



# 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	---	33.03	33.88	38.45	PASS
GSM850	190	---	32.86	33.71	38.45	PASS
GSM850	251	---	32.75	33.6	38.45	PASS
EGPRS850	128	1	25.96	26.81	38.45	PASS
EGPRS850	128	2	23.19	24.04	38.45	PASS
EGPRS850	128	3	21.73	22.58	38.45	PASS
EGPRS850	128	4	20.35	21.2	38.45	PASS
EGPRS850	190	1	25.91	26.76	38.45	PASS
EGPRS850	190	2	23.31	24.16	38.45	PASS
EGPRS850	190	3	21.84	22.69	38.45	PASS
EGPRS850	190	4	20.45	21.3	38.45	PASS
EGPRS850	251	1	25.92	26.77	38.45	PASS
EGPRS850	251	2	23.53	24.38	38.45	PASS
EGPRS850	251	3	21.98	22.83	38.45	PASS
EGPRS850	251	4	20.64	21.49	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.52	29.54	33.00	PASS
GSM1900	661	---	29.54	29.56	33.00	PASS
GSM1900	810	---	29.34	29.36	33.00	PASS
EGPRS1900	512	1	25.95	25.97	33.00	PASS
EGPRS1900	512	2	23.35	23.37	33.00	PASS
EGPRS1900	512	3	22.26	22.28	33.00	PASS
EGPRS1900	512	4	20.91	20.93	33.00	PASS
EGPRS1900	661	1	25.65	25.67	33.00	PASS
EGPRS1900	661	2	23.13	23.15	33.00	PASS
EGPRS1900	661	3	21.96	21.98	33.00	PASS
EGPRS1900	661	4	20.71	20.73	33.00	PASS
EGPRS1900	810	1	25.78	25.8	33.00	PASS
EGPRS1900	810	2	23.26	23.28	33.00	PASS
EGPRS1900	810	3	22.01	22.03	33.00	PASS
EGPRS1900	810	4	20.86	20.88	33.00	PASS



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Remark:

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

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

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



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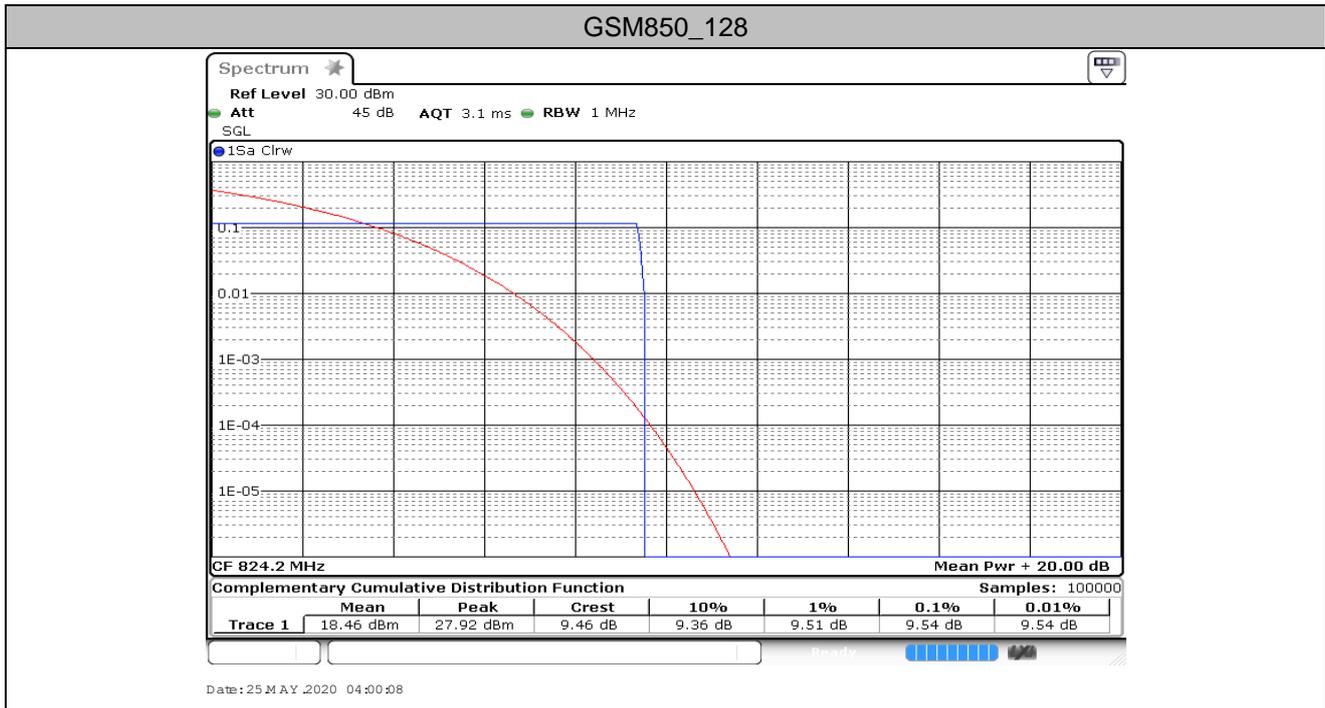
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## 2. Peak-to-Average Ratio

