



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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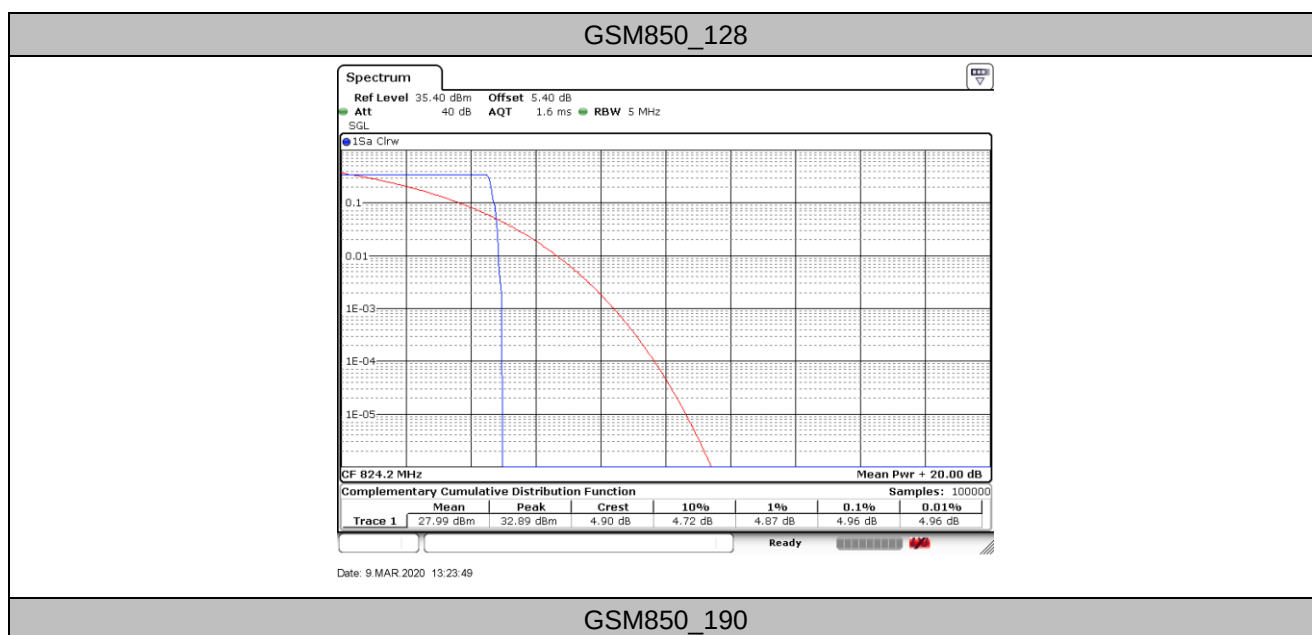
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2. Peak-to-Average Ratio

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

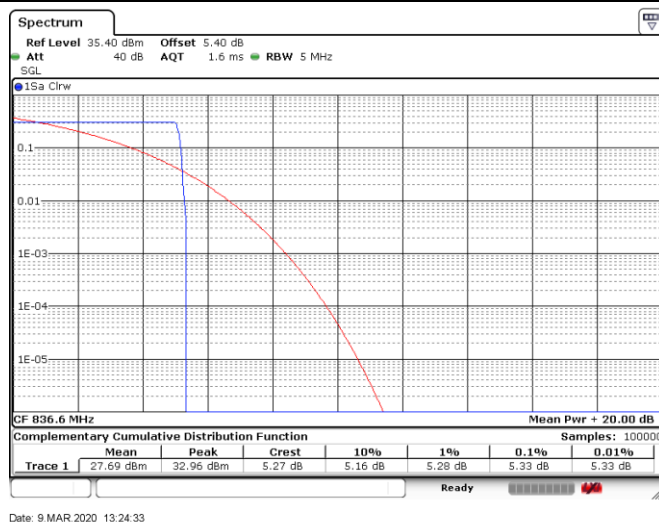
2.2.Part II - Test Plots



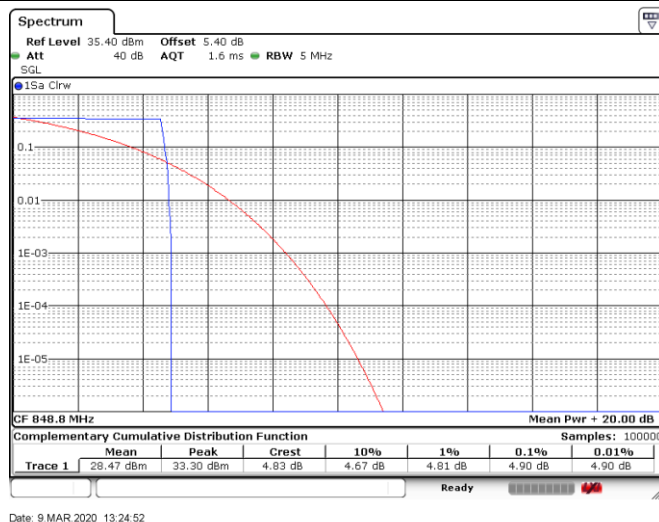
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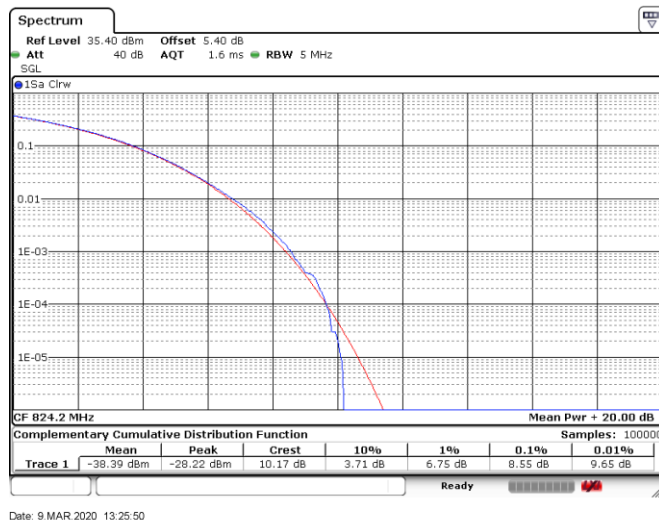


GSM850_251

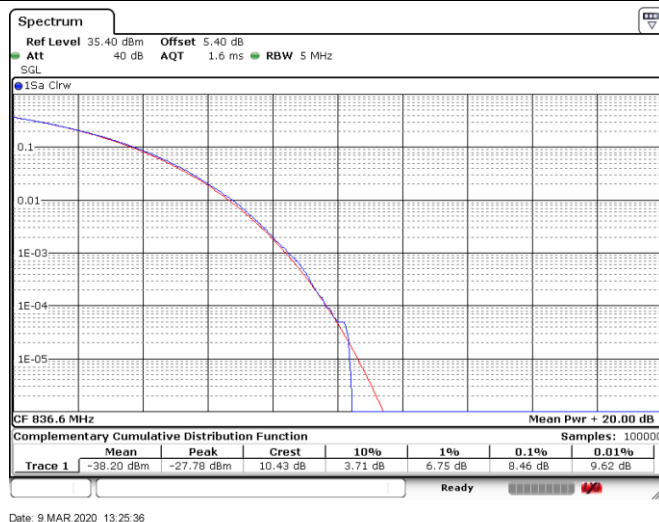


EGPRS850_128





EGPRS850_190



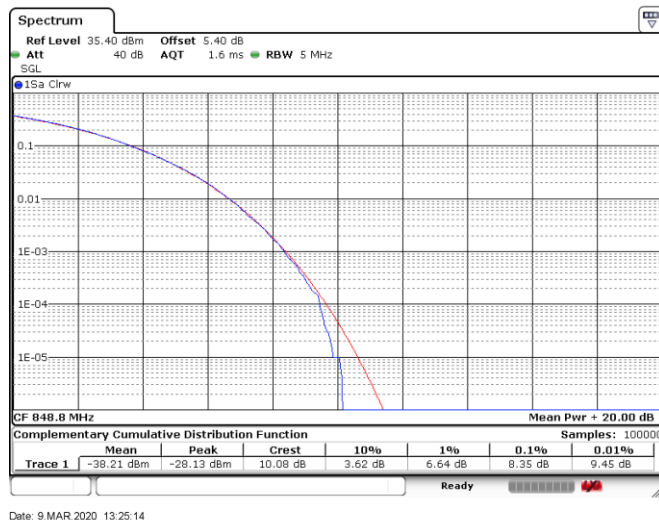
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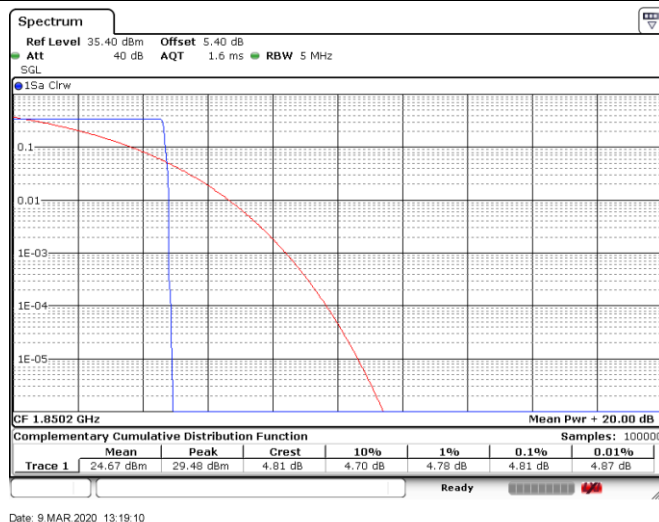
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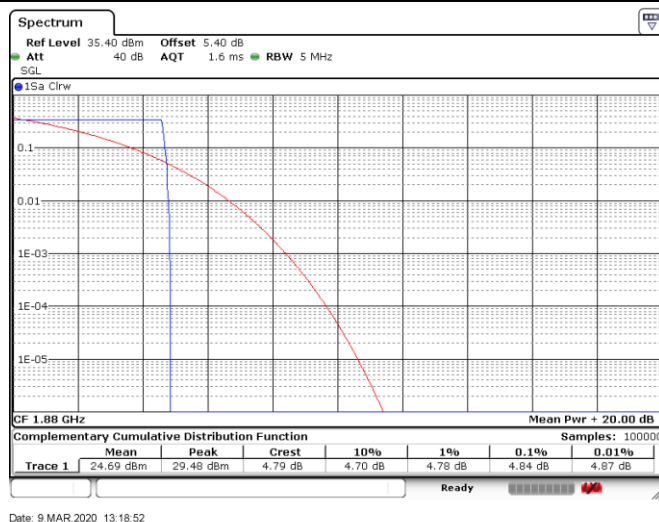


GSM1900_512



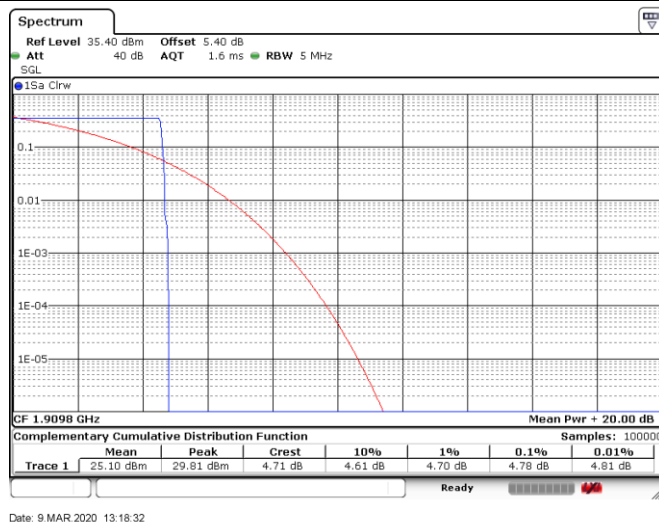
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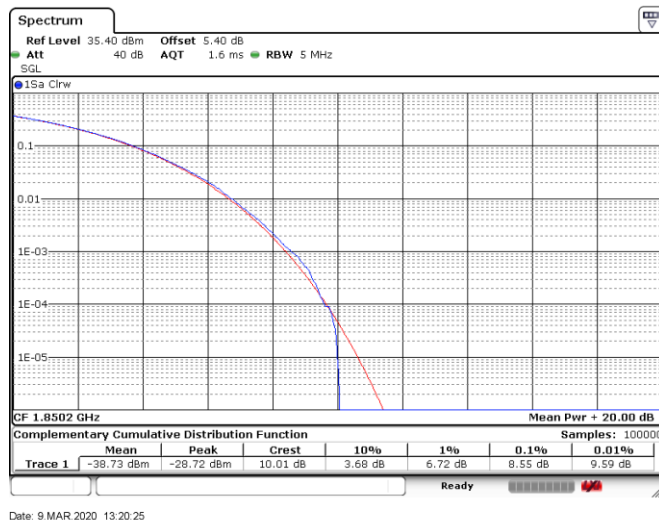
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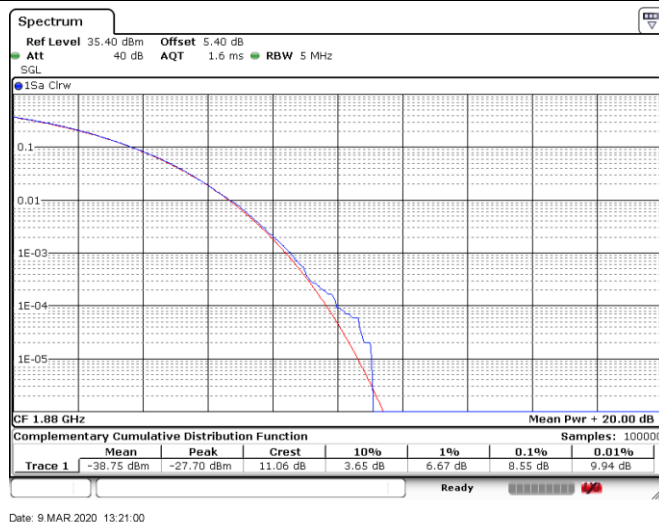
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EGPRS1900_512





