

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	---	32.23	31.58	38.45	PASS
GSM850	190	---	32.10	31.45	38.45	PASS
GSM850	251	---	31.86	31.21	38.45	PASS
GPRS850	128	1	31.88	31.23	38.45	PASS
GPRS850	128	2	31.07	30.42	38.45	PASS
GPRS850	128	3	28.74	28.09	38.45	PASS
GPRS850	128	4	26.60	25.95	38.45	PASS
GPRS850	190	1	31.66	31.01	38.45	PASS
GPRS850	190	2	30.77	30.12	38.45	PASS
GPRS850	190	3	28.59	27.94	38.45	PASS
GPRS850	190	4	26.34	25.69	38.45	PASS
GPRS850	251	1	31.40	30.75	38.45	PASS
GPRS850	251	2	30.57	29.92	38.45	PASS
GPRS850	251	3	28.40	27.75	38.45	PASS
GPRS850	251	4	26.27	25.62	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	28.33	29.23	33.00	PASS
GSM1900	661	---	28.14	29.04	33.00	PASS
GSM1900	810	---	27.94	28.84	33.00	PASS
GPRS1900	512	1	28.31	29.21	33.00	PASS
GPRS1900	512	2	26.85	27.75	33.00	PASS
GPRS1900	512	3	25.01	25.91	33.00	PASS
GPRS1900	512	4	22.86	23.76	33.00	PASS
GPRS1900	661	1	28.10	29.00	33.00	PASS
GPRS1900	661	2	26.16	27.06	33.00	PASS
GPRS1900	661	3	24.04	24.94	33.00	PASS
GPRS1900	661	4	22.13	23.03	33.00	PASS
GPRS1900	810	1	27.84	28.74	33.00	PASS
GPRS1900	810	2	25.85	26.75	33.00	PASS
GPRS1900	810	3	23.57	24.47	33.00	PASS
GPRS1900	810	4	21.50	22.40	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] = Conducted Power [dBm] + Gain [dBd]

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



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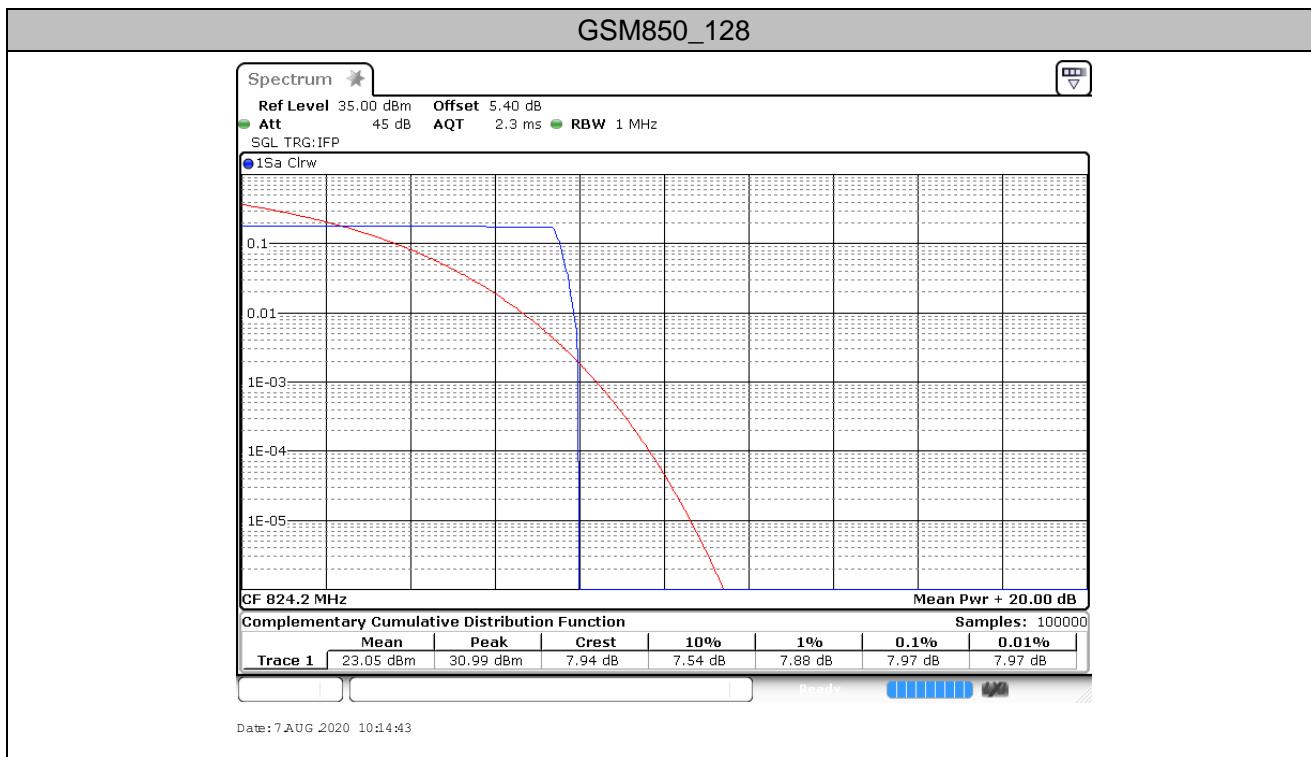
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2. Peak-to-Average Ratio

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	7.97	13	PASS
GSM850	190	8.00	13	PASS
GSM850	251	7.91	13	PASS
GPRS850	128	7.94	13	PASS
GPRS850	190	7.97	13	PASS
GPRS850	251	7.91	13	PASS
GSM1900	512	7.86	13	PASS
GSM1900	661	7.88	13	PASS
GSM1900	810	7.91	13	PASS
GPRS1900	512	7.88	13	PASS
GPRS1900	661	7.83	13	PASS
GPRS1900	810	7.86	13	PASS

2.2. Part II - Test Plots



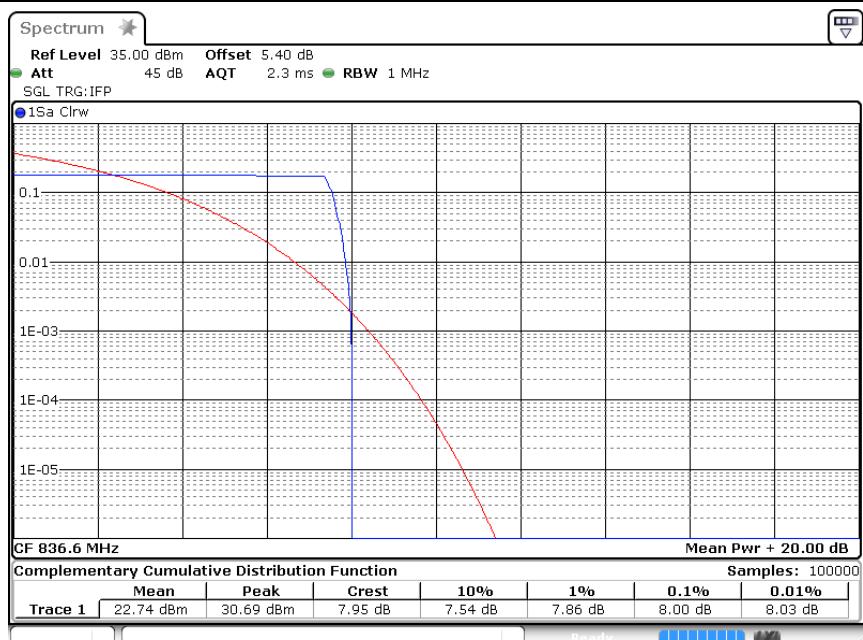
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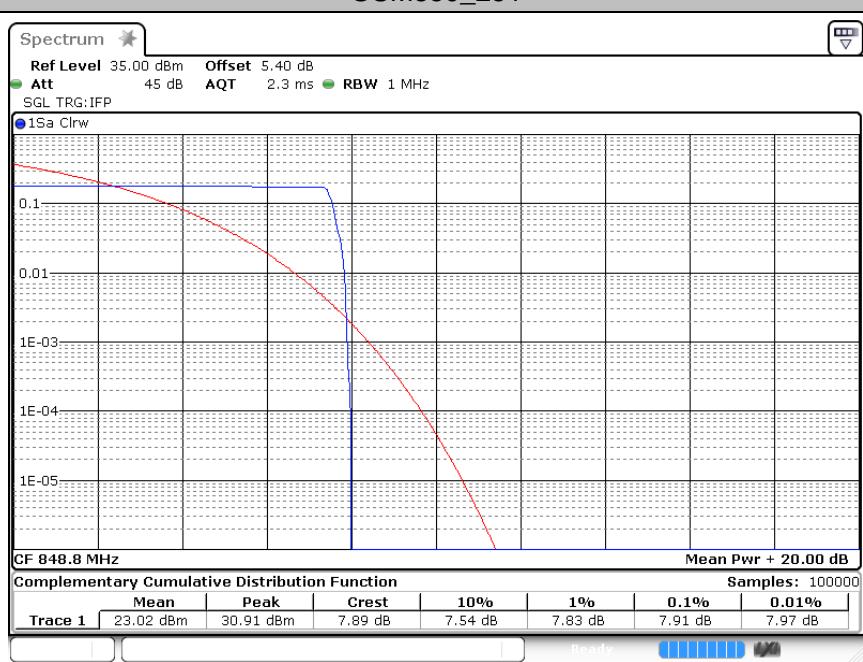




GSM850_190



GSM850_251

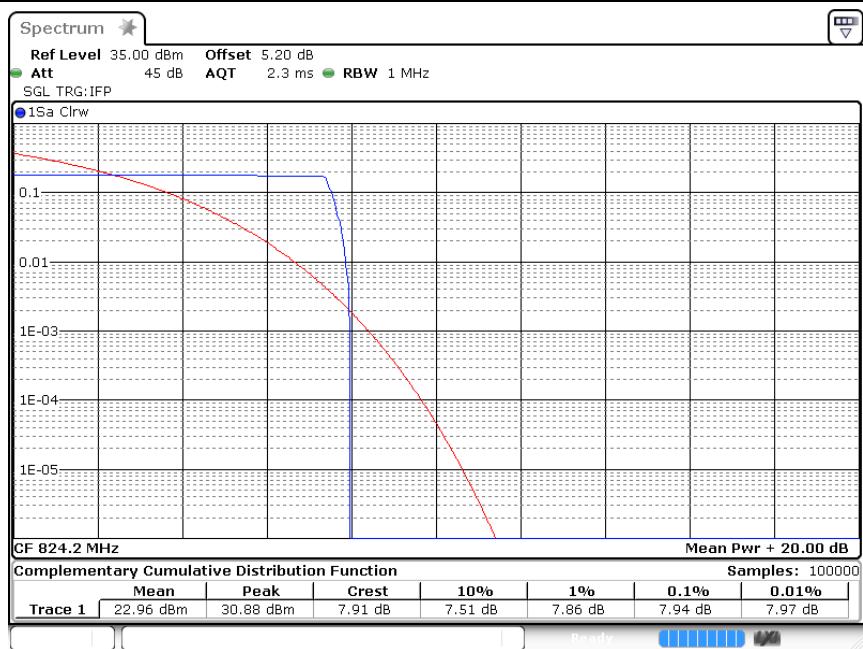


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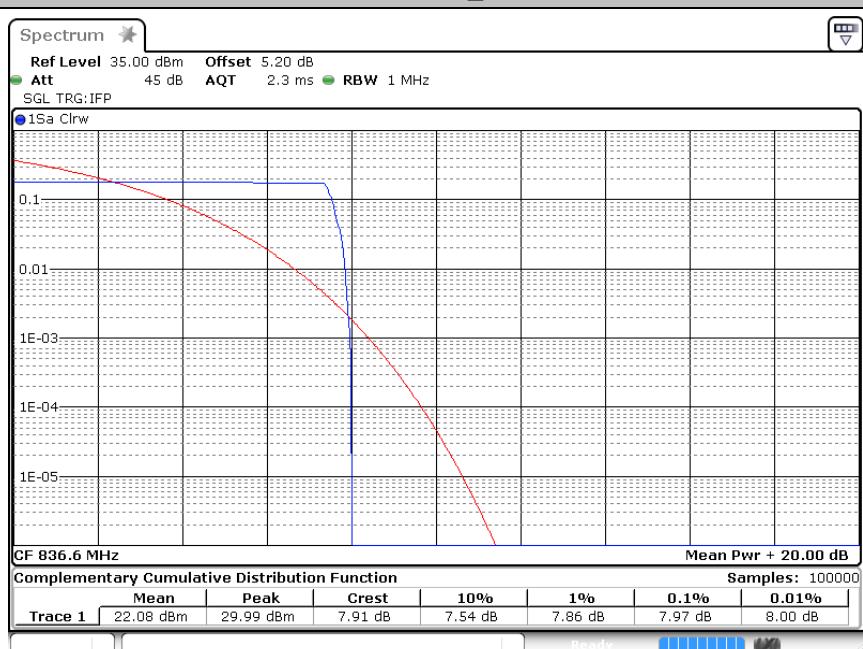
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GPRS850_128



GPRS850_190



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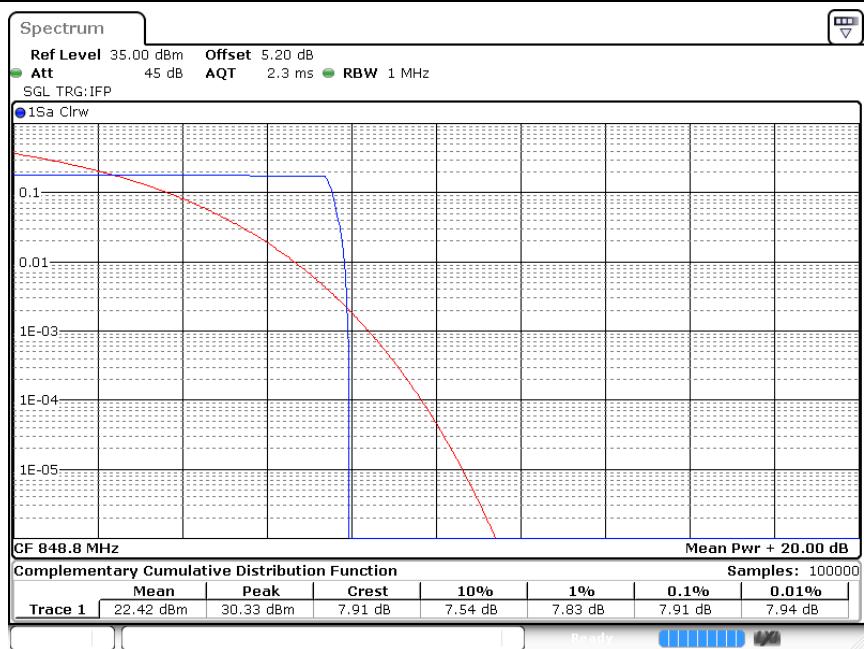
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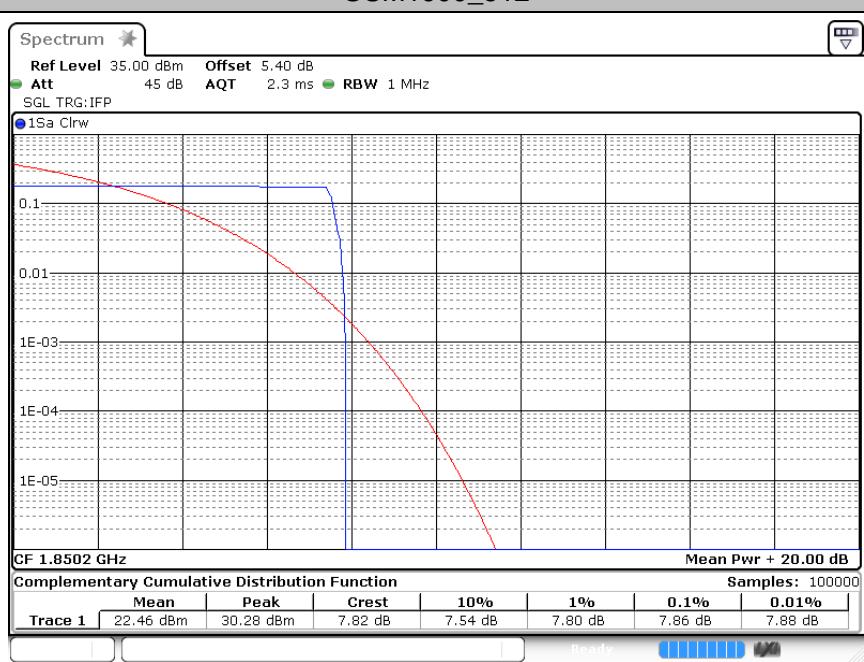
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GPRS850_251



GSM1900_512



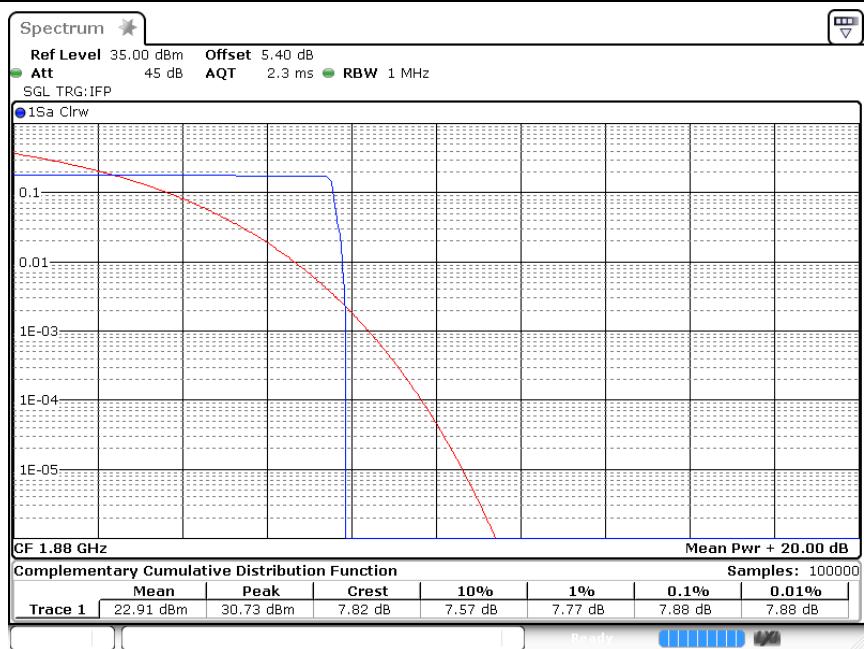
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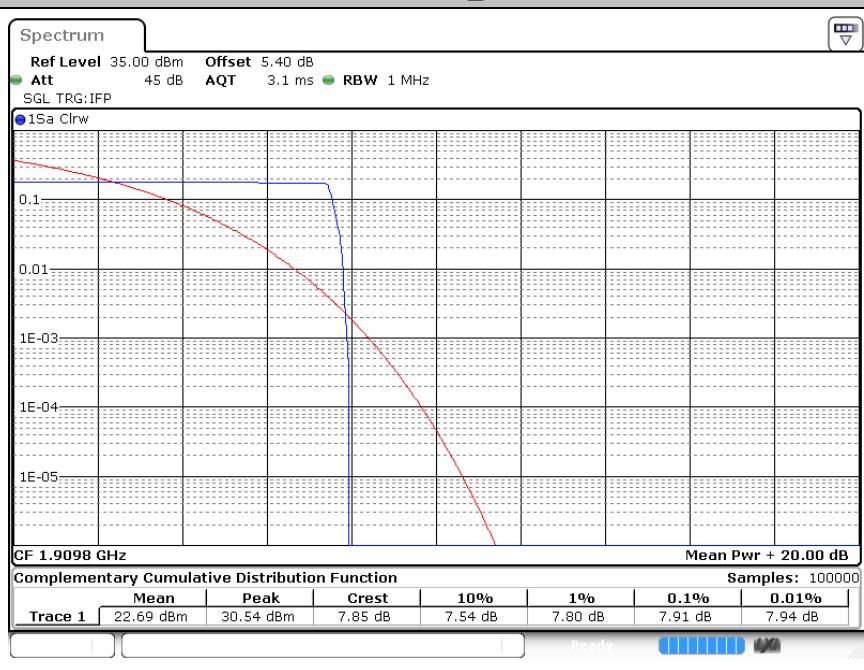




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GSM1900_810



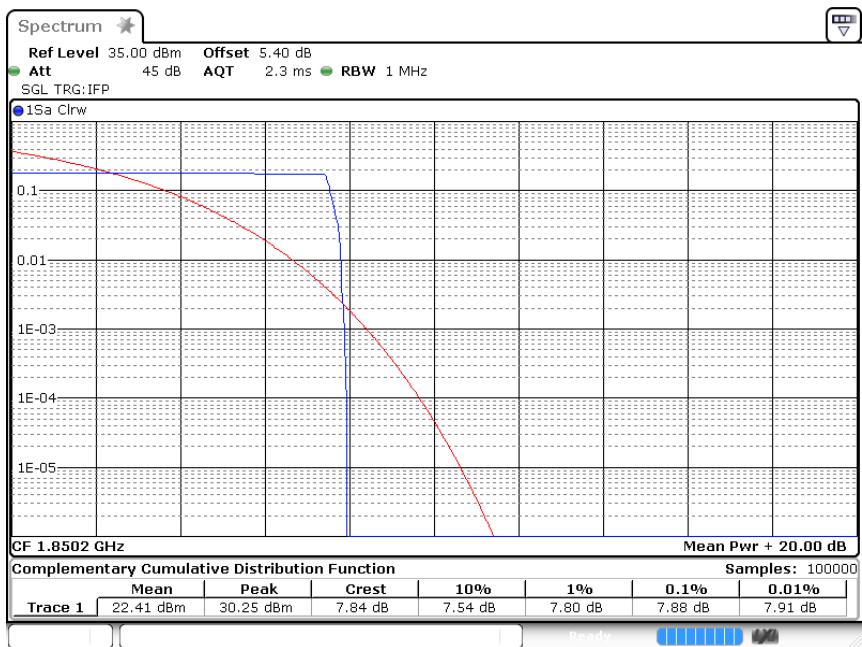
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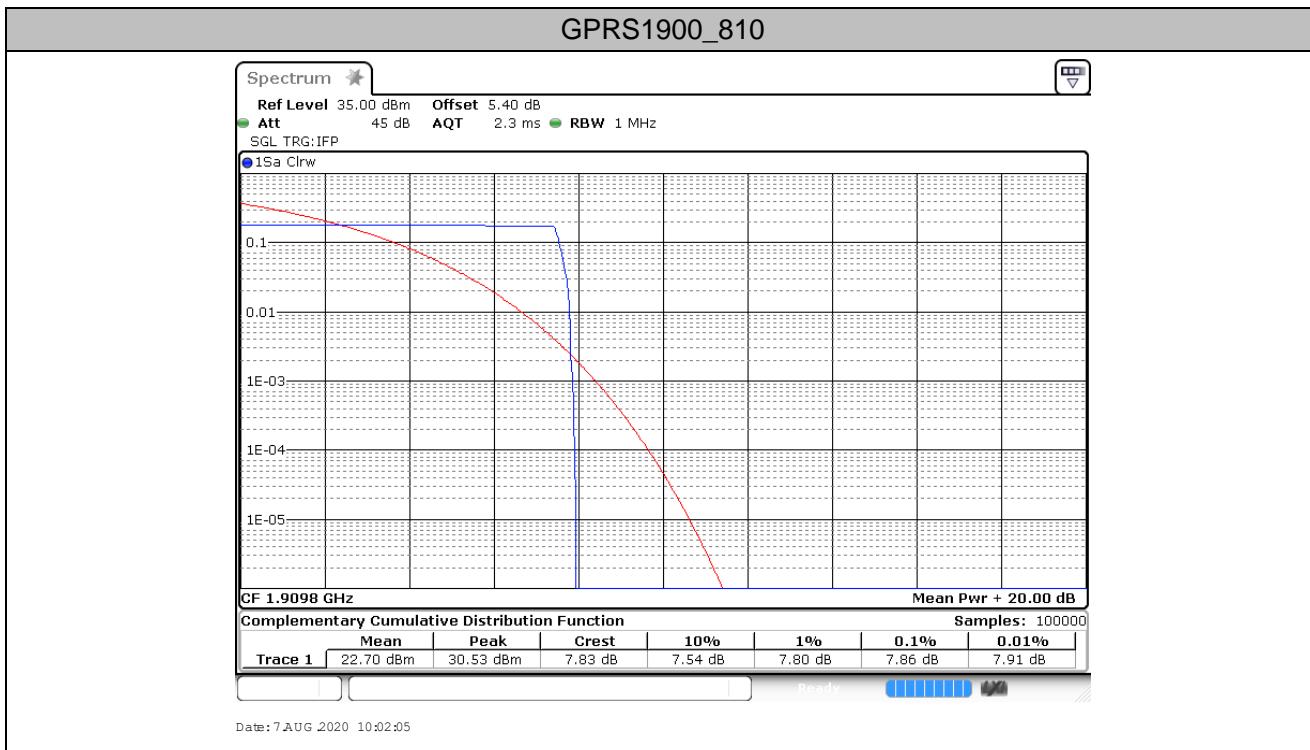
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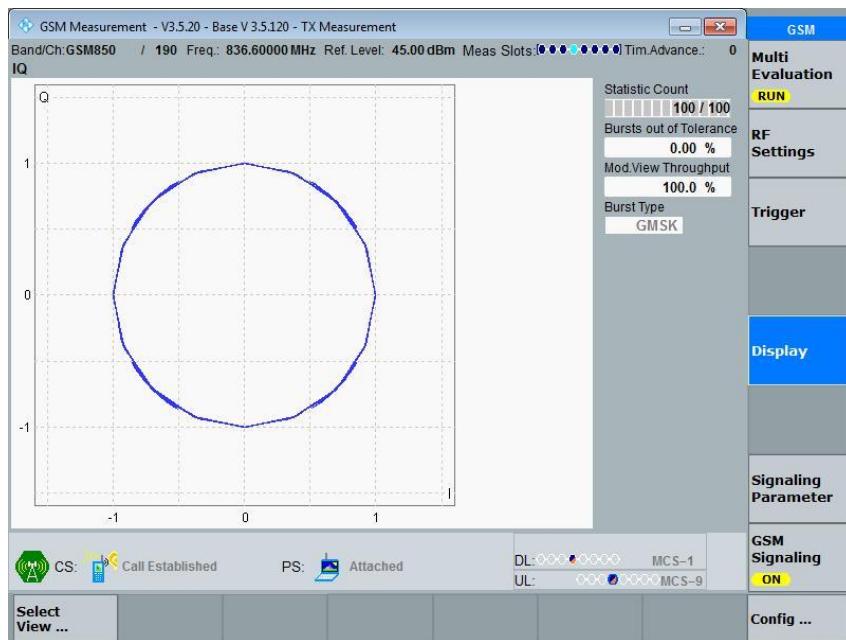
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