### 2.1. Test Result

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

### 2.2. Part II - Test Plots

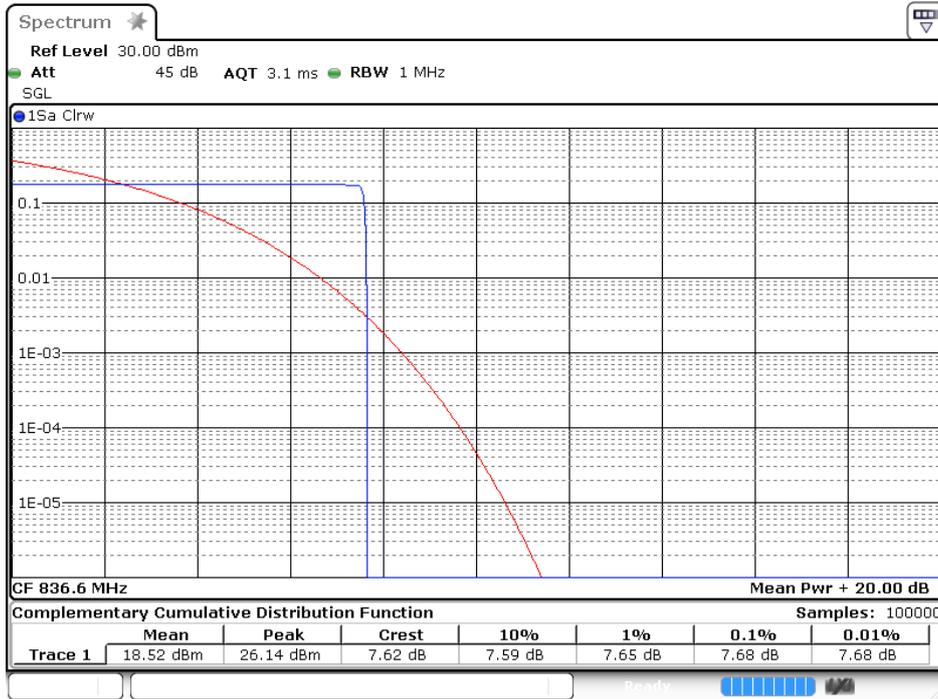


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GSM850\_190

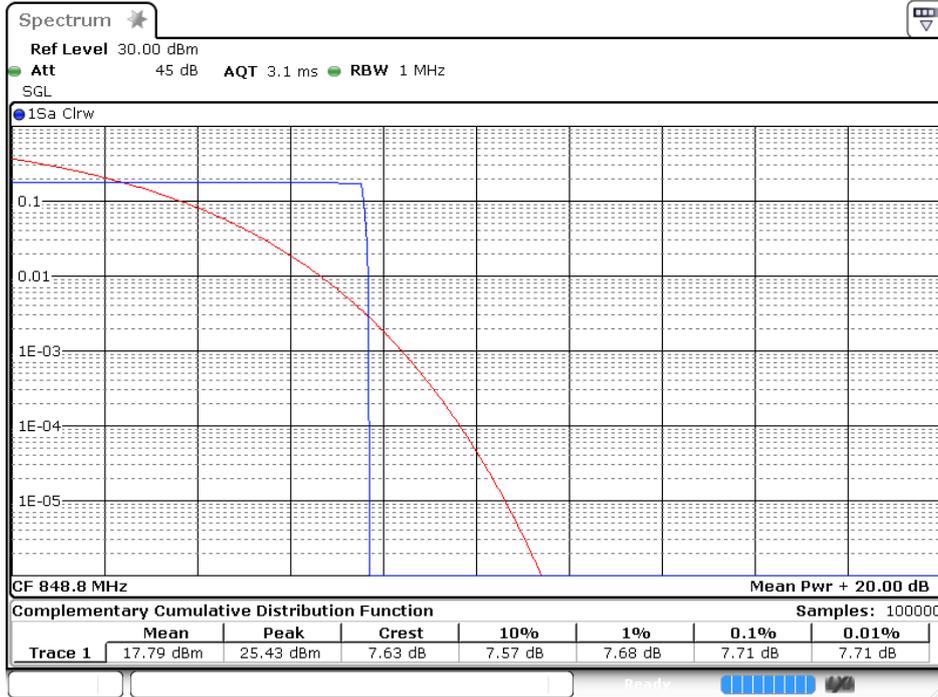


