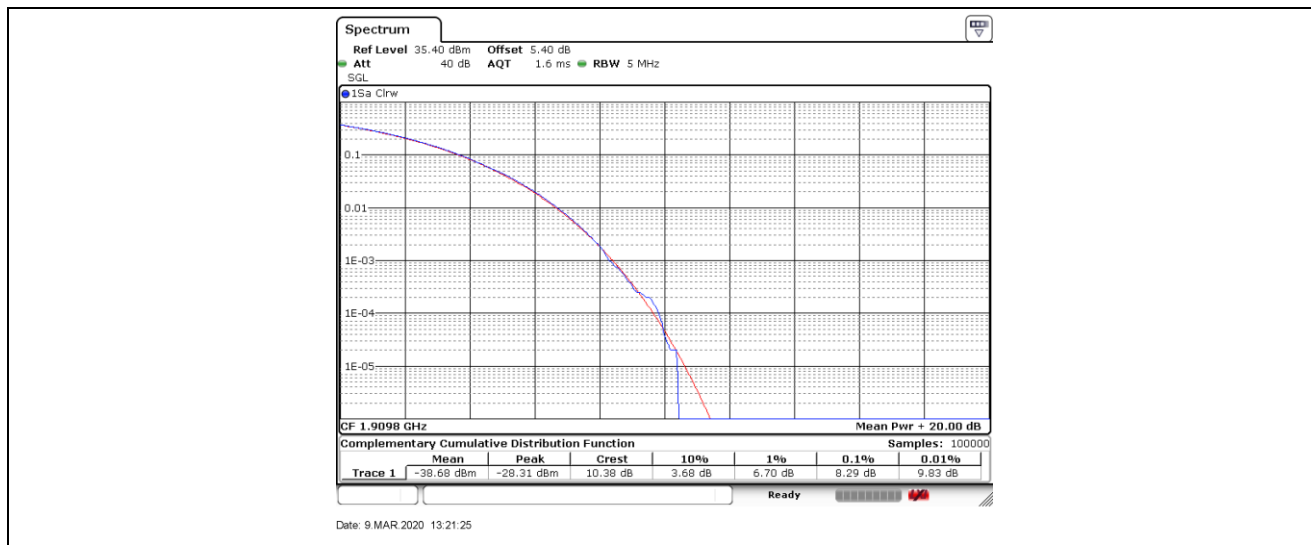


EGPRS1900_661



EGPRS1900_810





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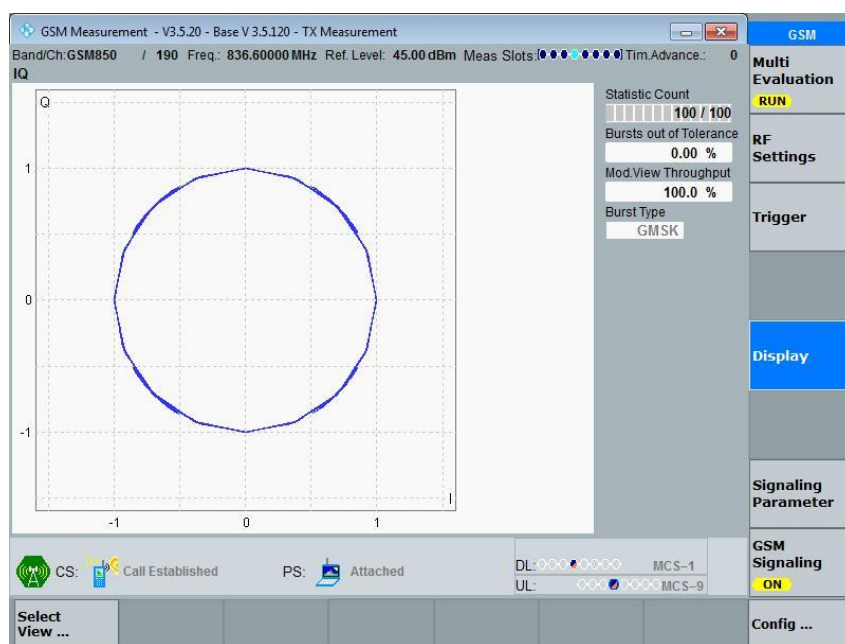
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

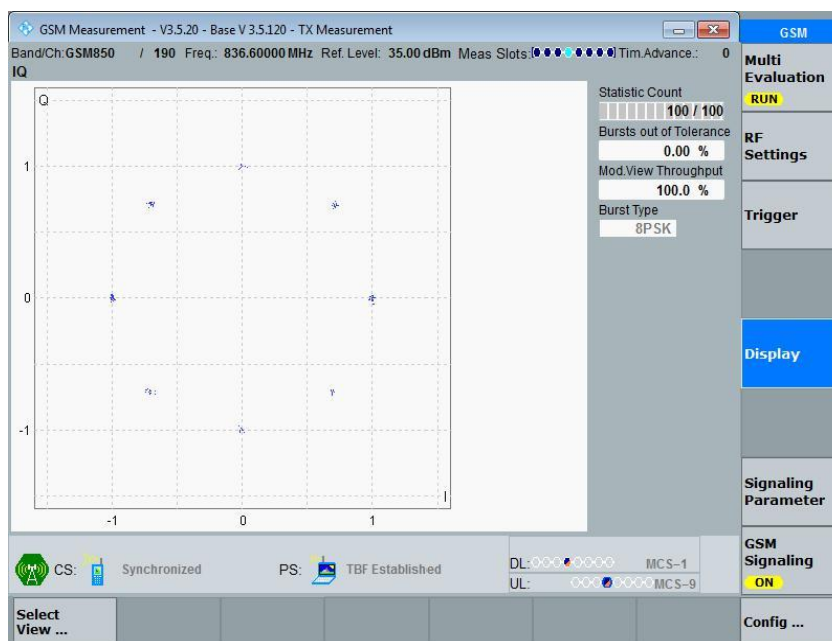
3.1.1.1.1. Test Channel = MCH





3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



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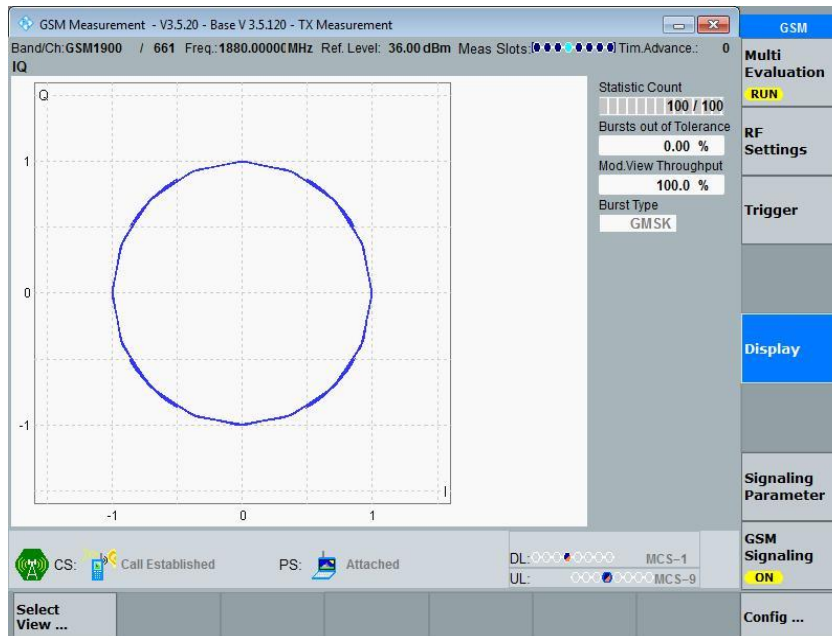
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3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

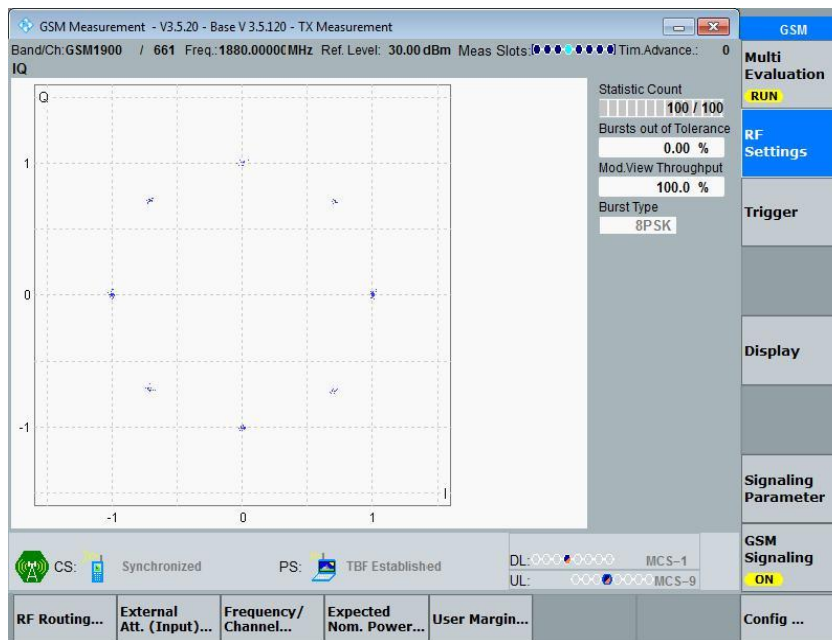
3.1.2.1.1. Test Channel = MCH





3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



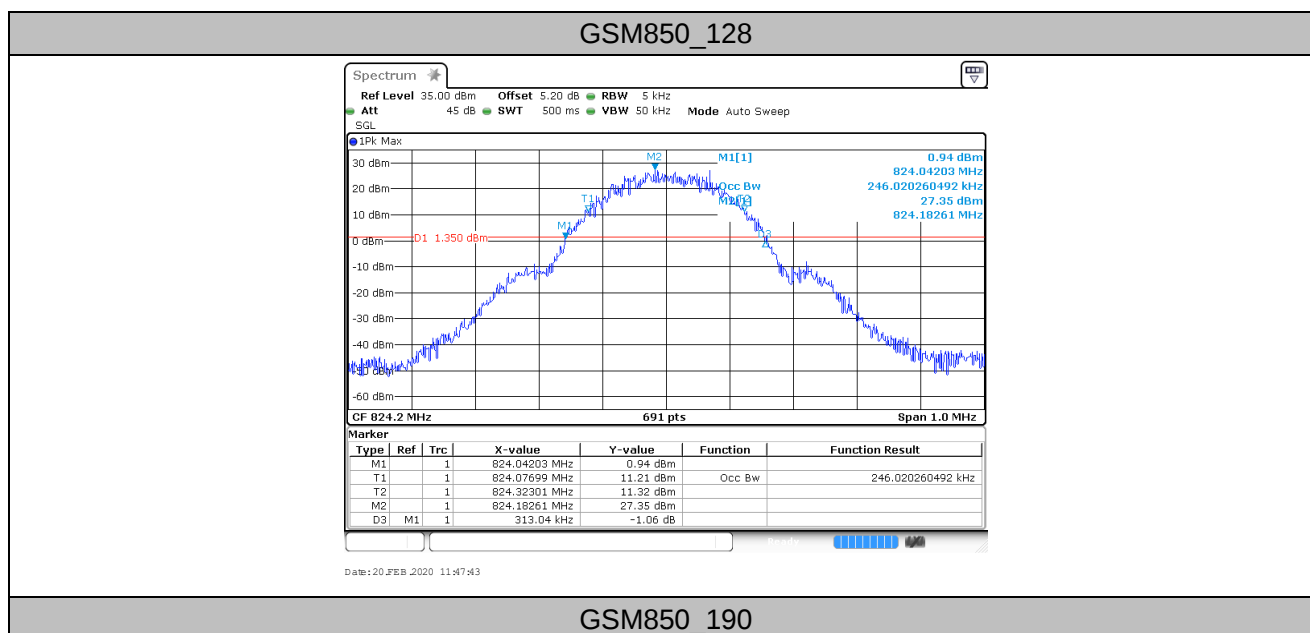


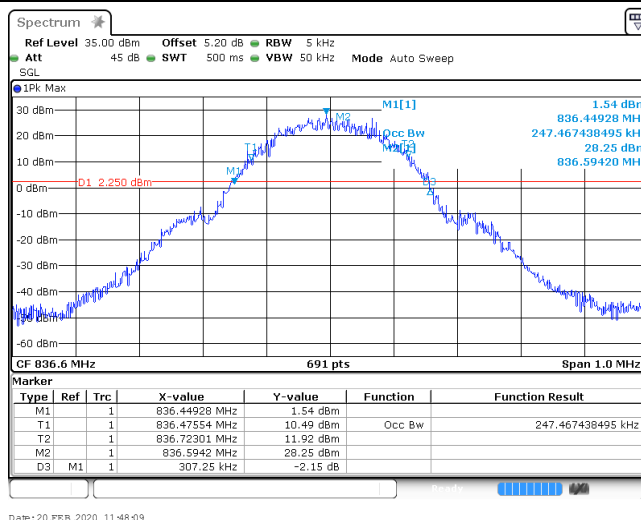
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

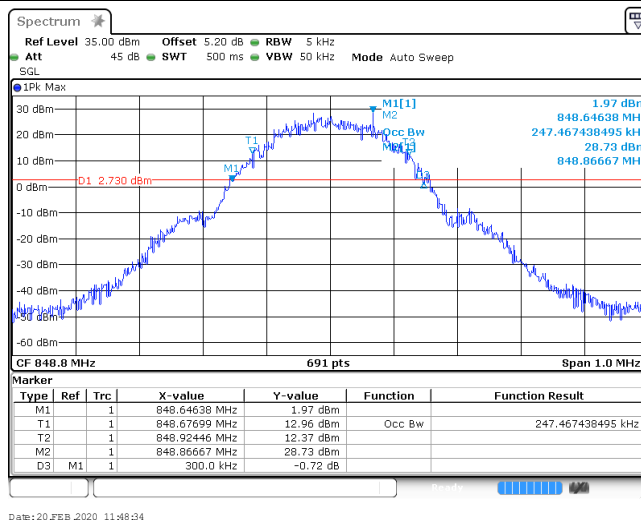
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	246.02	313.04	---	PASS
GSM850	190	247.47	307.25	---	PASS
GSM850	251	247.47	300.00	---	PASS
EGPRS850	128	247.47	291.30	---	PASS
EGPRS850	190	250.36	304.35	---	PASS
EGPRS850	251	250.36	298.55	---	PASS
GSM1900	512	244.57	295.65	---	PASS
GSM1900	661	244.57	295.65	---	PASS
GSM1900	810	243.13	310.14	---	PASS
EGPRS1900	512	246.02	294.20	---	PASS
EGPRS1900	661	247.47	310.14	---	PASS
EGPRS1900	810	248.91	304.35	---	PASS