3.1.1.1.1. Test Channel = MCH



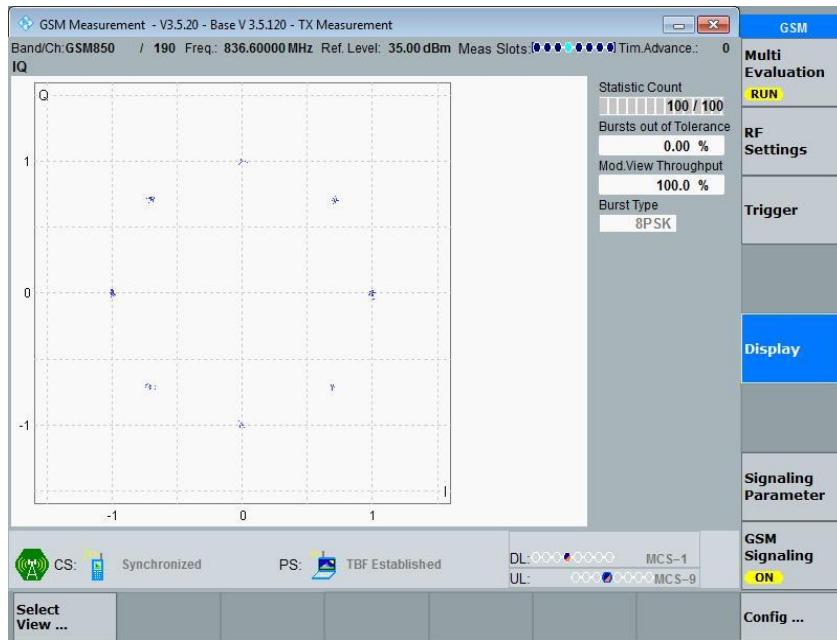
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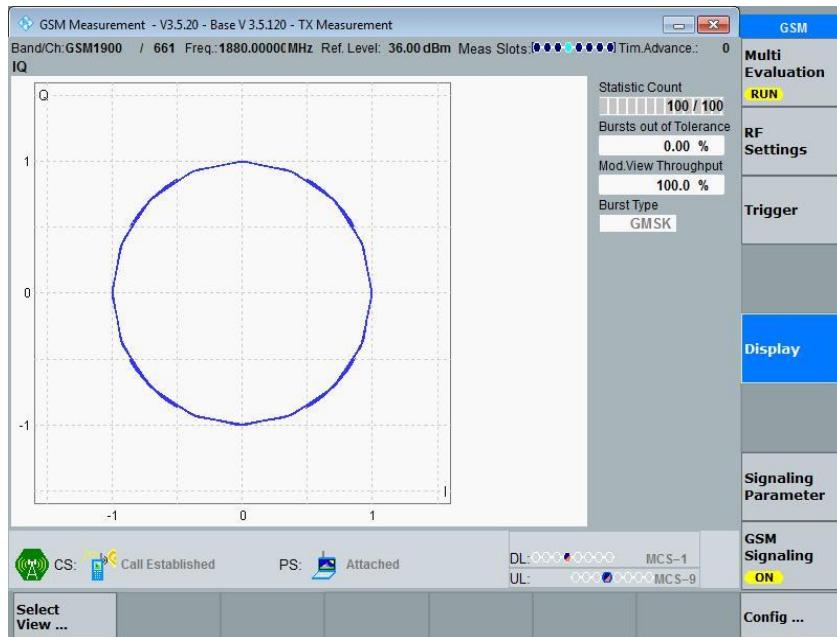
3.1.1.2. Test Mode = GSM/TM2**3.1.1.2.1. Test Channel = MCH**

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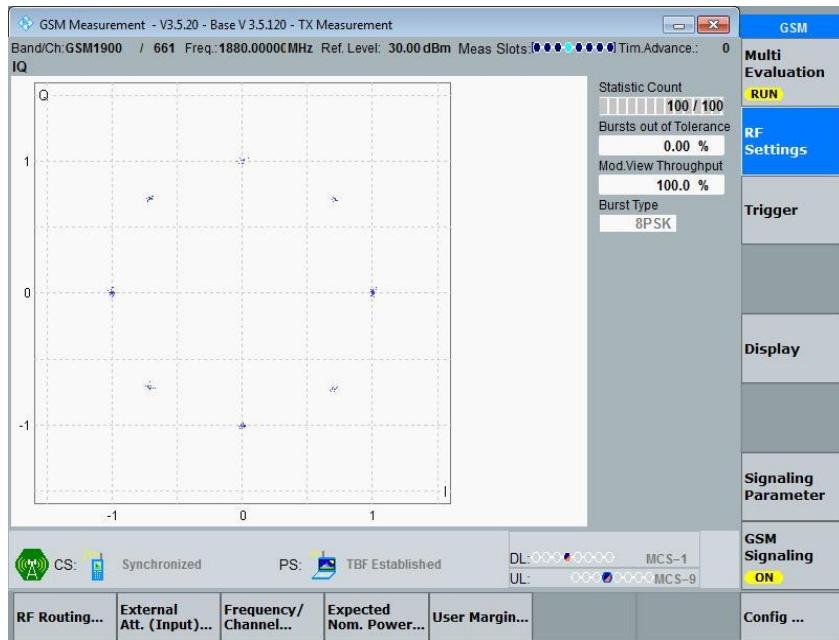
3.1.2. Test Band = GSM 1900**3.1.2.1. Test Mode = GSM/TM1****3.1.2.1.1. Test Channel = MCH**

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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	237.34	295.65	---	PASS
GSM850	190	240.23	294.20	---	PASS
GSM850	251	234.44	286.96	---	PASS
GPRS850	128	234.44	284.06	---	PASS
GPRS850	190	237.34	294.20	---	PASS
GPRS850	251	235.89	304.35	---	PASS
GSM1900	512	240.23	291.30	---	PASS
GSM1900	661	237.34	294.20	---	PASS
GSM1900	810	237.34	297.10	---	PASS
GPRS1900	512	235.89	282.61	---	PASS
GPRS1900	661	235.89	298.55	---	PASS
GPRS1900	810	235.89	275.36	---	PASS

4.2. Test Plots

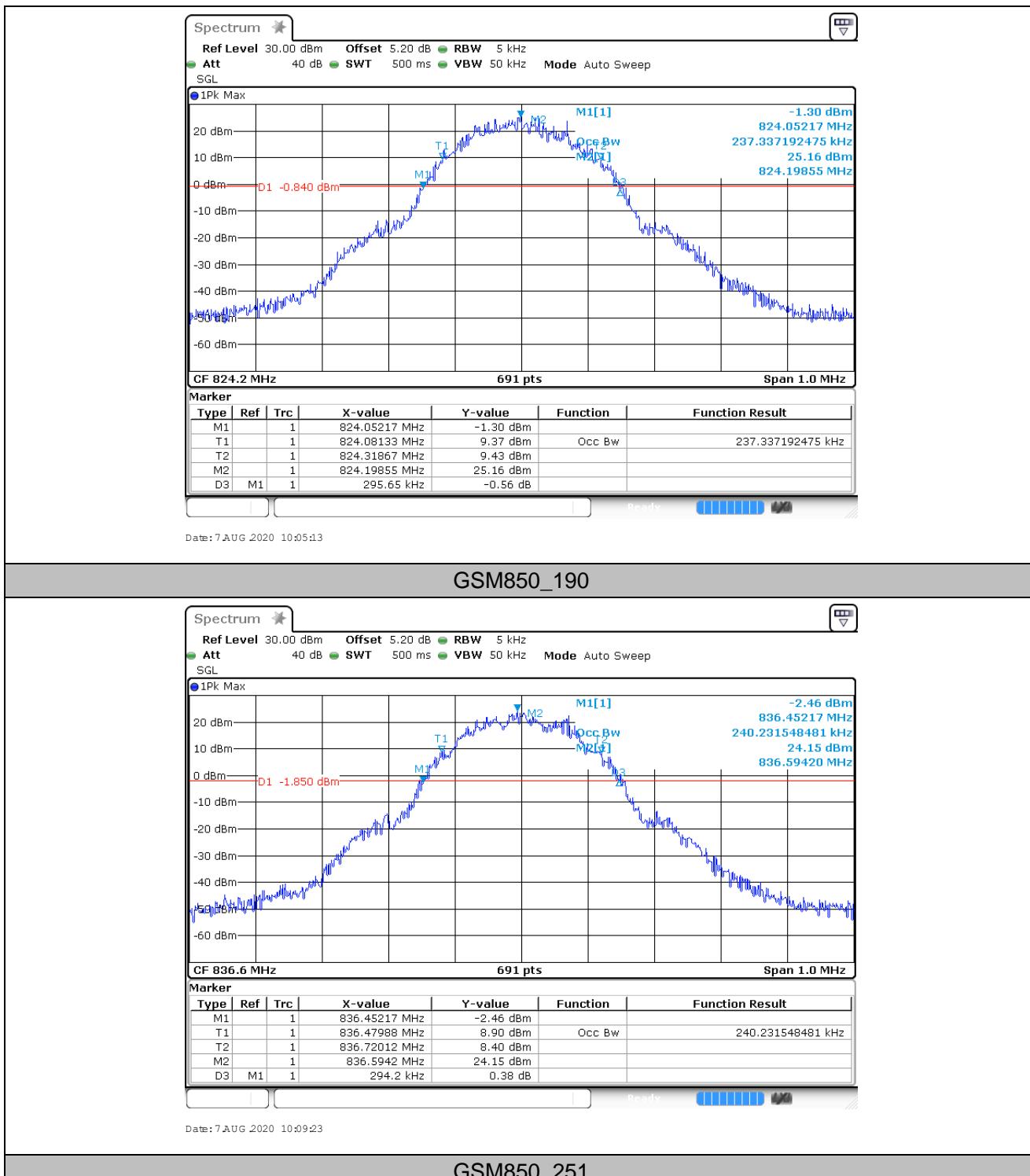
GSM850_128



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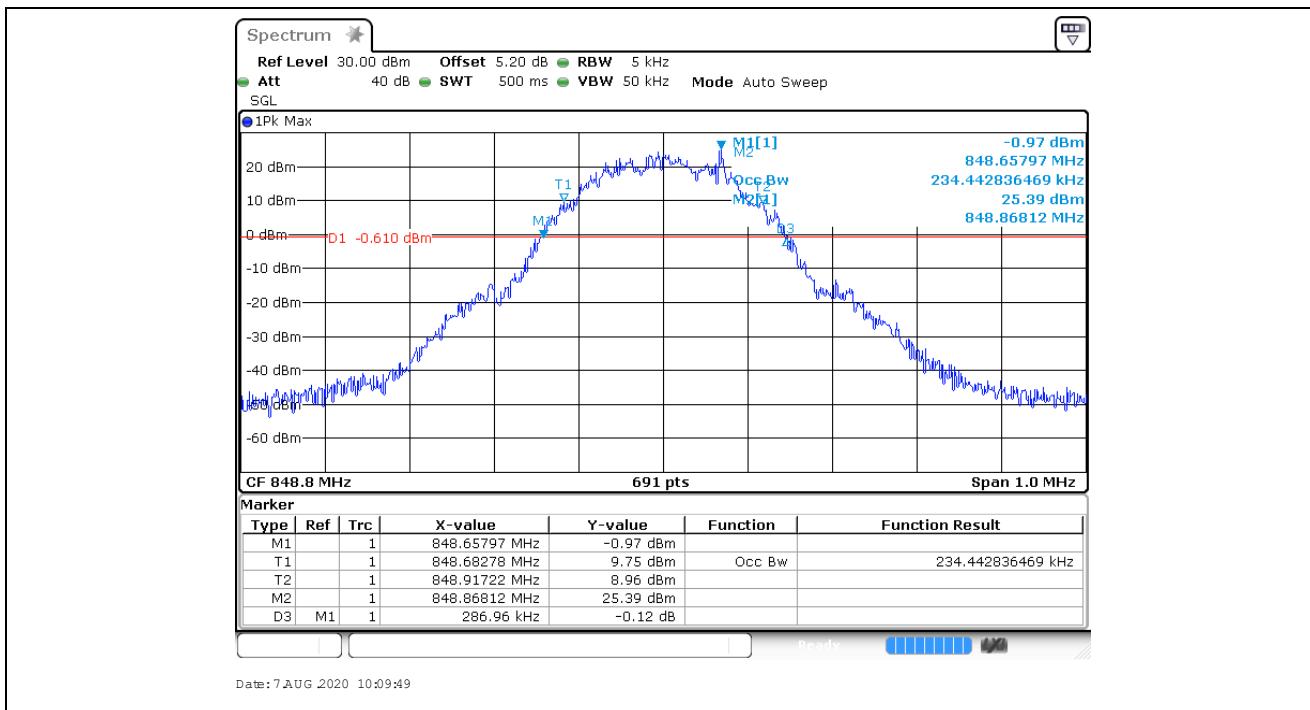
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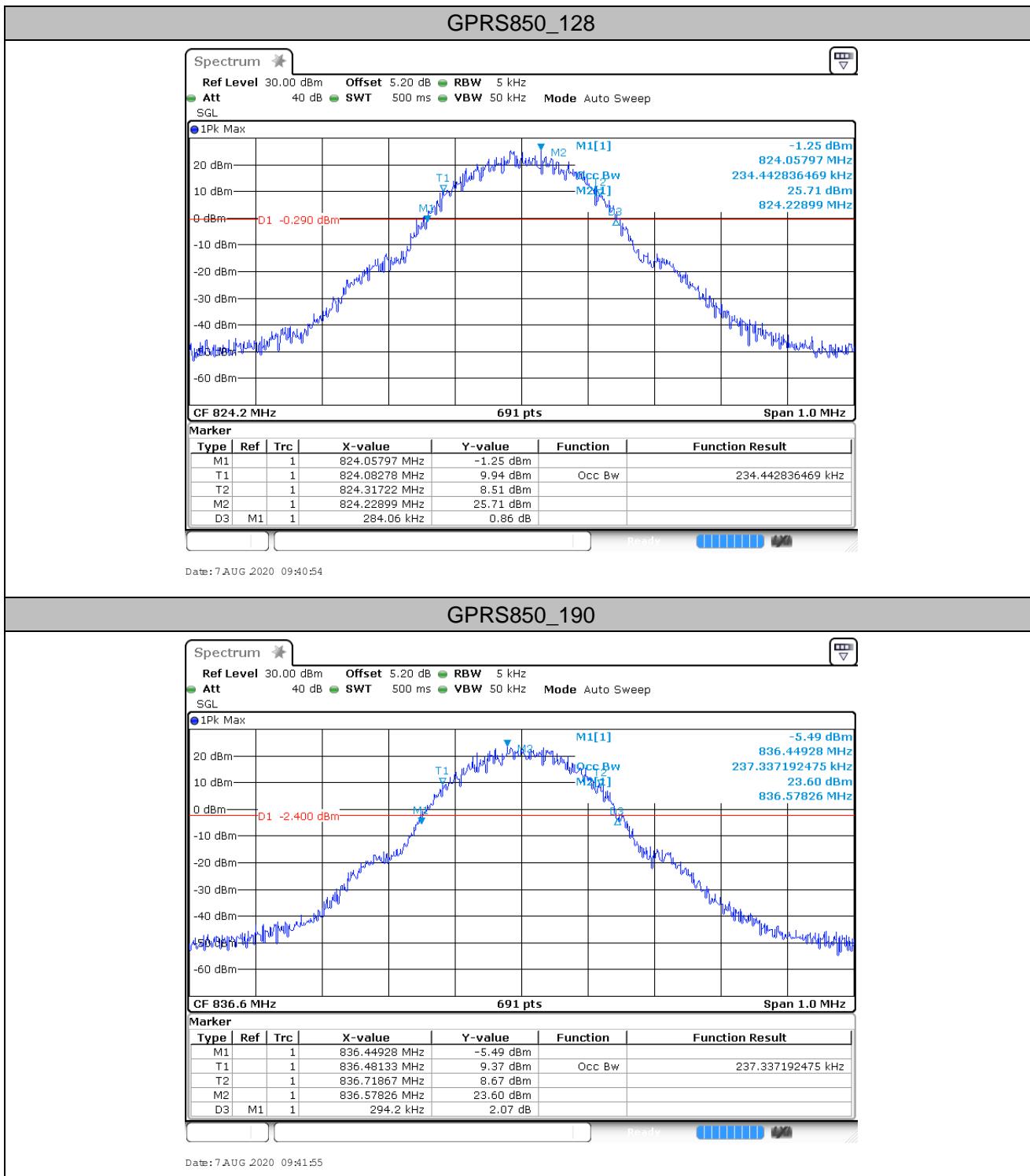


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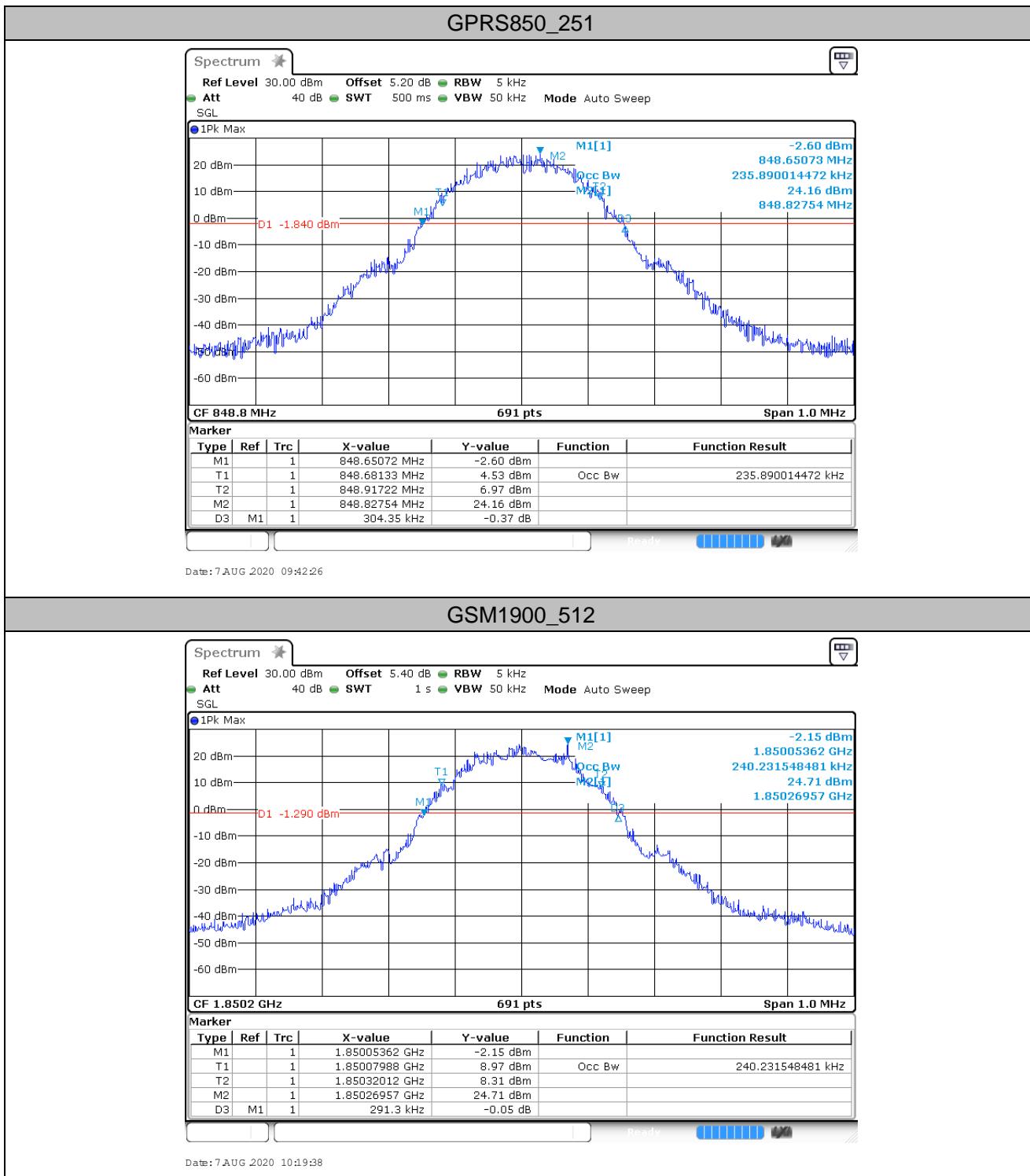


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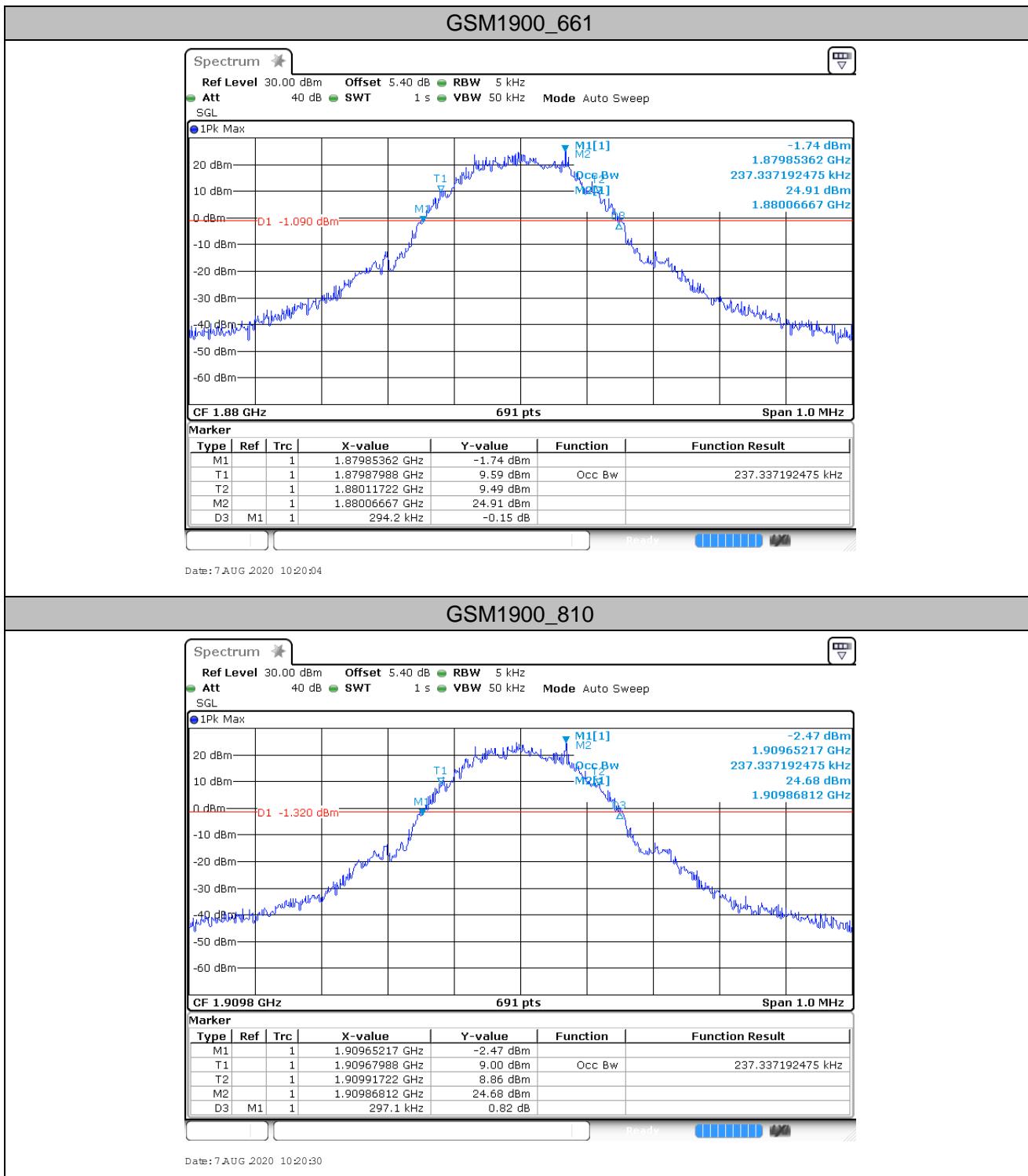