EGPRS1900_661



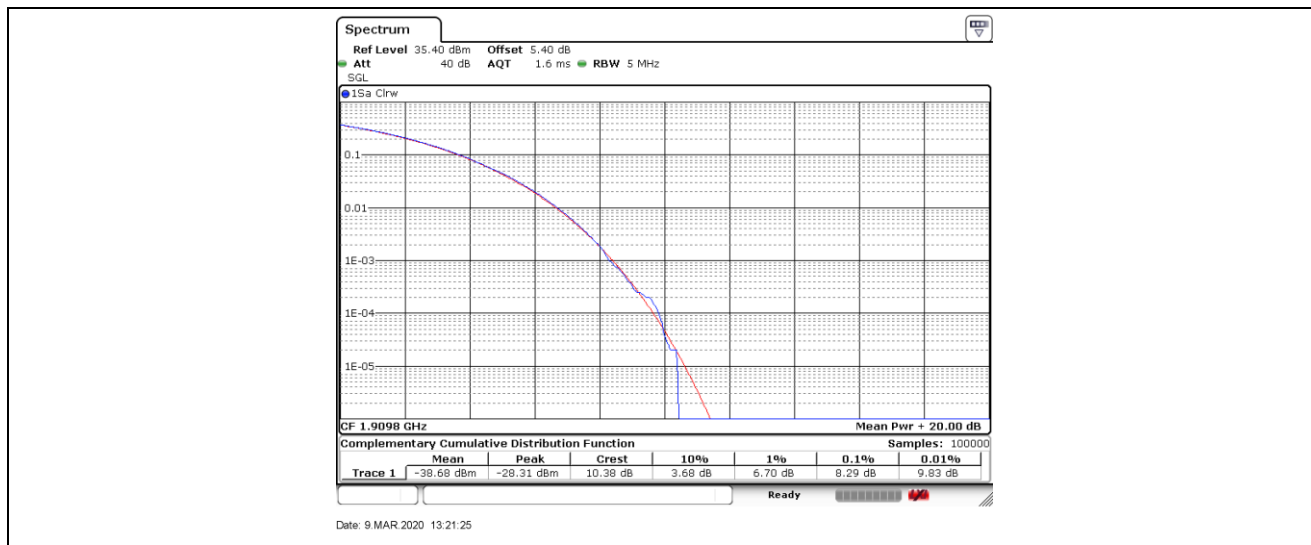
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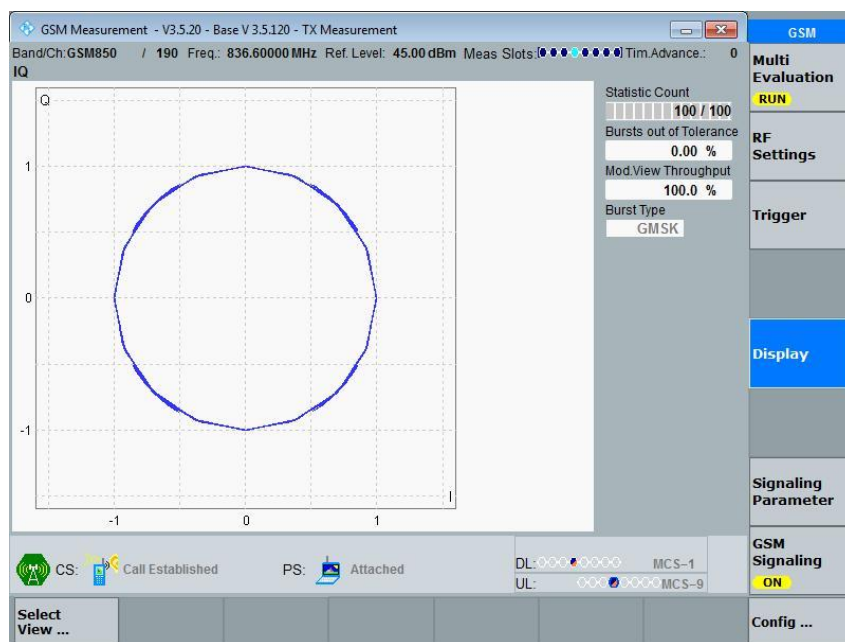
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

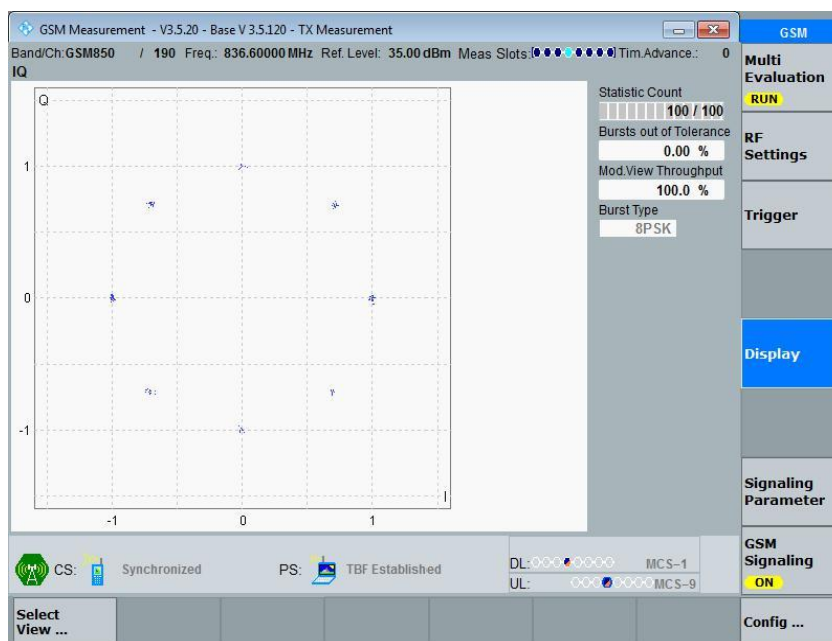
3.1.1.1.1. Test Channel = MCH





3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



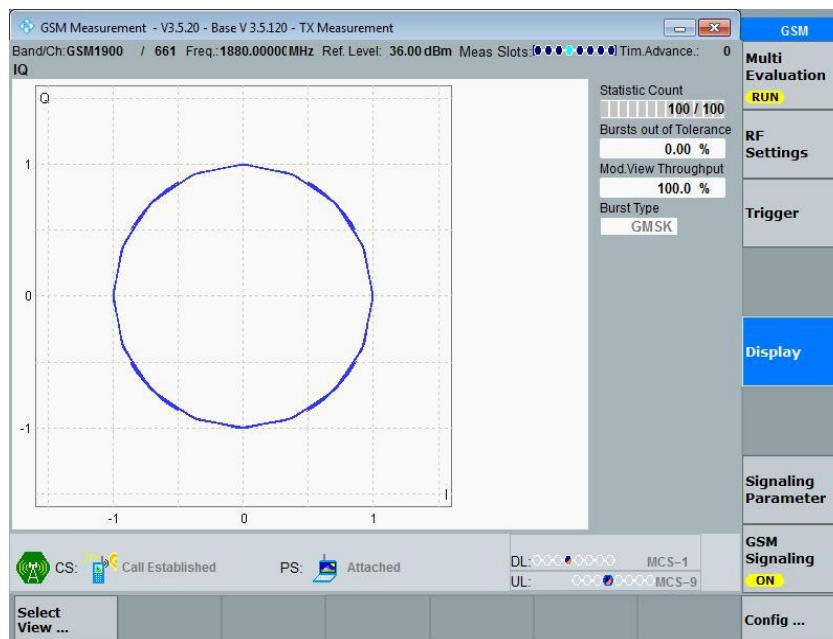
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3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

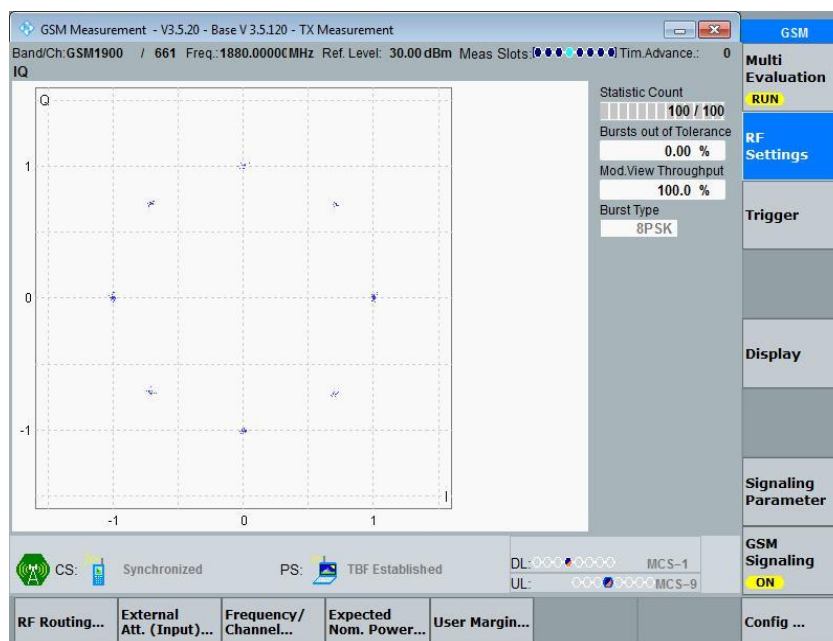
3.1.2.1.1. Test Channel = MCH





3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



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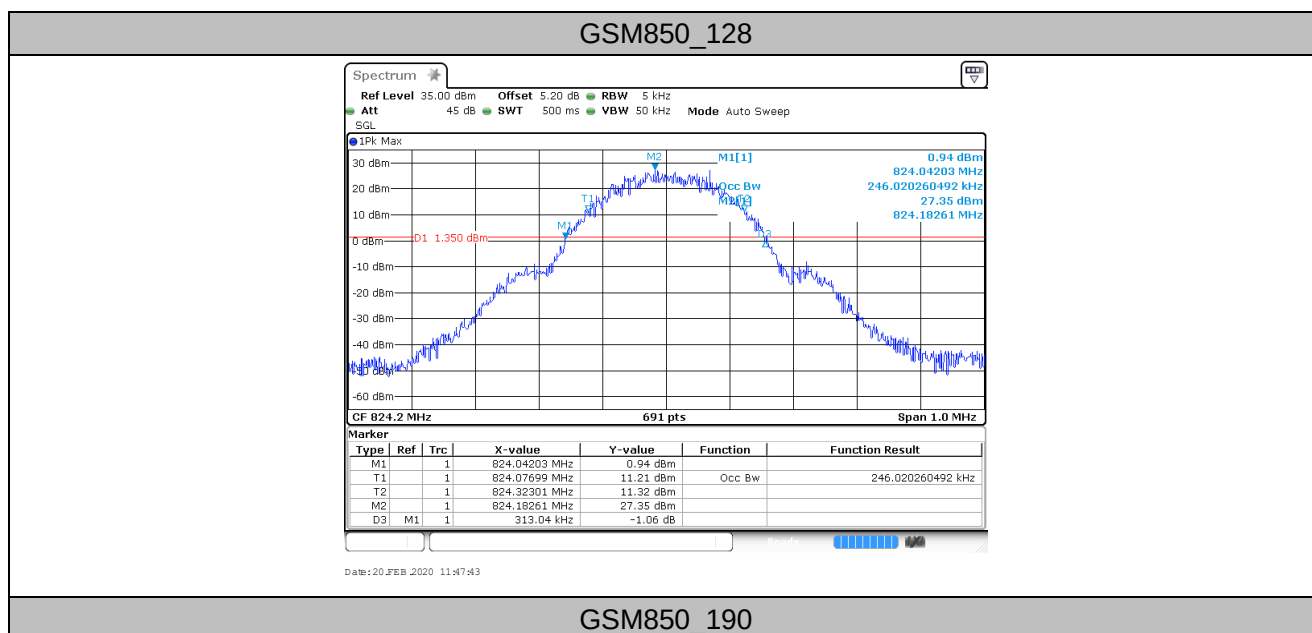
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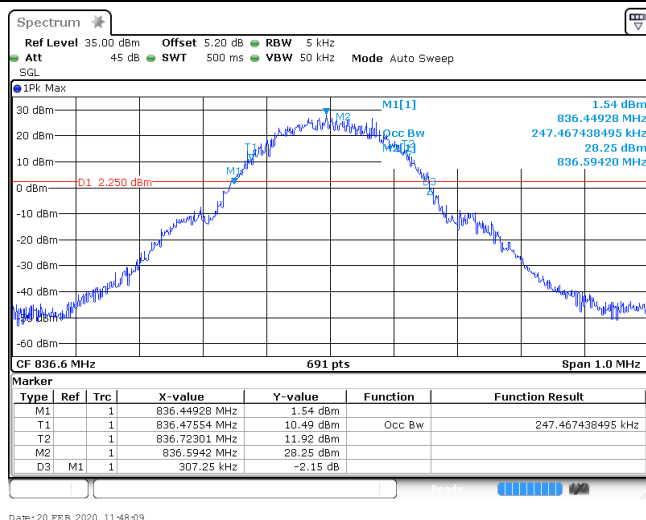
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

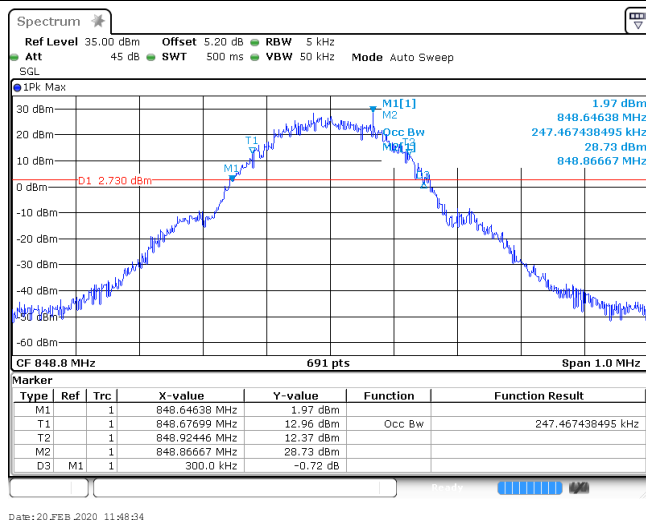
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	246.02	313.04	---	PASS
GSM850	190	247.47	307.25	---	PASS
GSM850	251	247.47	300.00	---	PASS
EGPRS850	128	247.47	291.30	---	PASS
EGPRS850	190	250.36	304.35	---	PASS
EGPRS850	251	250.36	298.55	---	PASS
GSM1900	512	244.57	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



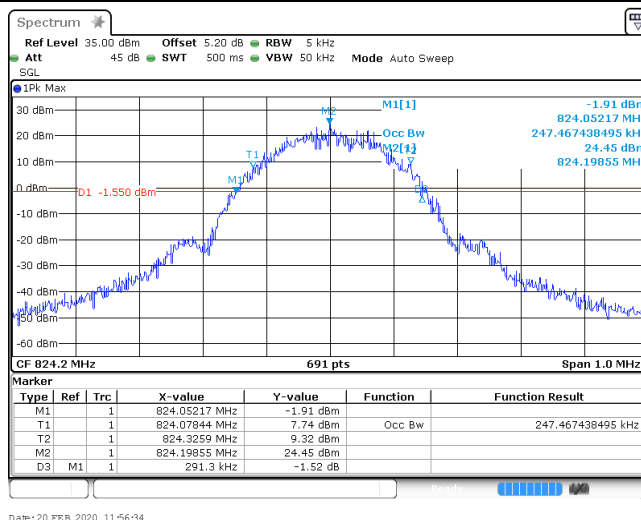


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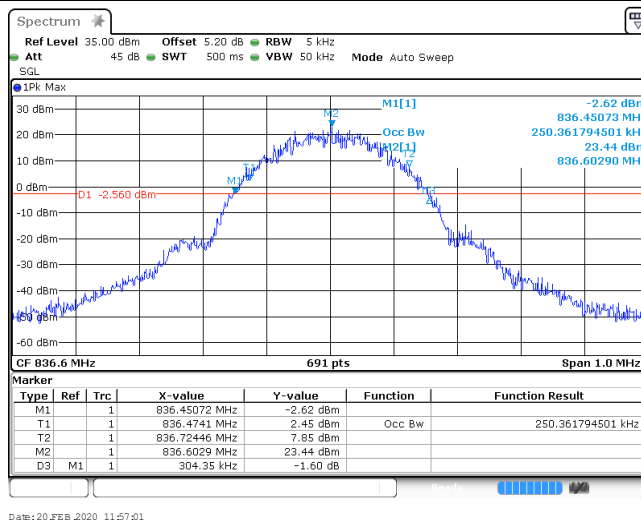