4.2. Test Plots



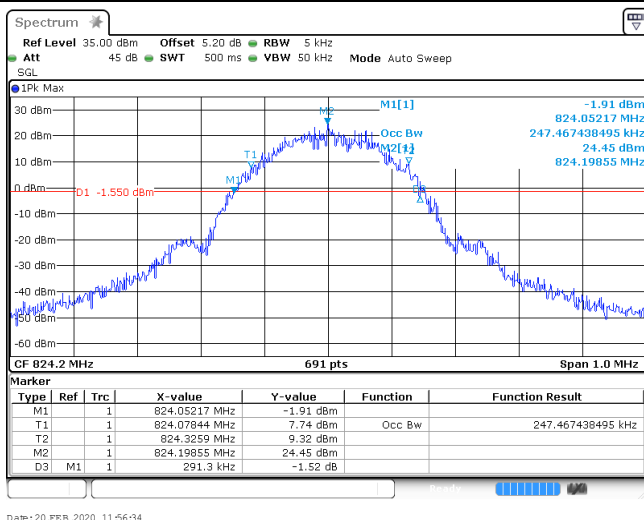


GSM850_251

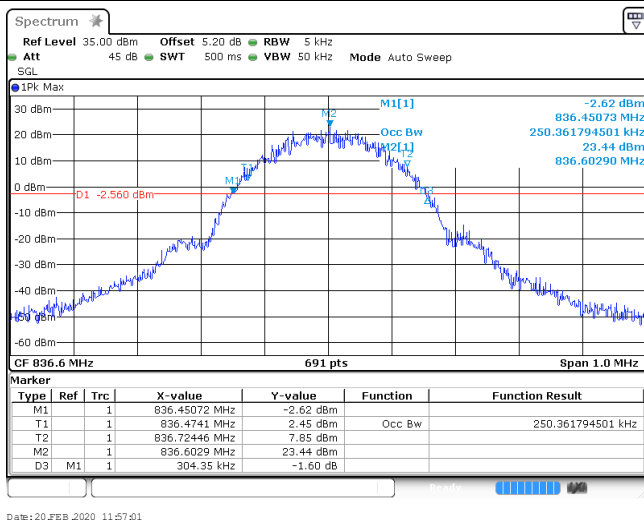


EGPRS850_128



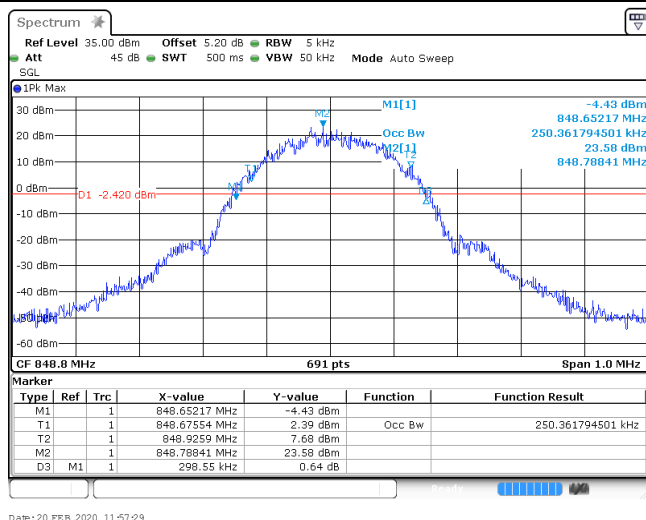


EGPRS850_190

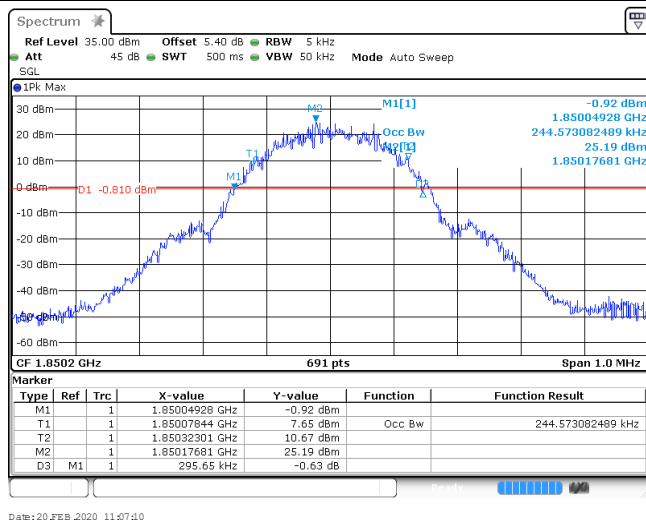


EGPRS850_251



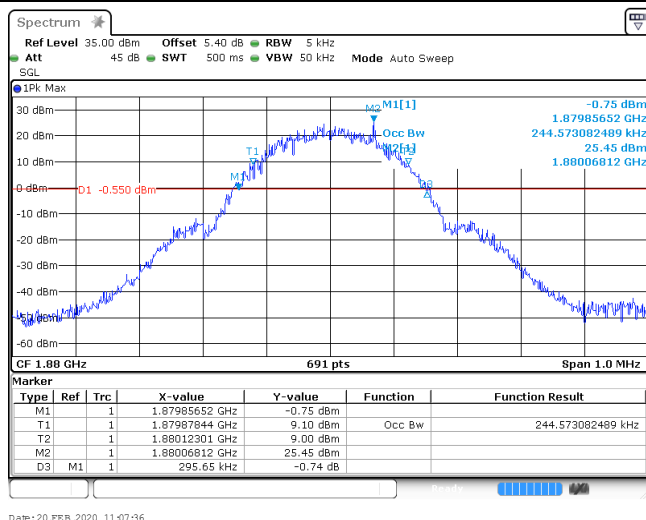


GSM1900_512

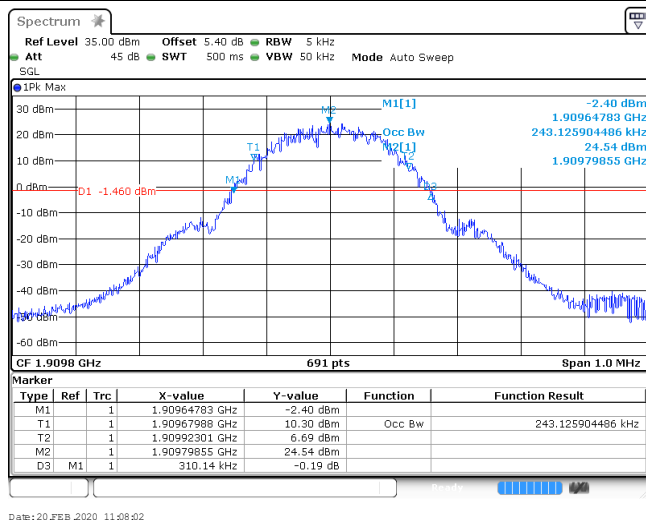


GSM1900_661



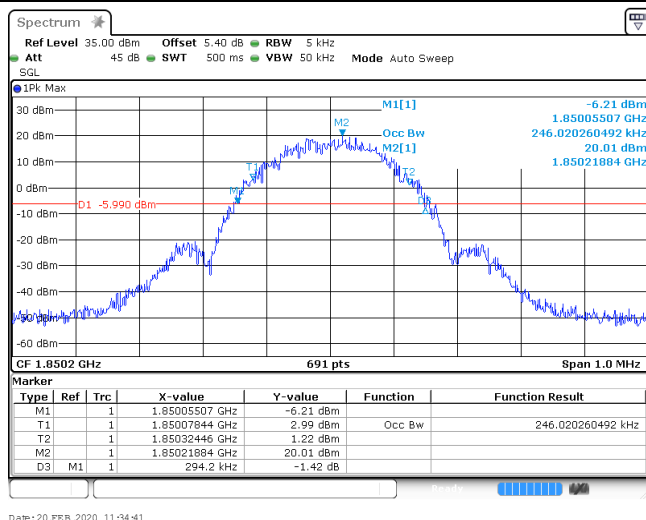


GSM1900_810

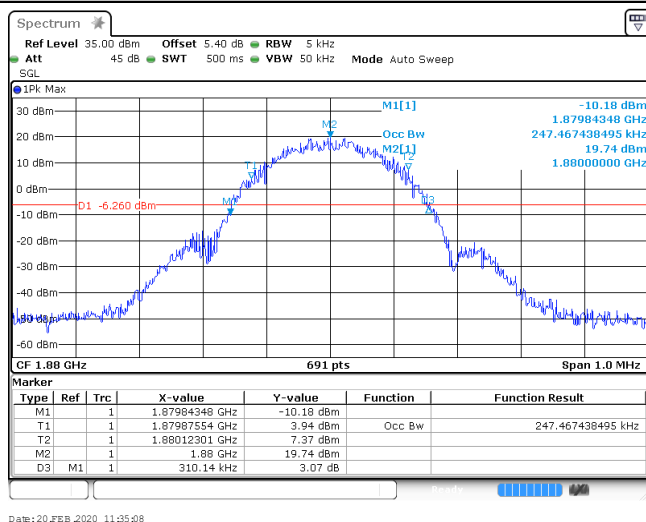


EGPRS1900_512



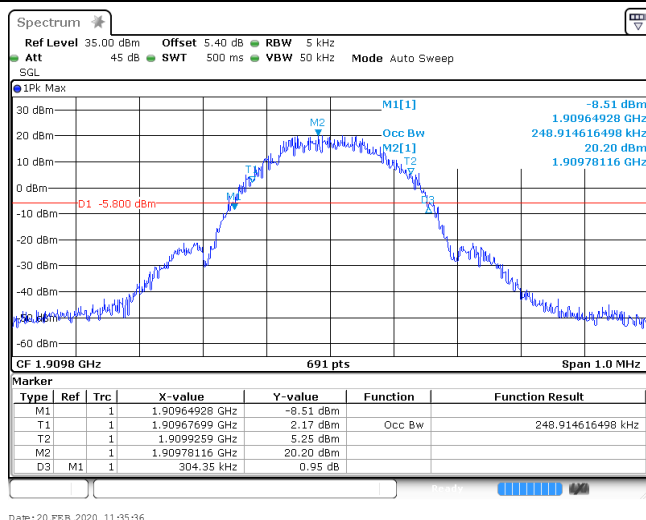


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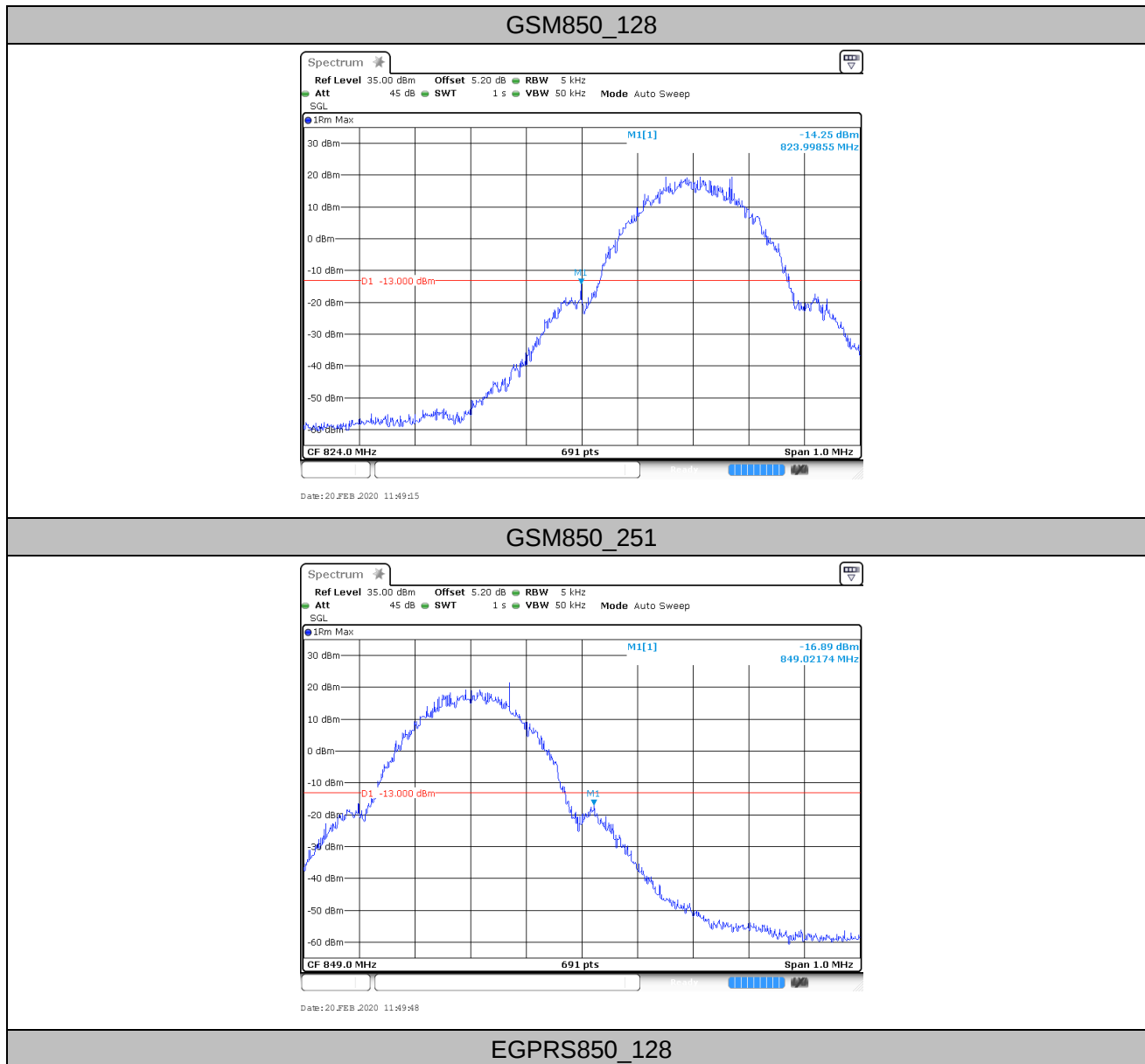
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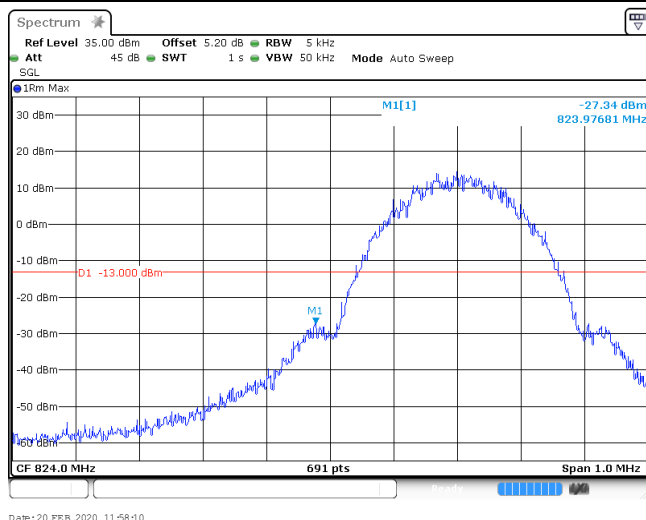