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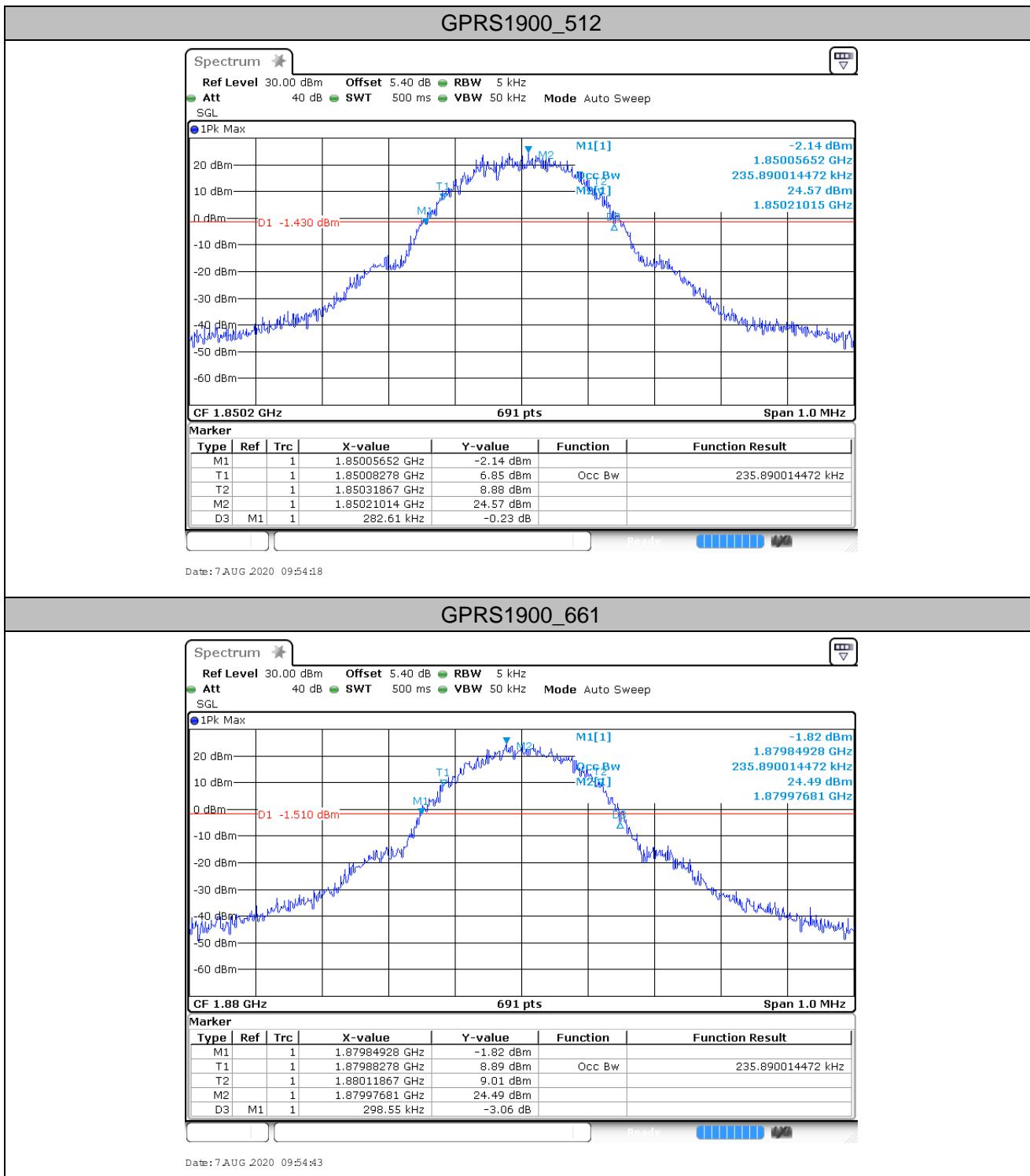


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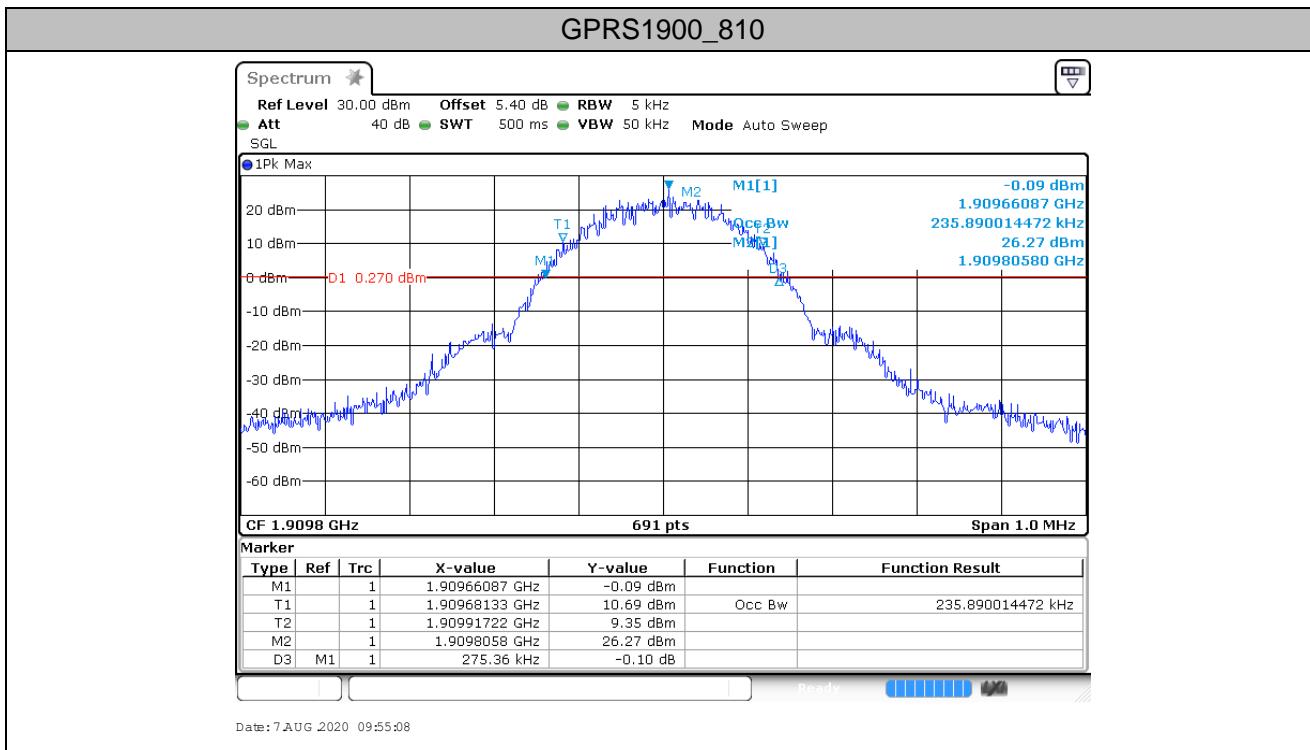


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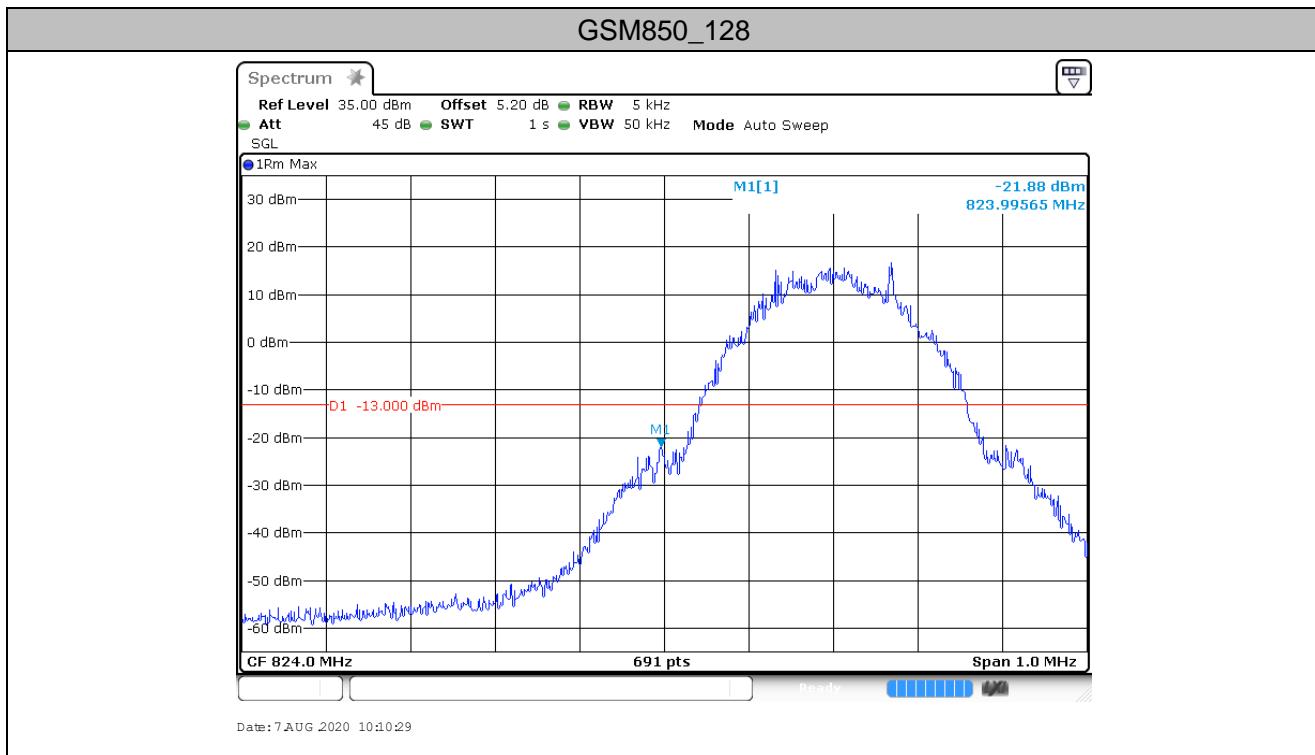
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5. Band Edge Compliance

5.1. Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-21.88	-13	PASS
GSM850	251	-22.93	-13	PASS
GPRS850	128	-21.92	-13	PASS
GPRS850	251	-23.79	-13	PASS
GSM1900	512	-19.94	-13	PASS
GSM1900	810	-19.39	-13	PASS
GPRS1900	512	-21.54	-13	PASS
GPRS1900	810	-22.37	-13	PASS

5.2. Test Plots



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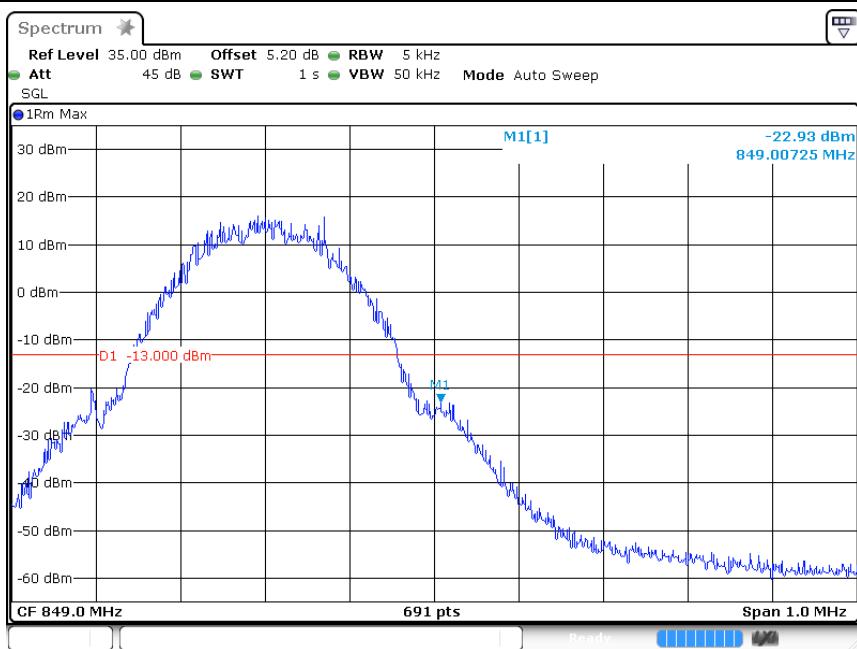
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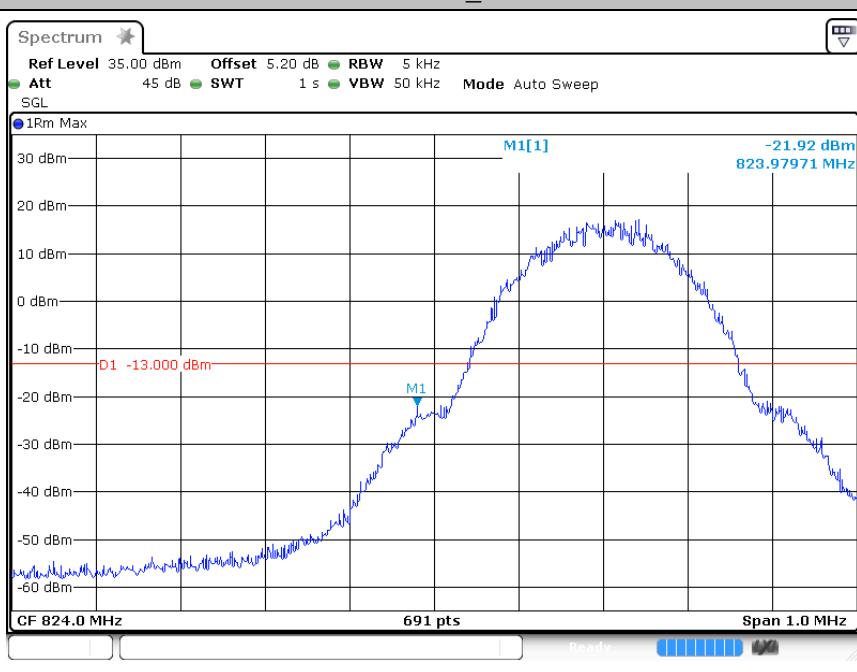
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GSM850_251



GPRS850_128



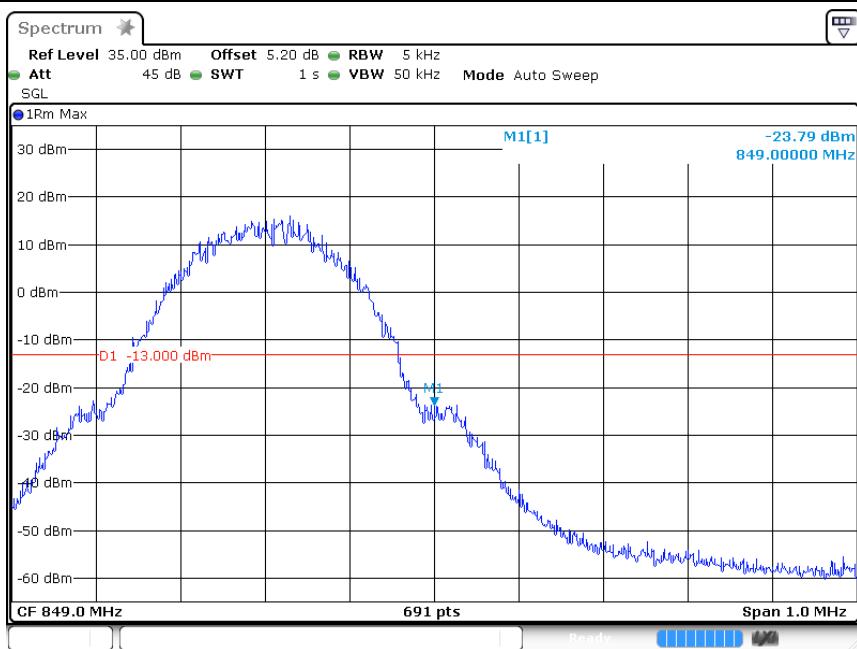
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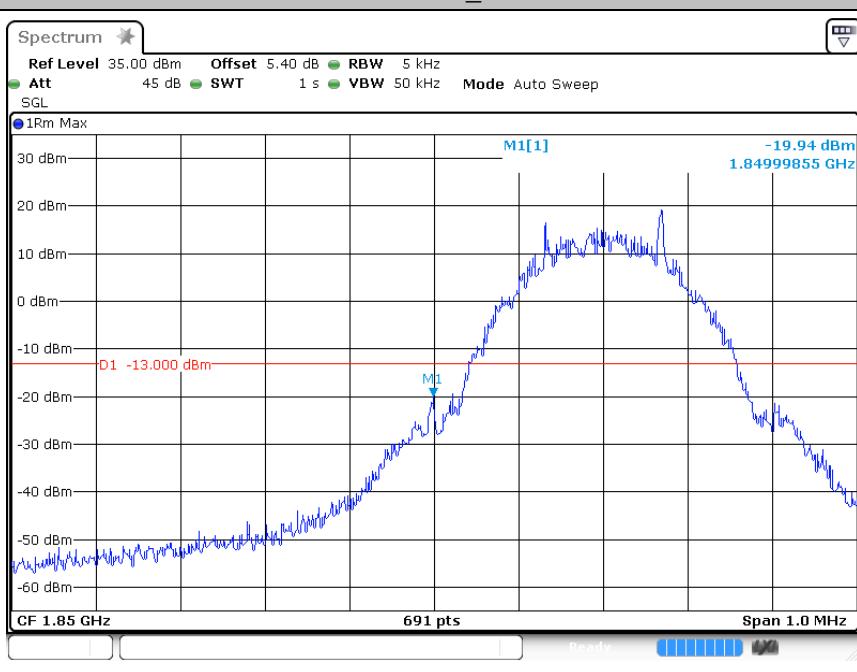




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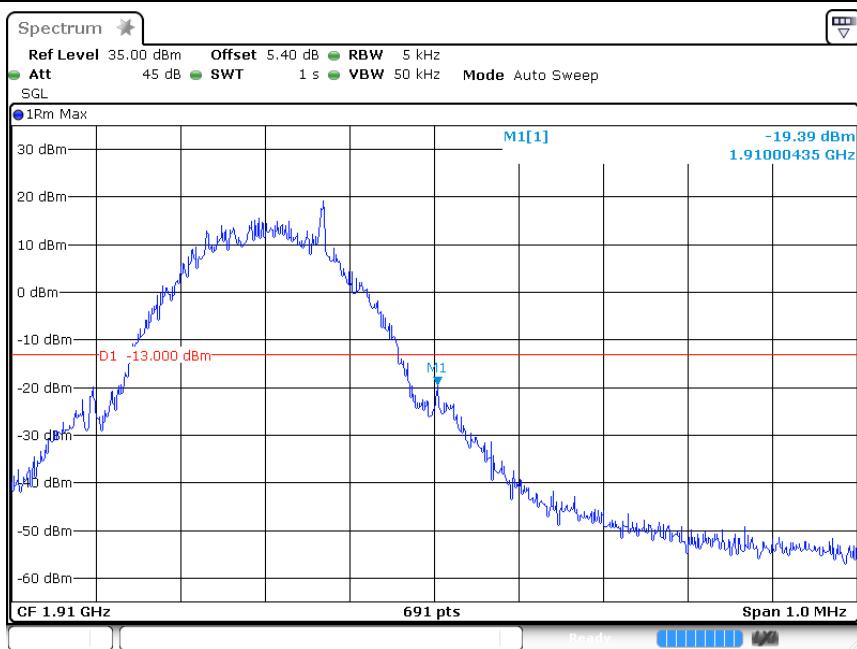
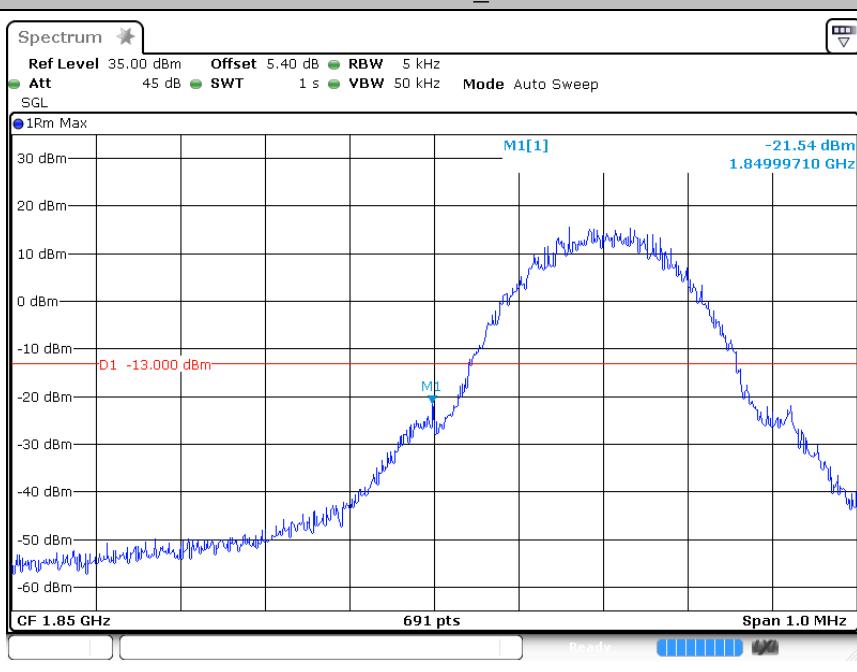


GSM1900_512



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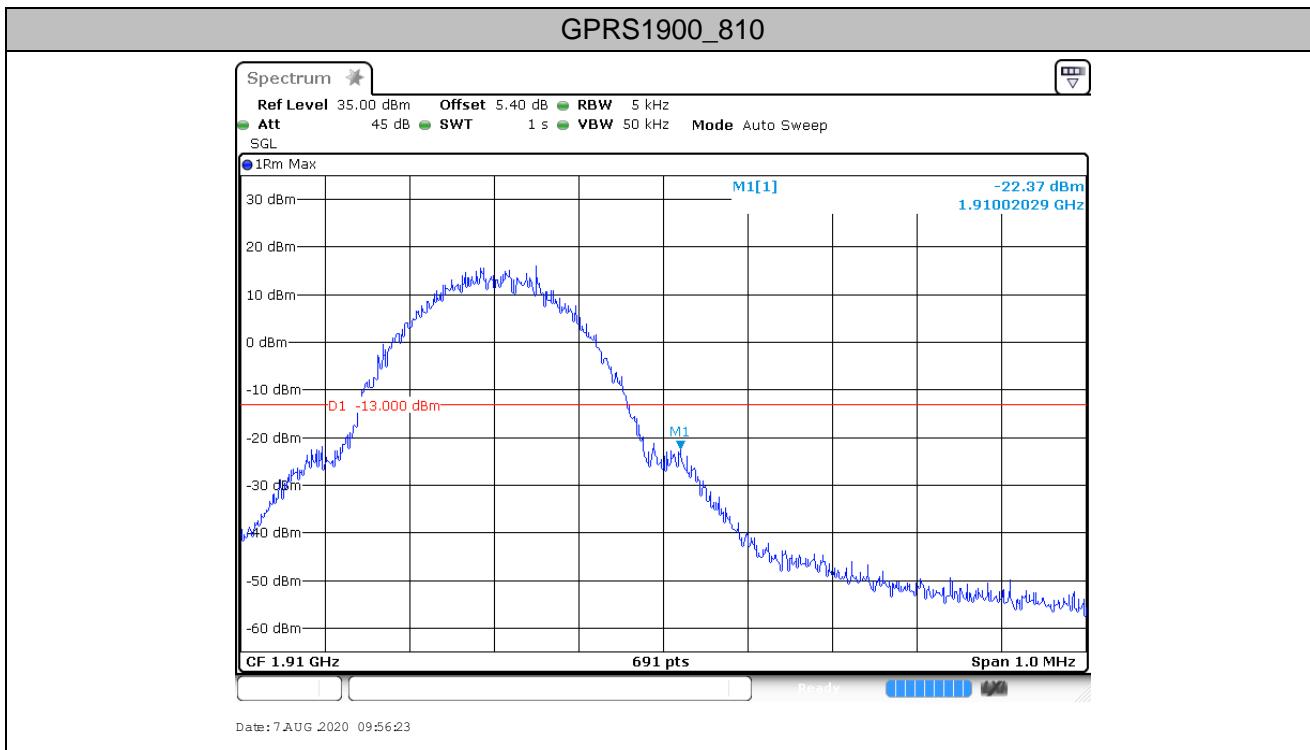
GSM1900_810**GPRS1900_512**