EGPRS850_128





EGPRS850_190



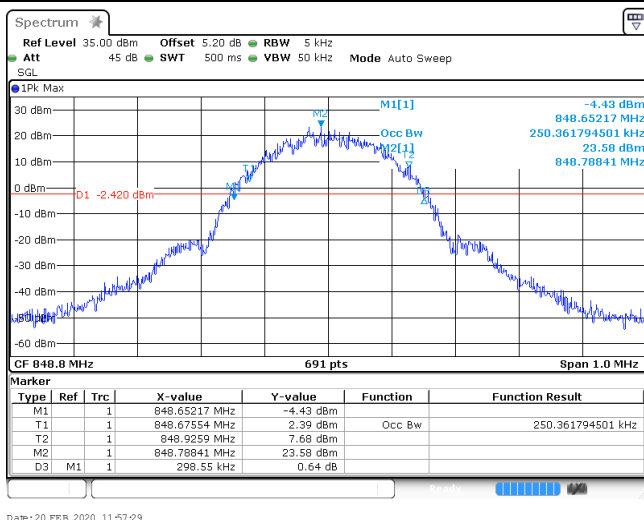
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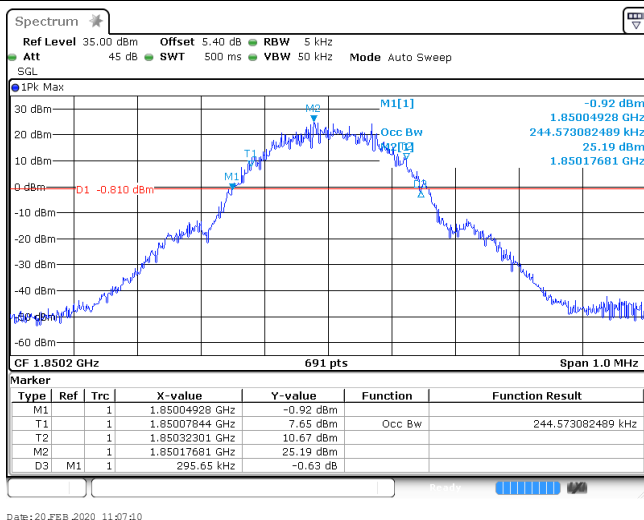
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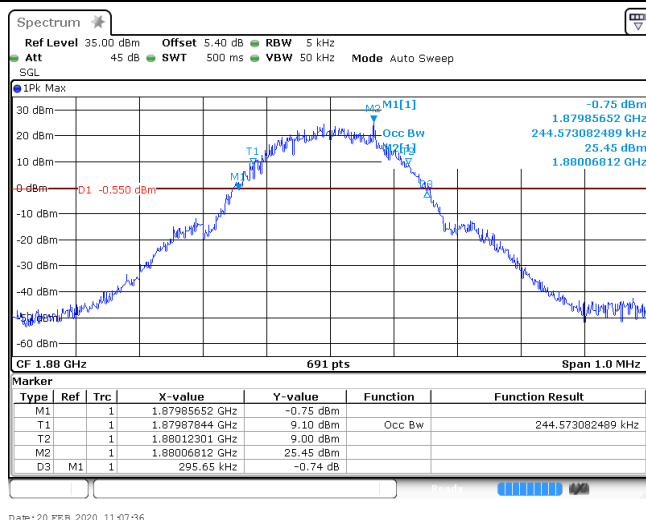


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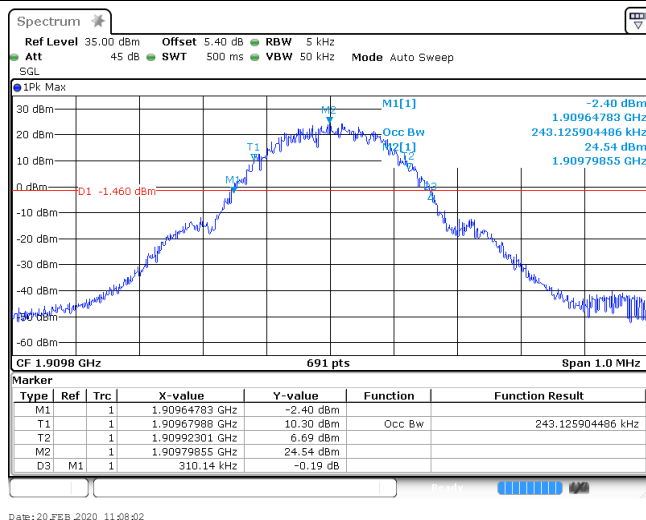


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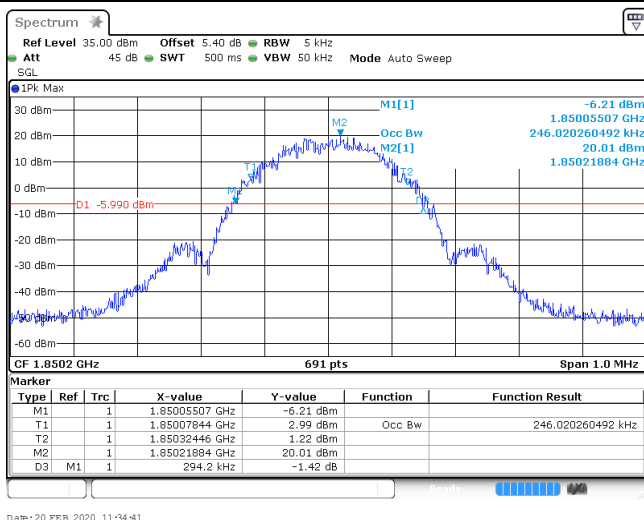


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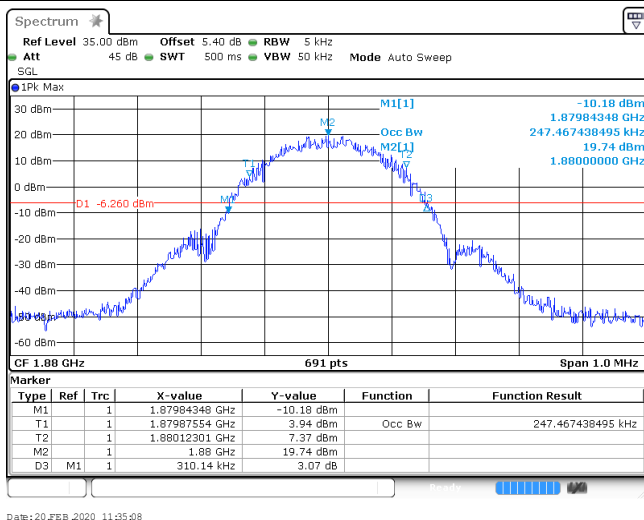


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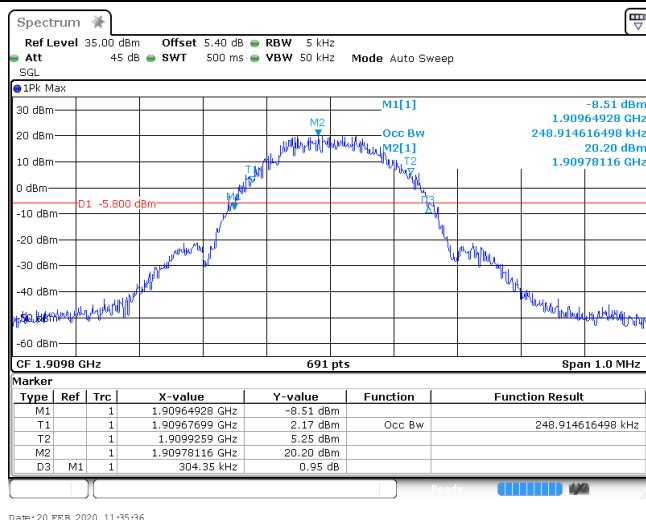


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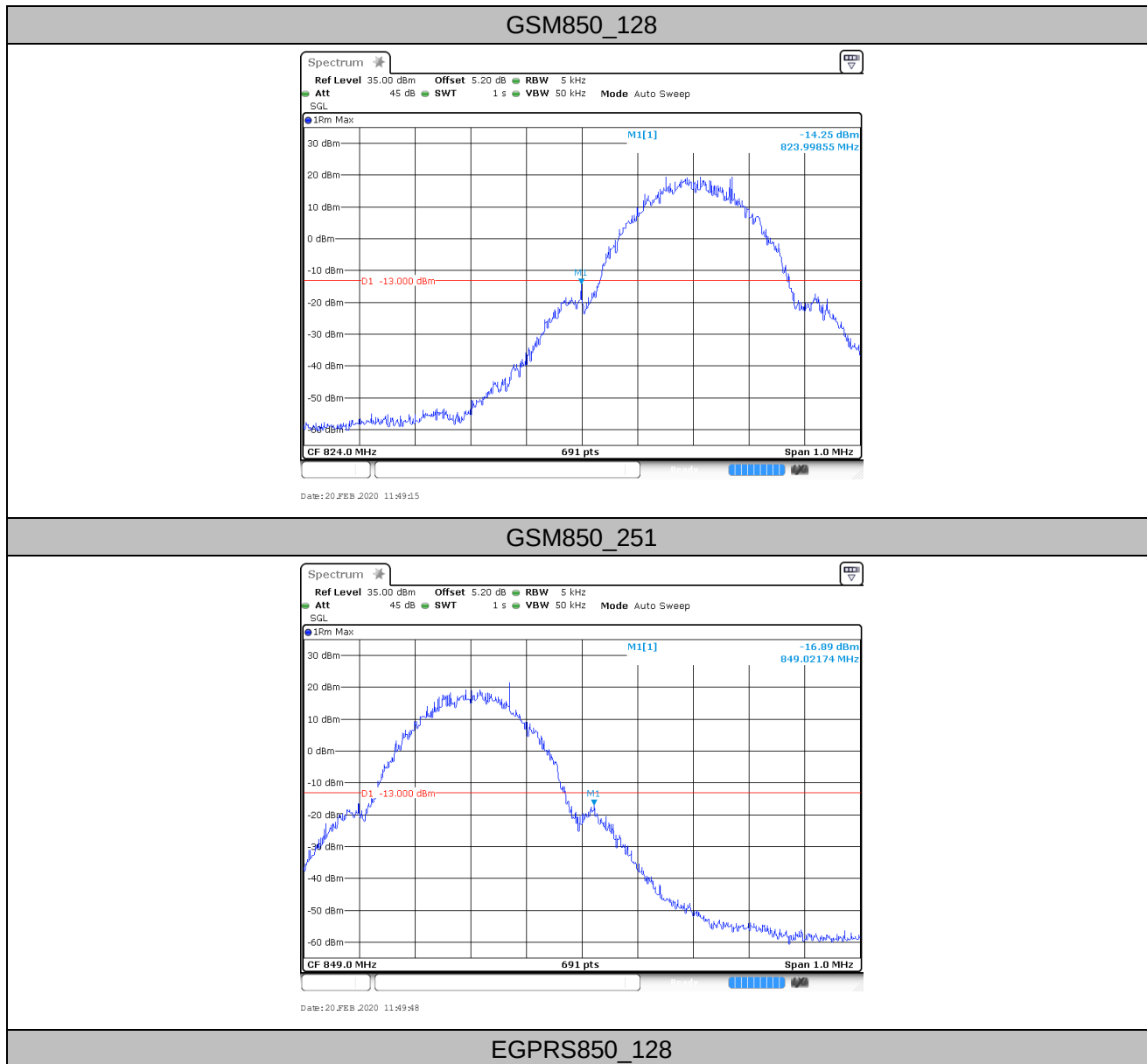
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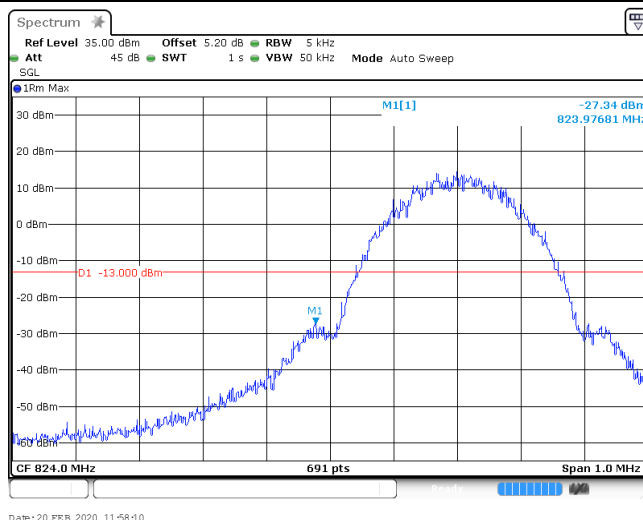




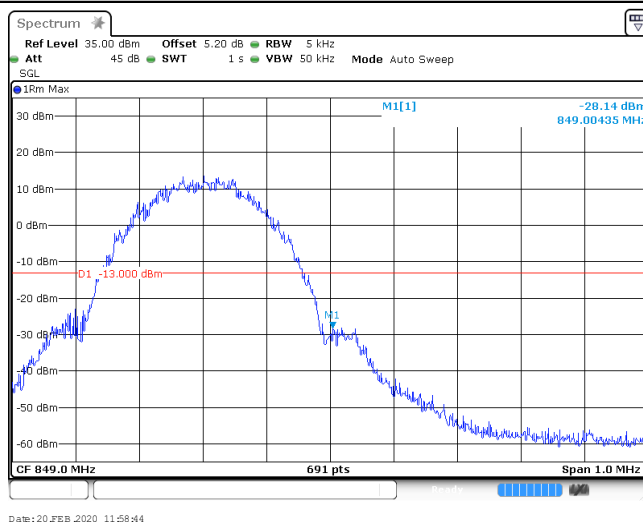
5. Band Edge Compliance

5.1. Test Plots





EGPRS850_251



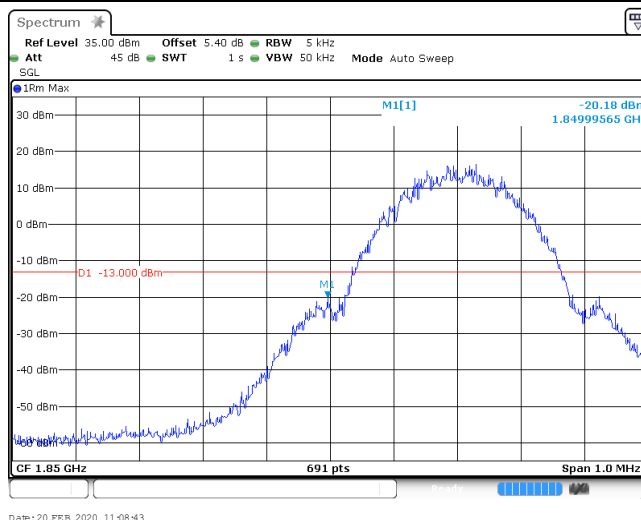
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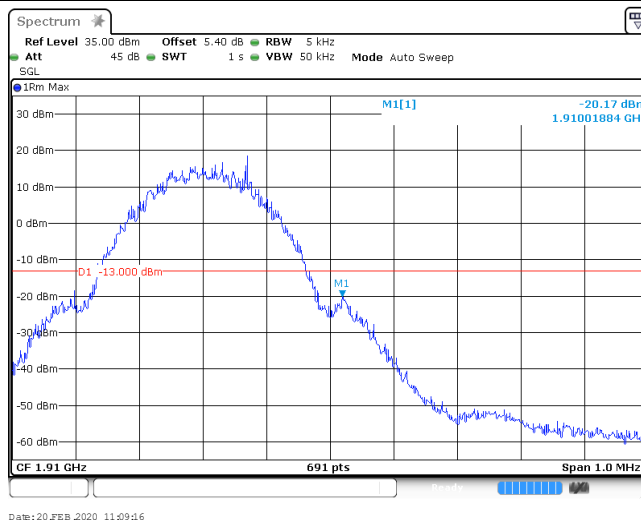
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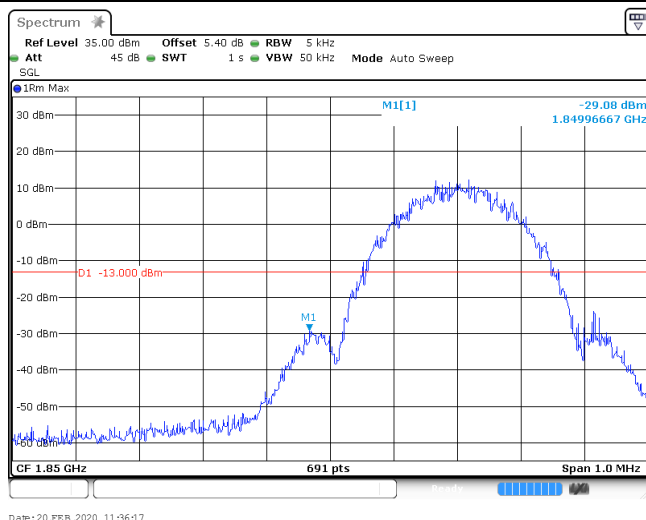