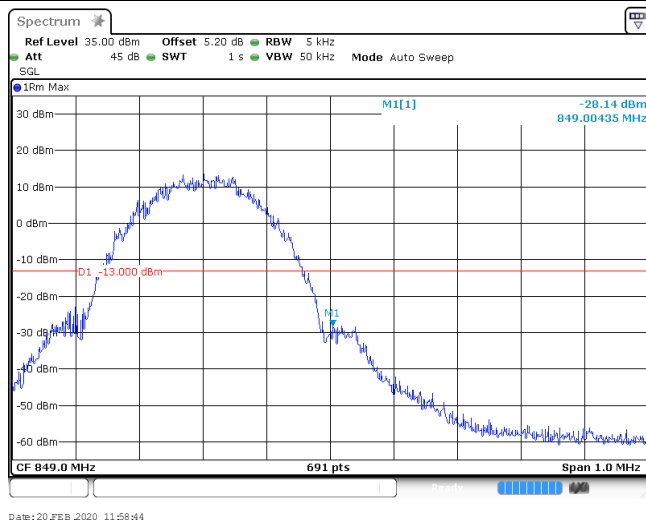
5. Band Edge Compliance

5.1. Test Plots



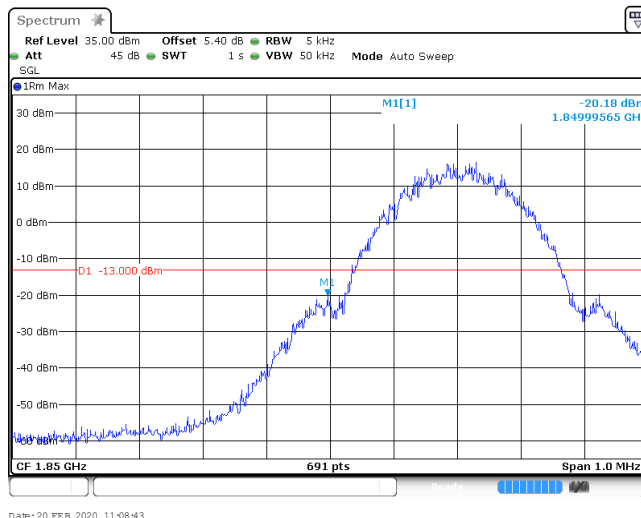


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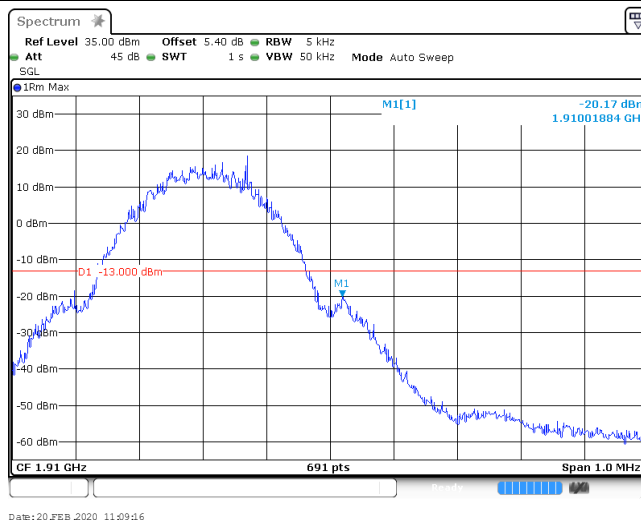


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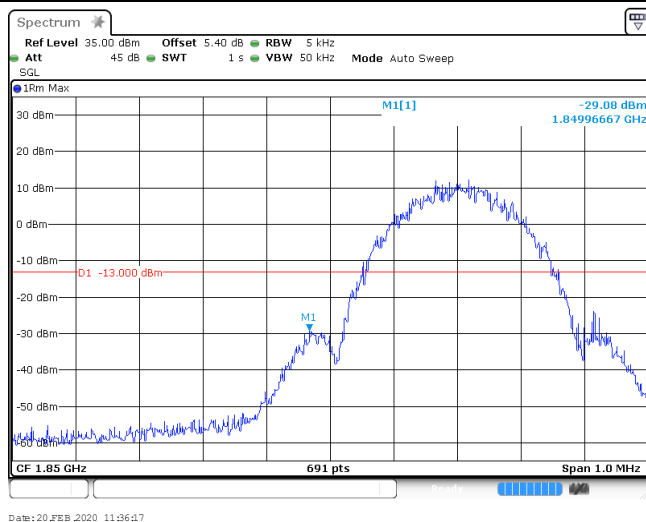


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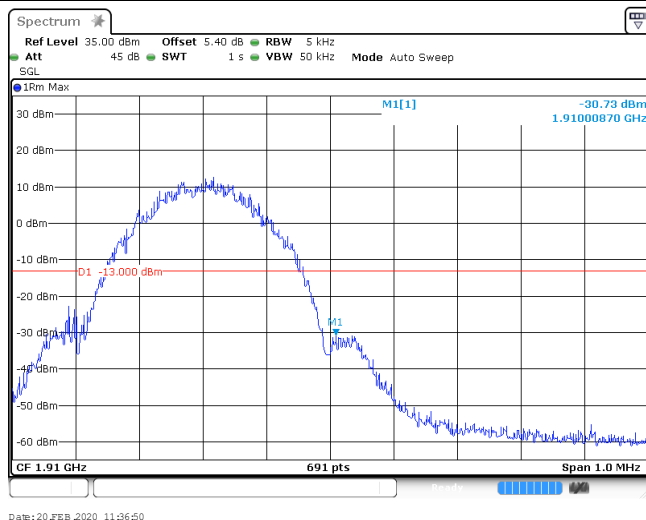


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EGPRS1900_810



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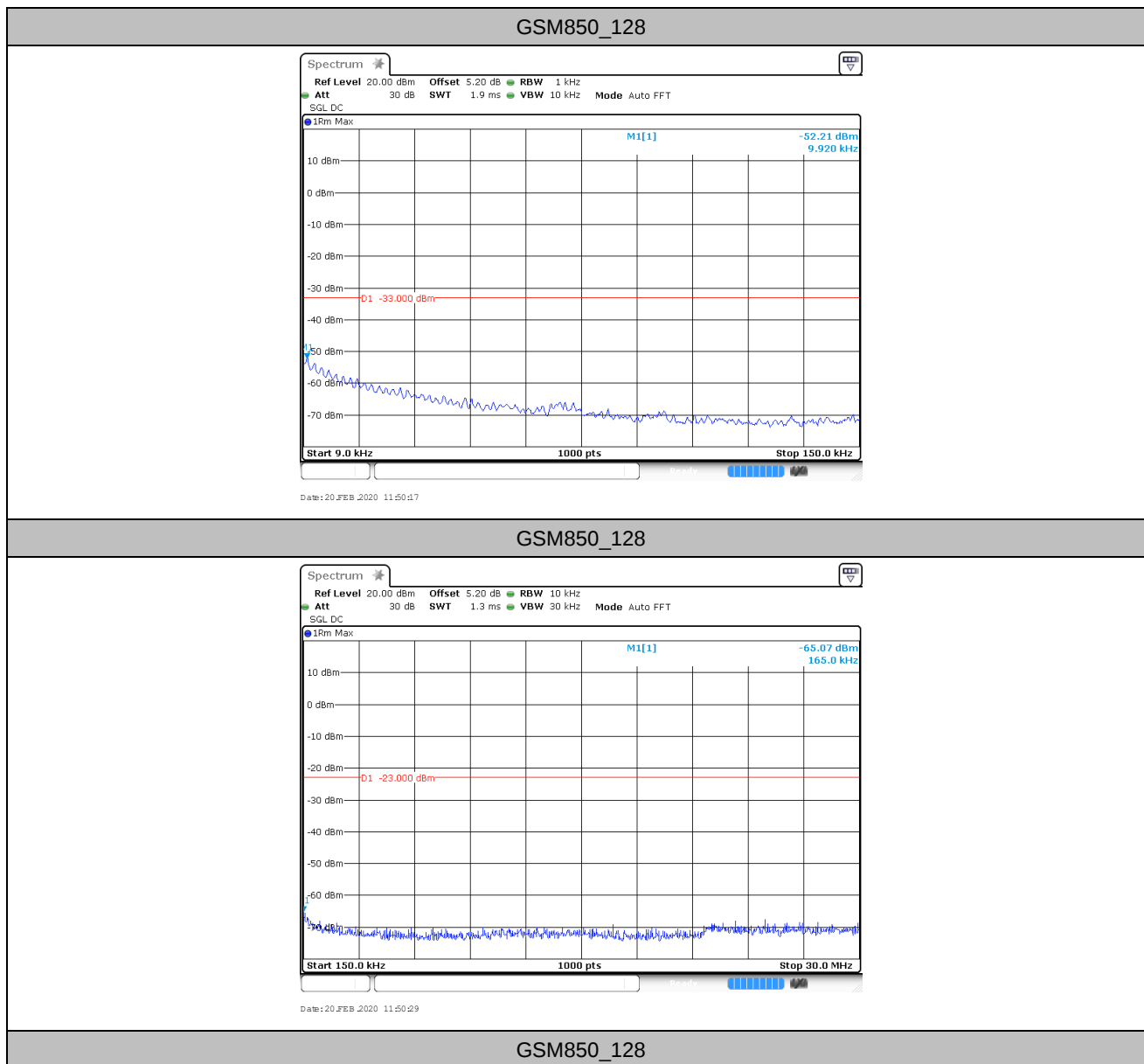


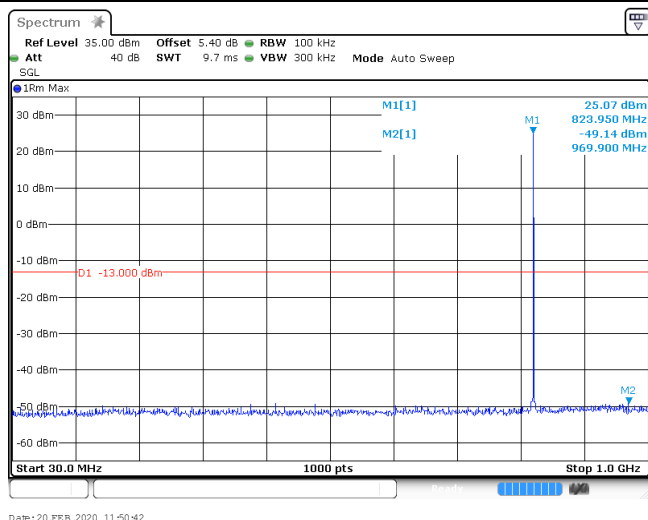
6. Spurious Emission at Antenna Terminal

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.

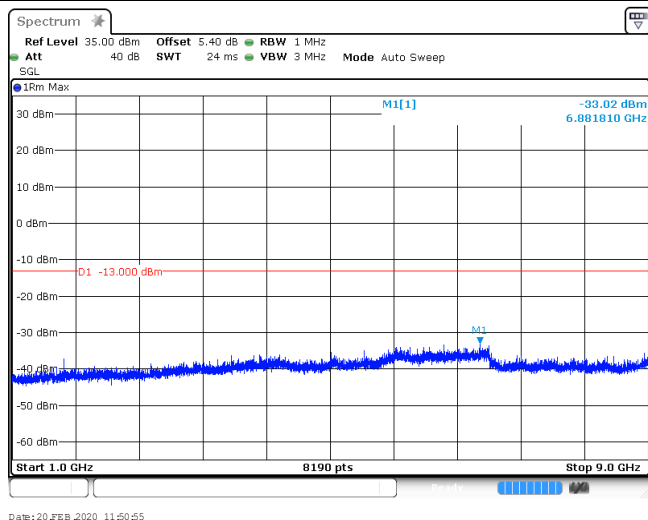
Remark2: only the worst case data displayed in this report.

6.1. Test Plots





GSM850_128

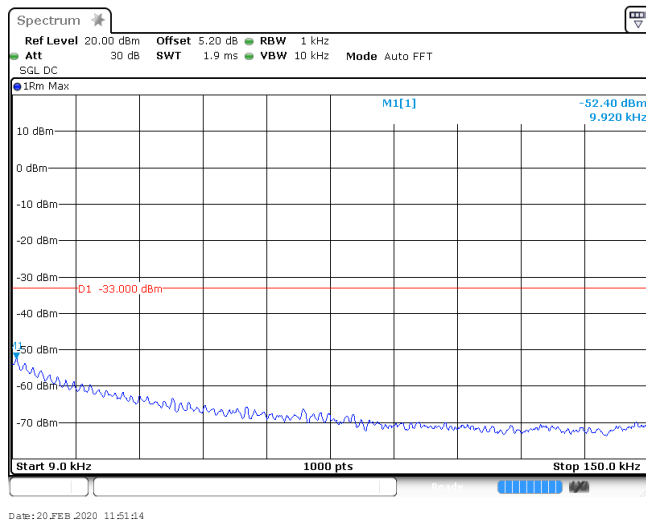


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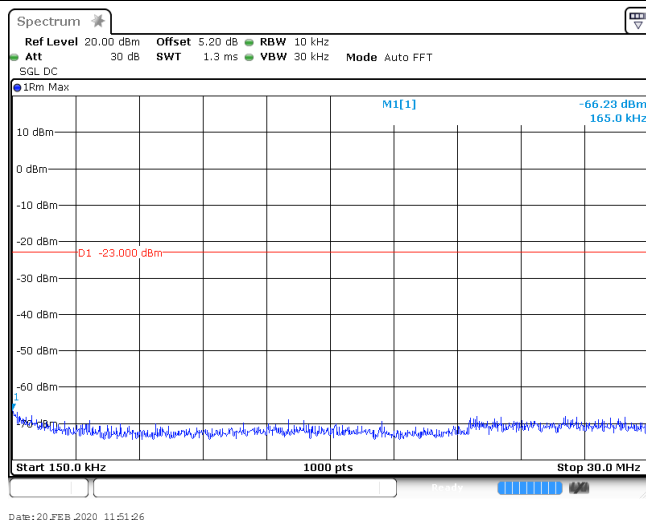


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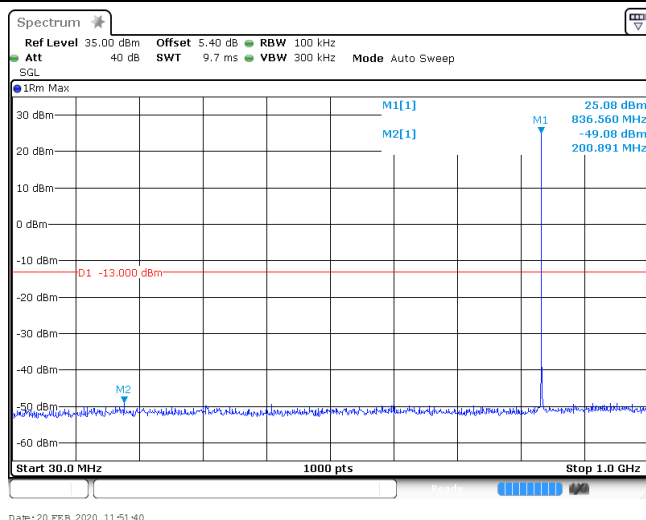