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GSM850\_251



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**EGPRS850\_128**

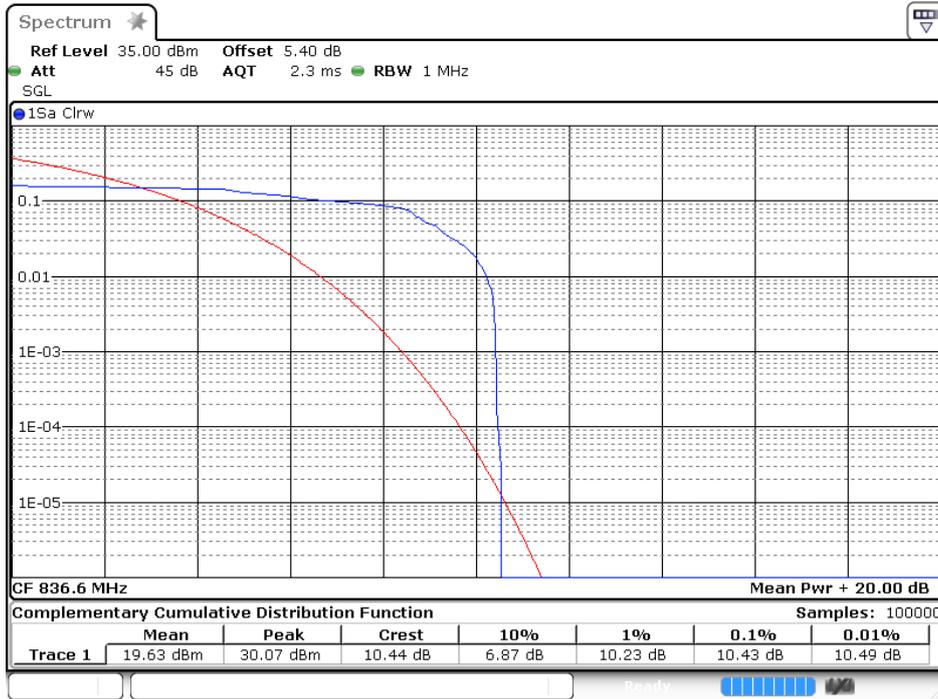


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