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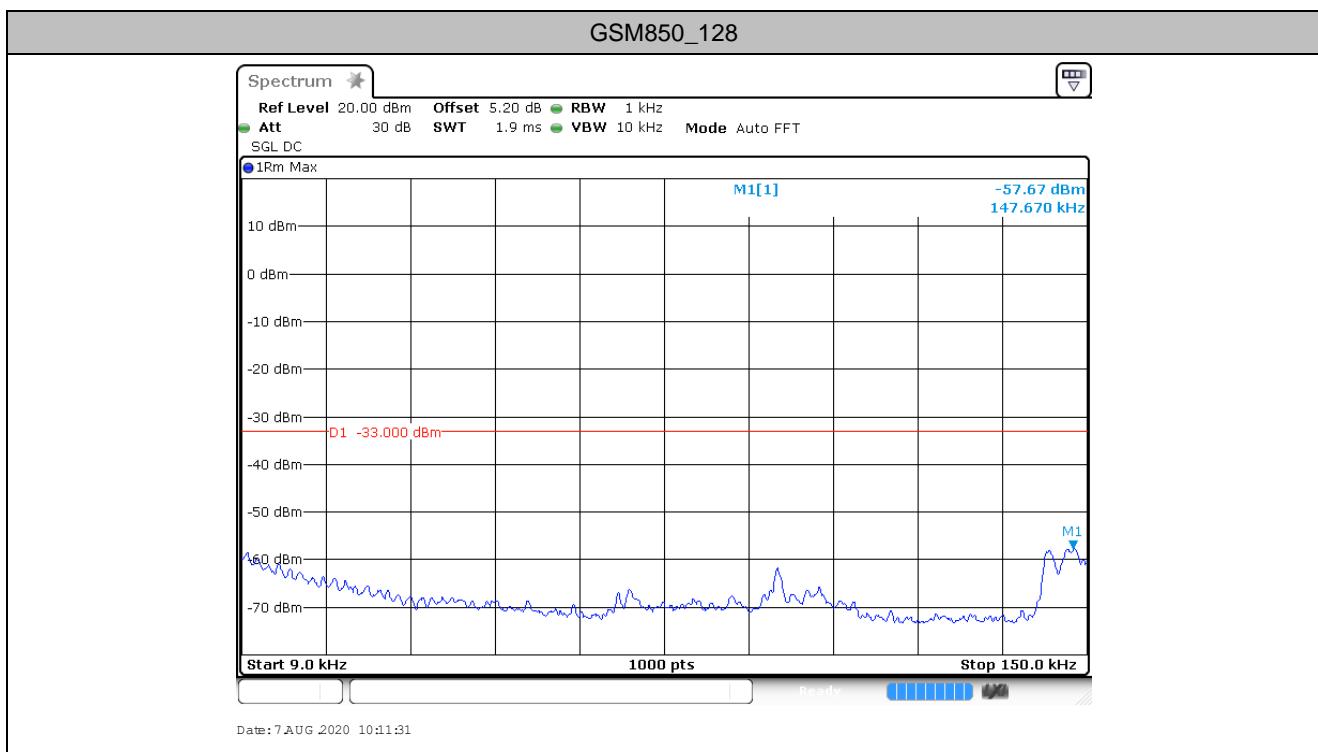
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6. Spurious Emission at Antenna Terminal

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 $< \text{RBW}/2$ so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = $k * (\text{Span} / \text{RBW})$ " with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

6.1. Test Plots



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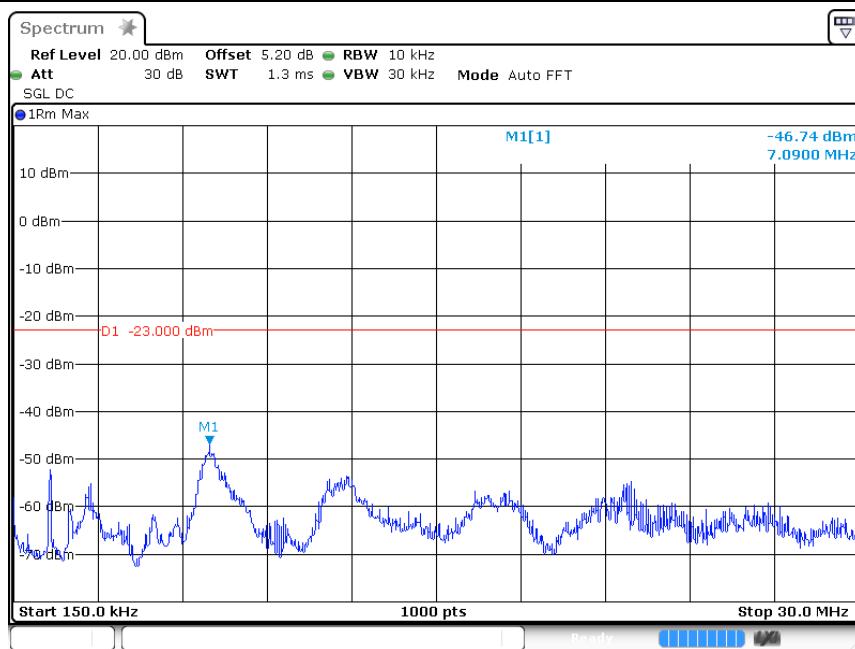


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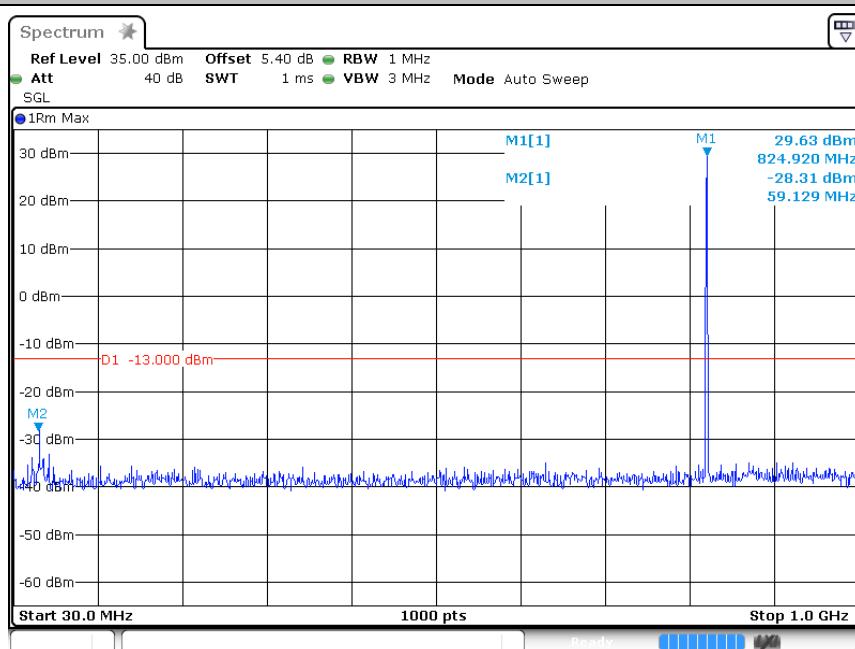
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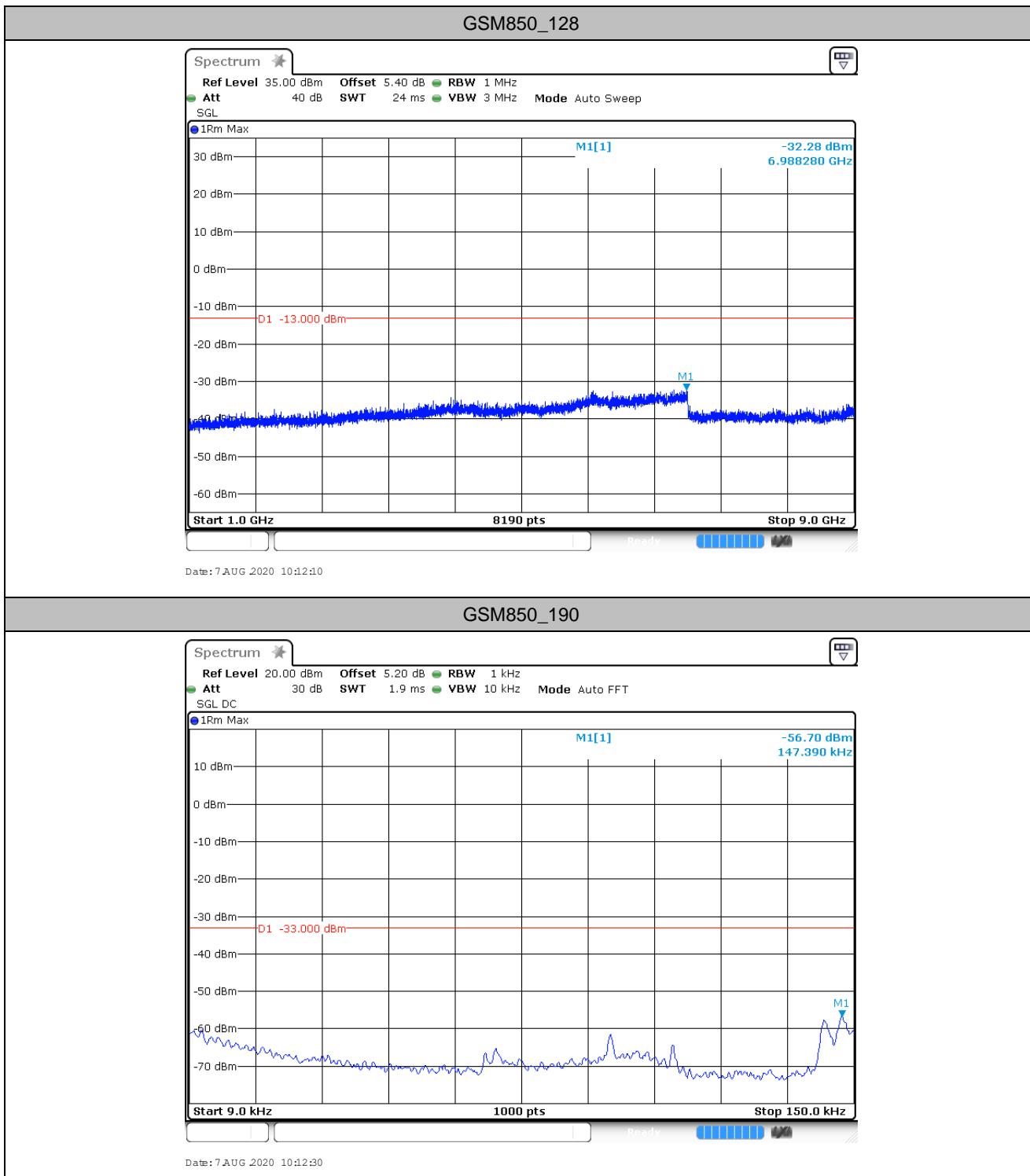
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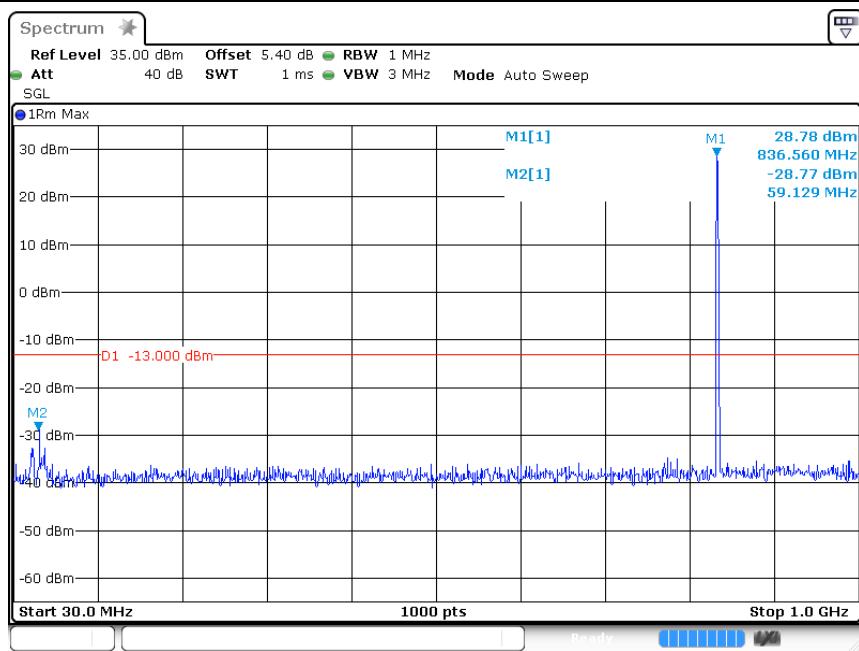
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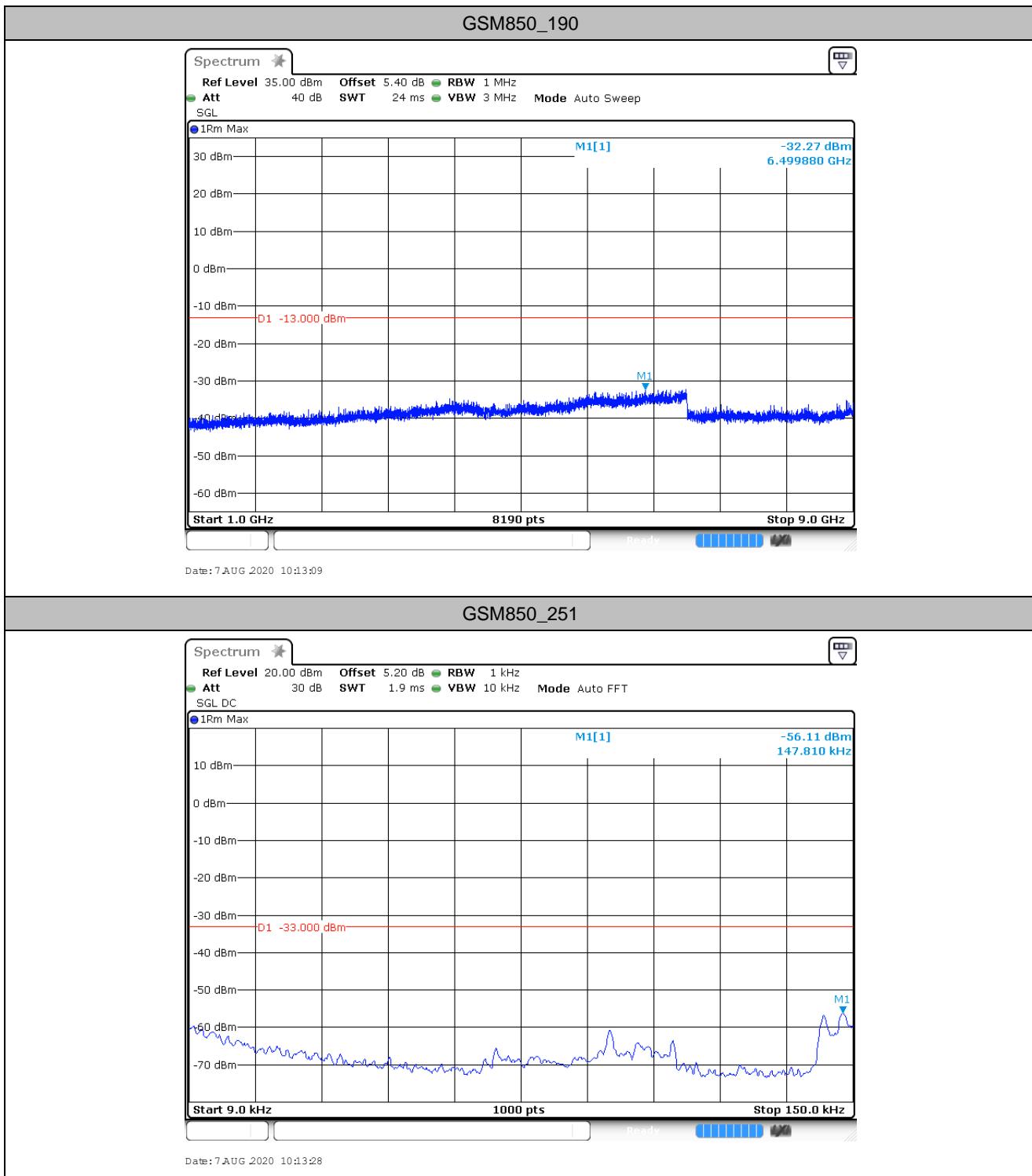
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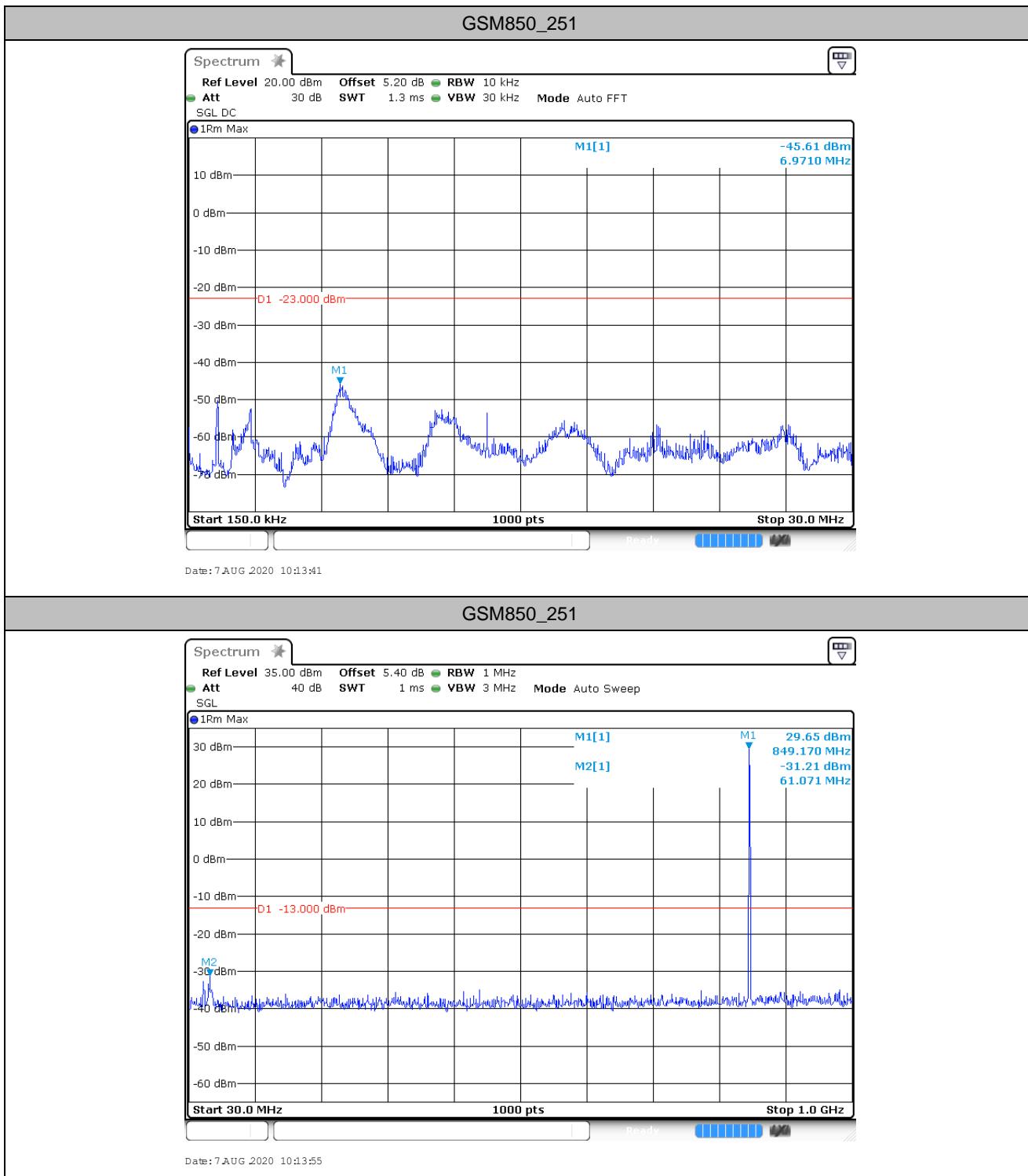
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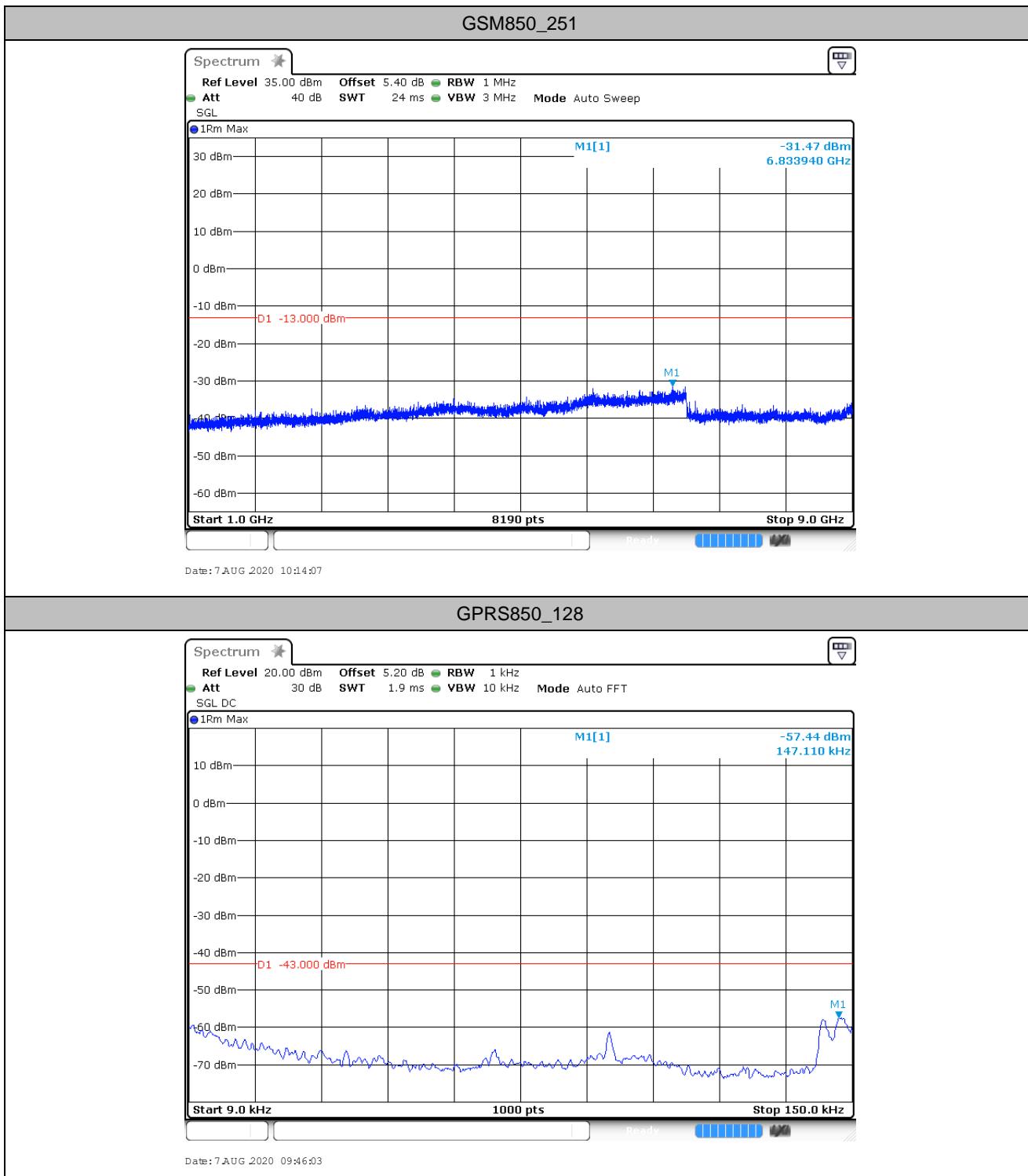