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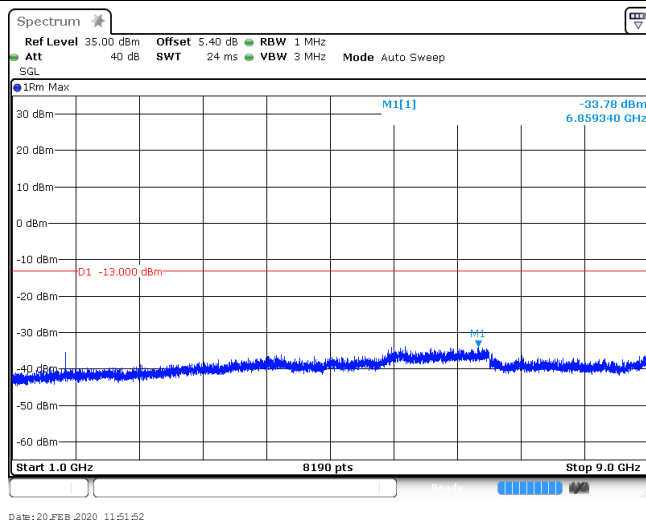
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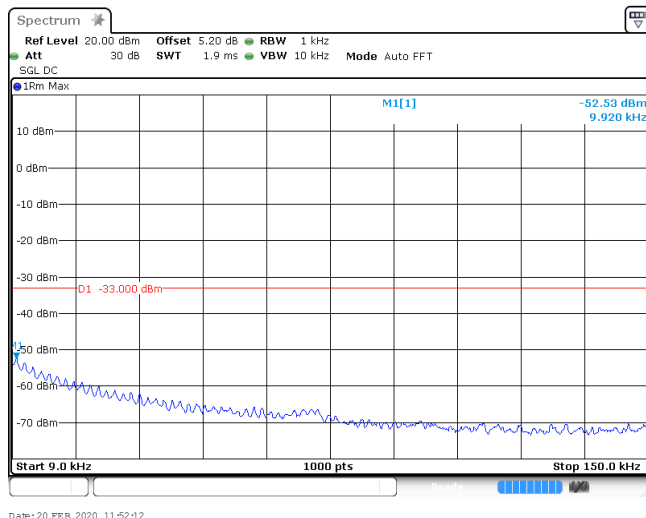
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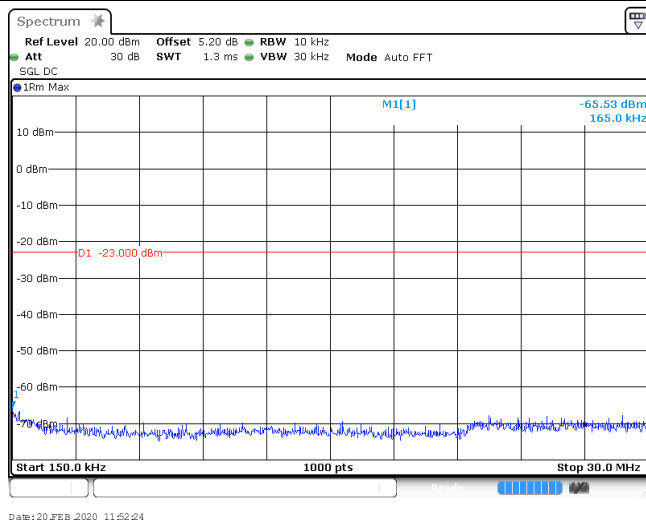
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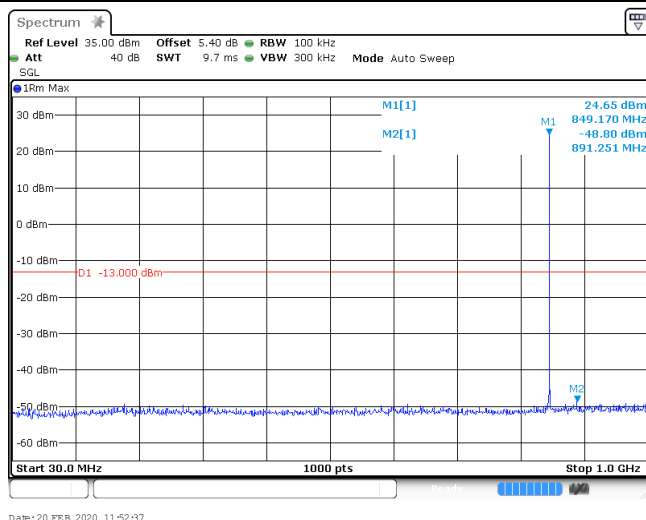
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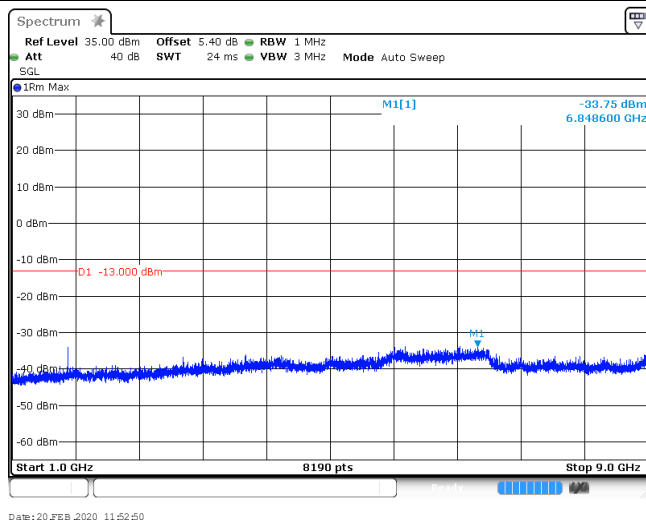
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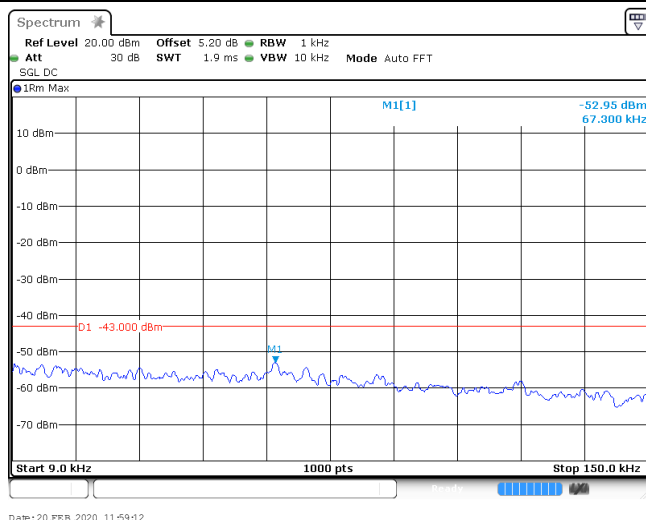


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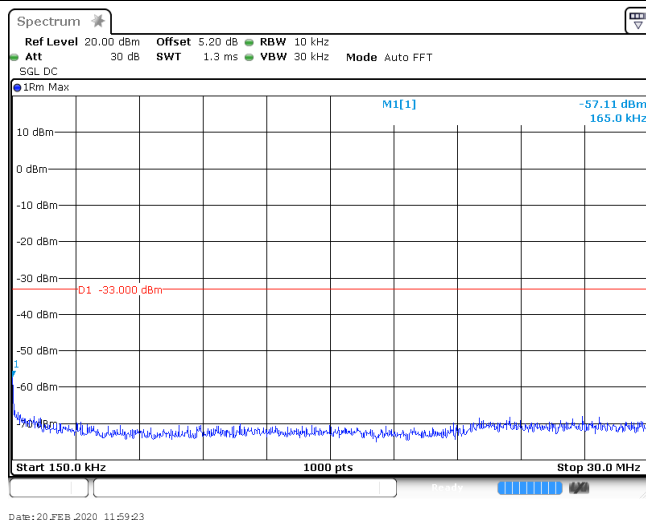


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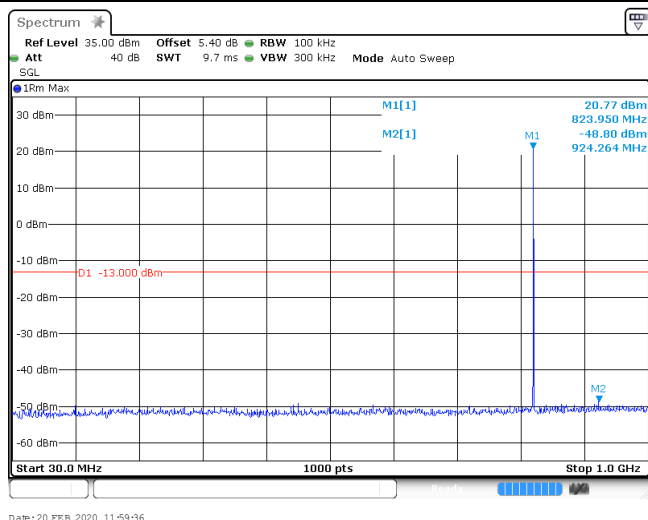


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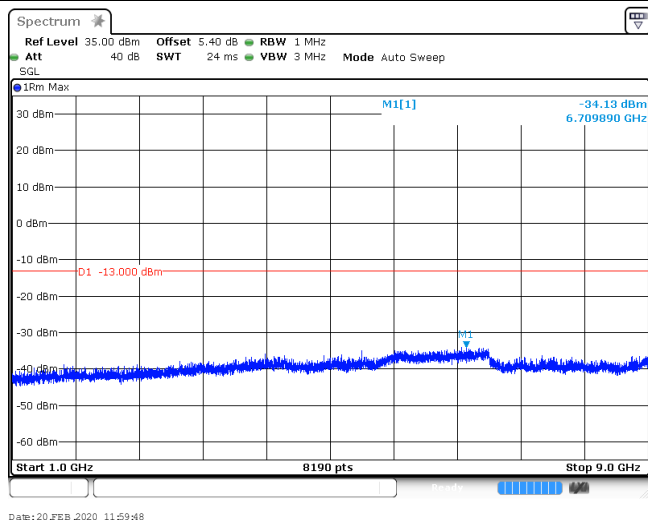


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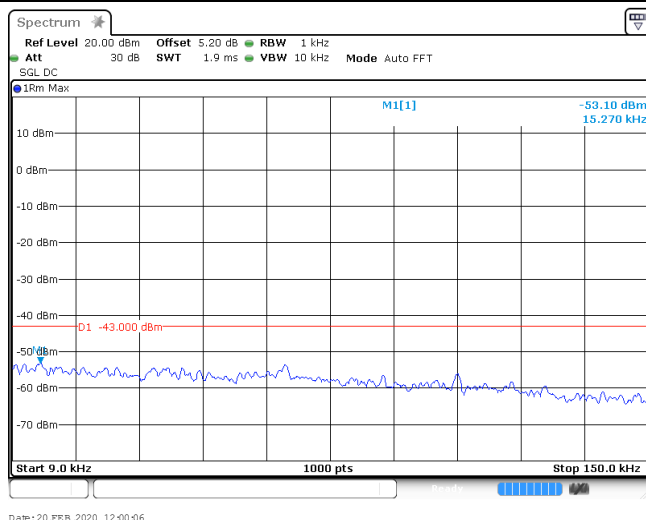


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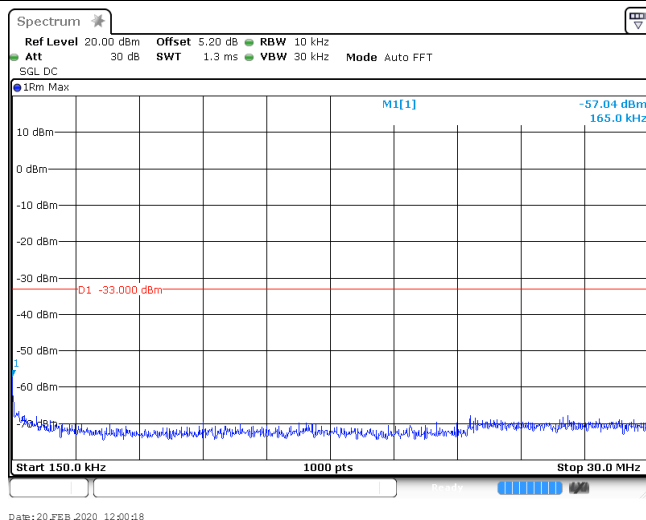
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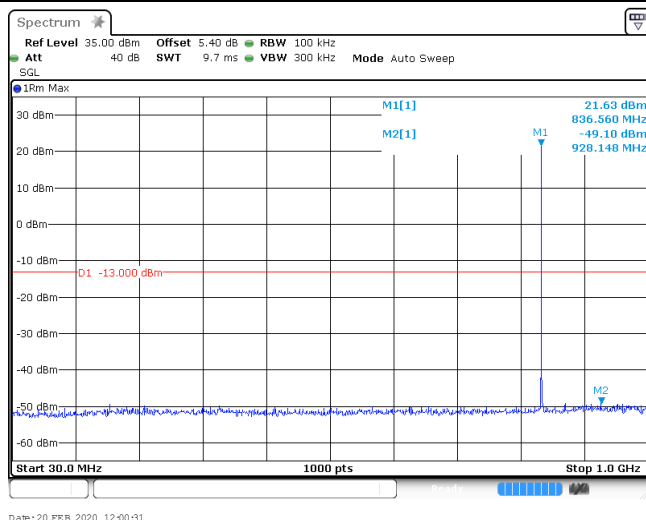
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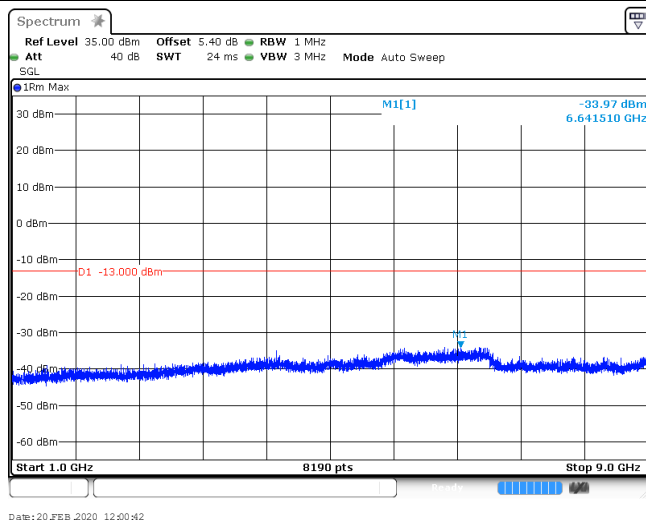
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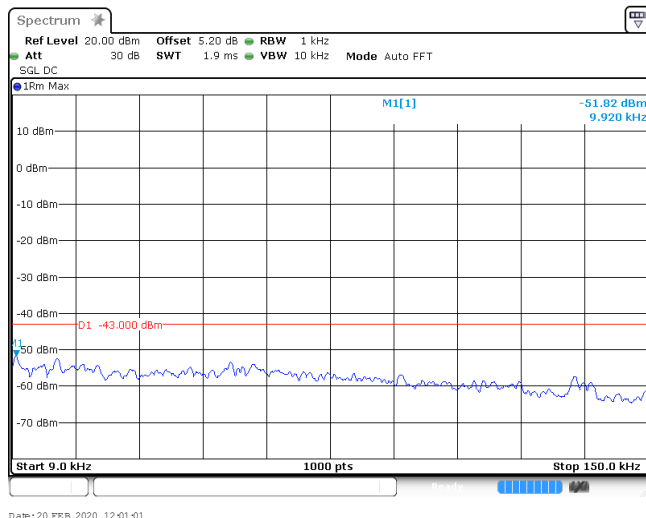
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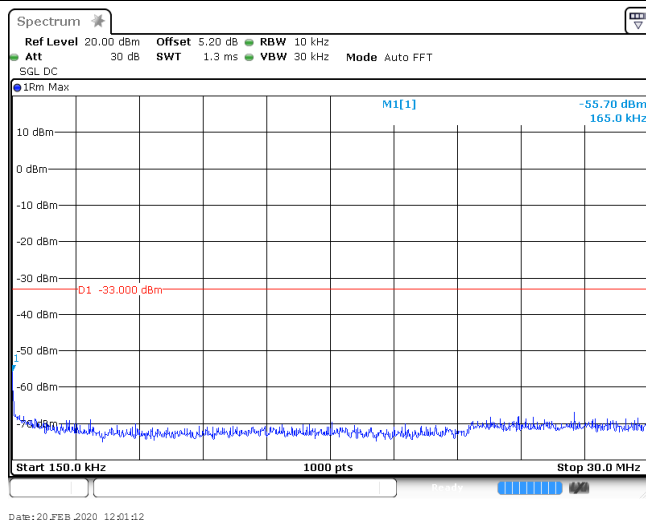