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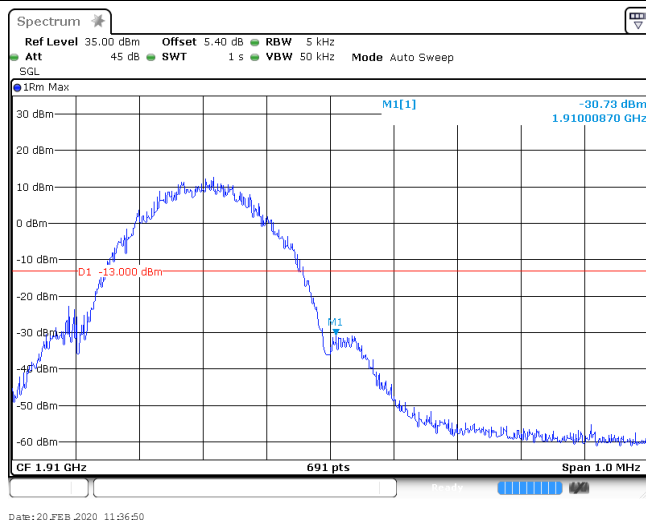


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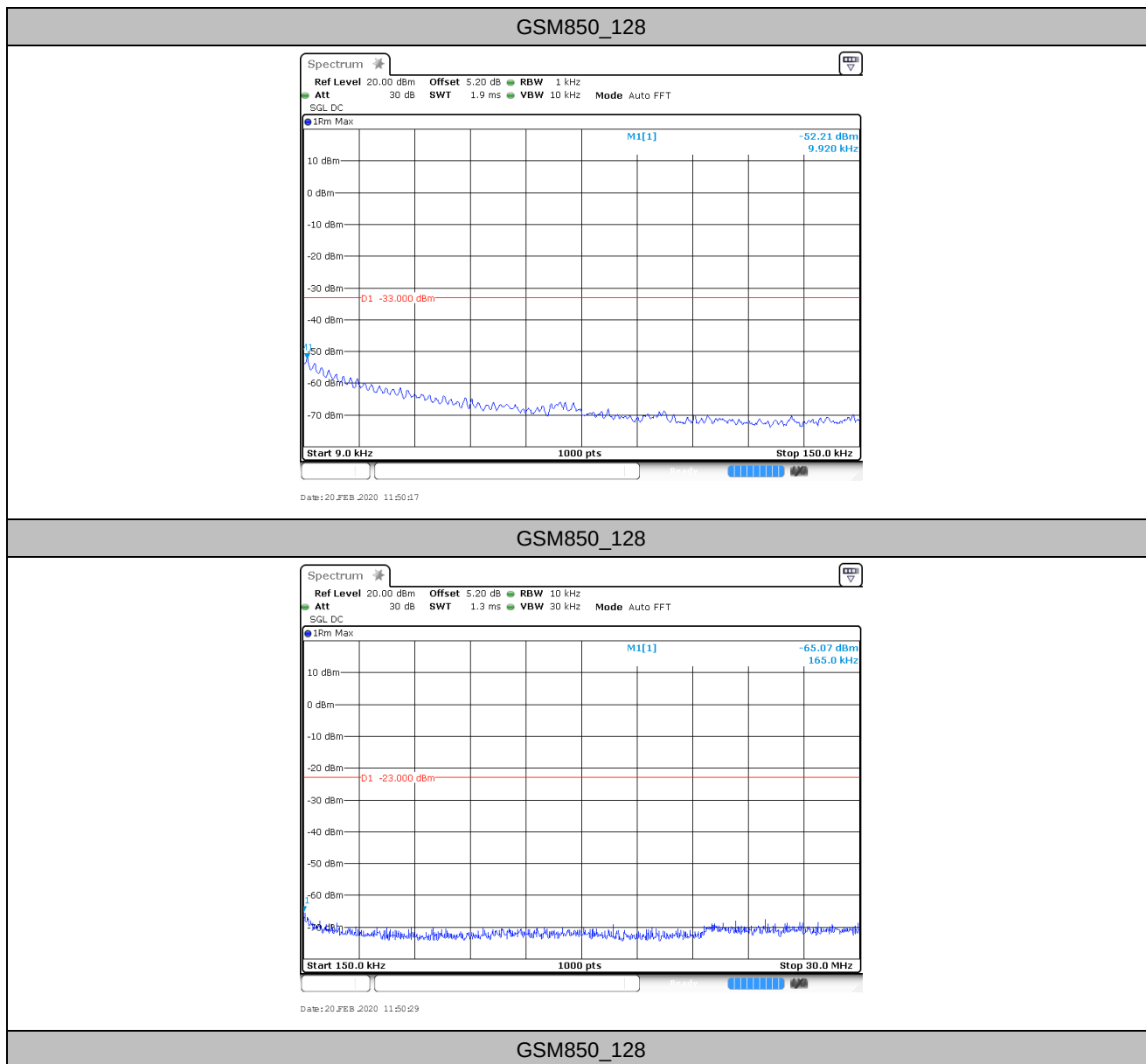


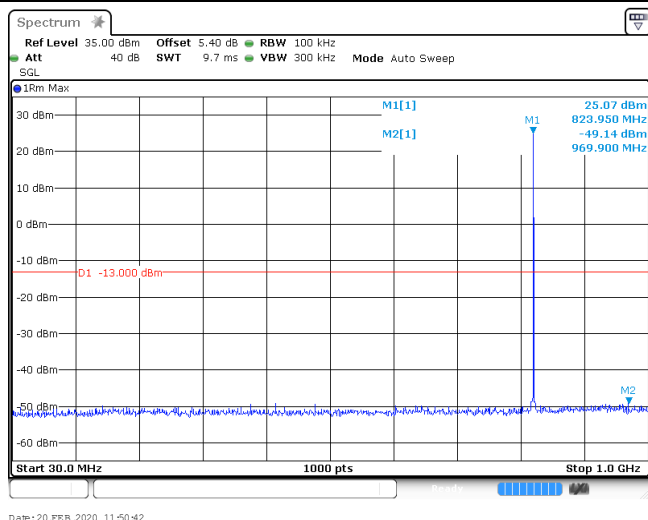
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of $< RBW/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / RBW)$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

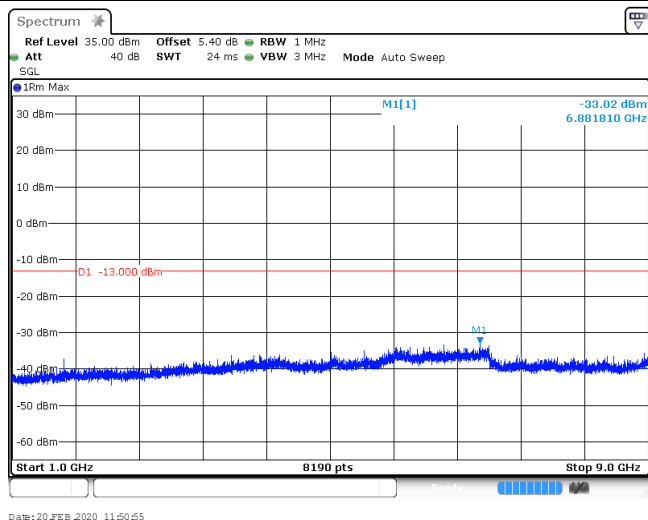
Remark2: only the worst case data displayed in this report.

6.1. Test Plots





GSM850_128

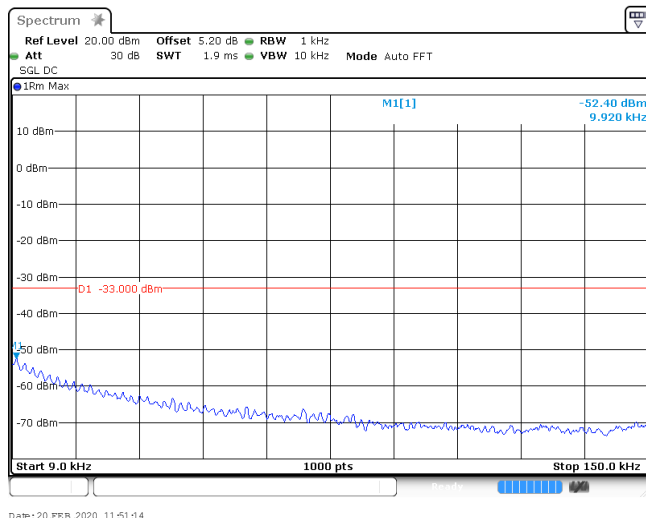


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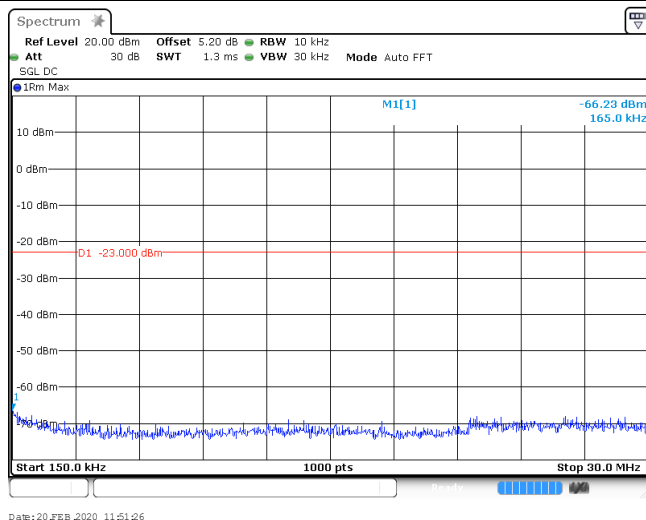


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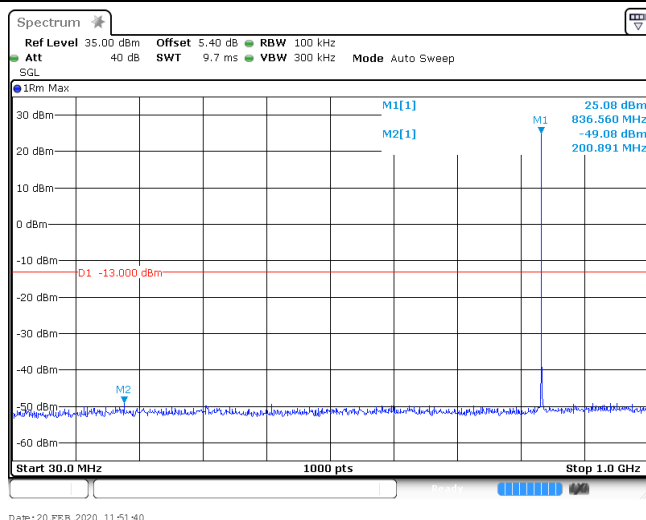


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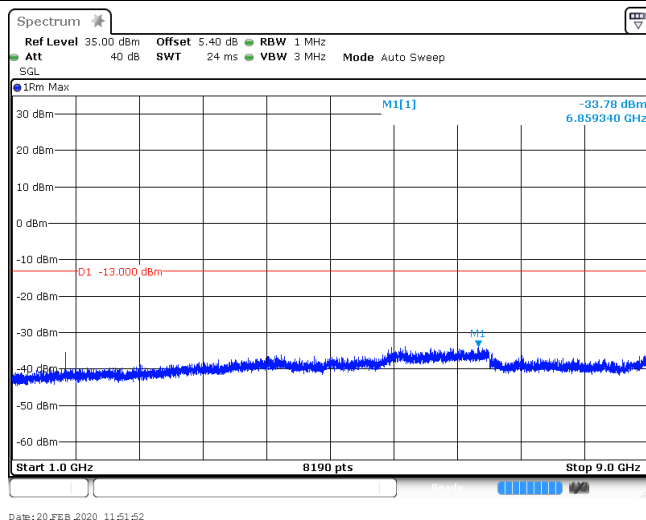
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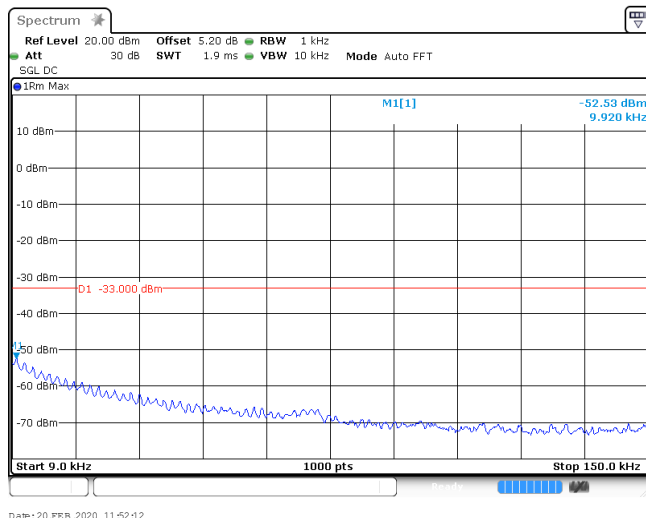
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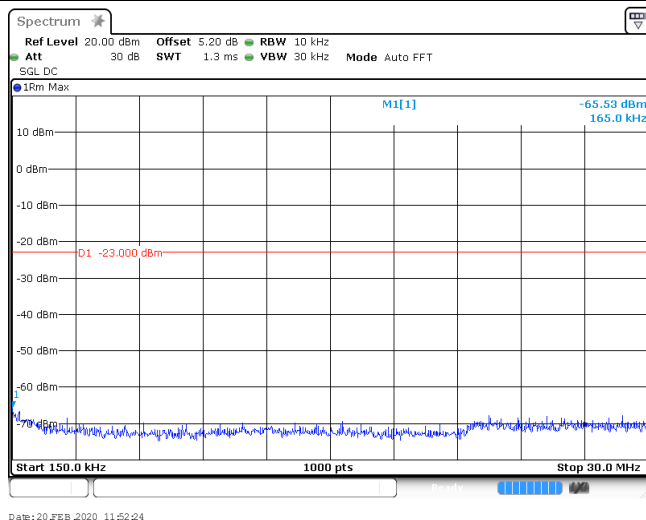
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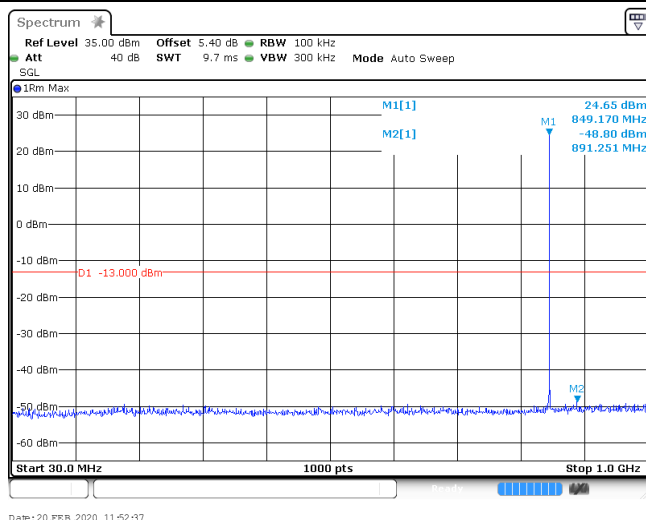