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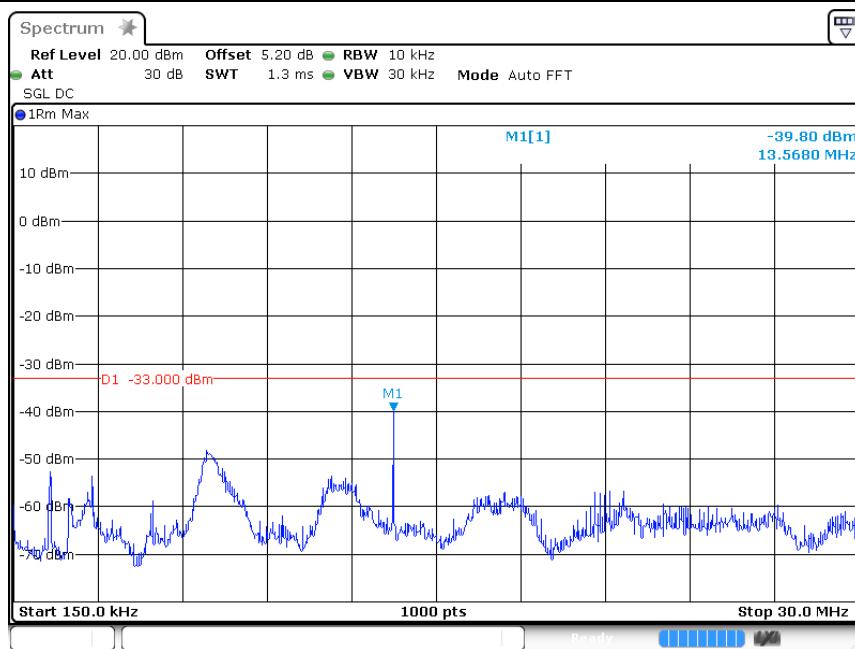
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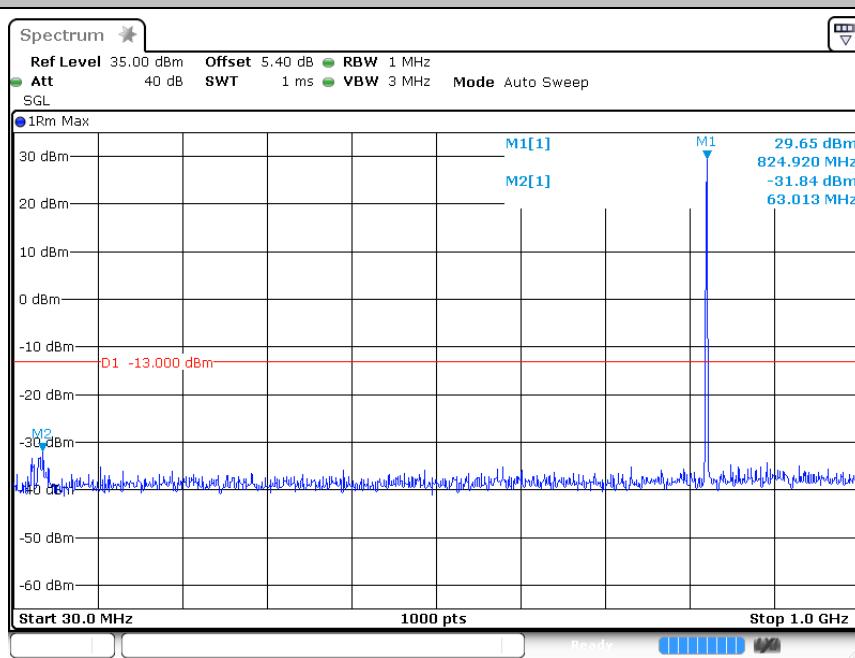
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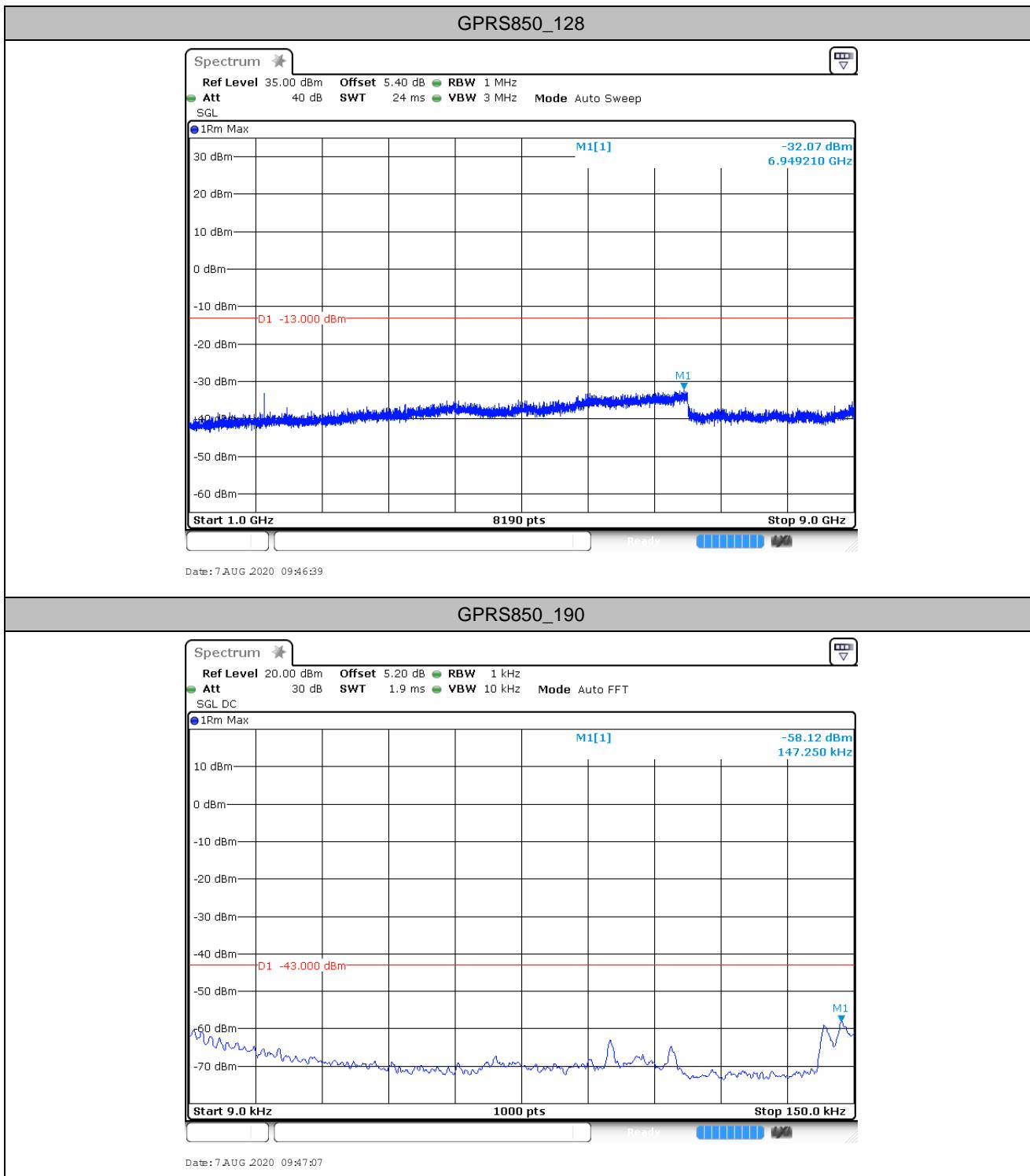
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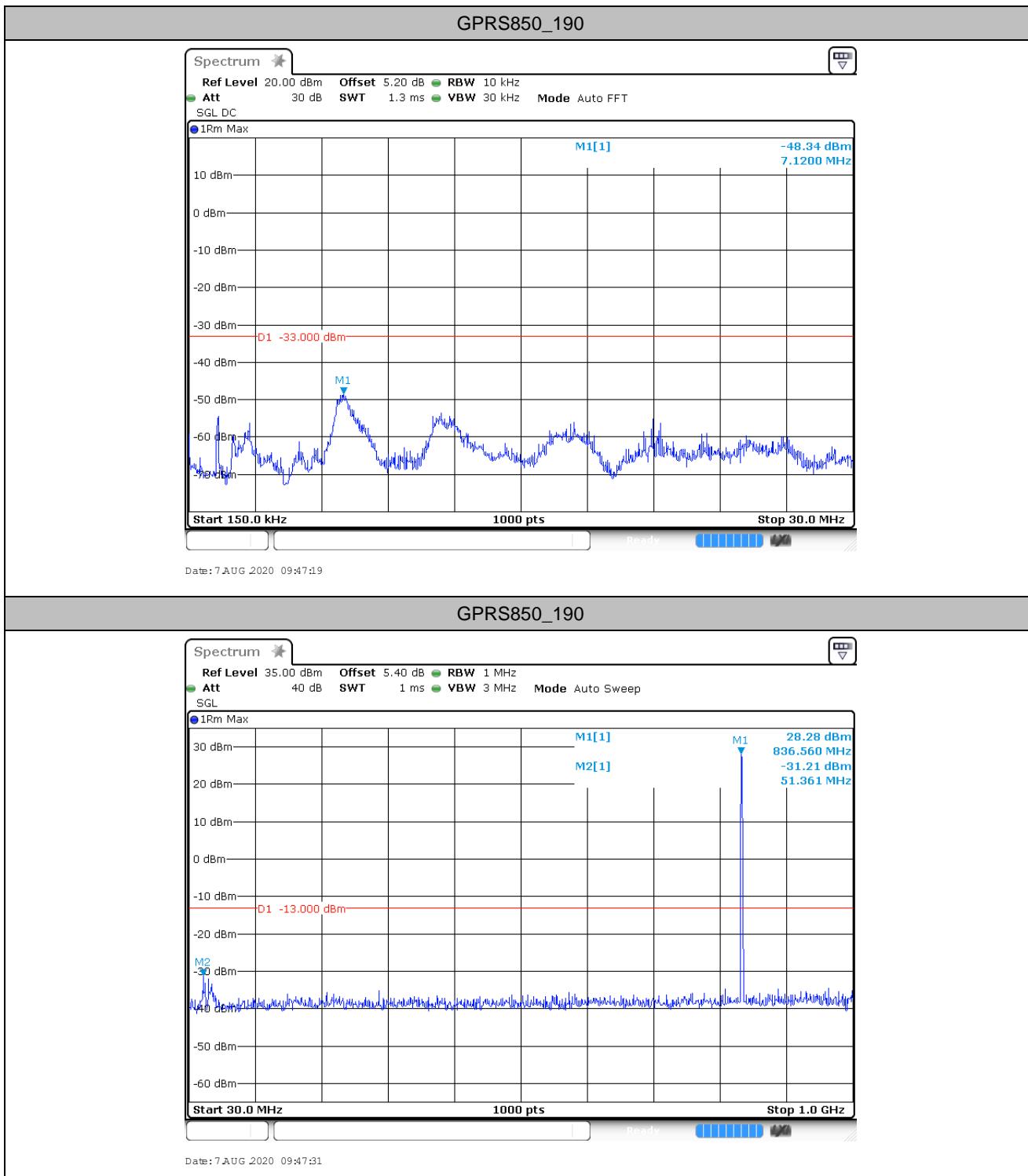
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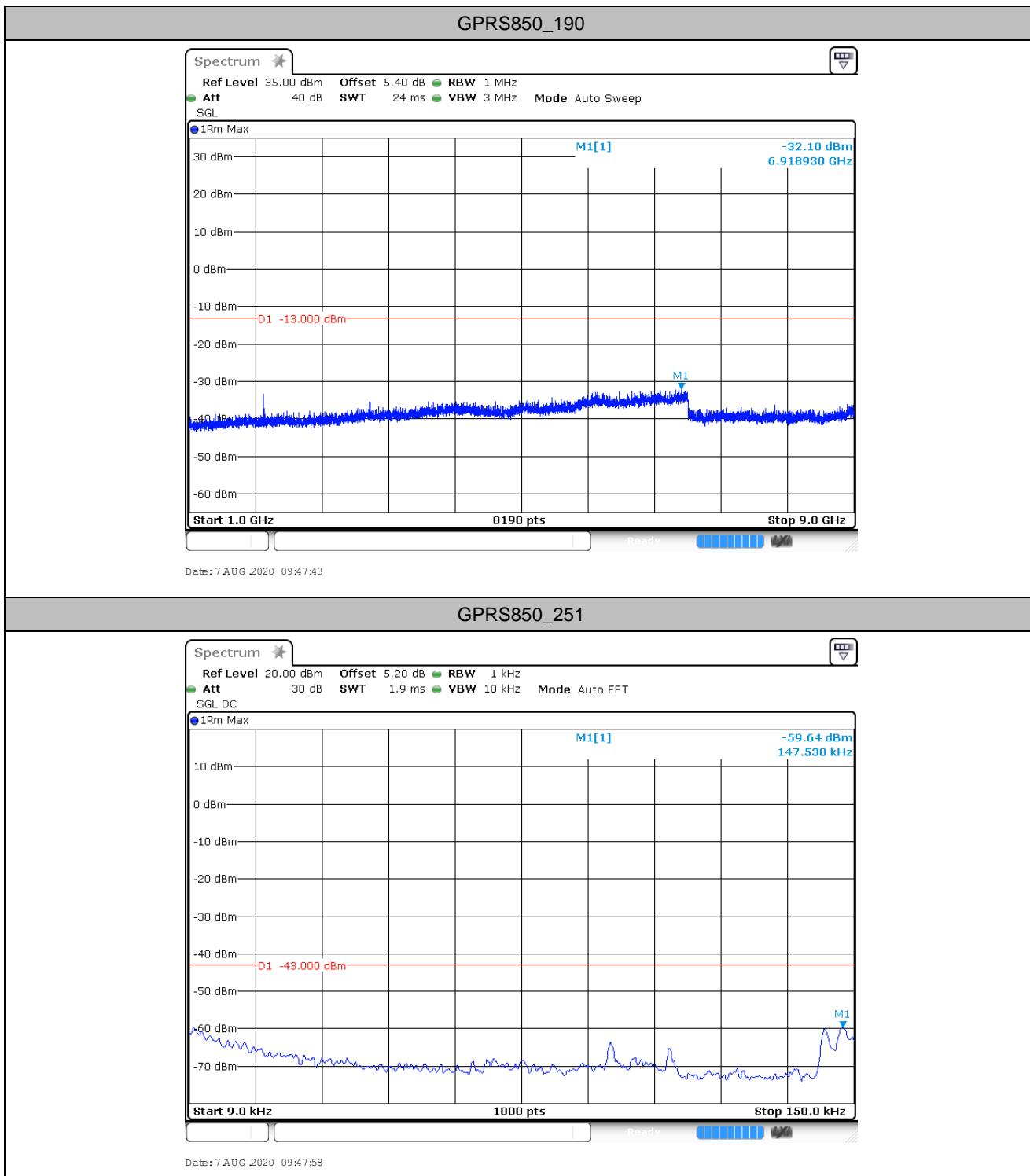
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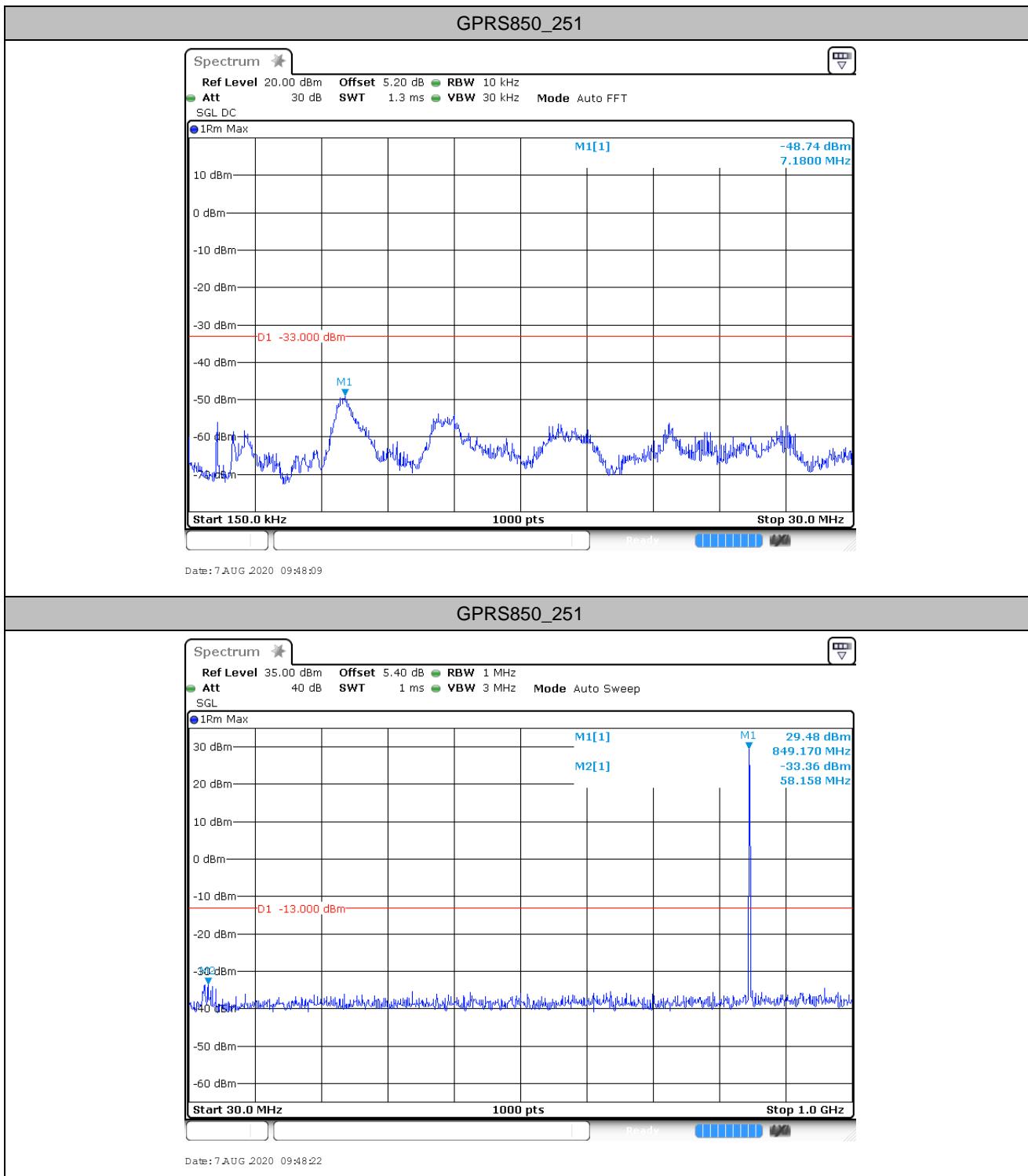
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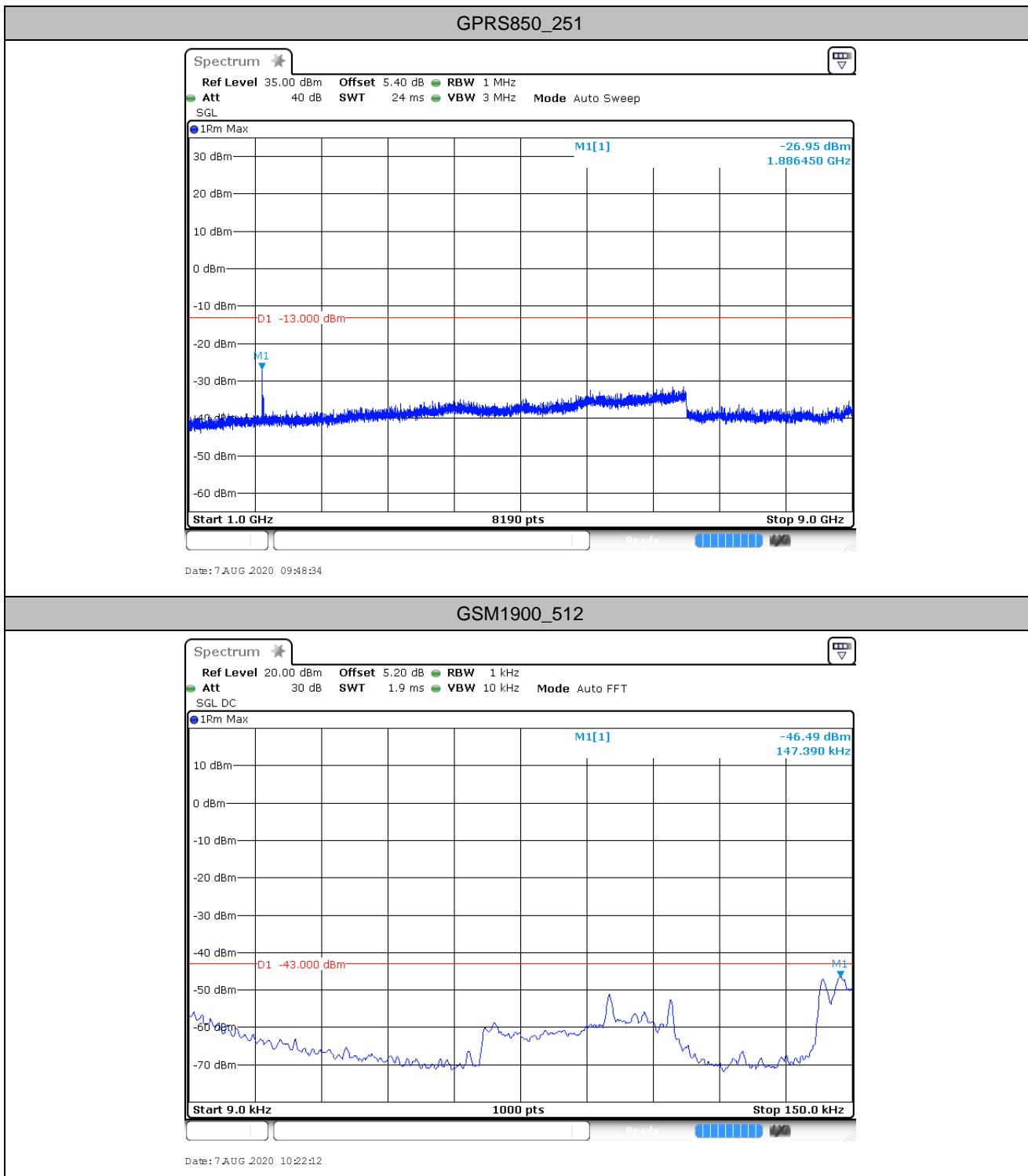
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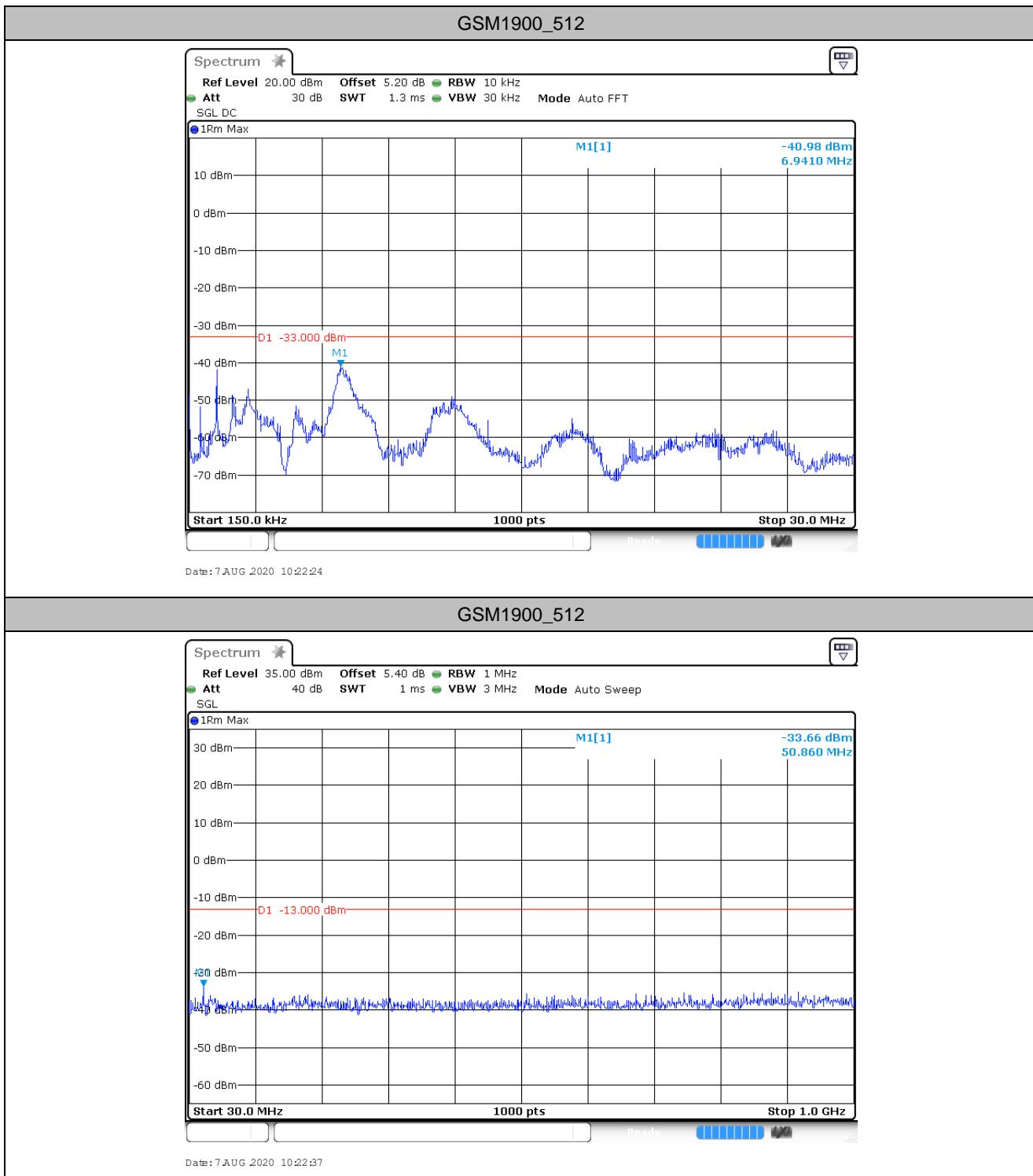
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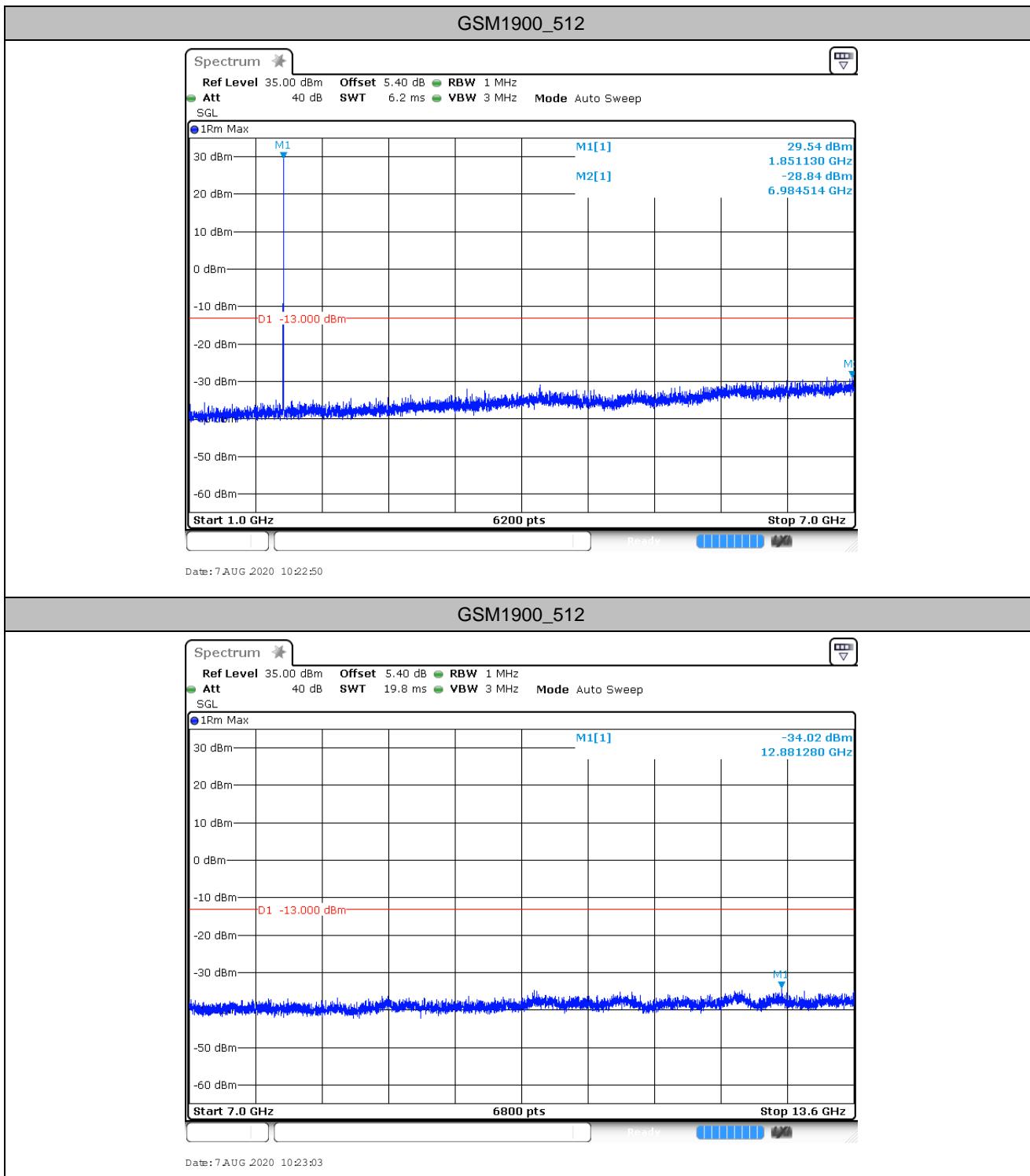