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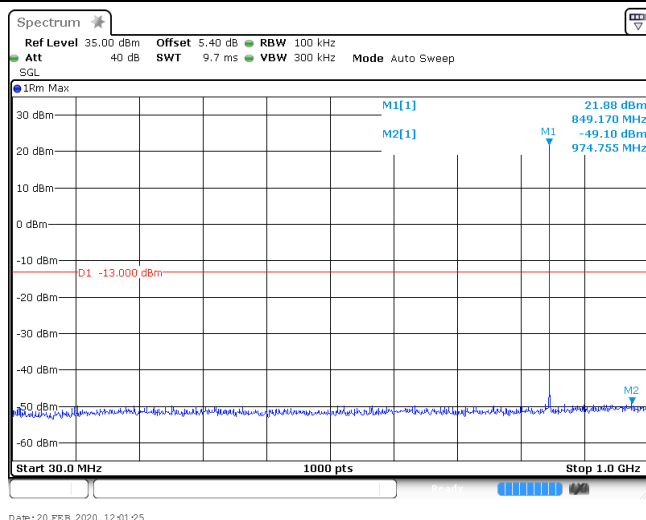


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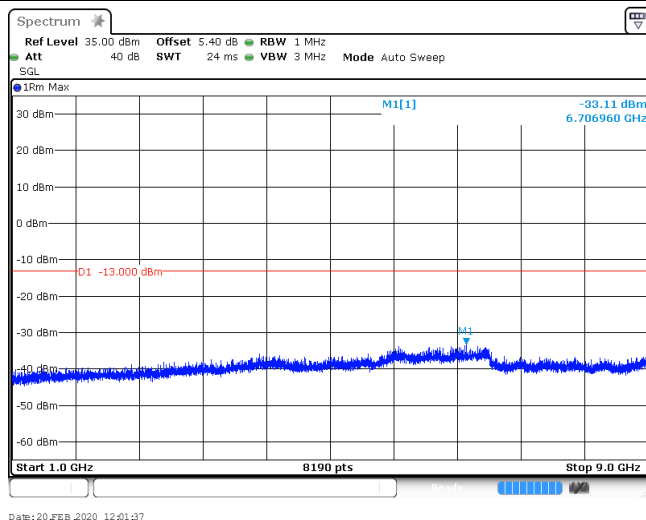


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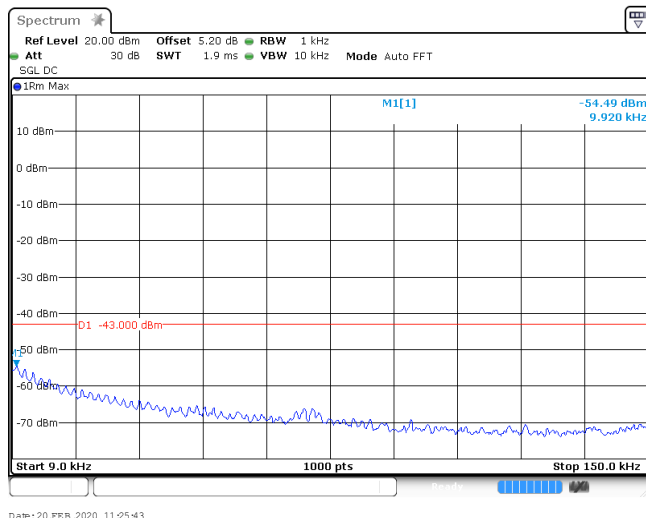


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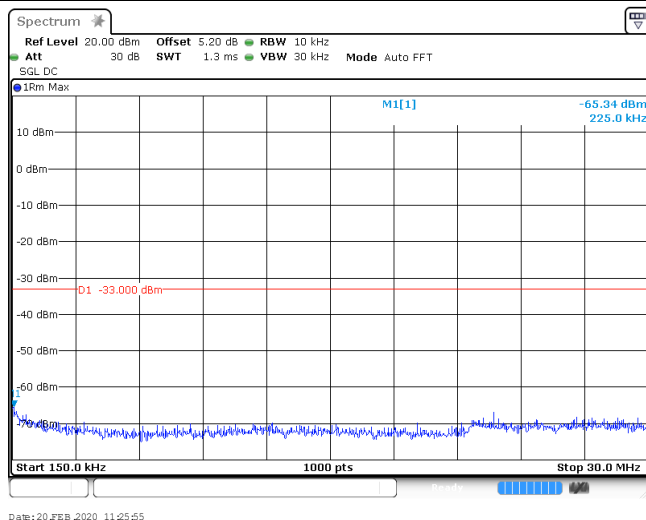
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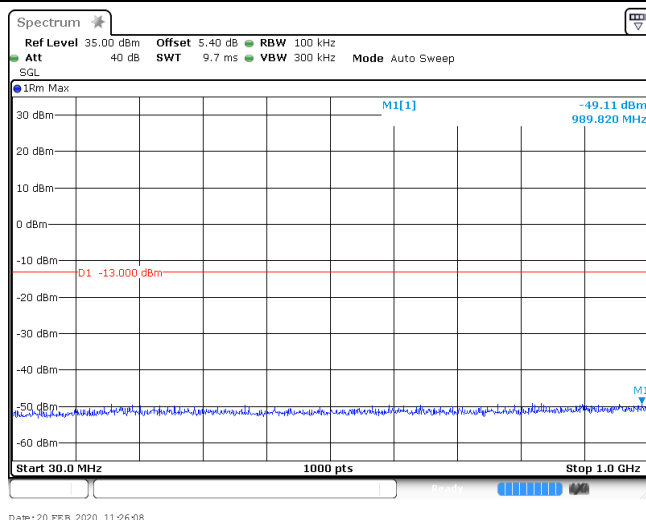


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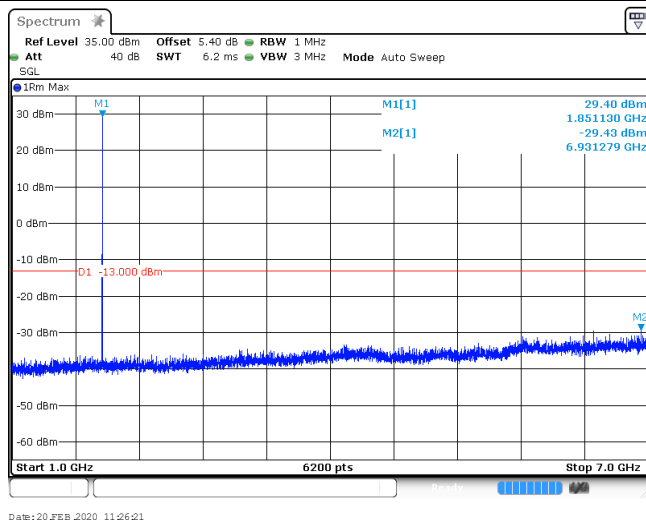
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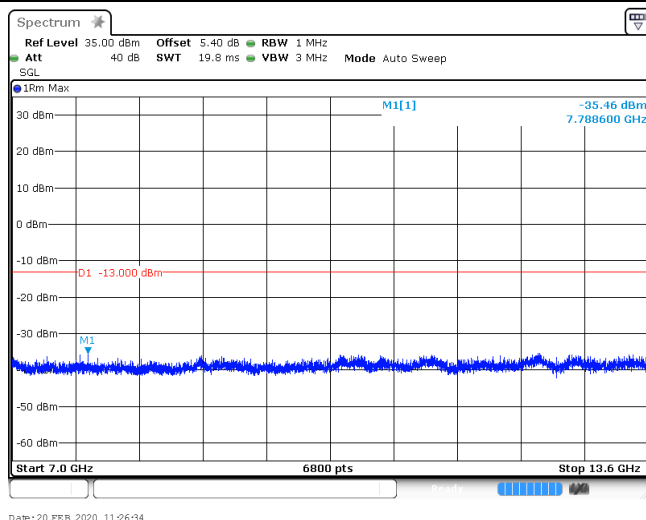


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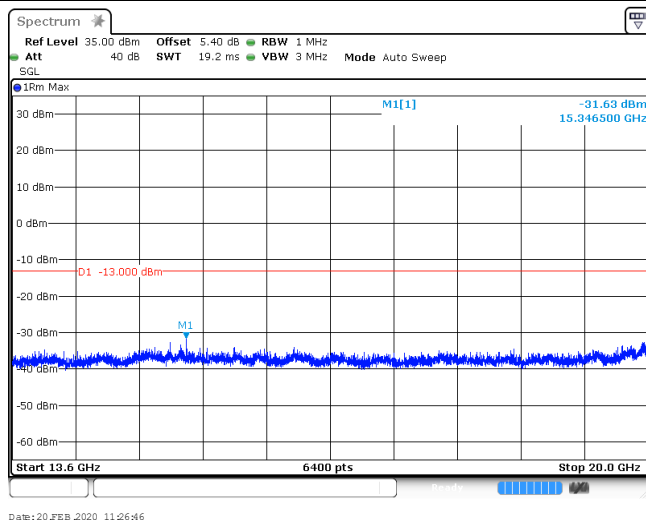


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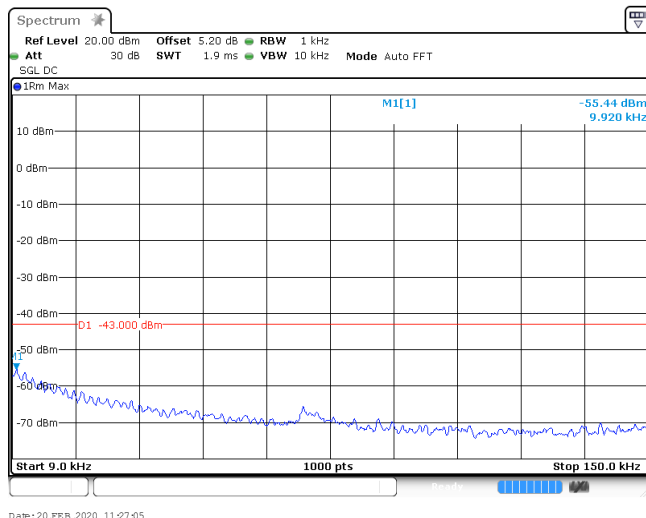


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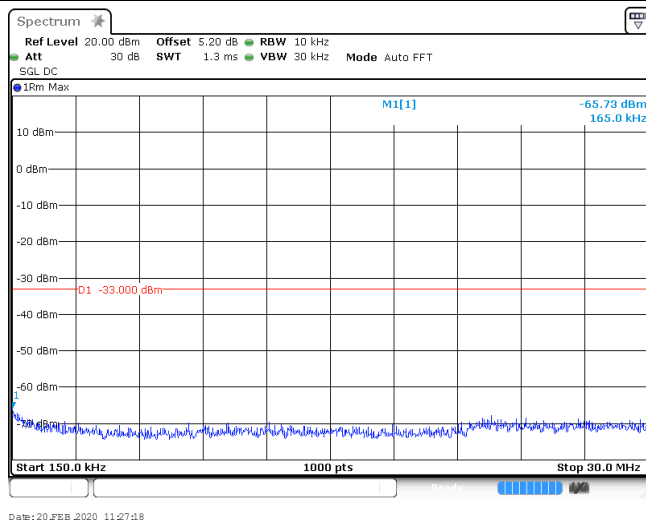


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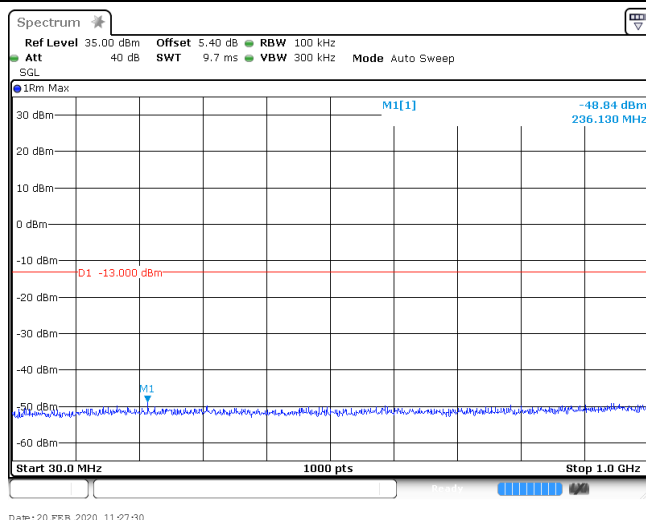