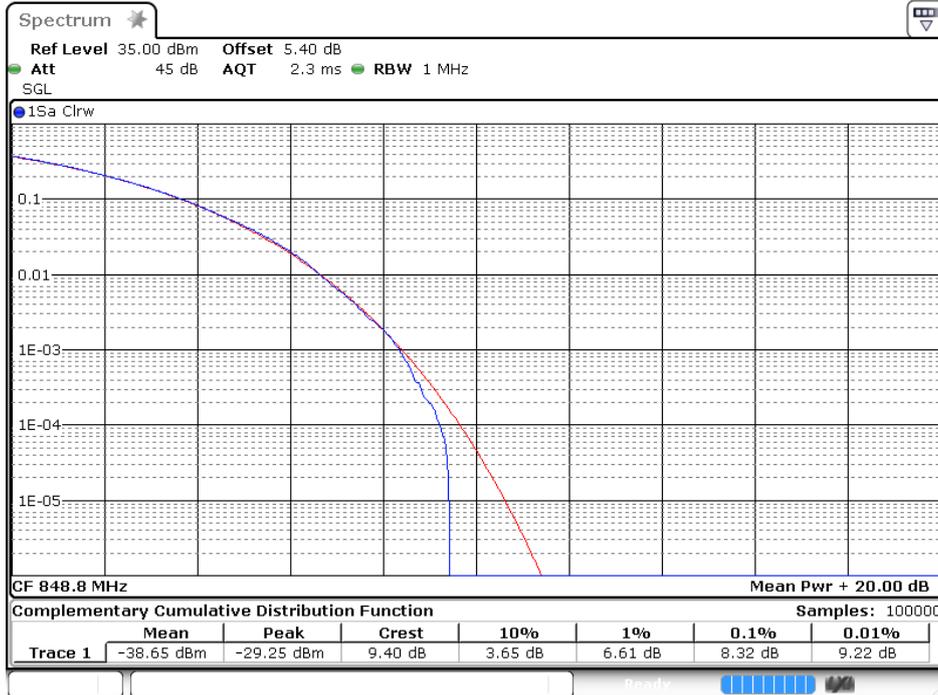
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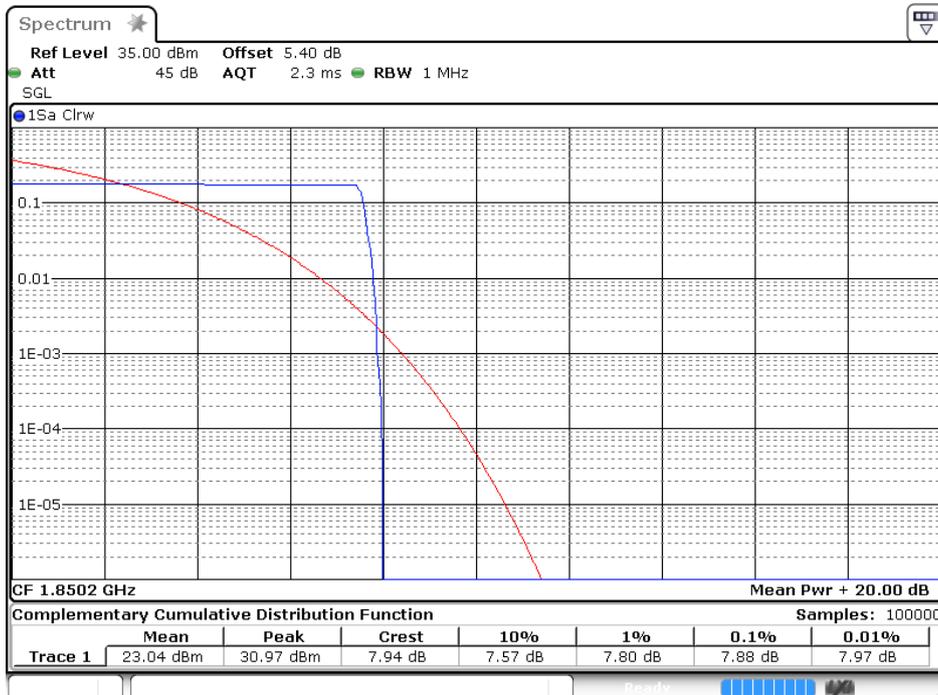
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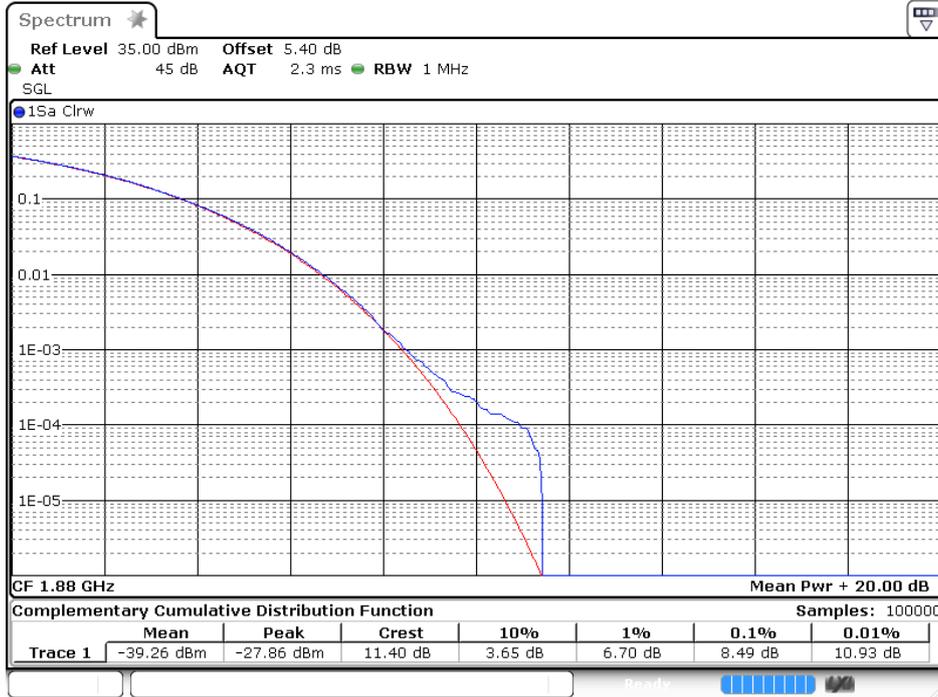