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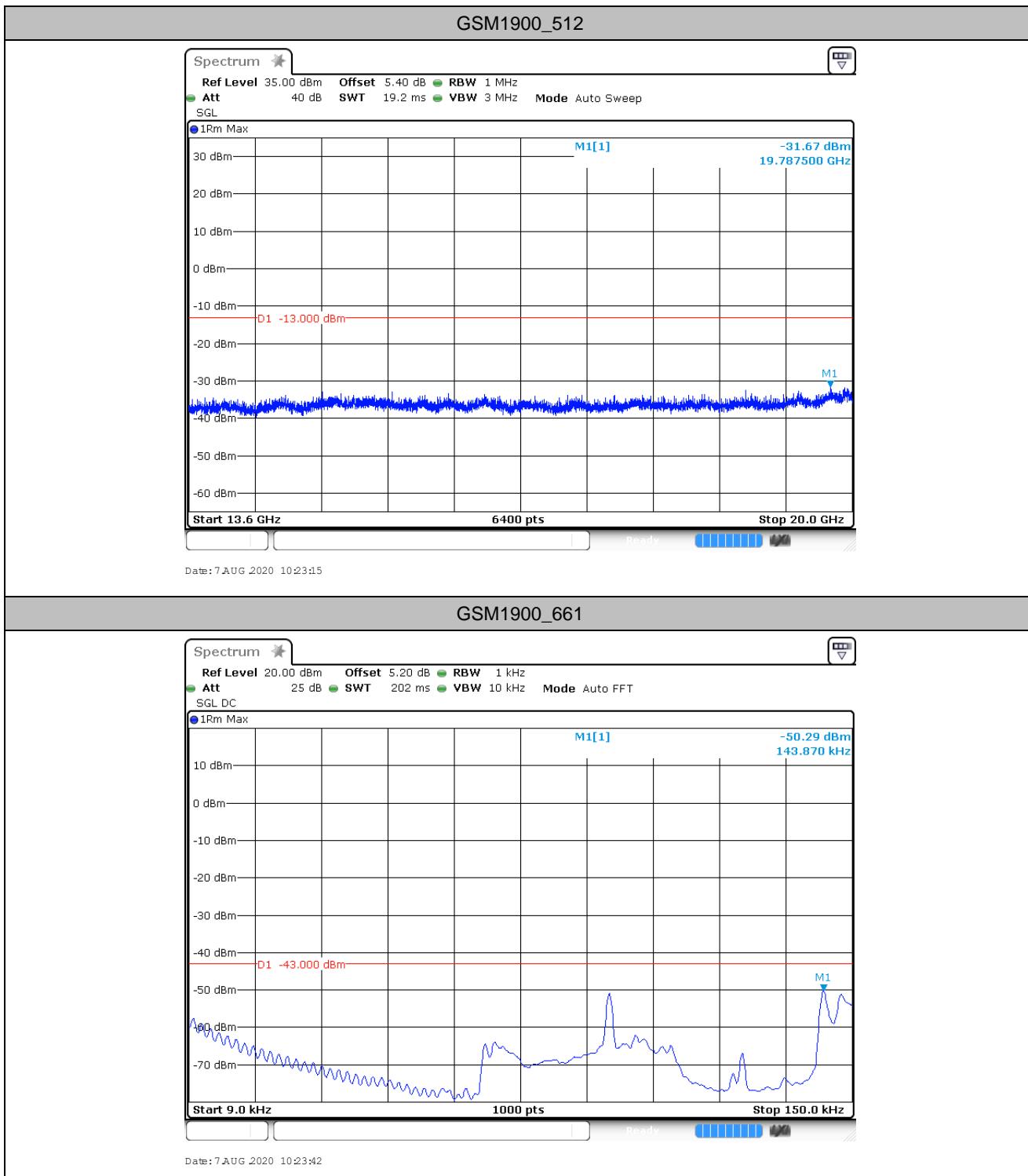
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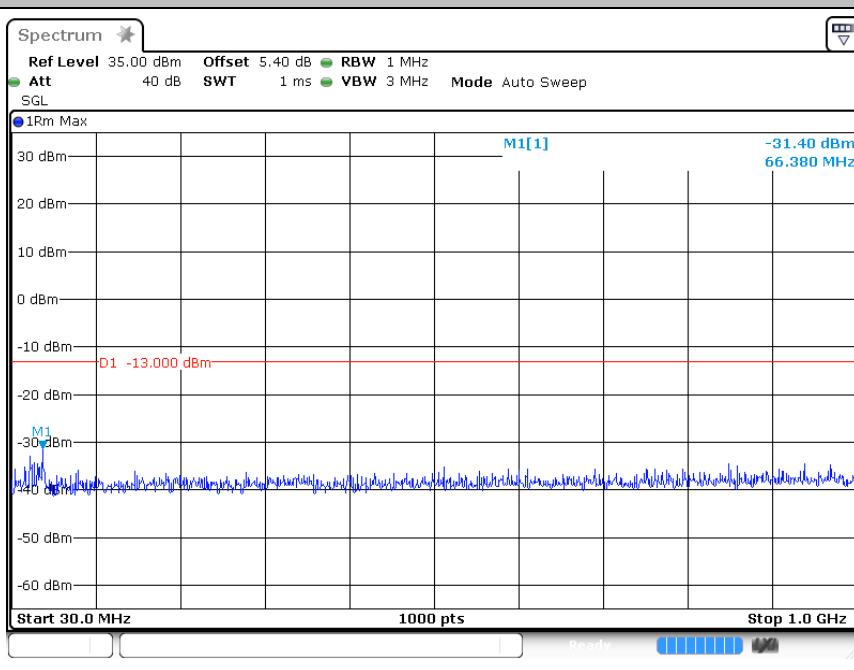
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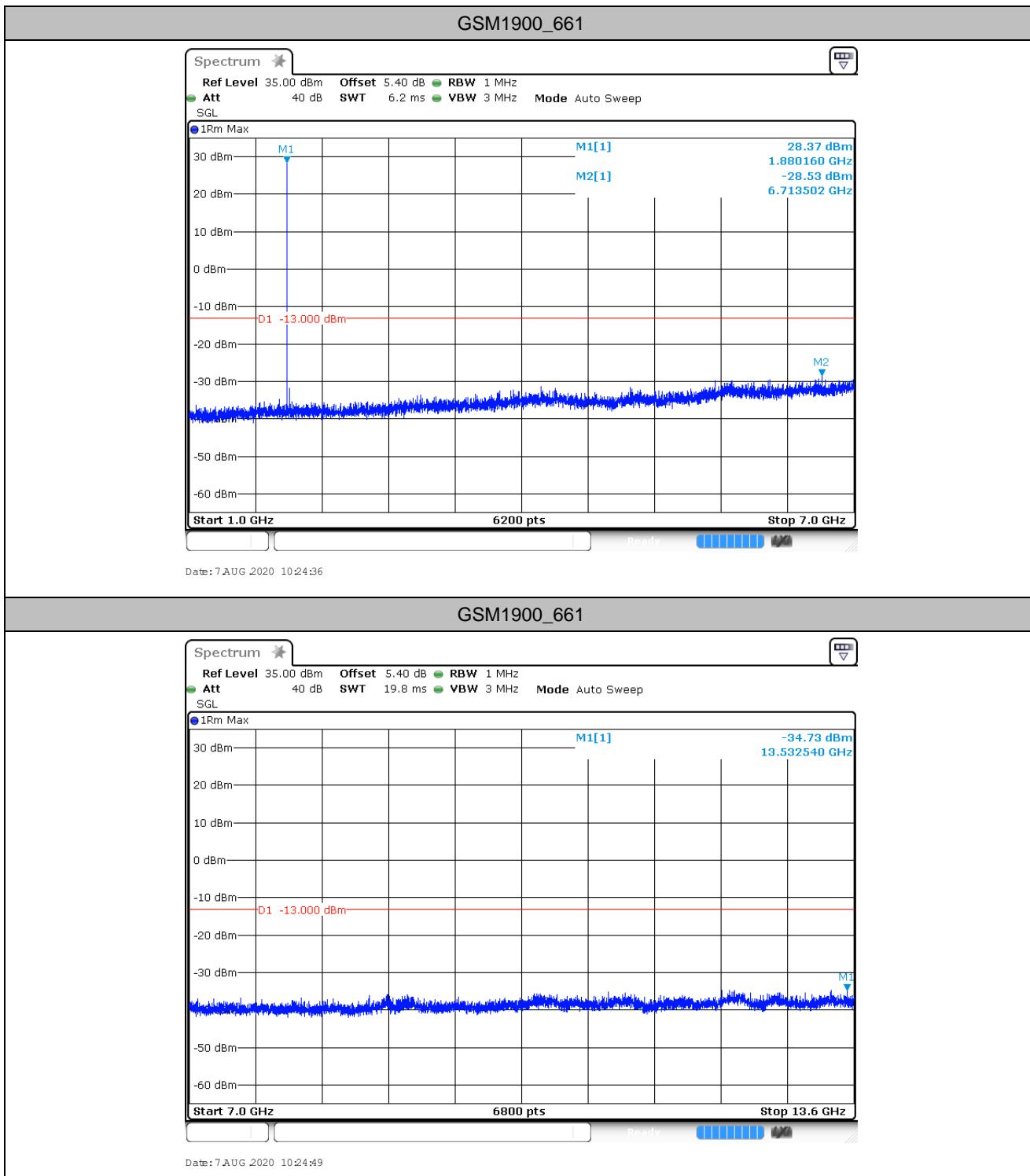


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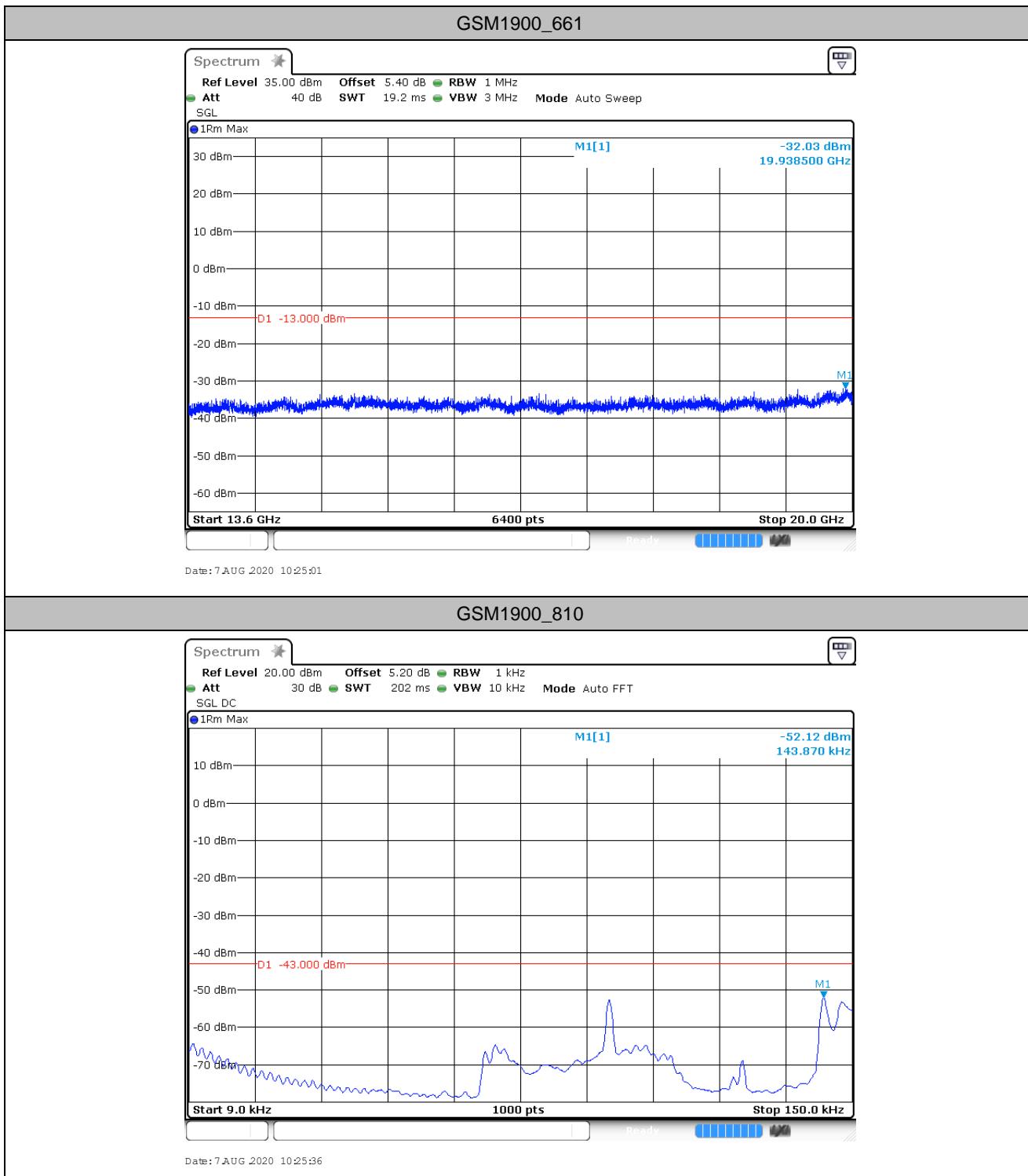


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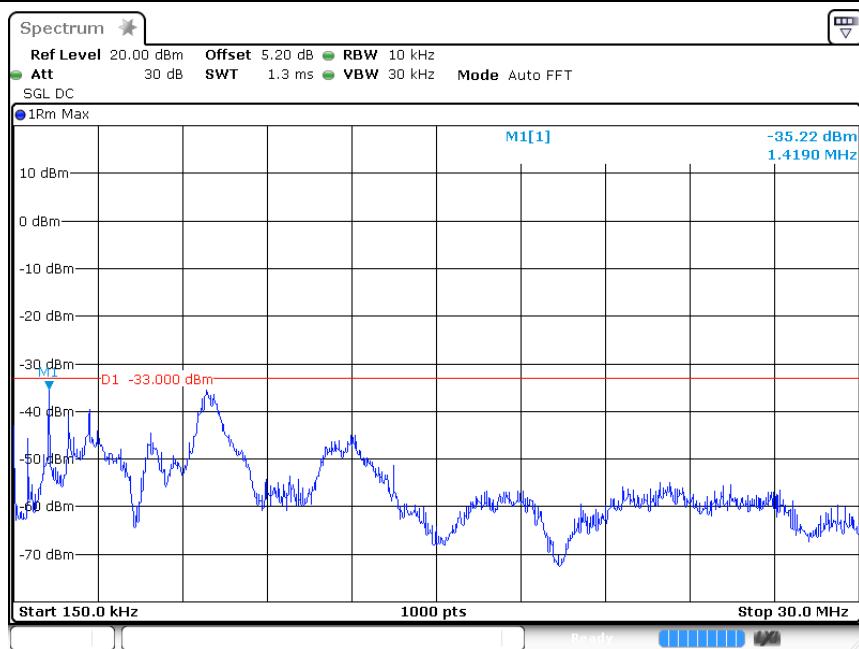


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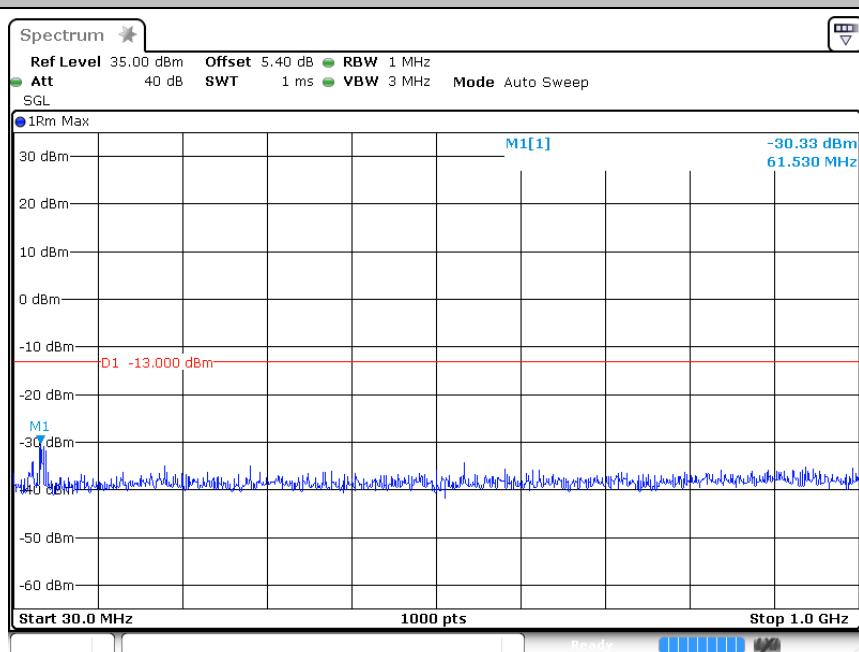
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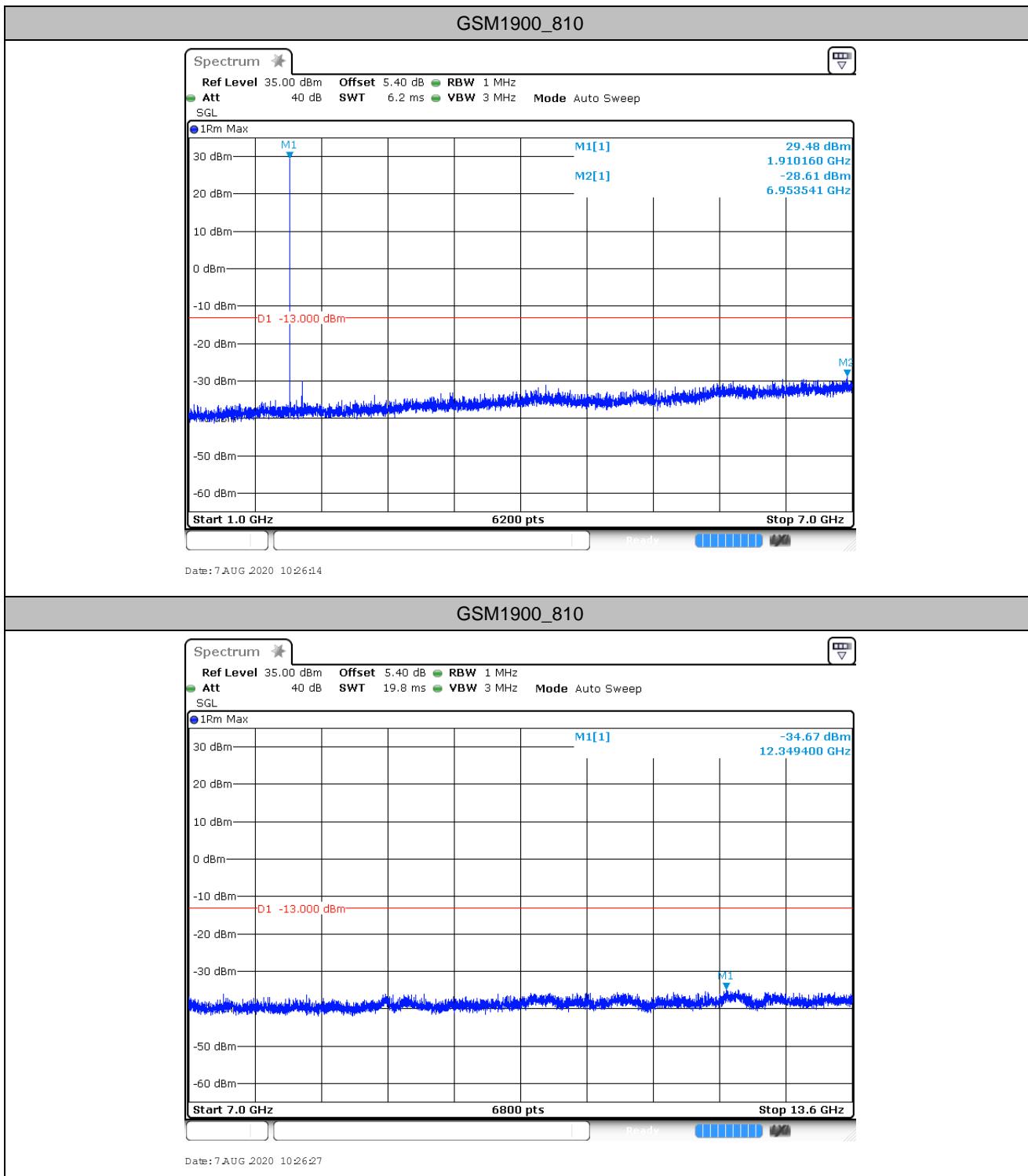


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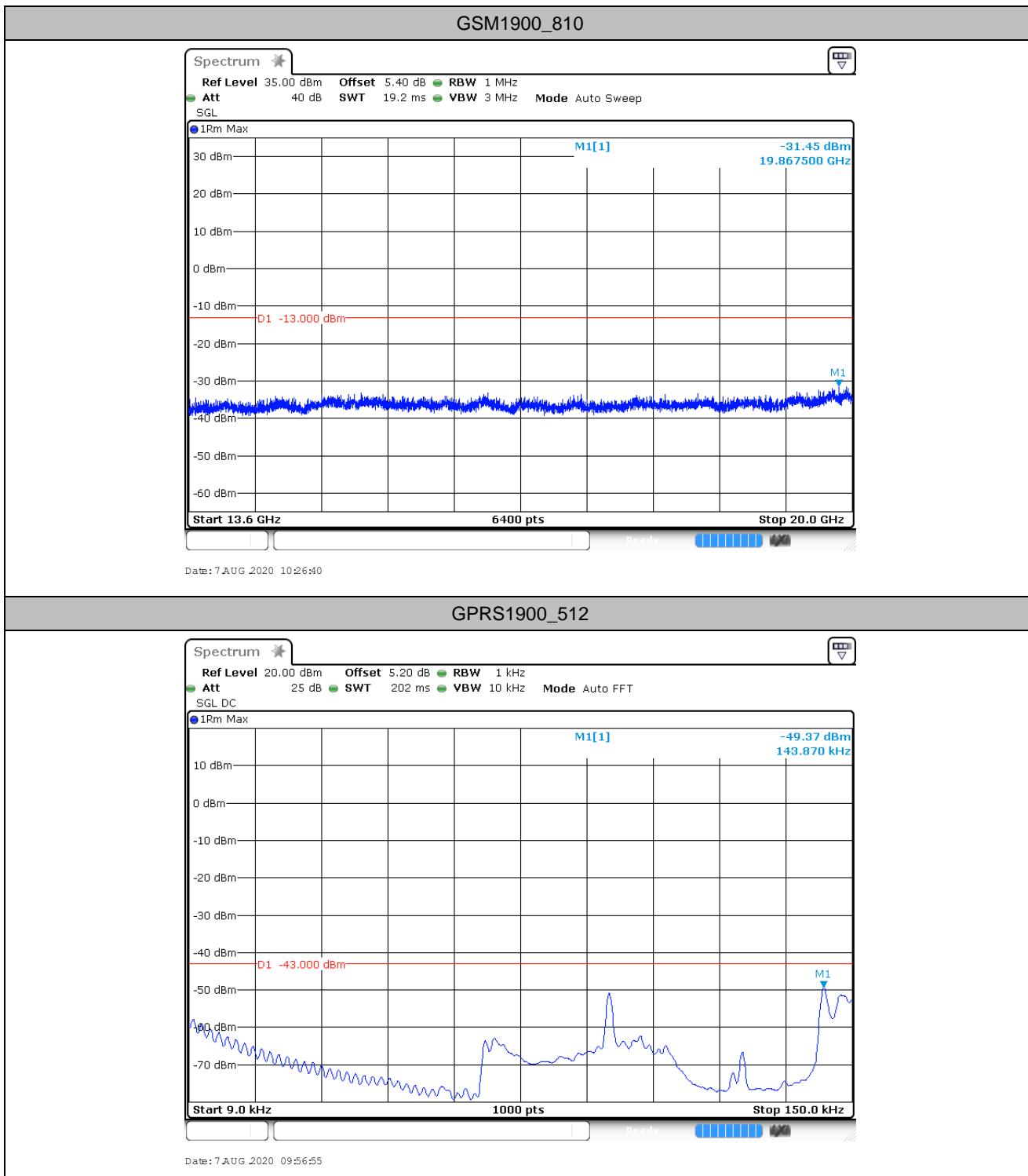