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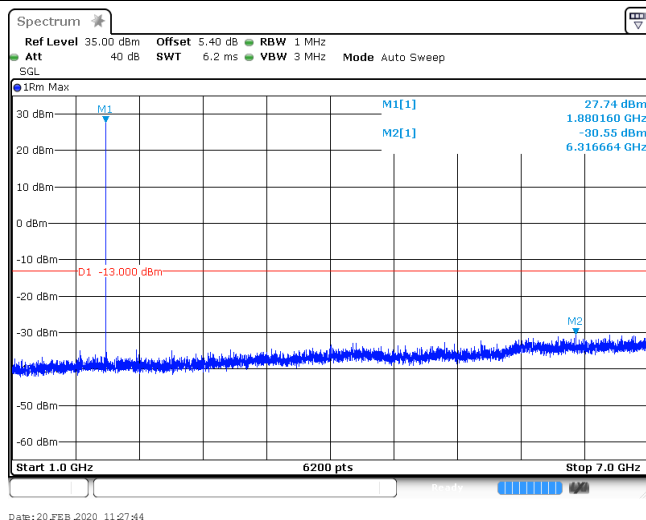
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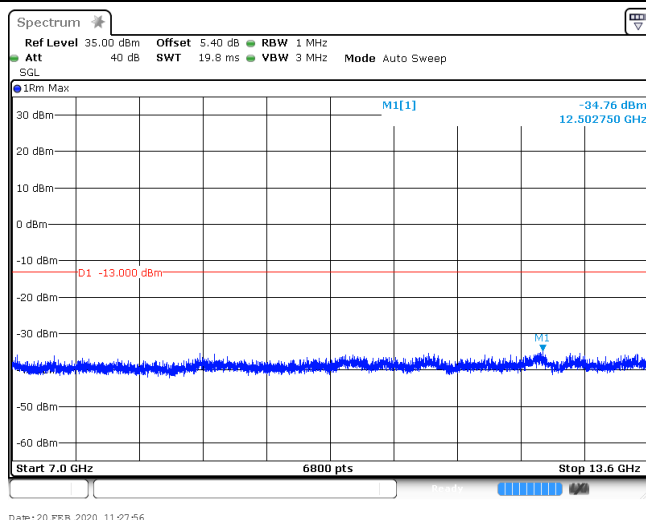
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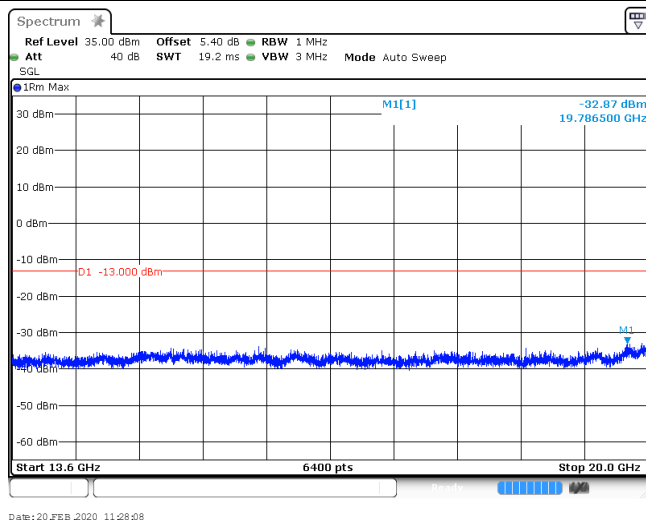
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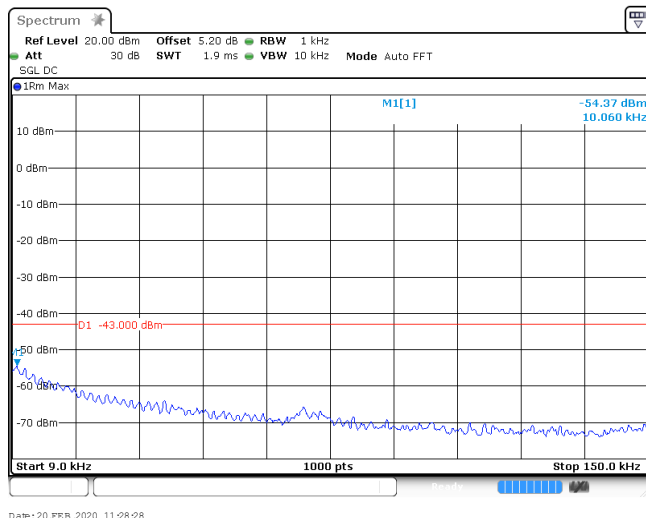


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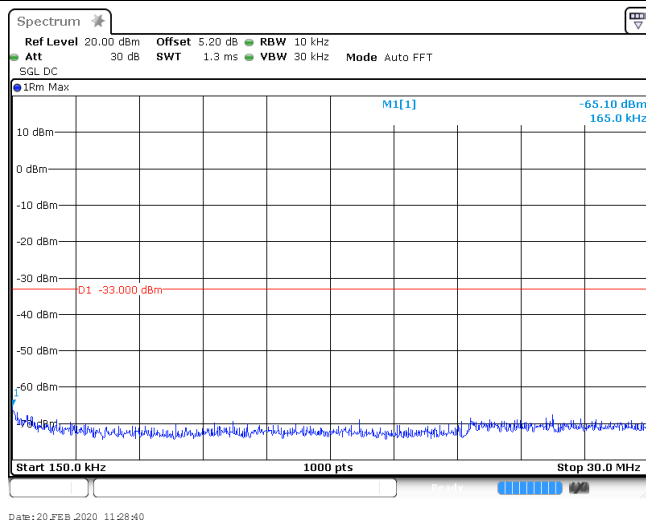


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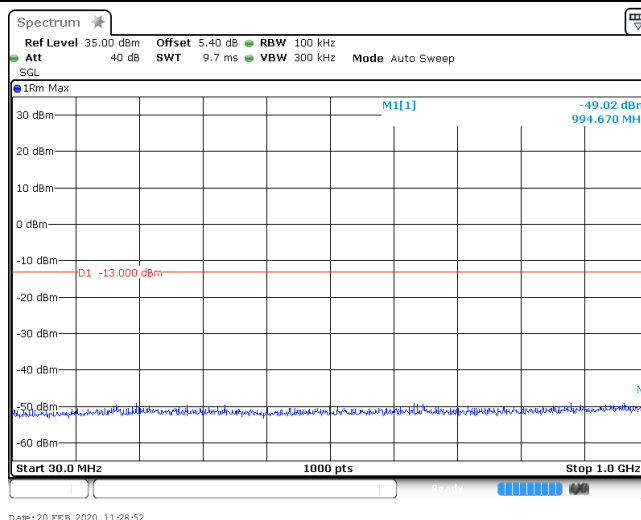


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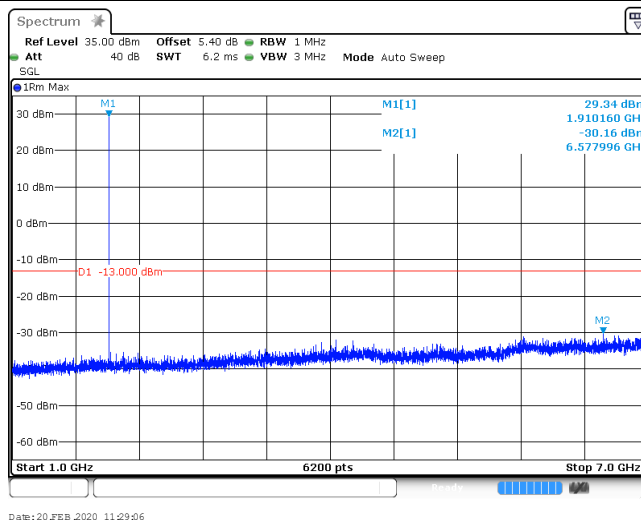


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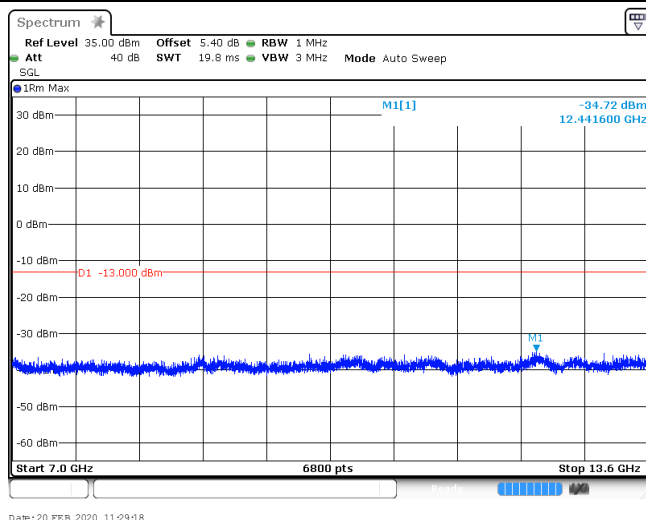


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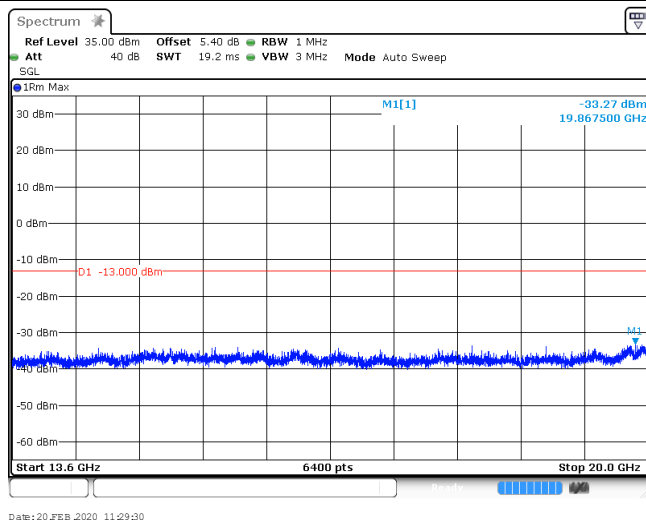


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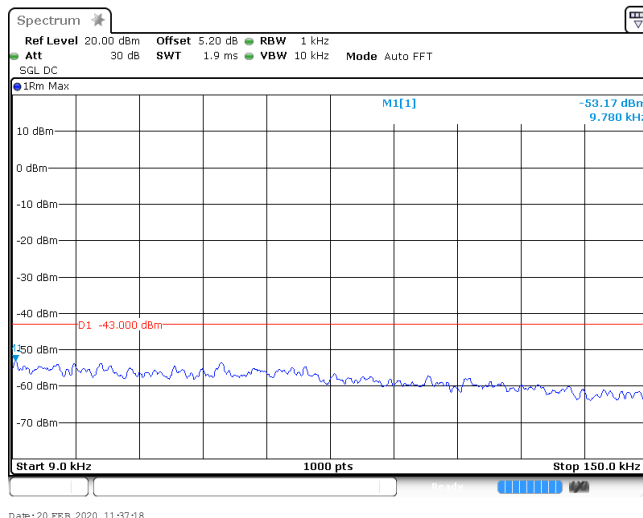
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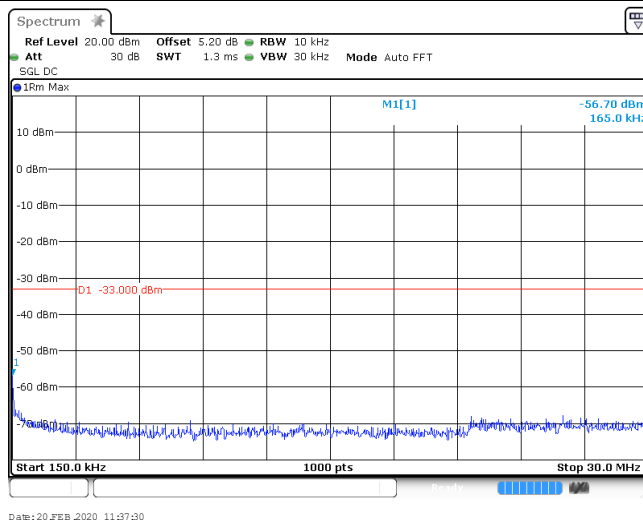
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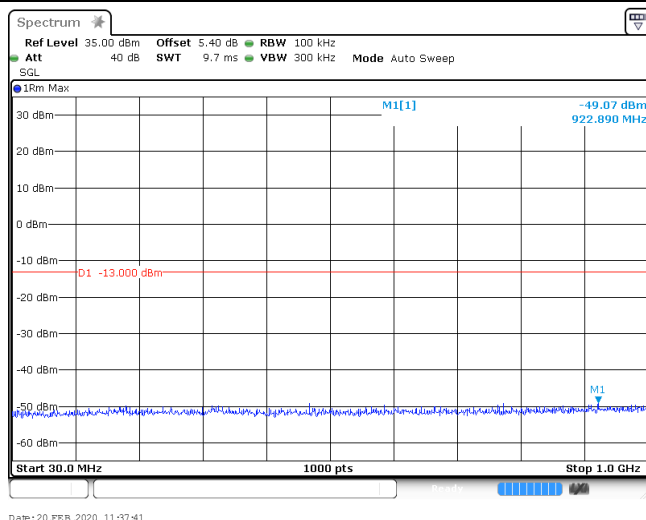


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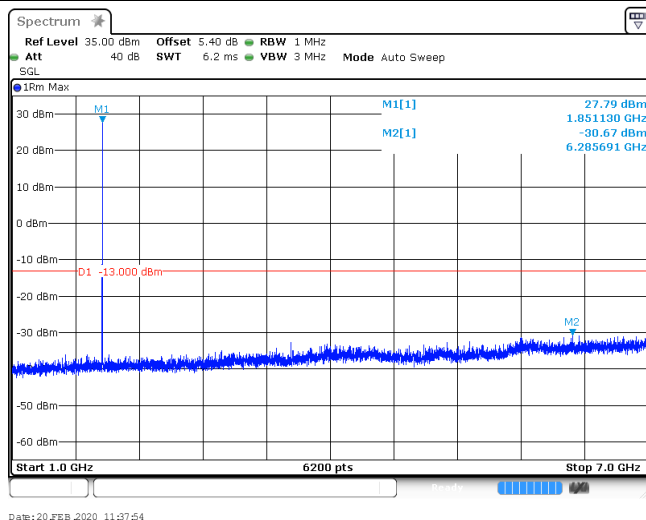
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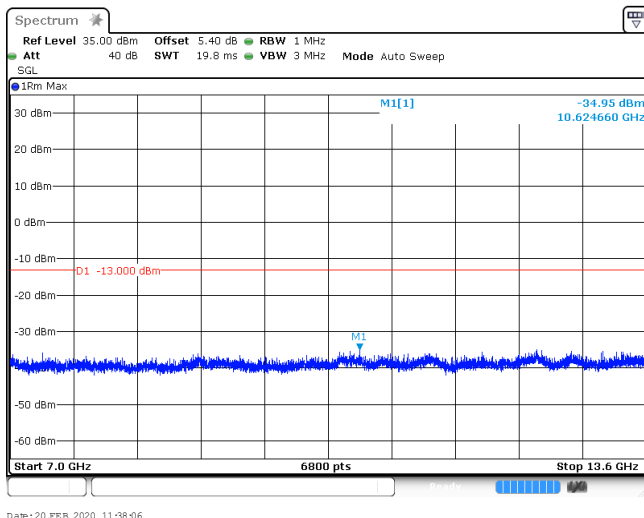