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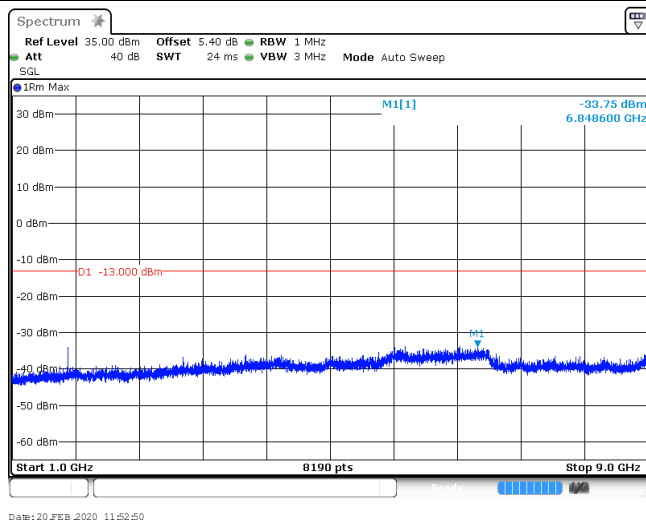
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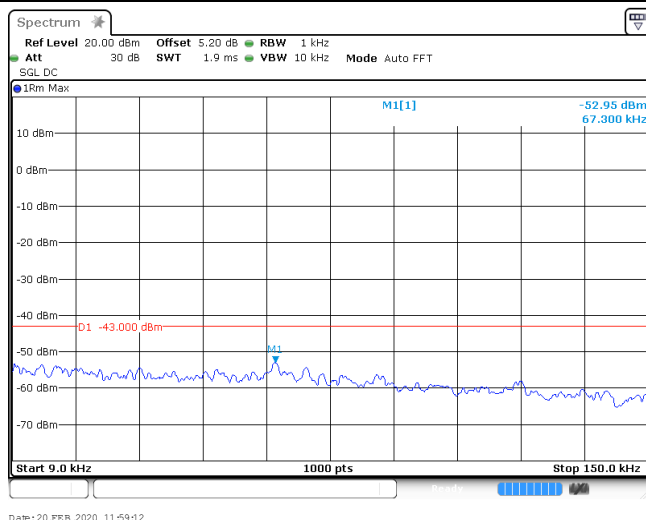
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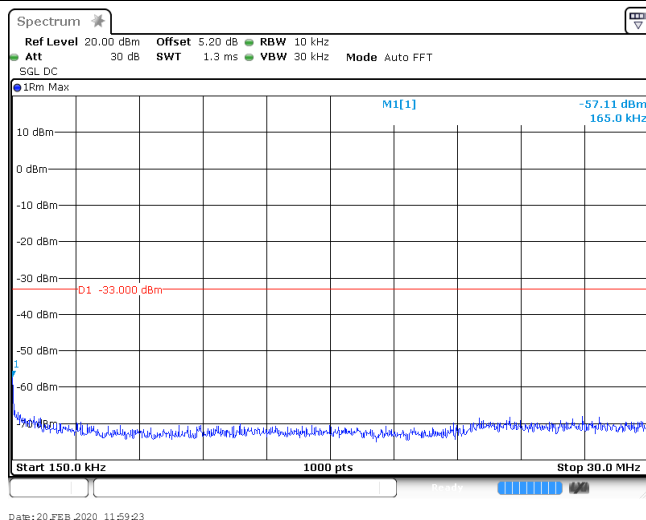
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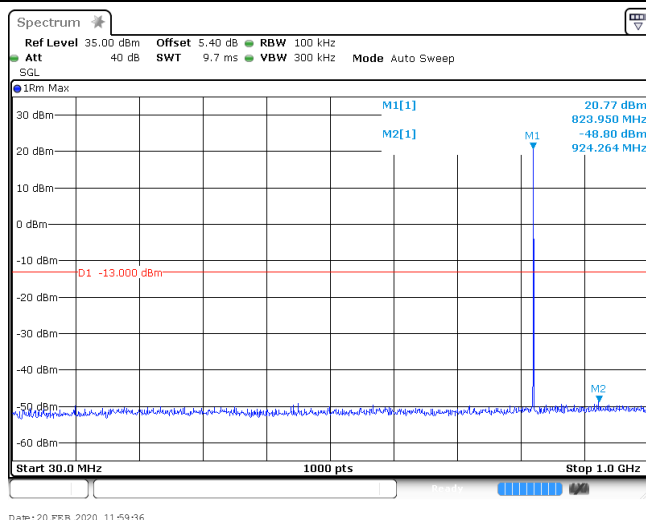


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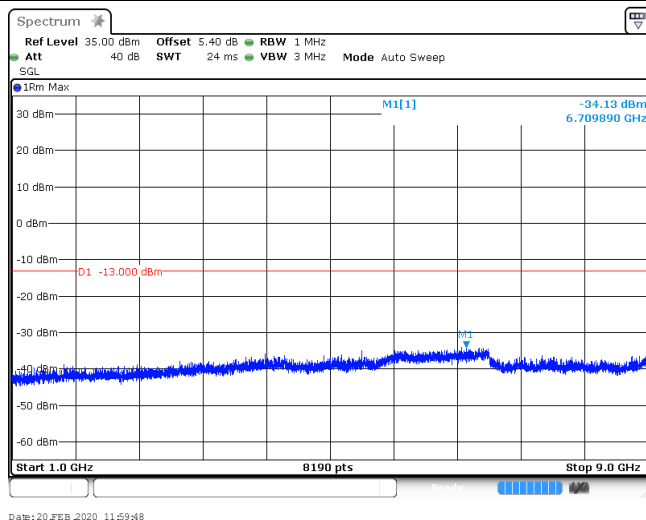


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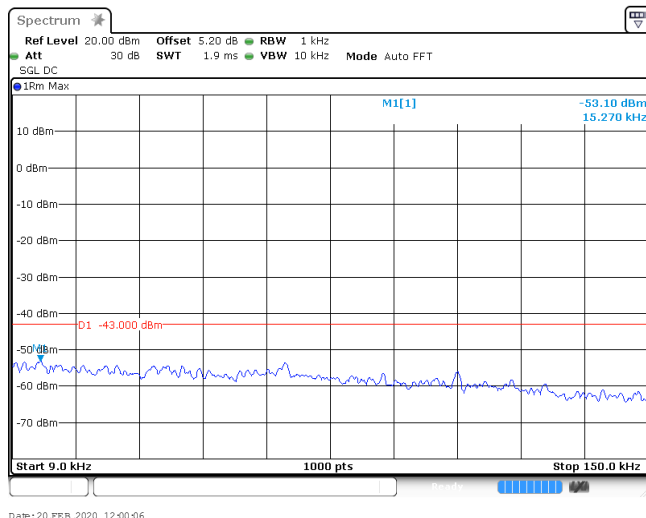
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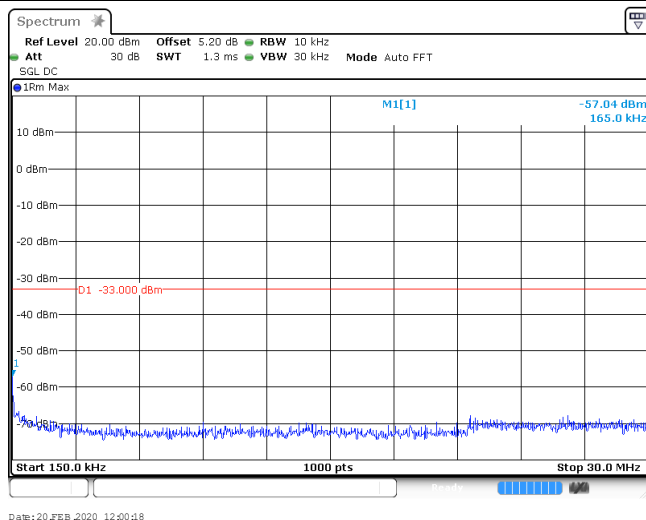
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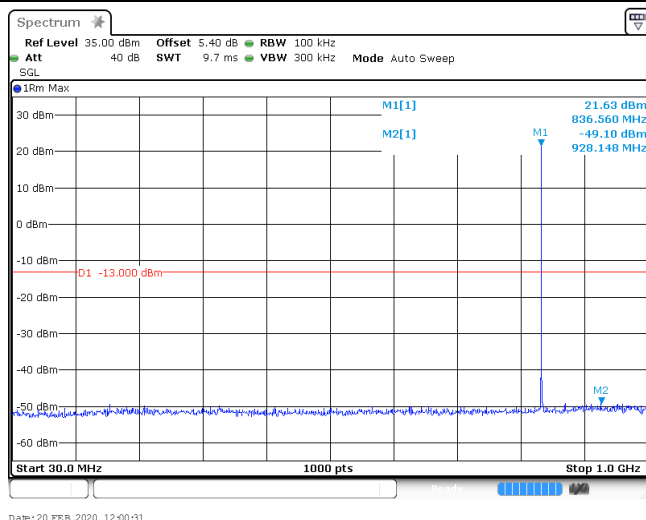


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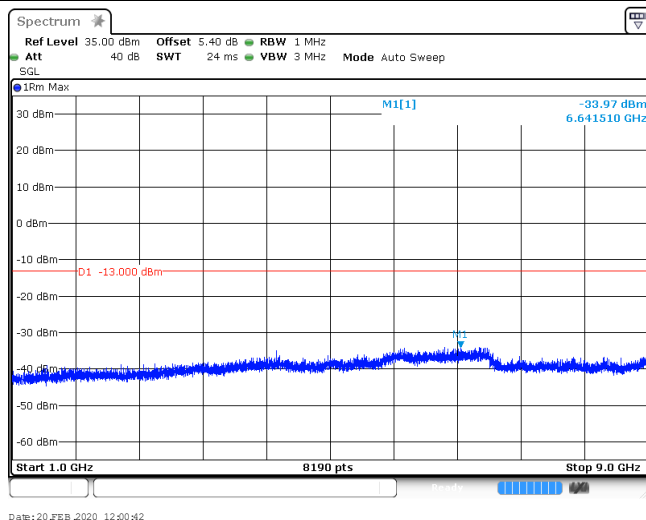
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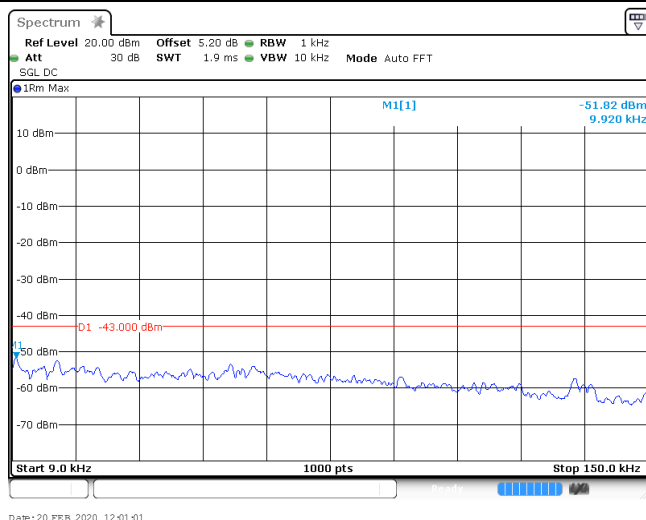


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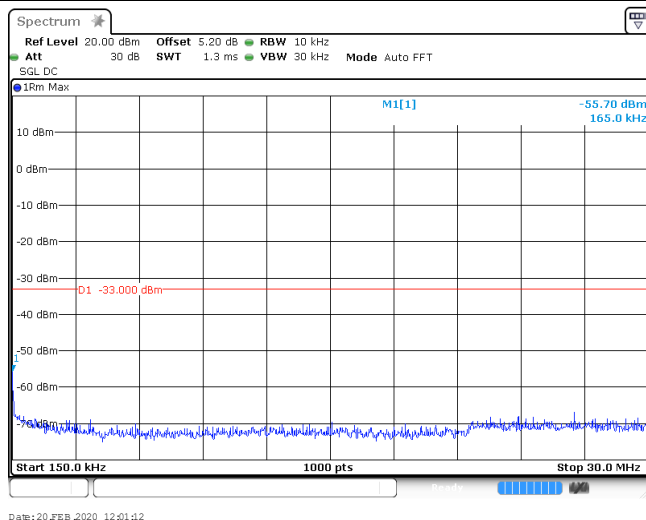


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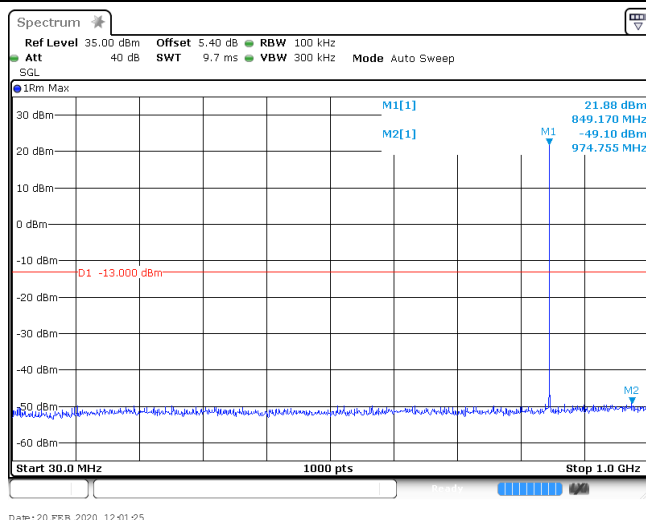