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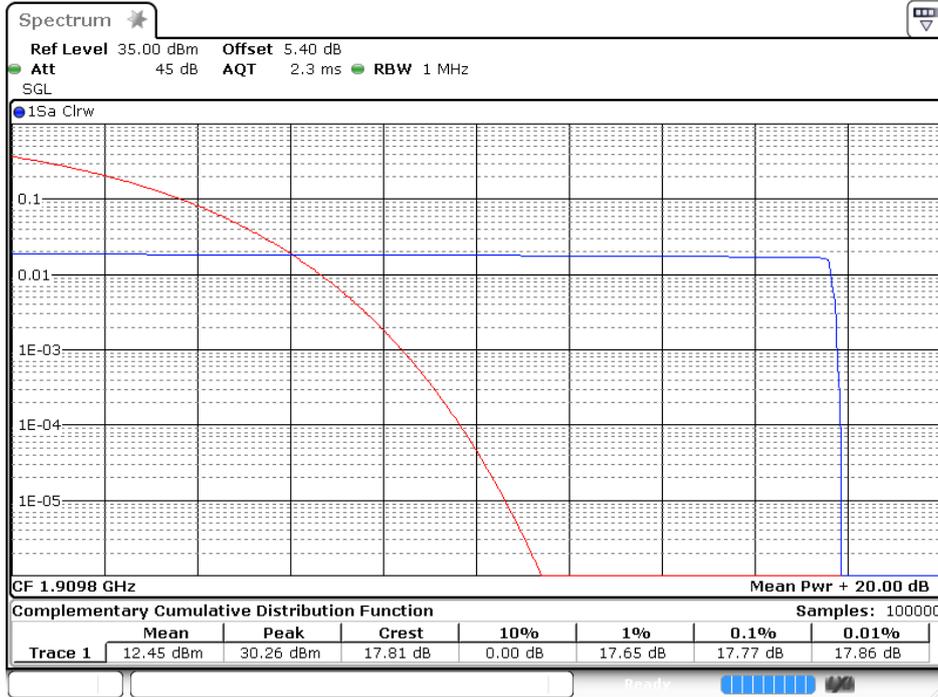