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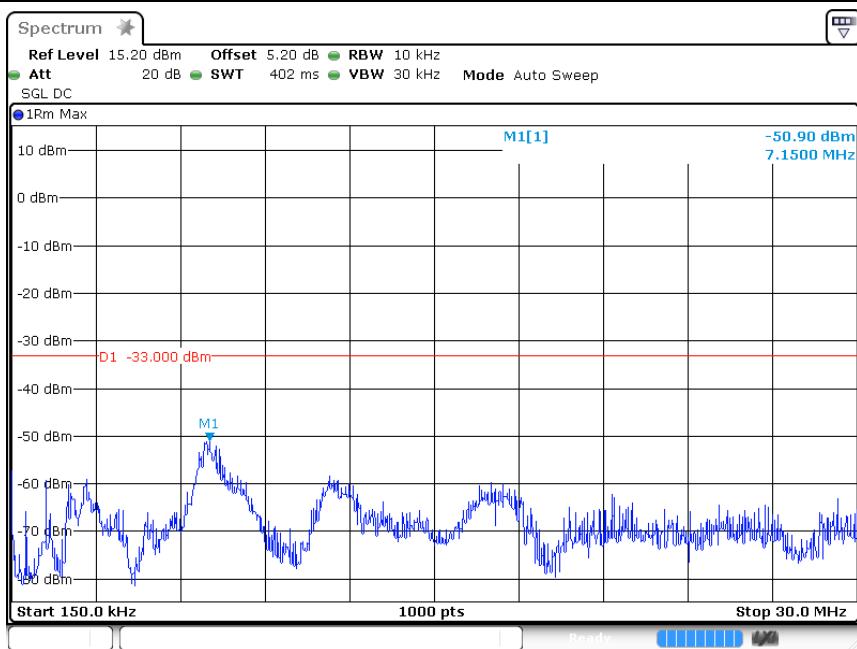


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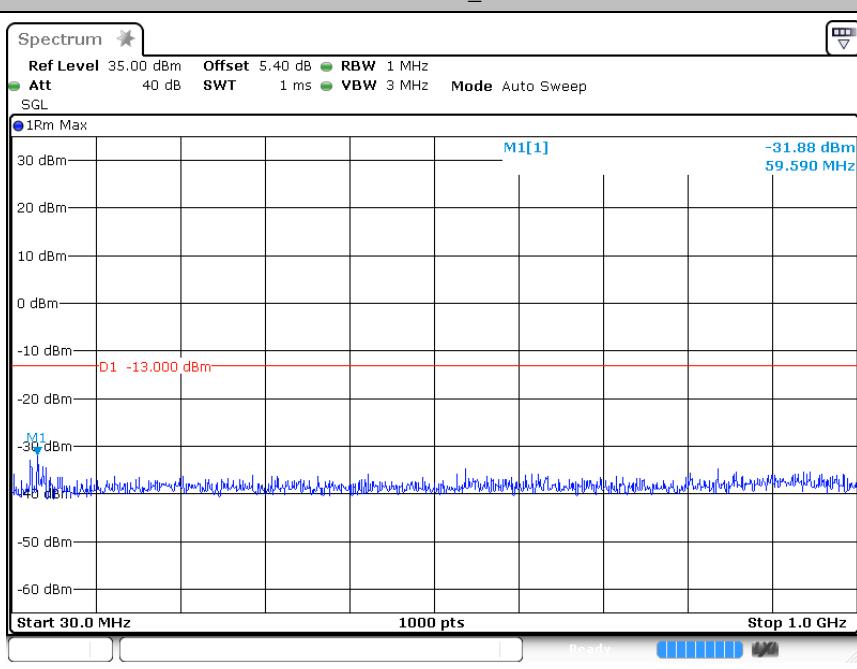
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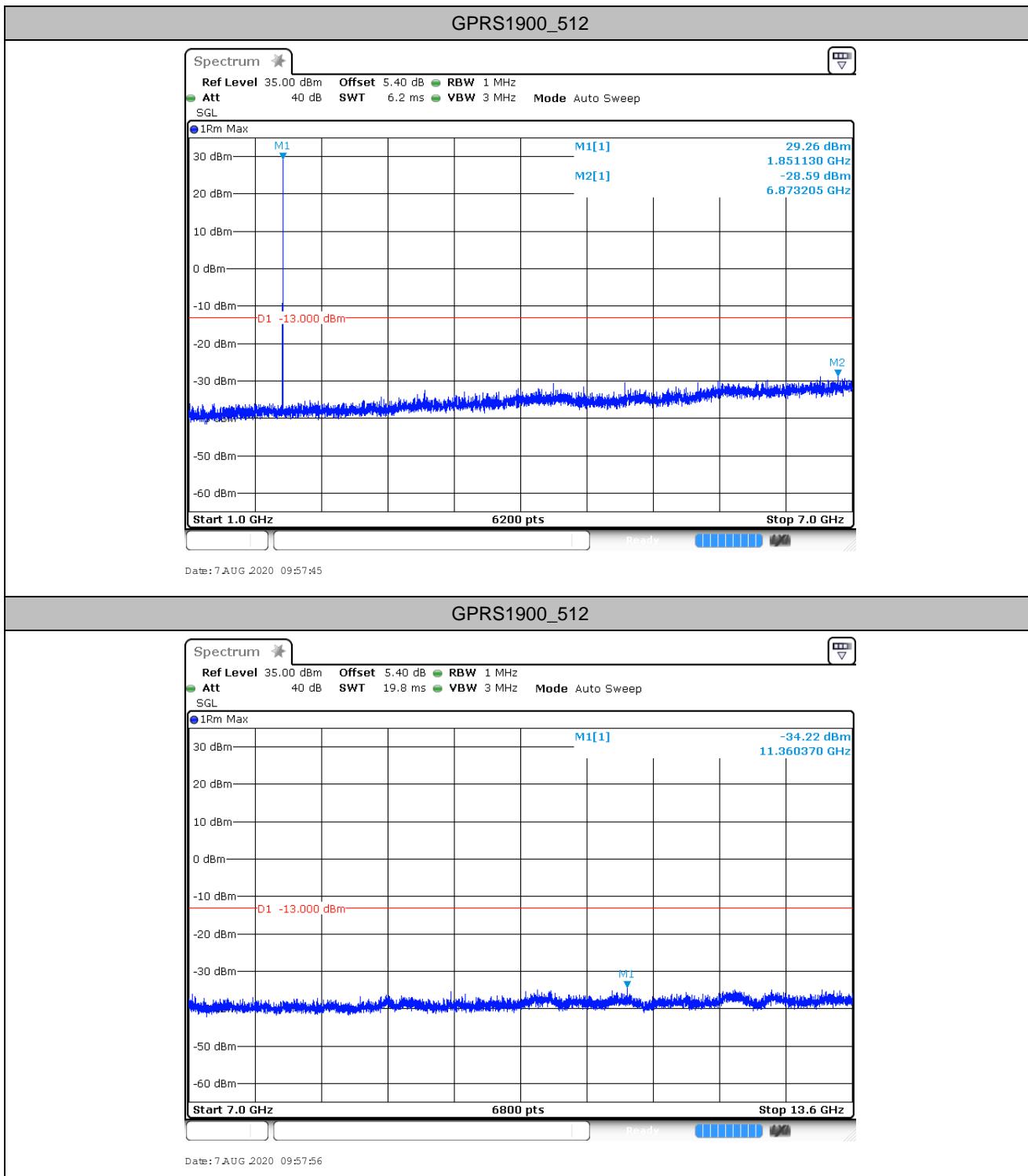
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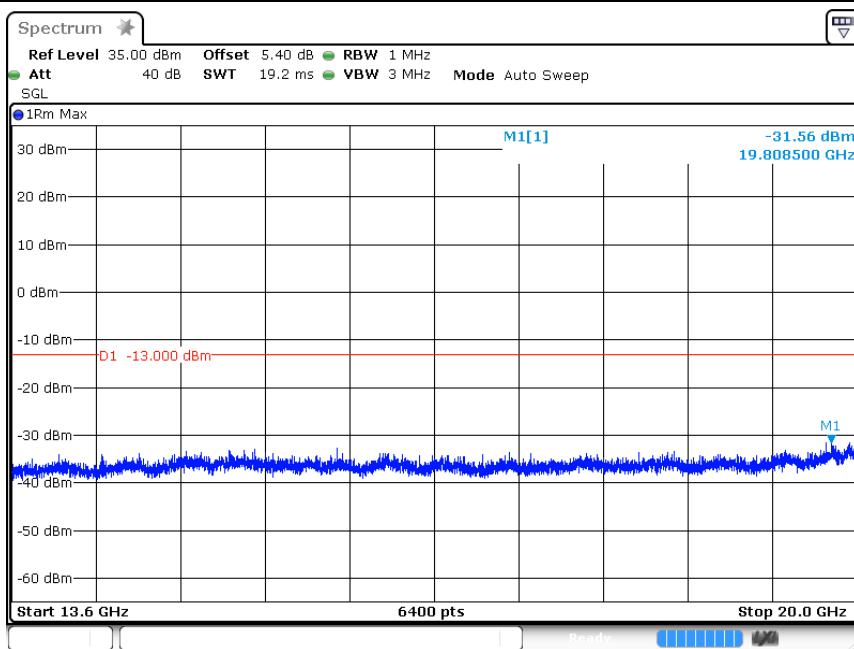
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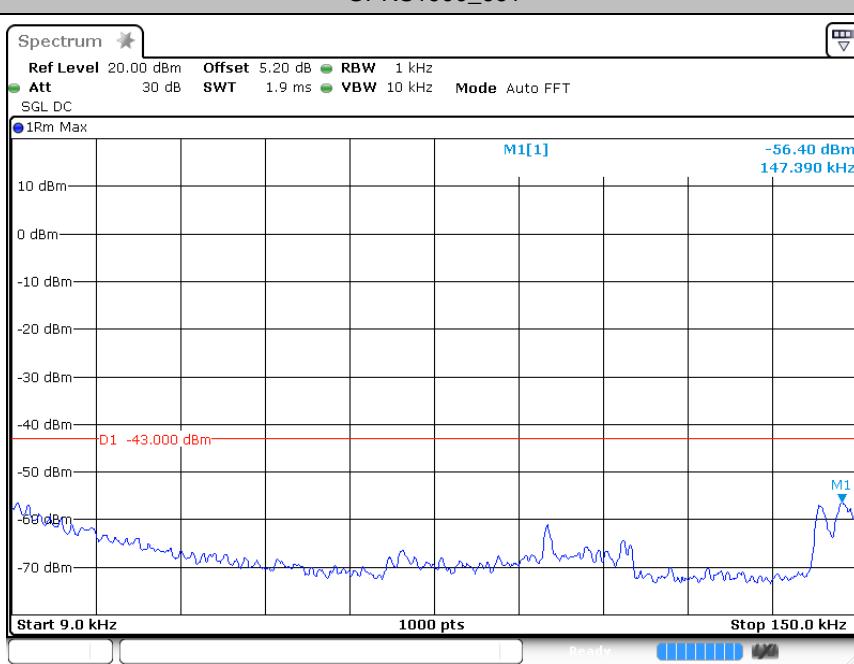
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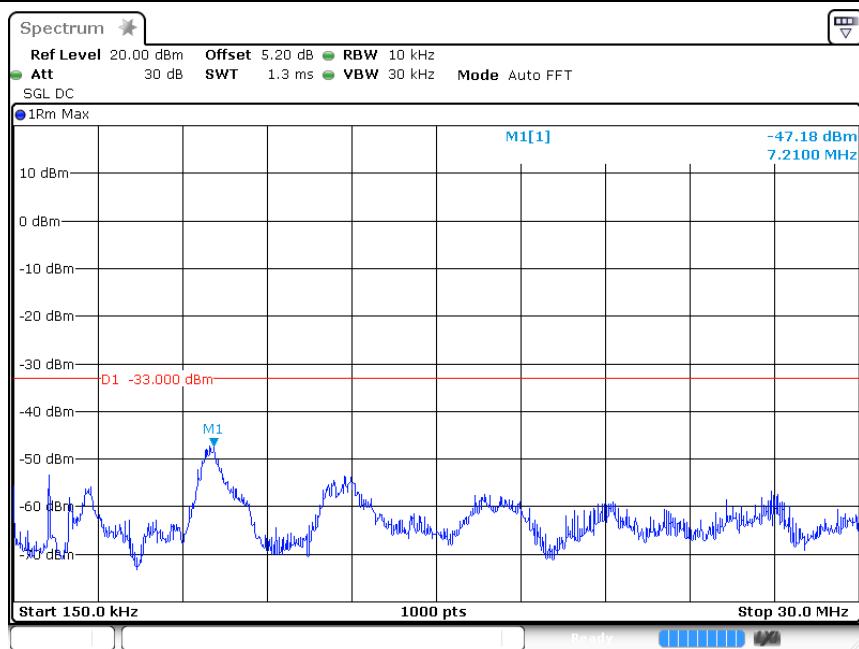


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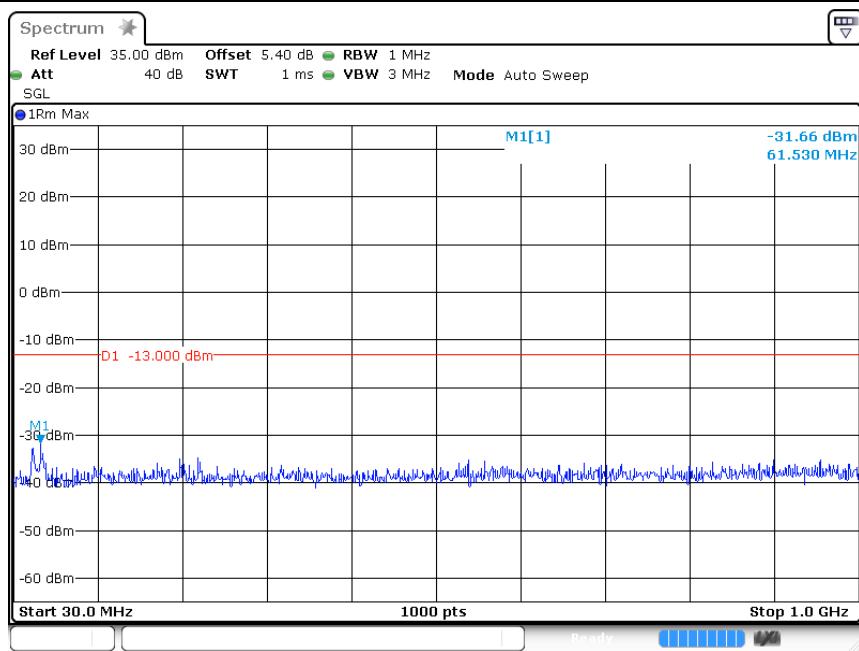


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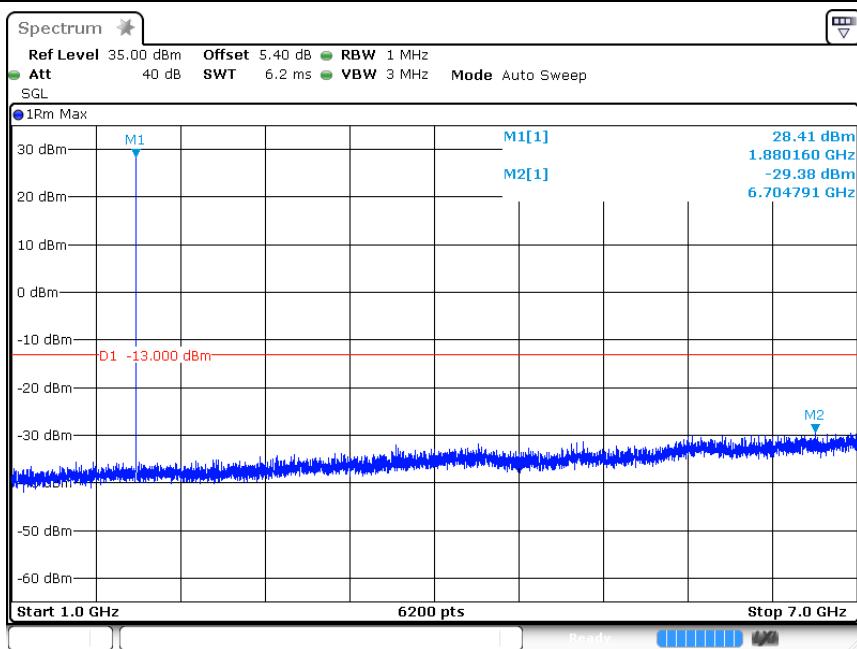
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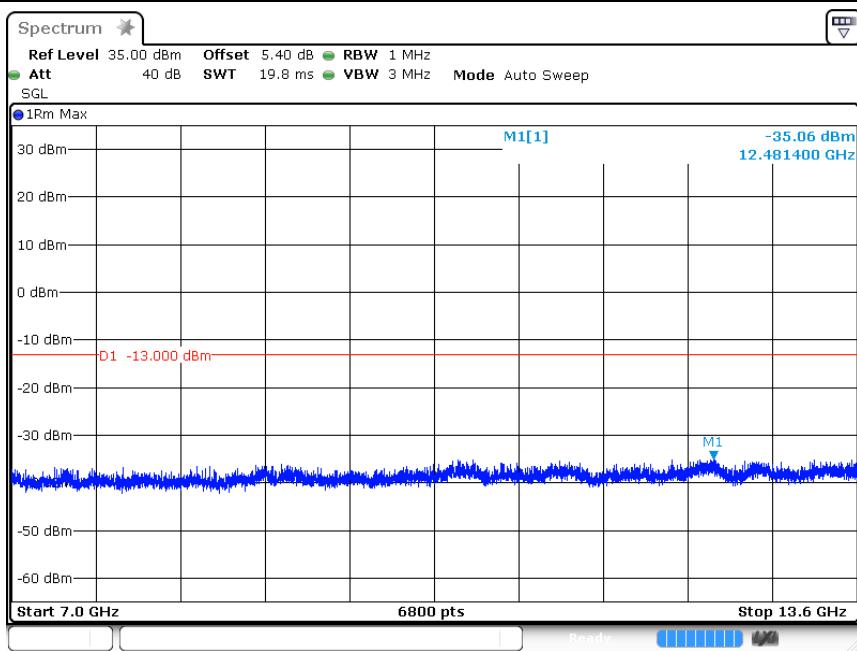


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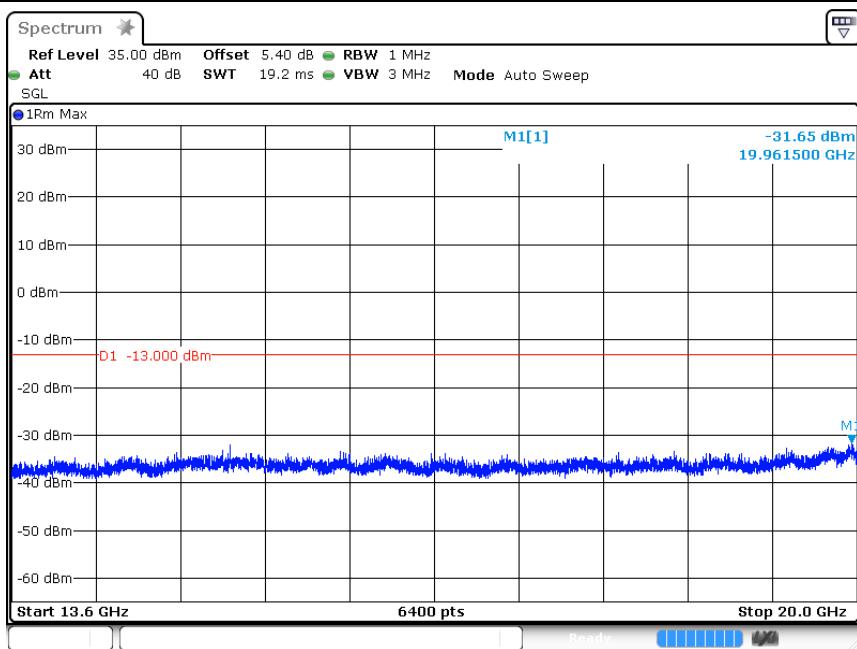
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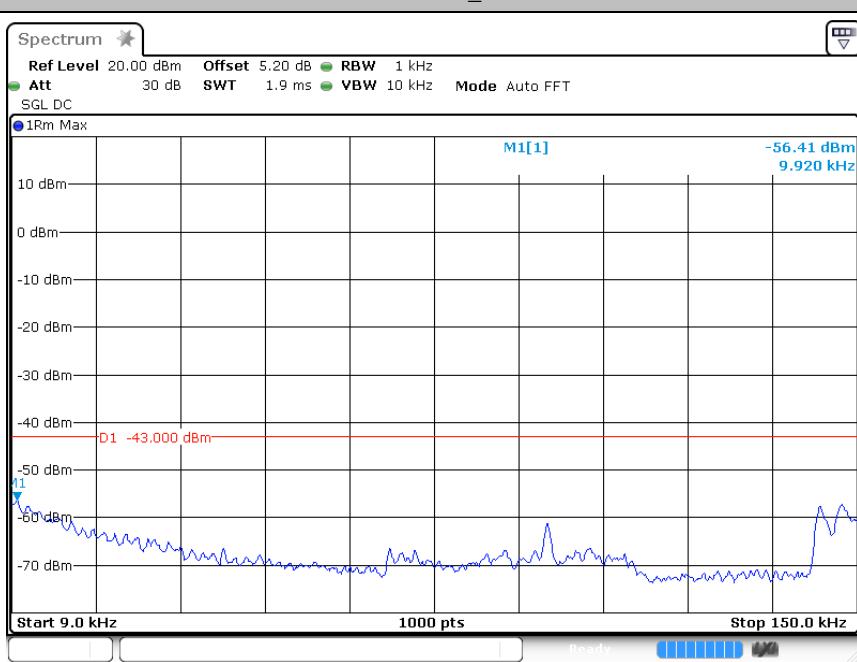
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GPRS1900_661