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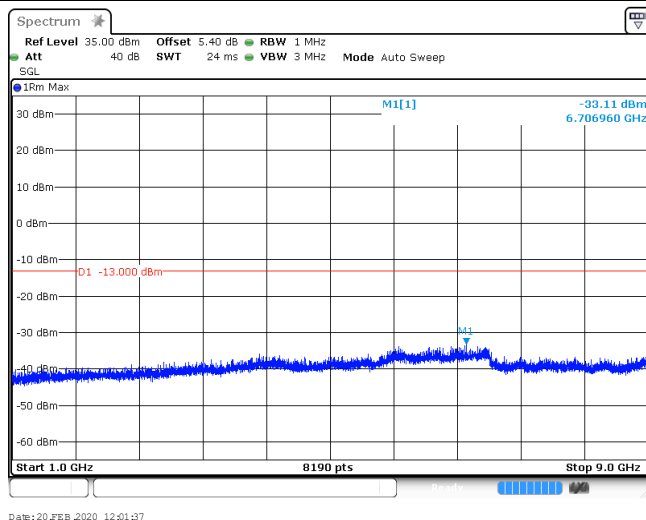
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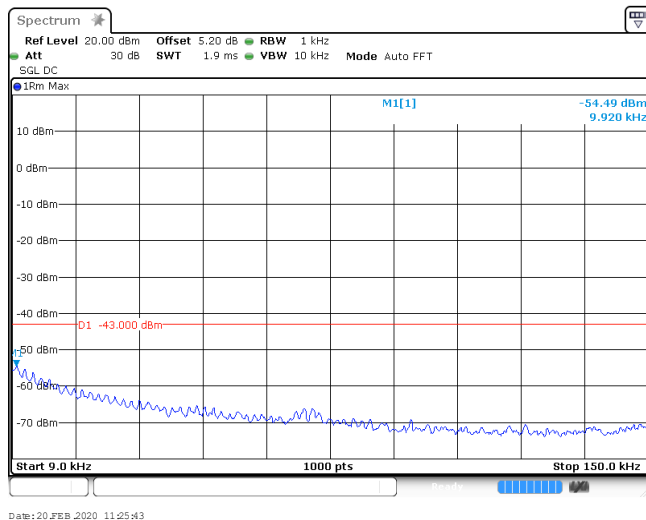
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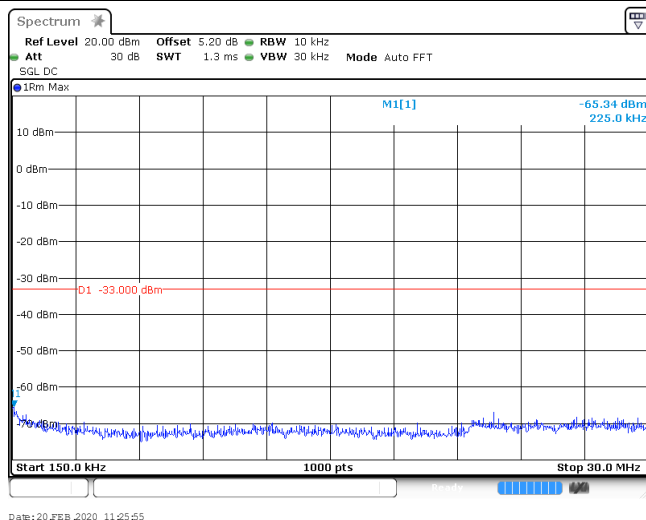
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GSM1900_512



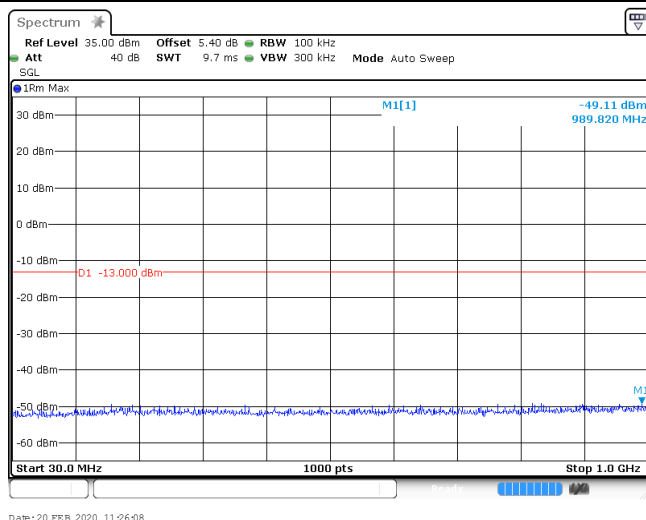


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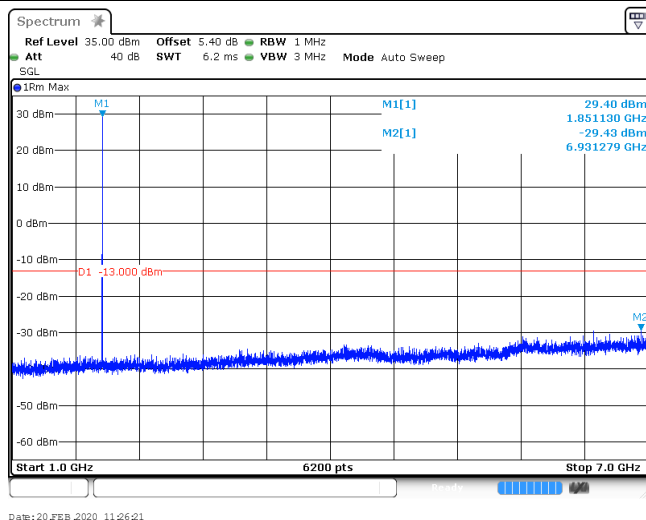


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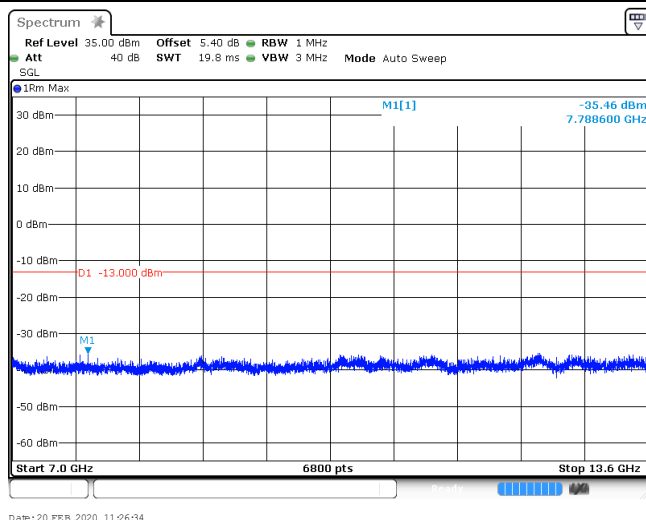


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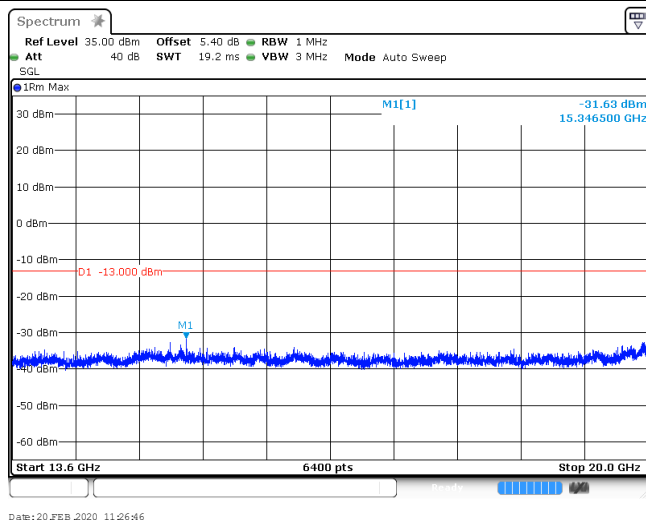


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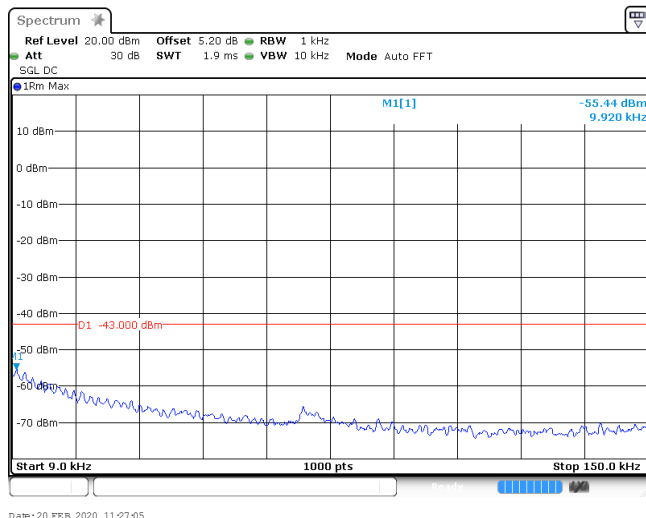
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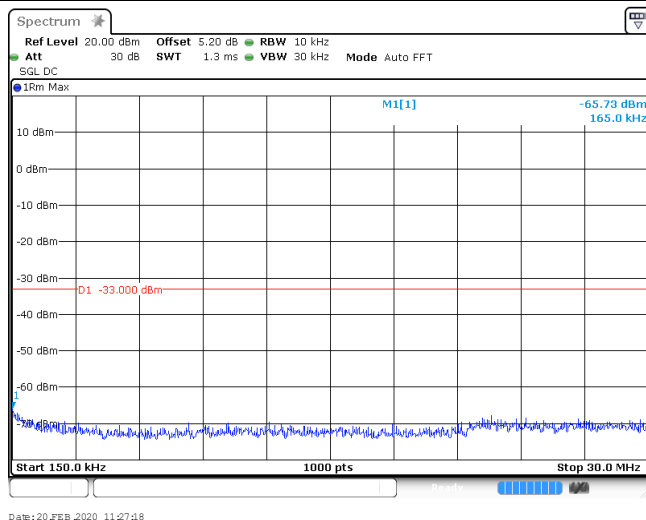
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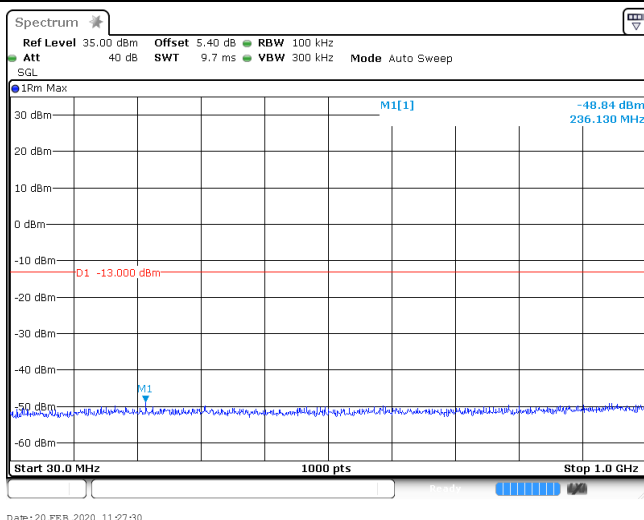
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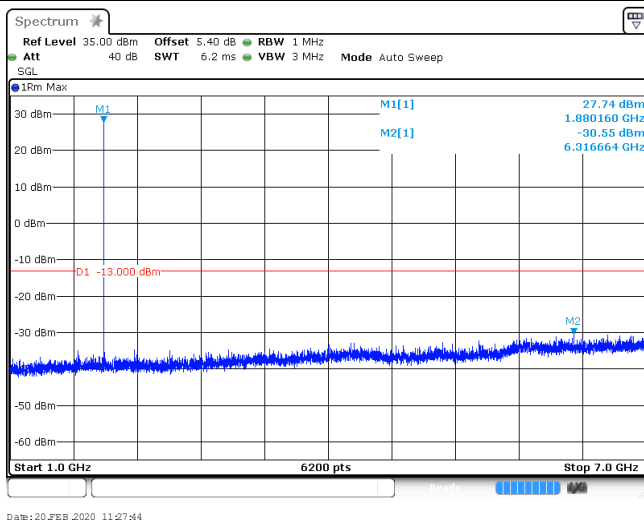
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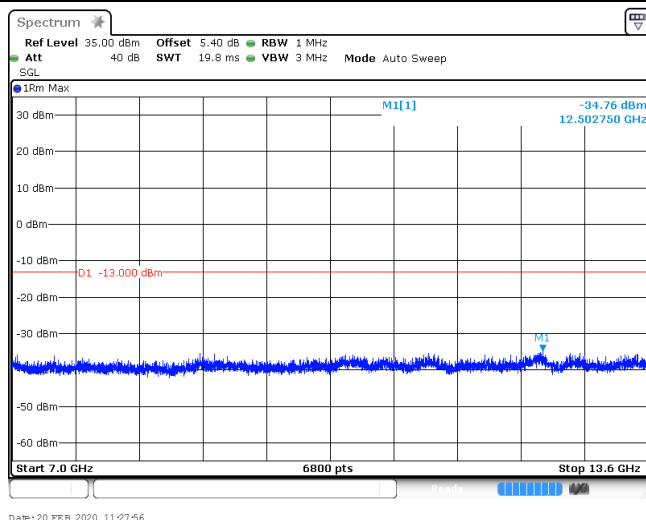
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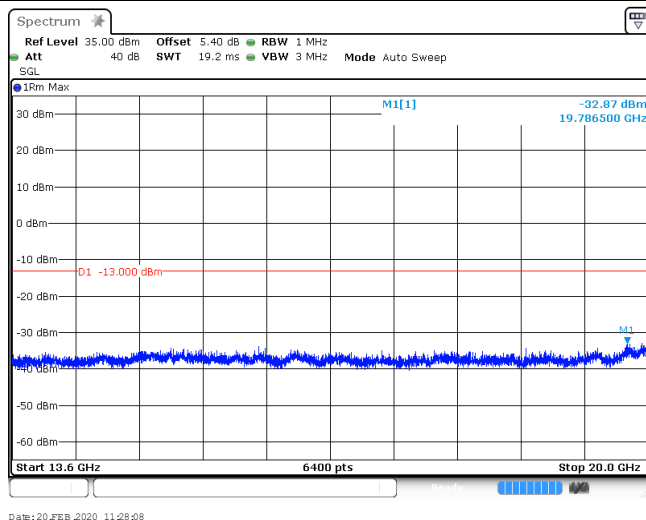
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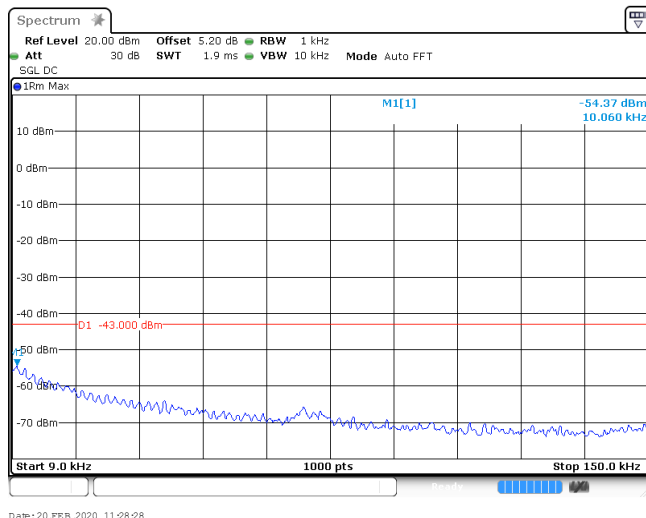
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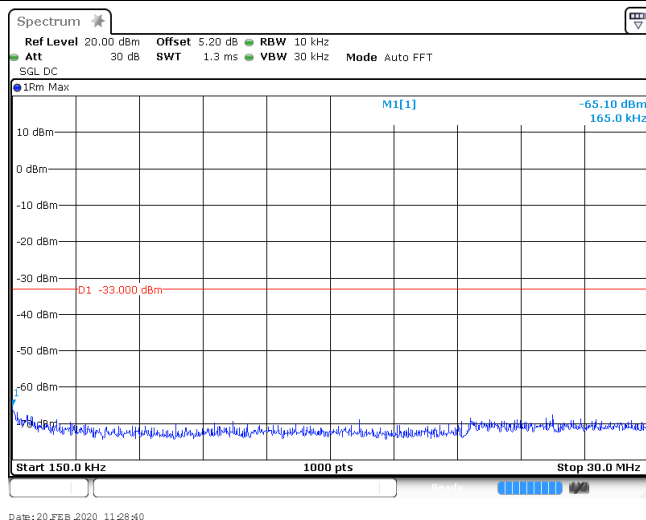
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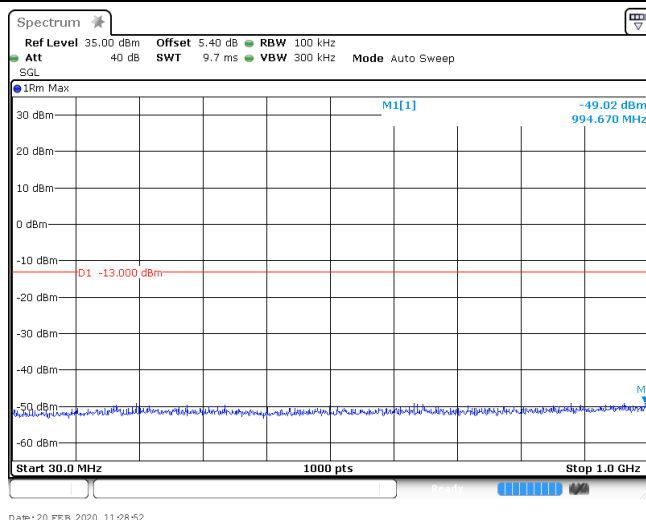