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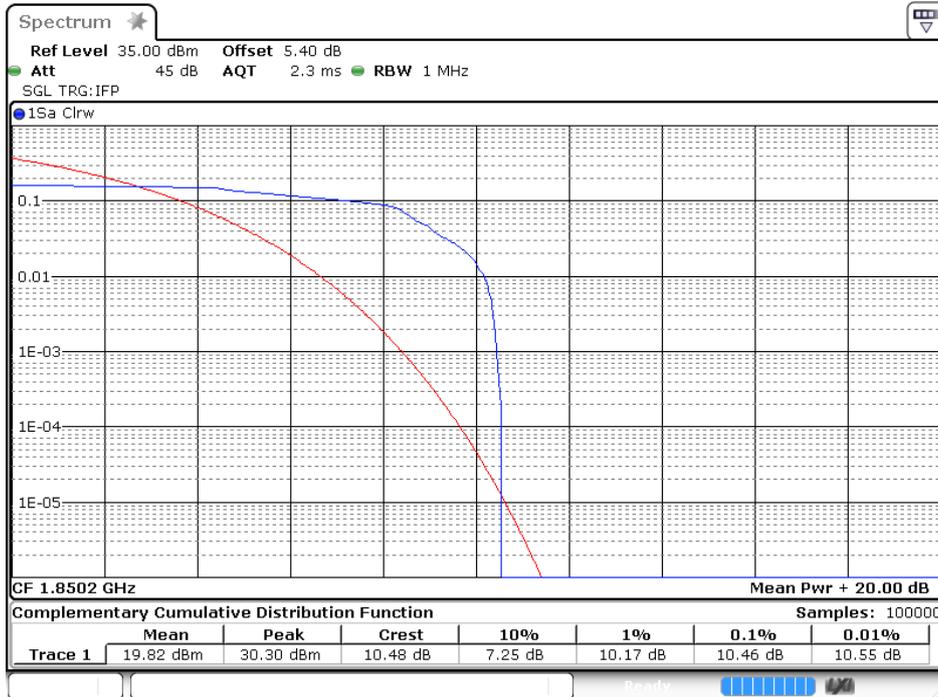


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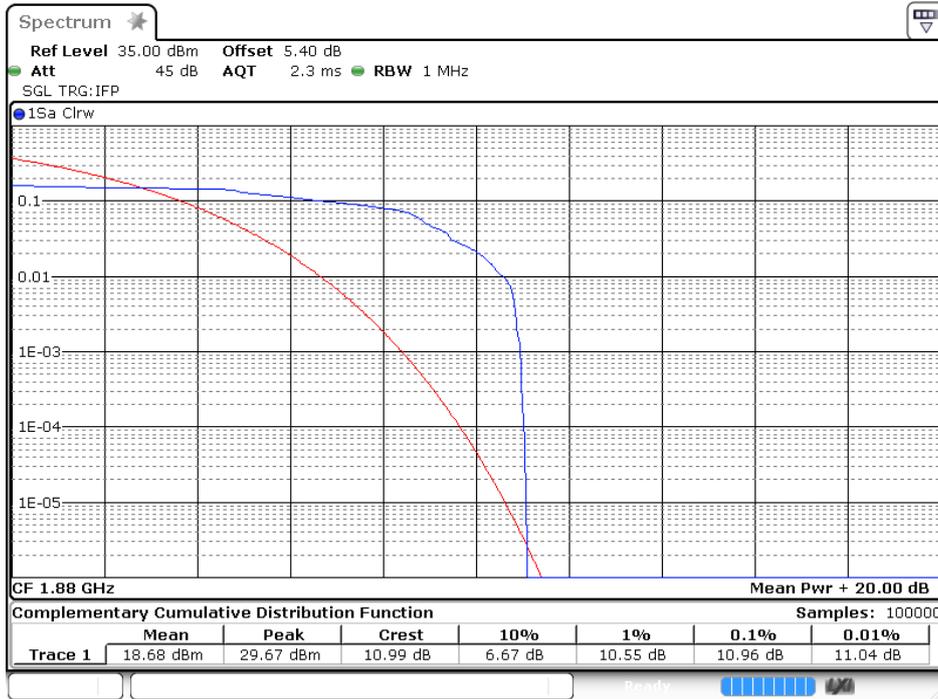