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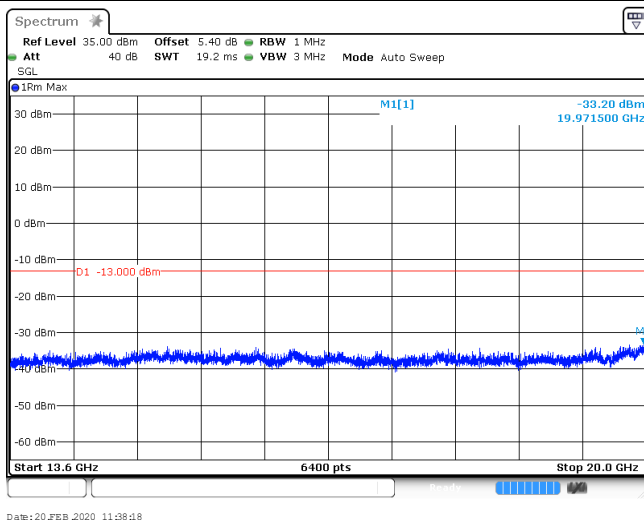
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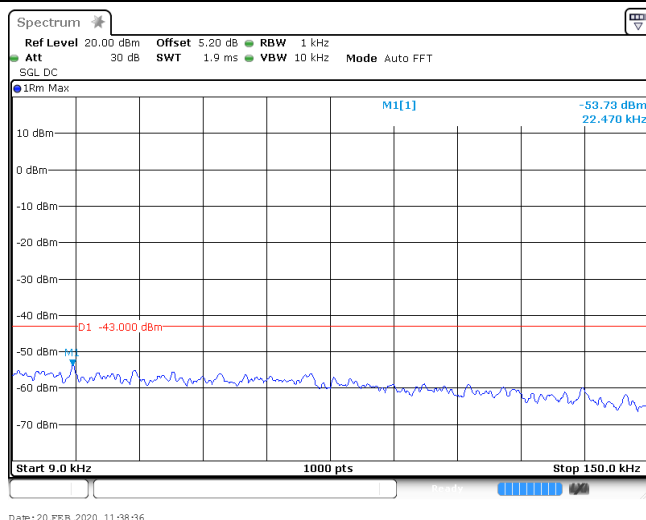


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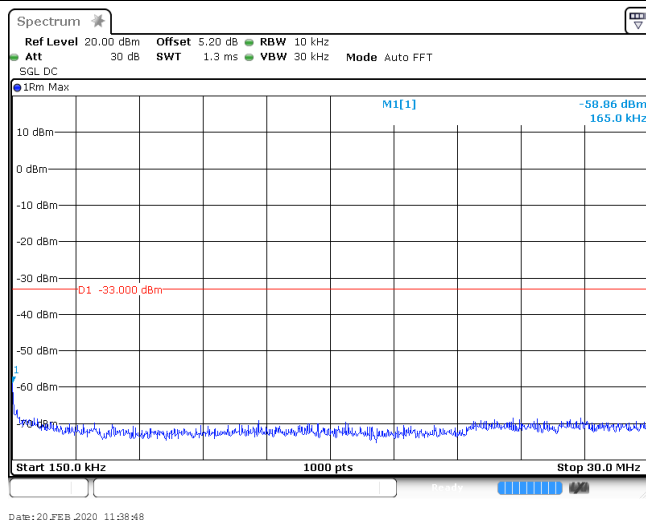


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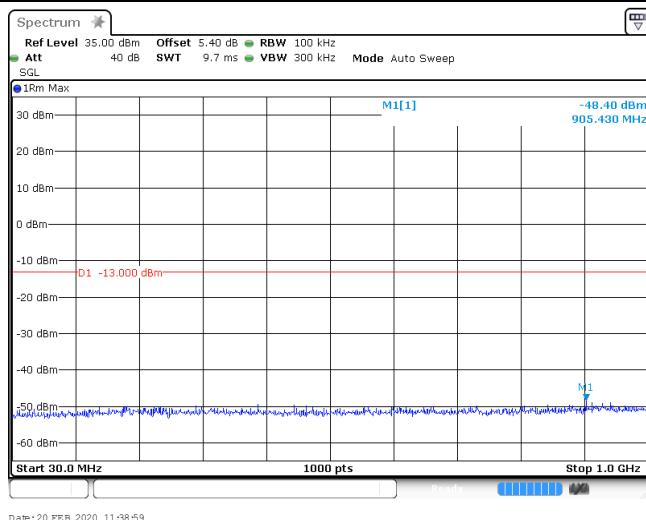


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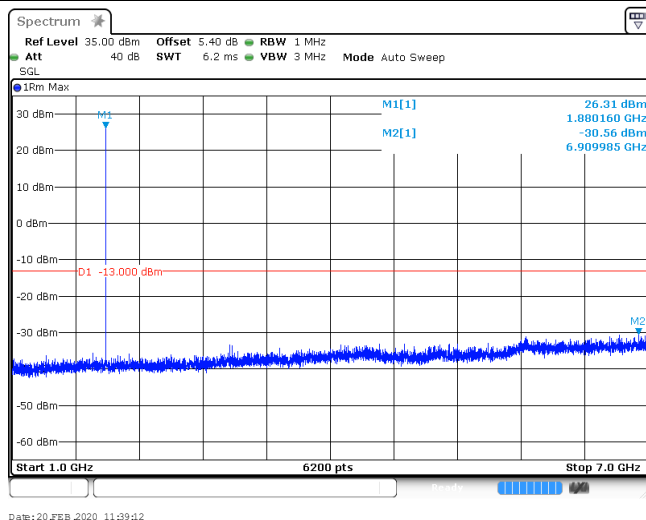


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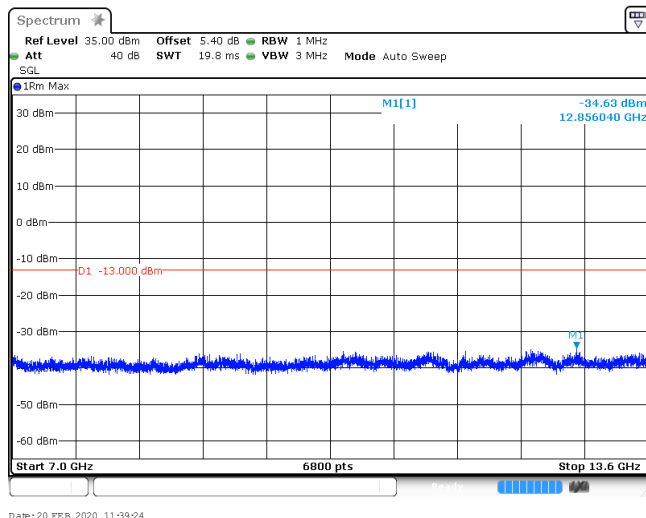


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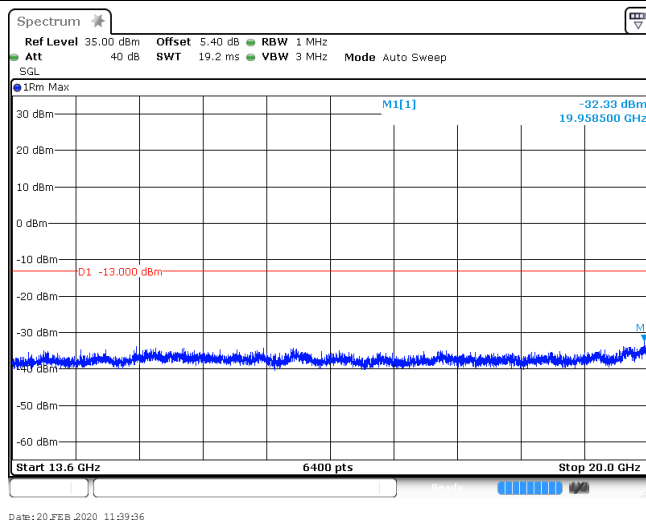


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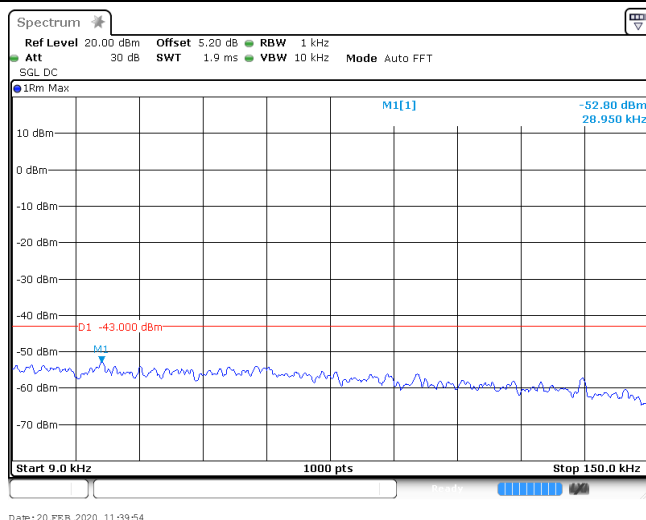
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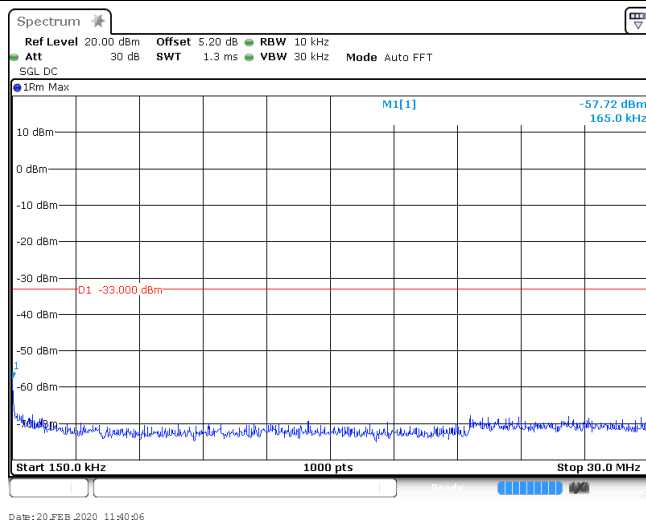
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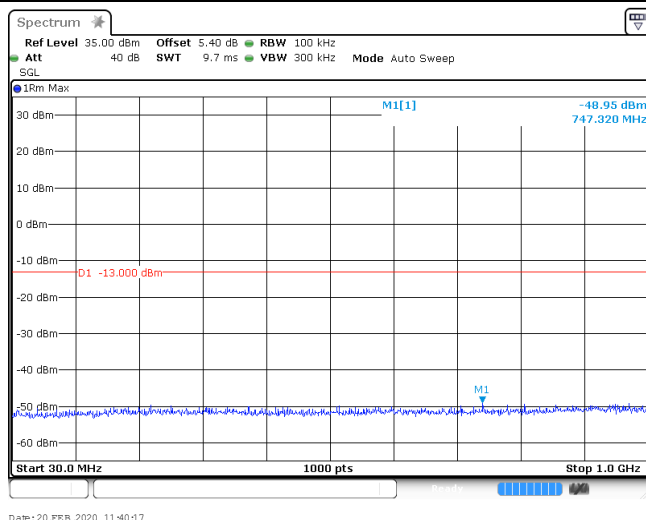
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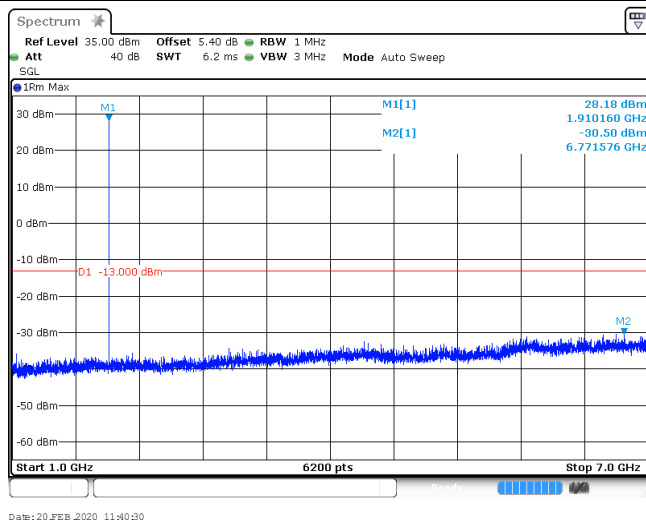
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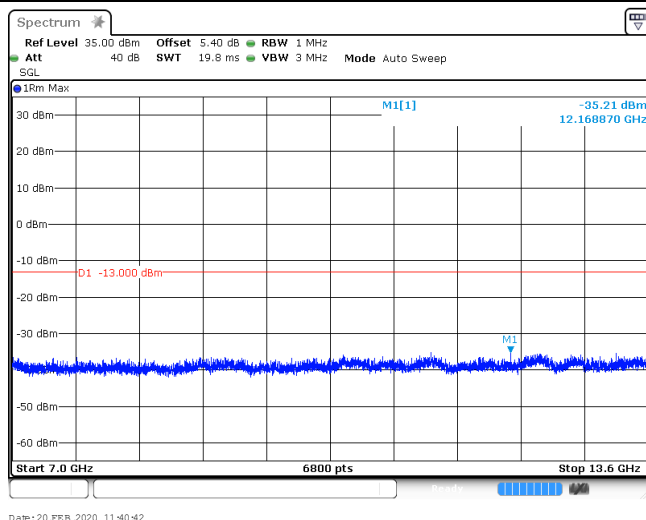
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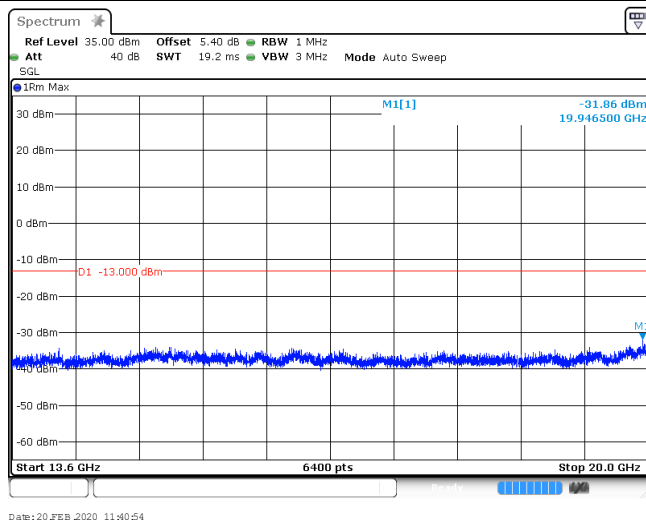
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EGPRS1900_810





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
110.2715	-64.76	-13.00	51.76	Vertical
2695.1390	-37.36	-13.00	24.36	Vertical
3700.5234	-43.73	-13.00	30.73	Vertical
5550.5850	-40.07	-13.00	27.07	Vertical
7400.6467	-46.04	-13.00	33.04	Vertical
11101.2700	-39.34	-13.00	26.34	Vertical
42.6591	-64.19	-13.00	51.19	Horizontal
2696.3393	-36.18	-13.00	23.18	Horizontal
3700.5234	-49.00	-13.00	36.00	Horizontal
5550.5850	-41.73	-13.00	28.73	Horizontal
11101.2700	-47.18	-13.00	34.18	Horizontal
16400.4467	-44.38	-13.00	31.38	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
112.6966	-64.46	-13.00	51.46	Vertical
2700.7401	-37.55	-13.00	24.55	Vertical
3760.0253	-47.63	-13.00	34.63	Vertical
5640.0880	-41.43	-13.00	28.43	Vertical
7520.1507	-48.27	-13.00	35.27	Vertical
11280.2760	-43.58	-13.00	30.58	Vertical
41.4951	-64.45	-13.00	51.45	Horizontal
2698.7397	-36.26	-13.00	23.26	Horizontal
3760.0253	-41.58	-13.00	28.58	Horizontal
5640.0880	-42.87	-13.00	29.87	Horizontal
11280.2760	-48.36	-13.00	35.36	Horizontal
16399.9467	-44.51	-13.00	31.51	Horizontal