GPRS1900_810



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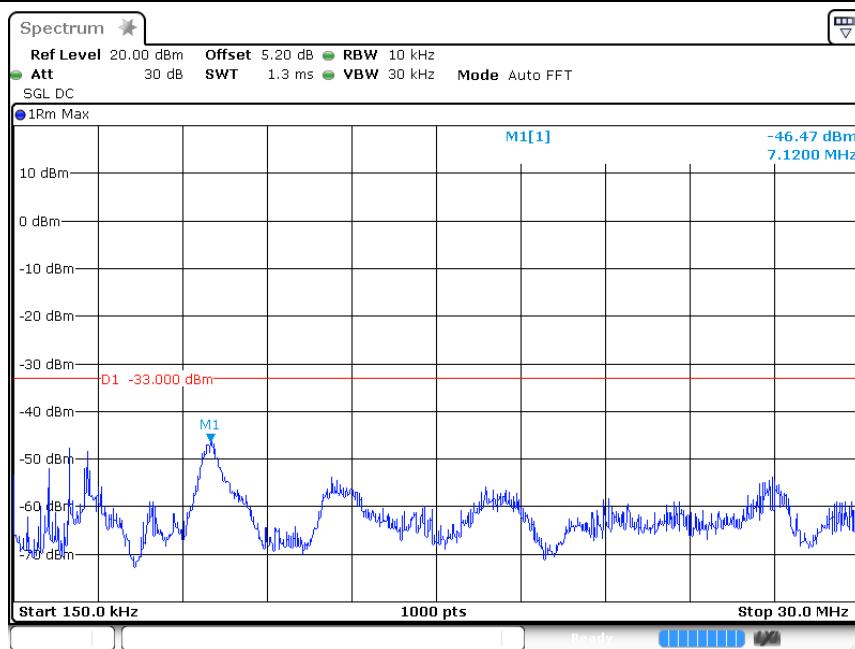
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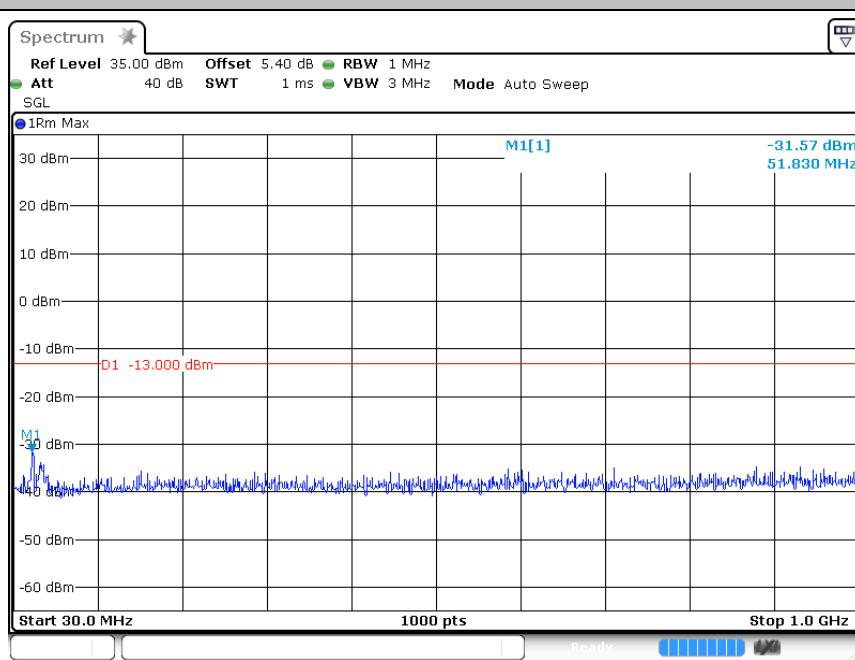
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GPRS1900_810



GPRS1900_810



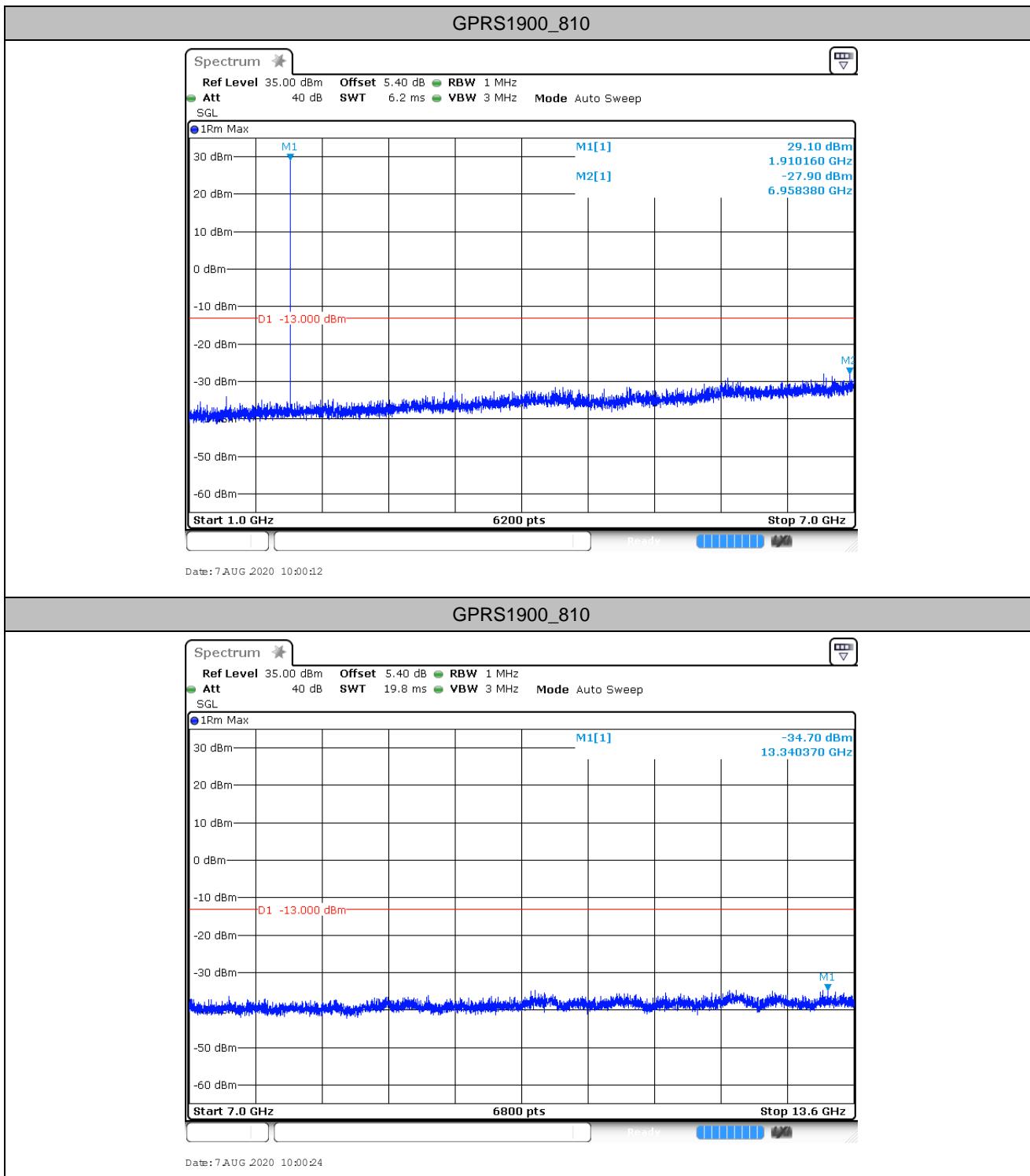
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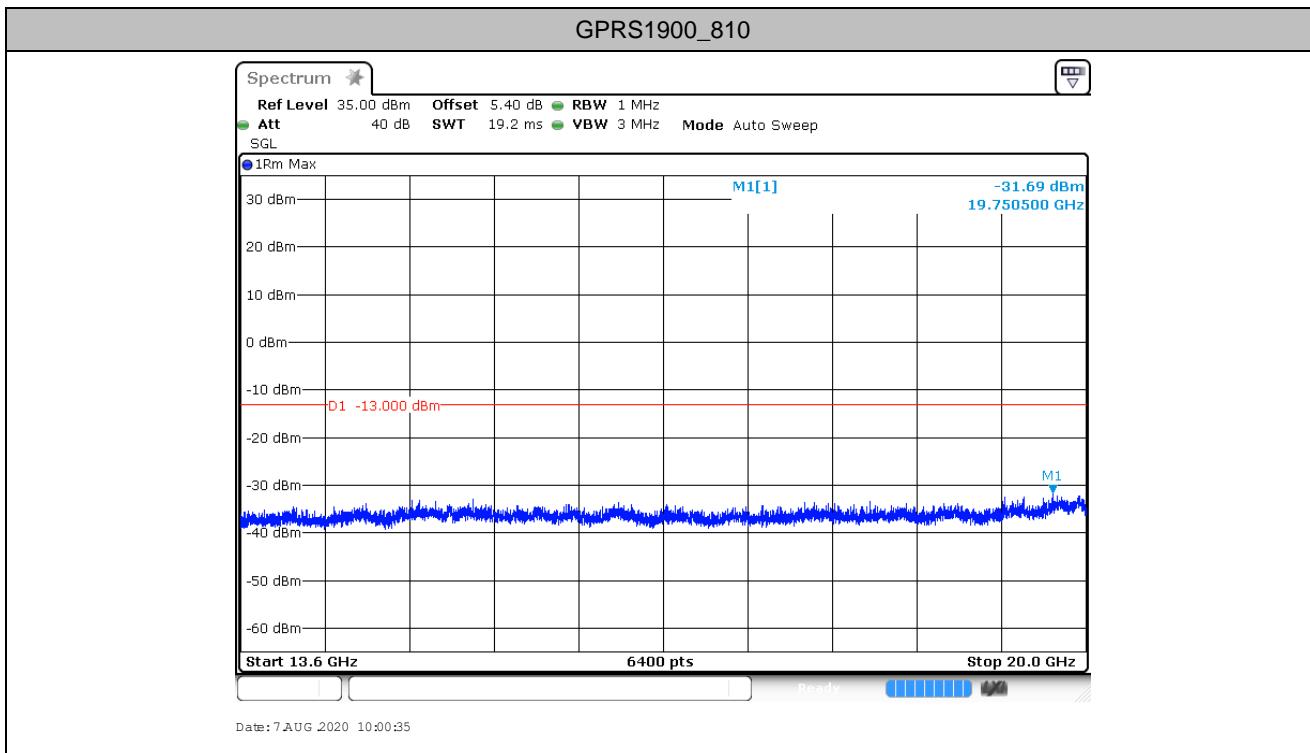
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7. Field Strength of Spurious Radiation

7.1. Test Band = GSM 1900

7.1.1. Test Channel = LCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
79.8605	-60.99	-13.00	47.99	222	354	Vertical
246.4663	-66.57	-13.00	53.57	236	354	Vertical
3700.5234	-51.61	-13.00	38.61	172	322	Vertical
5550.5850	-51.90	-13.00	38.90	199	194	Vertical
7400.6467	-41.99	-13.00	28.99	172	99	Vertical
17999.5000	-39.33	-13.00	26.33	263	354	Vertical
43.1927	-64.62	-13.00	51.62	133	195	Horizontal
163.9152	-65.39	-13.00	52.39	173	291	Horizontal
3700.5234	-46.51	-13.00	33.51	174	227	Horizontal
5550.5850	-51.21	-13.00	38.21	122	131	Horizontal
7400.6467	-49.91	-13.00	36.91	263	131	Horizontal
16401.9467	-42.78	-13.00	29.78	274	355	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
79.5210	-60.94	-13.00	47.94	284	355	Vertical
340.9005	-65.92	-13.00	52.92	266	323	Vertical
3760.0253	-47.73	-13.00	34.73	231	323	Vertical
5640.0880	-51.13	-13.00	38.13	272	196	Vertical
7520.1507	-44.78	-13.00	31.78	196	100	Vertical
17995.4999	-39.64	-13.00	26.64	171	4	Vertical
45.0358	-63.67	-13.00	50.67	196	164	Horizontal
161.1991	-64.69	-13.00	51.69	272	291	Horizontal
3760.0253	-44.78	-13.00	31.78	241	227	Horizontal
5640.0880	-49.23	-13.00	36.23	126	227	Horizontal
7519.6507	-53.58	-13.00	40.58	184	164	Horizontal
16394.4465	-43.13	-13.00	30.13	194	35	Horizontal

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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
80.0545	-60.80	-13.00	47.80	166	324	Vertical
341.8706	-66.53	-13.00	53.53	173	292	Vertical
3819.5273	-47.10	-13.00	34.10	172	324	Vertical
5729.5910	-53.39	-13.00	40.39	228	68	Vertical
7639.1546	-44.96	-13.00	31.96	269	36	Vertical
17995.9999	-38.93	-13.00	25.93	271	356	Vertical
43.3382	-64.16	-13.00	51.16	166	36	Horizontal
163.6727	-66.20	-13.00	53.20	132	99	Horizontal
3819.5273	-40.67	-13.00	27.67	172	99	Horizontal
5729.5910	-55.92	-13.00	42.92	266	259	Horizontal
7639.1546	-51.14	-13.00	38.14	294	163	Horizontal
16396.9466	-43.36	-13.00	30.36	218	355	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
80.2000	-59.92	-13.00	46.92	296	356	Vertical
245.4478	-65.97	-13.00	52.97	152	292	Vertical
1648.1296	-44.28	-13.00	31.28	138	351	Vertical
2474.2949	-32.67	-13.00	19.67	194	57	Vertical
3297.0099	-53.09	-13.00	40.09	172	324	Vertical
4121.0374	-48.01	-13.00	35.01	222	260	Vertical
44.5507	-63.92	-13.00	50.92	196	260	Horizontal
161.5871	-59.68	-13.00	46.68	111	324	Horizontal
1648.5297	-40.85	-13.00	27.85	163	353	Horizontal
2472.6945	-49.44	-13.00	36.44	129	231	Horizontal
3297.0099	-39.05	-13.00	26.05	285	36	Horizontal
4120.5374	-51.07	-13.00	38.07	211	260	Horizontal

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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
80.3455	-61.73	-13.00	48.73	117	322	Vertical
254.0812	-66.67	-13.00	53.67	153	322	Vertical
1672.9346	-46.55	-13.00	33.55	263	296	Vertical
2509.5019	-42.71	-13.00	29.71	274	356	Vertical
3346.5116	-53.56	-13.00	40.56	194	290	Vertical
4183.0394	-46.42	-13.00	33.42	278	4	Vertical
45.4238	-63.84	-13.00	50.84	196	99	Horizontal
162.3146	-61.72	-13.00	48.72	225	99	Horizontal
1672.9346	-43.70	-13.00	30.70	234	154	Horizontal
2510.3021	-33.98	-13.00	20.98	186	0	Horizontal
3346.5116	-40.40	-13.00	27.40	112	68	Horizontal
4183.0394	-51.99	-13.00	38.99	194	291	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
78.4539	-57.68	-13.00	44.68	245	68	Vertical
251.9471	-67.30	-13.00	54.30	211	36	Vertical
1697.7395	-48.57	-13.00	35.57	293	337	Vertical
2546.3093	-46.97	-13.00	33.97	237	90	Vertical
3395.0132	-59.18	-13.00	46.18	278	259	Vertical
4244.0415	-44.02	-13.00	31.02	118	195	Vertical
40.6220	-58.98	-13.00	45.98	242	35	Horizontal
162.8966	-65.65	-13.00	52.65	172	291	Horizontal
1697.7395	-43.08	-13.00	30.08	299	198	Horizontal
2546.7093	-43.17	-13.00	30.17	234	33	Horizontal
3395.5132	-48.49	-13.00	35.49	274	227	Horizontal
4244.0415	-46.48	-13.00	33.48	178	99	Horizontal

Remark:

- 1) According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.
- 2) The disturbance above 12.75GHz and below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data had been displayed.

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8. Frequency Stability

8.1. Frequency Error Vs Voltage

Band	Channel	Voltage (Vdc)	Temperature (°C)	Voltage			Verdict
				Deviation (Hz)	Deviation (ppm)	Limit (ppm)	
GSM850	128	VL	TN	14.11	0.017118	2.5	PASS
GSM850	128	VN	TN	9.04	0.010968	2.5	PASS
GSM850	128	VH	TN	7.26	0.008814	2.5	PASS
GSM850	190	VL	TN	11.95	0.014279	2.5	PASS
GSM850	190	VN	TN	14.85	0.017752	2.5	PASS
GSM850	190	VH	TN	13.11	0.015668	2.5	PASS
GSM850	251	VL	TN	12.79	0.015063	2.5	PASS
GSM850	251	VN	TN	12.72	0.014987	2.5	PASS
GSM850	251	VH	TN	15.34	0.018068	2.5	PASS
GPRS850	128	VL	TN	21.92	0.026598	2.5	PASS
GPRS850	128	VN	TN	19.37	0.023503	2.5	PASS
GPRS850	128	VH	TN	23.60	0.028635	2.5	PASS
GPRS850	190	VL	TN	20.44	0.024429	2.5	PASS
GPRS850	190	VN	TN	21.73	0.025972	2.5	PASS
GPRS850	190	VH	TN	22.73	0.027169	2.5	PASS
GPRS850	251	VL	TN	20.21	0.023811	2.5	PASS
GPRS850	251	VN	TN	18.69	0.022023	2.5	PASS
GPRS850	251	VH	TN	18.50	0.021795	2.5	PASS
GSM1900	512	VL	TN	-13.11	-0.007085	2.5	PASS
GSM1900	512	VN	TN	-12.98	-0.007015	2.5	PASS
GSM1900	512	VH	TN	-13.95	-0.007538	2.5	PASS
GSM1900	661	VL	TN	-13.79	-0.007333	2.5	PASS
GSM1900	661	VN	TN	-12.75	-0.006783	2.5	PASS
GSM1900	661	VH	TN	-10.82	-0.005753	2.5	PASS
GSM1900	810	VL	TN	-12.17	-0.006373	2.5	PASS
GSM1900	810	VN	TN	-12.88	-0.006745	2.5	PASS
GSM1900	810	VH	TN	-10.56	-0.005528	2.5	PASS
GPRS1900	512	VL	TN	-11.82	-0.006387	2.5	PASS
GPRS1900	512	VN	TN	-11.53	-0.006230	2.5	PASS
GPRS1900	512	VH	TN	-15.72	-0.008498	2.5	PASS
GPRS1900	661	VL	TN	-9.62	-0.005118	2.5	PASS
GPRS1900	661	VN	TN	-11.20	-0.005959	2.5	PASS
GPRS1900	661	VH	TN	-13.40	-0.007127	2.5	PASS
GPRS1900	810	VL	TN	-11.56	-0.006052	2.5	PASS
GPRS1900	810	VN	TN	-8.75	-0.004581	2.5	PASS
GPRS1900	810	VH	TN	-11.82	-0.006187	2.5	PASS

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8.2. Frequency Error Vs Temperature

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	11.82	0.014337	2.5	PASS
GSM850	128	VN	-20	12.69	0.015395	2.5	PASS
GSM850	128	VN	-10	10.62	0.012888	2.5	PASS
GSM850	128	VN	0	10.07	0.012222	2.5	PASS
GSM850	128	VN	10	12.75	0.015473	2.5	PASS
GSM850	128	VN	20	8.68	0.010537	2.5	PASS
GSM850	128	VN	30	13.27	0.016100	2.5	PASS
GSM850	128	VN	40	11.91	0.014455	2.5	PASS
GSM850	128	VN	50	9.62	0.011673	2.5	PASS
GSM850	190	VN	-30	14.24	0.017019	2.5	PASS
GSM850	190	VN	-20	13.95	0.016672	2.5	PASS
GSM850	190	VN	-10	17.98	0.021496	2.5	PASS
GSM850	190	VN	0	18.69	0.022345	2.5	PASS
GSM850	190	VN	10	12.30	0.014703	2.5	PASS
GSM850	190	VN	20	16.01	0.019142	2.5	PASS
GSM850	190	VN	30	12.88	0.015398	2.5	PASS
GSM850	190	VN	40	14.14	0.016903	2.5	PASS
GSM850	190	VN	50	16.69	0.019952	2.5	PASS
GSM850	251	VN	-30	14.27	0.016812	2.5	PASS
GSM850	251	VN	-20	13.88	0.016356	2.5	PASS
GSM850	251	VN	-10	12.95	0.015253	2.5	PASS
GSM850	251	VN	0	14.82	0.017459	2.5	PASS
GSM850	251	VN	10	13.79	0.016242	2.5	PASS
GSM850	251	VN	20	14.40	0.016965	2.5	PASS
GSM850	251	VN	30	16.11	0.018980	2.5	PASS
GSM850	251	VN	40	14.75	0.017383	2.5	PASS
GSM850	251	VN	50	12.49	0.014720	2.5	PASS
GPRS850	128	VN	-30	23.63	0.028674	2.5	PASS
GPRS850	128	VN	-20	21.53	0.026128	2.5	PASS
GPRS850	128	VN	-10	21.76	0.026402	2.5	PASS
GPRS850	128	VN	0	23.37	0.028361	2.5	PASS
GPRS850	128	VN	10	23.25	0.028204	2.5	PASS
GPRS850	128	VN	20	23.02	0.027930	2.5	PASS
GPRS850	128	VN	30	22.21	0.026951	2.5	PASS
GPRS850	128	VN	40	19.86	0.024091	2.5	PASS
GPRS850	128	VN	50	21.05	0.025540	2.5	PASS
GPRS850	190	VN	-30	21.15	0.025278	2.5	PASS

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GPRS850	190	VN	-20	19.86	0.023734	2.5	PASS
GPRS850	190	VN	-10	19.31	0.023078	2.5	PASS
GPRS850	190	VN	0	20.24	0.024197	2.5	PASS
GPRS850	190	VN	10	20.82	0.024892	2.5	PASS
GPRS850	190	VN	20	18.79	0.022460	2.5	PASS
GPRS850	190	VN	30	19.44	0.023232	2.5	PASS
GPRS850	190	VN	40	19.60	0.023425	2.5	PASS
GPRS850	190	VN	50	18.82	0.022499	2.5	PASS
GPRS850	251	VN	-30	16.27	0.019171	2.5	PASS
GPRS850	251	VN	-20	20.82	0.024534	2.5	PASS
GPRS850	251	VN	-10	18.89	0.022252	2.5	PASS
GPRS850	251	VN	0	20.79	0.024496	2.5	PASS
GPRS850	251	VN	10	19.95	0.023507	2.5	PASS
GPRS850	251	VN	20	17.37	0.020464	2.5	PASS
GPRS850	251	VN	30	19.47	0.022936	2.5	PASS
GPRS850	251	VN	40	18.18	0.021415	2.5	PASS
GPRS850	251	VN	50	19.21	0.022632	2.5	PASS
GSM1900	512	VN	-30	-13.69	-0.007399	2.5	PASS
GSM1900	512	VN	-20	-10.59	-0.005724	2.5	PASS
GSM1900	512	VN	-10	-11.56	-0.006247	2.5	PASS
GSM1900	512	VN	0	-14.30	-0.007730	2.5	PASS
GSM1900	512	VN	10	-12.46	-0.006736	2.5	PASS
GSM1900	512	VN	20	-15.08	-0.008149	2.5	PASS
GSM1900	512	VN	30	-13.72	-0.007416	2.5	PASS
GSM1900	512	VN	40	-11.75	-0.006352	2.5	PASS
GSM1900	512	VN	50	-11.85	-0.006404	2.5	PASS
GSM1900	661	VN	-30	-13.62	-0.007247	2.5	PASS
GSM1900	661	VN	-20	-13.01	-0.006921	2.5	PASS
GSM1900	661	VN	-10	-13.27	-0.007058	2.5	PASS
GSM1900	661	VN	0	-12.01	-0.006388	2.5	PASS
GSM1900	661	VN	10	-14.56	-0.007745	2.5	PASS
GSM1900	661	VN	20	-12.62	-0.006715	2.5	PASS
GSM1900	661	VN	30	-11.56	-0.006148	2.5	PASS
GSM1900	661	VN	40	-14.59	-0.007762	2.5	PASS
GSM1900	661	VN	50	-13.53	-0.007196	2.5	PASS
GSM1900	810	VN	-30	-12.20	-0.006390	2.5	PASS
GSM1900	810	VN	-20	-10.17	-0.005325	2.5	PASS
GSM1900	810	VN	-10	-9.91	-0.005190	2.5	PASS
GSM1900	810	VN	0	-10.40	-0.005444	2.5	PASS
GSM1900	810	VN	10	-10.20	-0.005342	2.5	PASS
GSM1900	810	VN	20	-13.24	-0.006931	2.5	PASS
GSM1900	810	VN	30	-9.01	-0.004717	2.5	PASS
GSM1900	810	VN	40	-10.56	-0.005528	2.5	PASS

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GSM1900	810	VN	50	-10.01	-0.005241	2.5	PASS
GPRS1900	512	VN	-30	-10.20	-0.005514	2.5	PASS
GPRS1900	512	VN	-20	-13.66	-0.007381	2.5	PASS
GPRS1900	512	VN	-10	-15.40	-0.008324	2.5	PASS
GPRS1900	512	VN	0	-13.08	-0.007067	2.5	PASS
GPRS1900	512	VN	10	-12.95	-0.006997	2.5	PASS
GPRS1900	512	VN	20	-11.85	-0.006404	2.5	PASS
GPRS1900	512	VN	30	-10.49	-0.005671	2.5	PASS
GPRS1900	512	VN	40	-11.30	-0.006107	2.5	PASS
GPRS1900	512	VN	50	-11.33	-0.006125	2.5	PASS
GPRS1900	661	VN	-30	-12.33	-0.006560	2.5	PASS
GPRS1900	661	VN	-20	-12.95	-0.006887	2.5	PASS
GPRS1900	661	VN	-10	-15.24	-0.008106	2.5	PASS
GPRS1900	661	VN	0	-9.81	-0.005221	2.5	PASS
GPRS1900	661	VN	10	-15.21	-0.008089	2.5	PASS
GPRS1900	661	VN	20	-12.01	-0.006388	2.5	PASS
GPRS1900	661	VN	30	-13.17	-0.007007	2.5	PASS
GPRS1900	661	VN	40	-13.17	-0.007007	2.5	PASS
GPRS1900	661	VN	50	-12.37	-0.006577	2.5	PASS
GPRS1900	810	VN	-30	-8.49	-0.004446	2.5	PASS
GPRS1900	810	VN	-20	-12.24	-0.006407	2.5	PASS
GPRS1900	810	VN	-10	-7.62	-0.003990	2.5	PASS
GPRS1900	810	VN	0	-9.52	-0.004987	2.5	PASS
GPRS1900	810	VN	10	-9.33	-0.004886	2.5	PASS
GPRS1900	810	VN	20	-11.07	-0.005799	2.5	PASS
GPRS1900	810	VN	30	-10.62	-0.005562	2.5	PASS
GPRS1900	810	VN	40	-13.56	-0.007100	2.5	PASS
GPRS1900	810	VN	50	-9.91	-0.005190	2.5	PASS

The End

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