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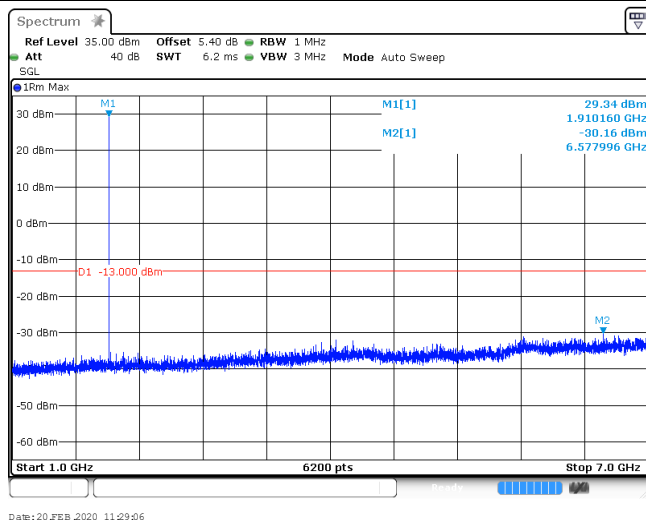


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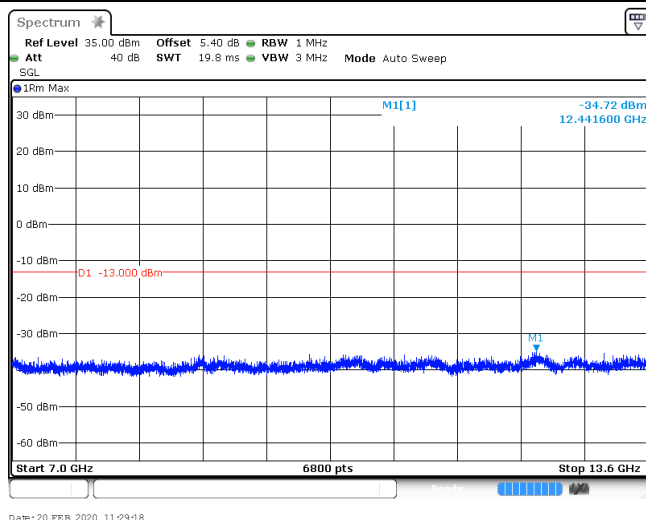
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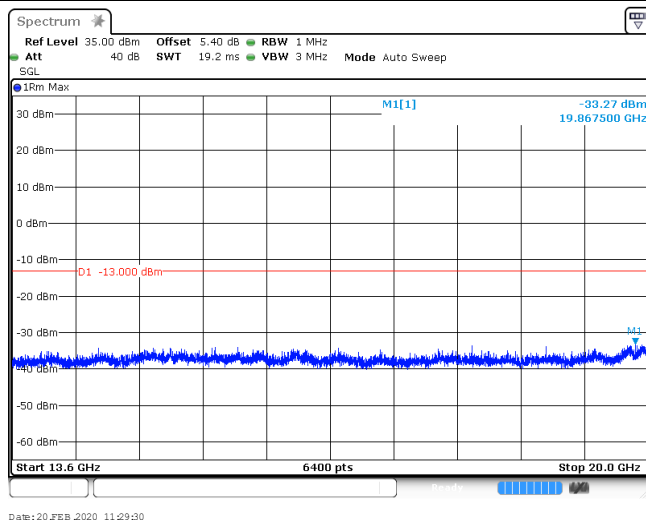
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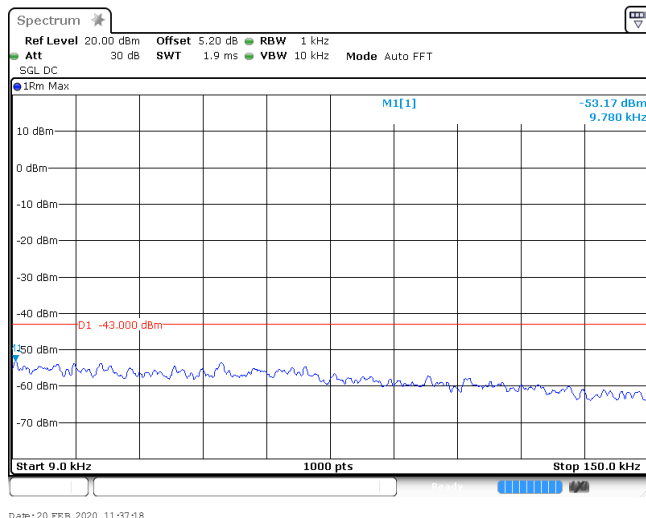


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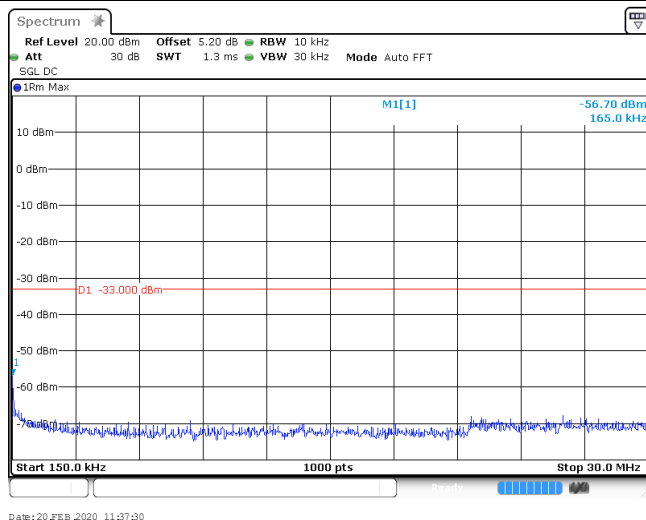
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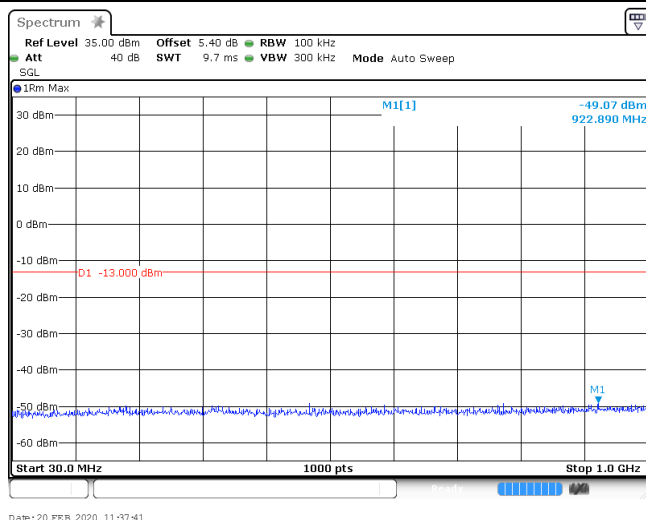


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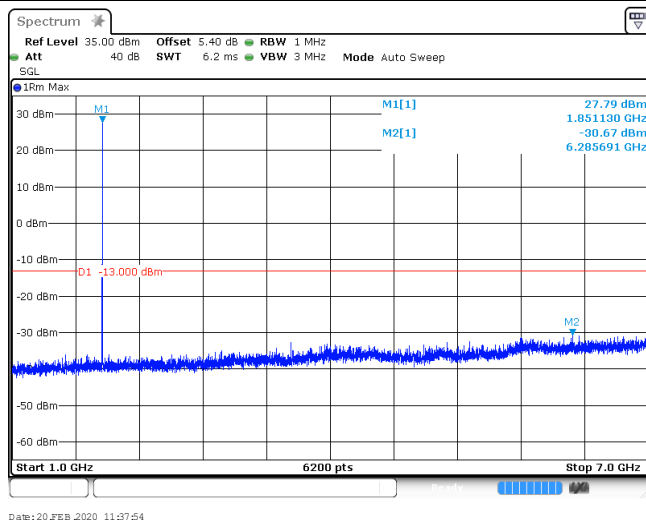


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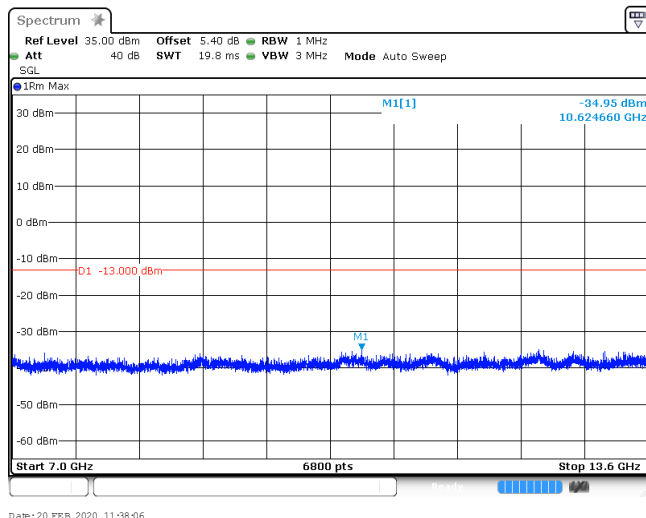


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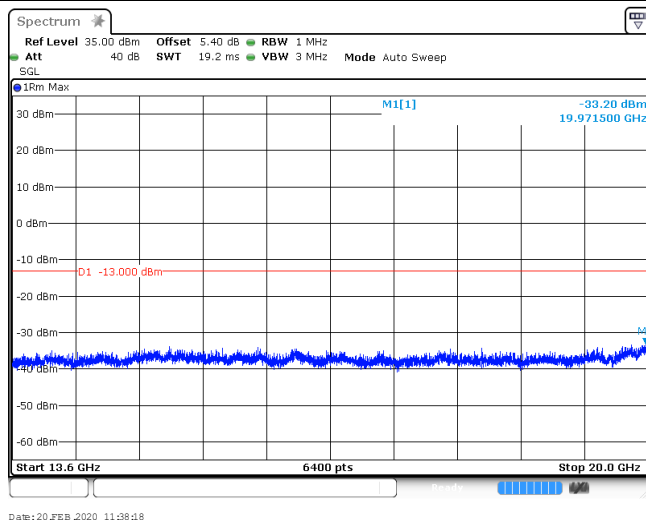
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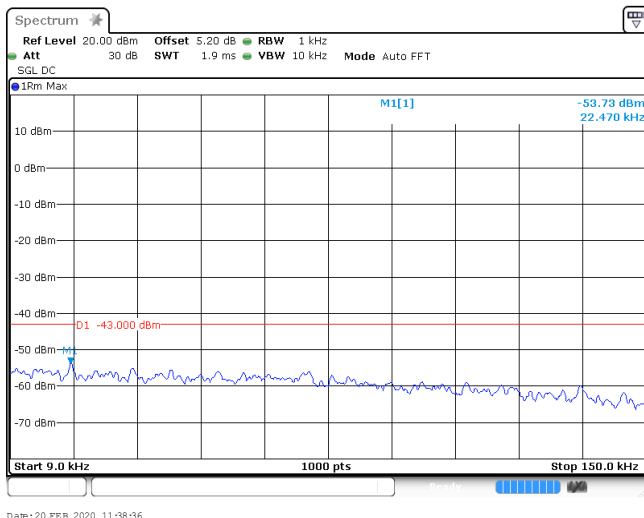
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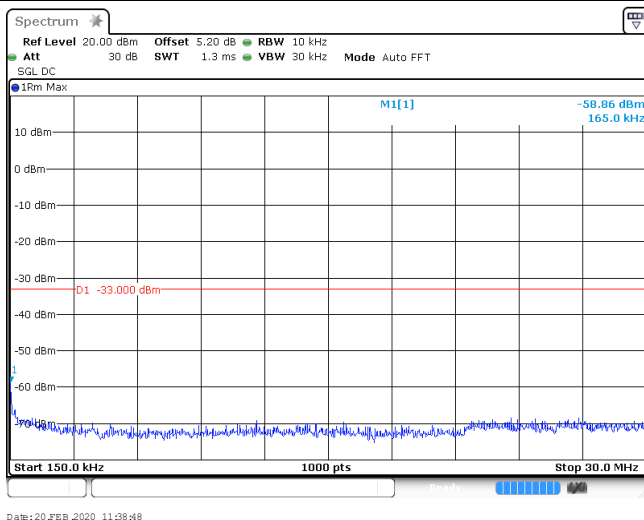
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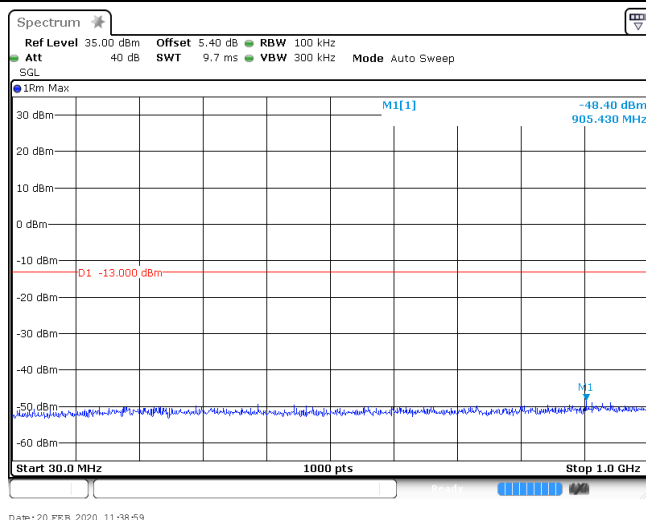
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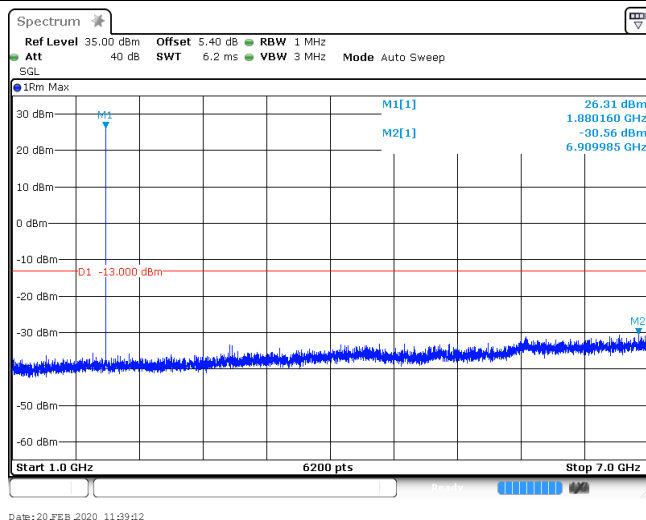
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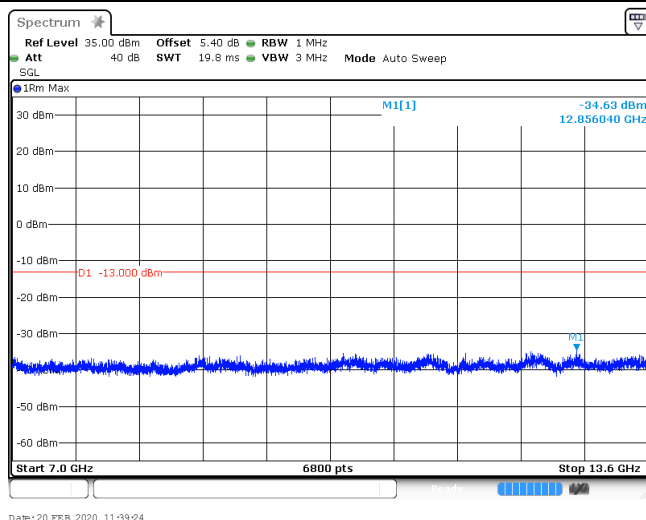