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.9320	-64.80	-13.00	51.80	Vertical
2707.1414	-37.56	-13.00	24.56	Vertical
3819.5273	-44.93	-13.00	31.93	Vertical
5729.5910	-42.13	-13.00	29.13	Vertical



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11458.2819	-43.77	-13.00	30.77	Vertical
13368.3456	-44.13	-13.00	31.13	Vertical
46.1028	-63.29	-13.00	50.29	Horizontal
2699.9400	-36.17	-13.00	23.17	Horizontal
3819.5273	-44.68	-13.00	31.68	Horizontal
5729.0910	-44.92	-13.00	31.92	Horizontal
11458.7820	-50.34	-13.00	37.34	Horizontal
16400.4467	-44.30	-13.00	31.30	Horizontal

7.2. Test Band = GSM 850

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
113.6182	-62.94	-13.00	49.94	Vertical
1648.5297	-52.83	-13.00	39.83	Vertical
2472.6945	-43.49	-13.00	30.49	Vertical
3297.0099	-47.94	-13.00	34.94	Vertical
4121.0374	-36.53	-13.00	23.53	Vertical
14482.3827	-47.79	-13.00	34.79	Vertical
43.9202	-63.13	-13.00	50.13	Horizontal
1648.1296	-42.54	-13.00	29.54	Horizontal
2472.6945	-44.48	-13.00	31.48	Horizontal
3296.5099	-38.49	-13.00	25.49	Horizontal
4121.0374	-38.85	-13.00	25.85	Horizontal
16400.4467	-44.31	-13.00	31.31	Horizontal

7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
109.8835	-63.97	-13.00	50.97	Vertical
1672.9346	-49.84	-13.00	36.84	Vertical
2509.9020	-40.03	-13.00	27.03	Vertical
3346.5116	-52.74	-13.00	39.74	Vertical
4183.0394	-37.02	-13.00	24.02	Vertical
14464.3821	-48.15	-13.00	35.15	Vertical
37.9059	-63.20	-13.00	50.20	Horizontal
1672.9346	-39.24	-13.00	26.24	Horizontal
2509.5019	-40.94	-13.00	27.94	Horizontal
3346.5116	-44.18	-13.00	31.18	Horizontal
4183.0394	-41.48	-13.00	28.48	Horizontal
16371.9457	-44.64	-13.00	31.64	Horizontal



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7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.4655	-63.68	-13.00	50.68	Vertical
1697.3395	-45.00	-13.00	32.00	Vertical
2546.3093	-38.56	-13.00	25.56	Vertical
3395.0132	-50.88	-13.00	37.88	Vertical
4244.0415	-38.07	-13.00	25.07	Vertical
11882.2961	-47.50	-13.00	34.50	Vertical
40.4765	-62.94	-13.00	49.94	Horizontal
1697.7395	-35.80	-13.00	22.80	Horizontal
2546.3093	-39.09	-13.00	26.09	Horizontal
3395.0132	-40.54	-13.00	27.54	Horizontal
4244.0415	-42.80	-13.00	29.80	Horizontal
16396.4465	-44.25	-13.00	31.25	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.





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	-1.39	-0.001684	±2.5	PASS
GSM850	128	VN	TN	1.29	0.001567	±2.5	PASS
GSM850	128	VH	TN	-5.20	-0.006307	±2.5	PASS
GSM850	190	VL	TN	4.81	0.005750	±2.5	PASS
GSM850	190	VN	TN	6.97	0.008336	±2.5	PASS
GSM850	190	VH	TN	-4.58	-0.005480	±2.5	PASS
GSM850	251	VL	TN	1.65	0.001940	±2.5	PASS
GSM850	251	VN	TN	1.74	0.002054	±2.5	PASS
GSM850	251	VH	TN	0.00	0.000000	±2.5	PASS
EGPRS850	128	VL	TN	12.14	0.014729	±2.5	PASS
EGPRS850	128	VN	TN	15.98	0.019390	±2.5	PASS
EGPRS850	128	VH	TN	18.50	0.022446	±2.5	PASS
EGPRS850	190	VL	TN	16.98	0.020299	±2.5	PASS
EGPRS850	190	VN	TN	13.88	0.016594	±2.5	PASS
EGPRS850	190	VH	TN	8.78	0.010497	±2.5	PASS
EGPRS850	251	VL	TN	12.46	0.014682	±2.5	PASS
EGPRS850	251	VN	TN	9.43	0.011107	±2.5	PASS
EGPRS850	251	VH	TN	14.17	0.016698	±2.5	PASS
GSM1900	512	VL	TN	-3.75	-0.002024	±2.5	PASS
GSM1900	512	VN	TN	15.11	0.008167	±2.5	PASS
GSM1900	512	VH	TN	13.37	0.007224	±2.5	PASS
GSM1900	661	VL	TN	13.88	0.007385	±2.5	PASS
GSM1900	661	VN	TN	12.53	0.006663	±2.5	PASS
GSM1900	661	VH	TN	4.26	0.002267	±2.5	PASS
GSM1900	810	VL	TN	-10.94	-0.005731	±2.5	PASS
GSM1900	810	VN	TN	-2.36	-0.001234	±2.5	PASS
GSM1900	810	VH	TN	-10.56	-0.005528	±2.5	PASS
EGPRS1900	512	VL	TN	1.19	0.000646	±2.5	PASS
EGPRS1900	512	VN	TN	10.30	0.005567	±2.5	PASS
EGPRS1900	512	VH	TN	24.89	0.013454	±2.5	PASS
EGPRS1900	661	VL	TN	22.28	0.011850	±2.5	PASS
EGPRS1900	661	VN	TN	21.50	0.011437	±2.5	PASS
EGPRS1900	661	VH	TN	21.18	0.011266	±2.5	PASS
EGPRS1900	810	VL	TN	21.18	0.011090	±2.5	PASS
EGPRS1900	810	VN	TN	17.72	0.009281	±2.5	PASS
EGPRS1900	810	VH	TN	18.14	0.009501	±2.5	PASS



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8.2.Frequency Error Vs Temperature

BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	-3.23	-0.003917	±2.5	PASS
GSM850	128	VN	-20	0.16	0.000196	±2.5	PASS
GSM850	128	VN	-10	3.87	0.004701	±2.5	PASS
GSM850	128	VN	0	-1.68	-0.002037	±2.5	PASS
GSM850	128	VN	10	2.42	0.002938	±2.5	PASS
GSM850	128	VN	20	-2.42	-0.002938	±2.5	PASS
GSM850	128	VN	30	0.06	0.000078	±2.5	PASS
GSM850	128	VN	40	-7.49	-0.009088	±2.5	PASS
GSM850	128	VN	50	4.26	0.005171	±2.5	PASS
GSM850	190	VN	-30	-5.00	-0.005982	±2.5	PASS
GSM850	190	VN	-20	-5.55	-0.006638	±2.5	PASS
GSM850	190	VN	-10	-5.20	-0.006213	±2.5	PASS
GSM850	190	VN	0	3.33	0.003975	±2.5	PASS
GSM850	190	VN	10	0.97	0.001158	±2.5	PASS
GSM850	190	VN	20	-0.10	-0.000116	±2.5	PASS
GSM850	190	VN	30	-2.84	-0.003396	±2.5	PASS
GSM850	190	VN	40	-3.29	-0.003936	±2.5	PASS
GSM850	190	VN	50	-4.00	-0.004785	±2.5	PASS
GSM850	251	VN	-30	-0.23	-0.000266	±2.5	PASS
GSM850	251	VN	-20	-1.81	-0.002130	±2.5	PASS
GSM850	251	VN	-10	-4.78	-0.005629	±2.5	PASS
GSM850	251	VN	0	-5.81	-0.006847	±2.5	PASS
GSM850	251	VN	10	2.10	0.002472	±2.5	PASS
GSM850	251	VN	20	0.16	0.000190	±2.5	PASS
GSM850	251	VN	30	-1.26	-0.001483	±2.5	PASS
GSM850	251	VN	40	-4.16	-0.004907	±2.5	PASS
GSM850	251	VN	50	-5.84	-0.006885	±2.5	PASS
EGPRS850	128	VN	-30	19.05	0.023112	±2.5	PASS
EGPRS850	128	VN	-20	15.69	0.019038	±2.5	PASS
EGPRS850	128	VN	-10	16.79	0.020370	±2.5	PASS
EGPRS850	128	VN	0	15.79	0.019155	±2.5	PASS
EGPRS850	128	VN	10	15.34	0.018607	±2.5	PASS
EGPRS850	128	VN	20	14.01	0.017001	±2.5	PASS
EGPRS850	128	VN	30	18.27	0.022172	±2.5	PASS
EGPRS850	128	VN	40	17.50	0.021231	±2.5	PASS
EGPRS850	128	VN	50	15.08	0.018293	±2.5	PASS
EGPRS850	190	VN	-30	17.43	0.020840	±2.5	PASS
EGPRS850	190	VN	-20	11.98	0.014318	±2.5	PASS
EGPRS850	190	VN	-10	9.69	0.011578	±2.5	PASS
EGPRS850	190	VN	0	13.82	0.016517	±2.5	PASS
EGPRS850	190	VN	10	14.63	0.017482	±2.5	PASS
EGPRS850	190	VN	20	10.62	0.012697	±2.5	PASS
EGPRS850	190	VN	30	7.78	0.009301	±2.5	PASS



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EGPRS850	190	VN	40	12.49	0.014935	±2.5	PASS
EGPRS850	190	VN	50	12.88	0.015398	±2.5	PASS
EGPRS850	251	VN	-30	10.46	0.012324	±2.5	PASS
EGPRS850	251	VN	-20	8.72	0.010270	±2.5	PASS
EGPRS850	251	VN	-10	7.36	0.008672	±2.5	PASS
EGPRS850	251	VN	0	14.79	0.017421	±2.5	PASS
EGPRS850	251	VN	10	11.53	0.013579	±2.5	PASS
EGPRS850	251	VN	20	10.17	0.011982	±2.5	PASS
EGPRS850	251	VN	30	9.07	0.010688	±2.5	PASS
EGPRS850	251	VN	40	6.49	0.007645	±2.5	PASS
EGPRS850	251	VN	50	15.37	0.018106	±2.5	PASS
GSM1900	512	VN	-30	1.00	0.000541	±2.5	PASS
GSM1900	512	VN	-20	2.32	0.001256	±2.5	PASS
GSM1900	512	VN	-10	4.62	0.002495	±2.5	PASS
GSM1900	512	VN	0	5.59	0.003019	±2.5	PASS
GSM1900	512	VN	10	8.52	0.004607	±2.5	PASS
GSM1900	512	VN	20	12.95	0.006997	±2.5	PASS
GSM1900	512	VN	30	-4.36	-0.002356	±2.5	PASS
GSM1900	512	VN	40	-6.65	-0.003595	±2.5	PASS
GSM1900	512	VN	50	7.88	0.004258	±2.5	PASS
GSM1900	661	VN	-30	16.11	0.008569	±2.5	PASS
GSM1900	661	VN	-20	1.94	0.001030	±2.5	PASS
GSM1900	661	VN	-10	8.23	0.004379	±2.5	PASS
GSM1900	661	VN	0	12.95	0.006887	±2.5	PASS
GSM1900	661	VN	10	2.91	0.001546	±2.5	PASS
GSM1900	661	VN	20	-4.29	-0.002284	±2.5	PASS
GSM1900	661	VN	30	1.32	0.000704	±2.5	PASS
GSM1900	661	VN	40	5.46	0.002902	±2.5	PASS
GSM1900	661	VN	50	13.08	0.006955	±2.5	PASS
GSM1900	810	VN	-30	-11.85	-0.006204	±2.5	PASS
GSM1900	810	VN	-20	-7.81	-0.004091	±2.5	PASS
GSM1900	810	VN	-10	-3.58	-0.001876	±2.5	PASS
GSM1900	810	VN	0	0.10	0.000051	±2.5	PASS
GSM1900	810	VN	10	1.71	0.000896	±2.5	PASS
GSM1900	810	VN	20	9.10	0.004767	±2.5	PASS
GSM1900	810	VN	30	-4.75	-0.002485	±2.5	PASS
GSM1900	810	VN	40	-0.74	-0.000389	±2.5	PASS
GSM1900	810	VN	50	3.65	0.001910	±2.5	PASS
EGPRS1900	512	VN	-30	17.50	0.009458	±2.5	PASS
EGPRS1900	512	VN	-20	13.14	0.007102	±2.5	PASS
EGPRS1900	512	VN	-10	24.99	0.013506	±2.5	PASS
EGPRS1900	512	VN	0	25.31	0.013681	±2.5	PASS
EGPRS1900	512	VN	10	14.85	0.008027	±2.5	PASS
EGPRS1900	512	VN	20	24.99	0.013506	±2.5	PASS
EGPRS1900	512	VN	30	23.67	0.012791	±2.5	PASS
EGPRS1900	512	VN	40	19.79	0.010697	±2.5	PASS
EGPRS1900	512	VN	50	26.47	0.014309	±2.5	PASS



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EGPRS1900	661	VN	-30	25.15	0.013378	±2.5	PASS
EGPRS1900	661	VN	-20	9.75	0.005186	±2.5	PASS
EGPRS1900	661	VN	-10	10.88	0.005787	±2.5	PASS
EGPRS1900	661	VN	0	15.14	0.008054	±2.5	PASS
EGPRS1900	661	VN	10	13.53	0.007196	±2.5	PASS
EGPRS1900	661	VN	20	14.14	0.007522	±2.5	PASS
EGPRS1900	661	VN	30	13.75	0.007316	±2.5	PASS
EGPRS1900	661	VN	40	17.24	0.009171	±2.5	PASS
EGPRS1900	661	VN	50	18.34	0.009754	±2.5	PASS
EGPRS1900	810	VN	-30	15.17	0.007946	±2.5	PASS
EGPRS1900	810	VN	-20	17.92	0.009382	±2.5	PASS
EGPRS1900	810	VN	-10	18.79	0.009839	±2.5	PASS
EGPRS1900	810	VN	0	15.50	0.008115	±2.5	PASS
EGPRS1900	810	VN	10	18.31	0.009585	±2.5	PASS
EGPRS1900	810	VN	20	15.95	0.008351	±2.5	PASS
EGPRS1900	810	VN	30	15.14	0.007929	±2.5	PASS
EGPRS1900	810	VN	40	16.27	0.008520	±2.5	PASS
EGPRS1900	810	VN	50	16.40	0.008588	±2.5	PASS

The End