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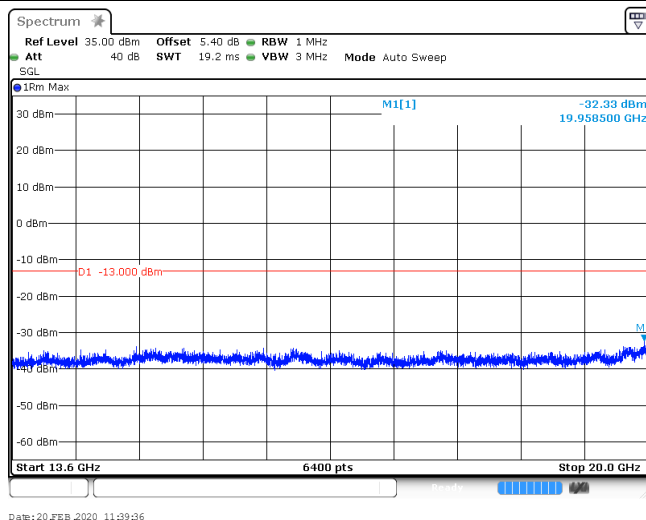


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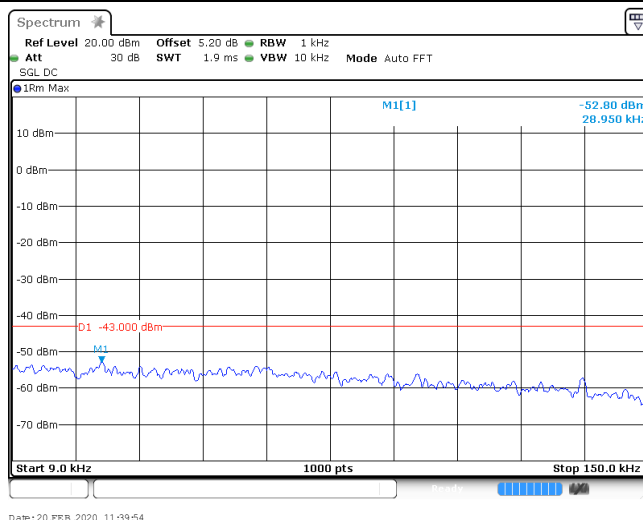
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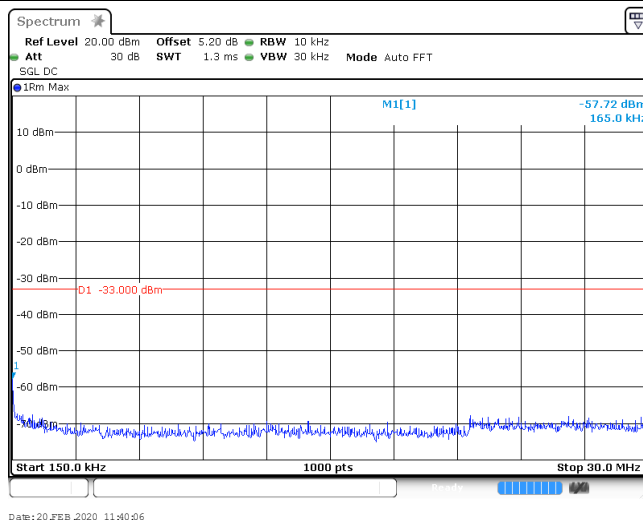
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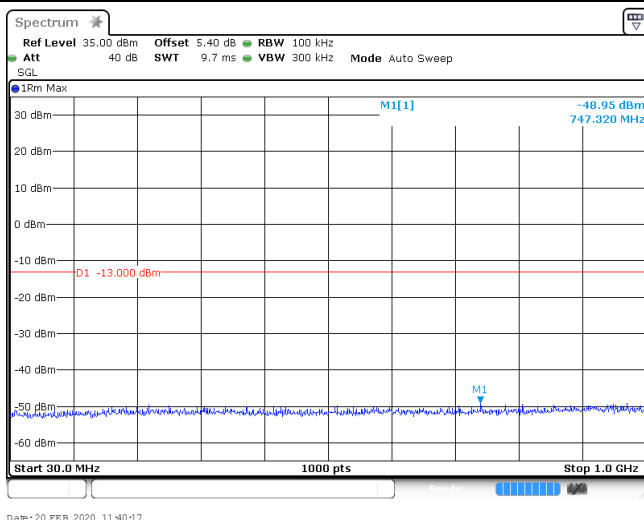


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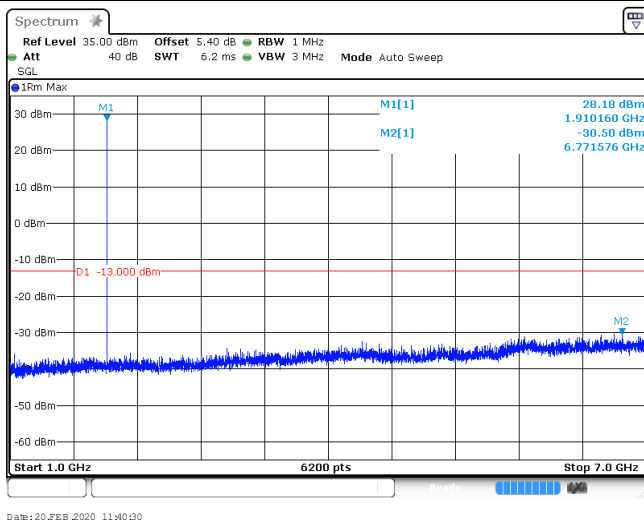
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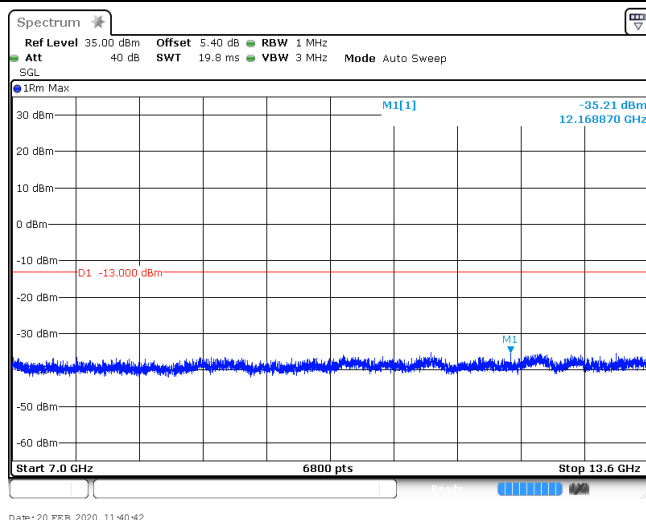


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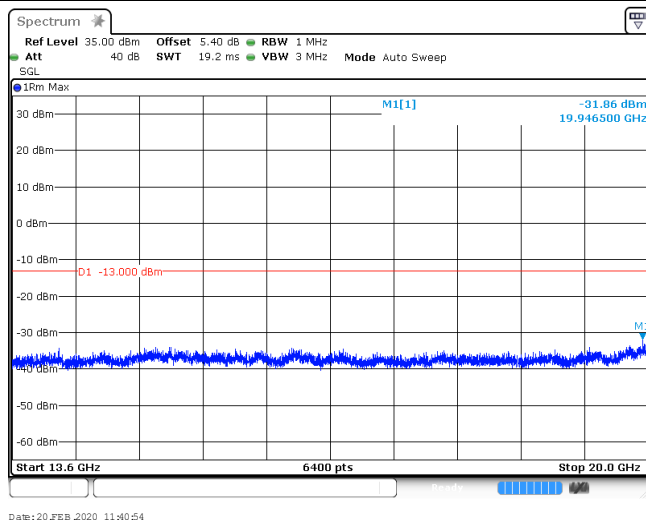
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EGPRS1900_810



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)	Height [cm]	Angle [°]	Polarization
110.2715	-64.76	-13.00	51.76	271	260	Vertical
2695.1390	-37.36	-13.00	24.36	254	305	Vertical
3700.5234	-43.73	-13.00	30.73	226	260	Vertical
5550.5850	-40.07	-13.00	27.07	281	356	Vertical
7400.6467	-46.04	-13.00	33.04	274	356	Vertical
11101.2700	-39.34	-13.00	26.34	259	131	Vertical
42.6591	-64.19	-13.00	51.19	184	131	Horizontal
2696.3393	-36.18	-13.00	23.18	175	154	Horizontal
3700.5234	-49.00	-13.00	36.00	194	354	Horizontal
5550.5850	-41.73	-13.00	28.73	184	67	Horizontal
11101.2700	-47.18	-13.00	34.18	188	4	Horizontal
16400.4467	-44.38	-13.00	31.38	192	354	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
112.6966	-64.46	-13.00	51.46	271	237	Vertical
2700.7401	-37.55	-13.00	24.55	254	110	Vertical
3760.0253	-47.63	-13.00	34.63	265	360	Vertical
5640.0880	-41.43	-13.00	28.43	274	333	Vertical
7520.1507	-48.27	-13.00	35.27	221	168	Vertical
11280.2760	-43.58	-13.00	30.58	296	360	Vertical
41.4951	-64.45	-13.00	51.45	174	36	Horizontal
2698.7397	-36.26	-13.00	23.26	188	231	Horizontal
3760.0253	-41.58	-13.00	28.58	175	263	Horizontal
5640.0880	-42.87	-13.00	29.87	198	68	Horizontal
11280.2760	-48.36	-13.00	35.36	175	36	Horizontal
16399.9467	-44.51	-13.00	31.51	165	327	Horizontal

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
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109.9320	-64.80	-13.00	51.80	271	163	Vertical
2707.1414	-37.56	-13.00	24.56	254	62	Vertical
3819.5273	-44.93	-13.00	31.93	284	259	Vertical
5729.5910	-42.13	-13.00	29.13	263	354	Vertical
11458.2819	-43.77	-13.00	30.77	228	163	Vertical
13368.3456	-44.13	-13.00	31.13	271	322	Vertical
46.1028	-63.29	-13.00	50.29	174	323	Horizontal
2699.9400	-36.17	-13.00	23.17	165	35	Horizontal
3819.5273	-44.68	-13.00	31.68	184	291	Horizontal
5729.0910	-44.92	-13.00	31.92	178	227	Horizontal
11458.7820	-50.34	-13.00	37.34	199	354	Horizontal
16400.4467	-44.30	-13.00	31.30	175	195	Horizontal

7.2. Test Band = GSM 850

7.2.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
113.6182	-62.94	-13.00	49.94	271	195	Vertical
1648.5297	-52.83	-13.00	39.83	248	263	Vertical
2472.6945	-43.49	-13.00	30.49	263	314	Vertical
3297.0099	-47.94	-13.00	34.94	284	35	Vertical
4121.0374	-36.53	-13.00	23.53	257	195	Vertical
14482.3827	-47.79	-13.00	34.79	266	228	Vertical
43.9202	-63.13	-13.00	50.13	184	227	Horizontal
1648.1296	-42.54	-13.00	29.54	154	61	Horizontal
2472.6945	-44.48	-13.00	31.48	196	18	Horizontal
3296.5099	-38.49	-13.00	25.49	188	354	Horizontal
4121.0374	-38.85	-13.00	25.85	159	291	Horizontal
16400.4467	-44.31	-13.00	31.31	165	99	Horizontal

7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
109.8835	-63.97	-13.00	50.97	271	229	Vertical
1672.9346	-49.84	-13.00	36.84	254	280	Vertical
2509.9020	-40.03	-13.00	27.03	248	131	Vertical
3346.5116	-52.74	-13.00	39.74	263	292	Vertical
4183.0394	-37.02	-13.00	24.02	247	197	Vertical
14464.3821	-48.15	-13.00	35.15	256	324	Vertical
37.9059	-63.20	-13.00	50.20	184	38	Horizontal



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1672.9346	-39.24	-13.00	26.24	175	29	Horizontal
2509.5019	-40.94	-13.00	27.94	195	180	Horizontal
3346.5116	-44.18	-13.00	31.18	188	356	Horizontal
4183.0394	-41.48	-13.00	28.48	159	198	Horizontal
16371.9457	-44.64	-13.00	31.64	162	167	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
110.4655	-63.68	-13.00	50.68	184	359	Vertical
1697.3395	-45.00	-13.00	32.00	195	353	Vertical
2546.3093	-38.56	-13.00	25.56	175	291	Vertical
3395.0132	-50.88	-13.00	37.88	169	266	Vertical
4244.0415	-38.07	-13.00	25.07	198	68	Vertical
11882.2961	-47.50	-13.00	34.50	157	330	Vertical
40.4765	-62.94	-13.00	49.94	271	67	Horizontal
1697.7395	-35.80	-13.00	22.80	148	329	Horizontal
2546.3093	-39.09	-13.00	26.09	175	304	Horizontal
3395.0132	-40.54	-13.00	27.54	196	353	Horizontal
4244.0415	-42.80	-13.00	29.80	187	194	Horizontal
16396.4465	-44.25	-13.00	31.25	195	35	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	-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



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