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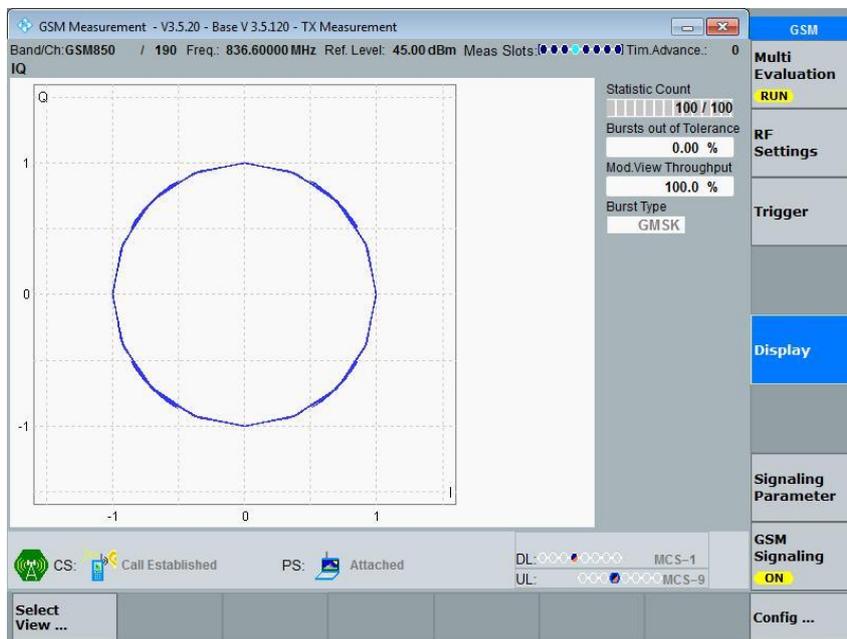
### 3. Modulation Characteristics

#### 3.1. For GSM

##### 3.1.1. Test Band = GSM 850

##### 3.1.1.1. Test Mode = GSM/TM1

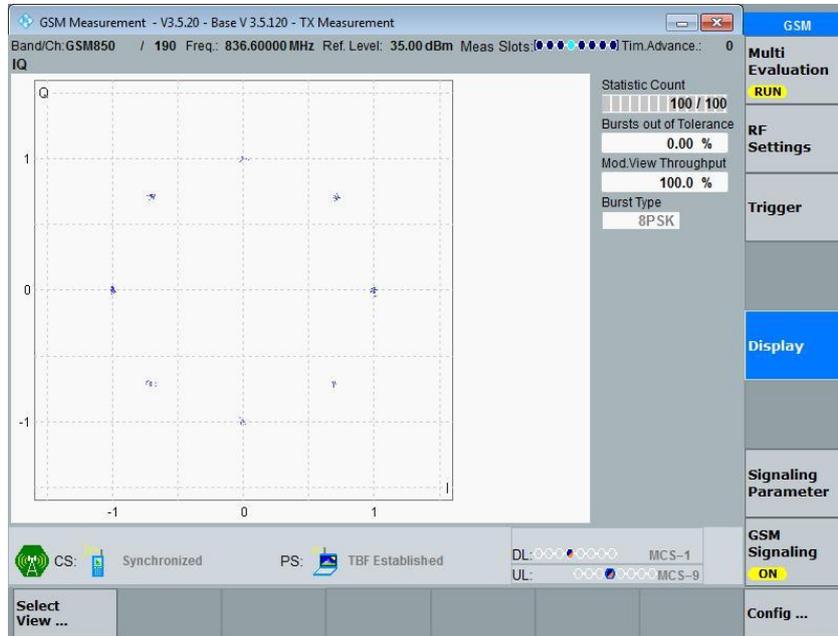
##### 3.1.1.1.1. Test Channel = MCH



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**3.1.1.2. Test Mode = GSM/TM2**

**3.1.1.2.1. Test Channel = MCH**

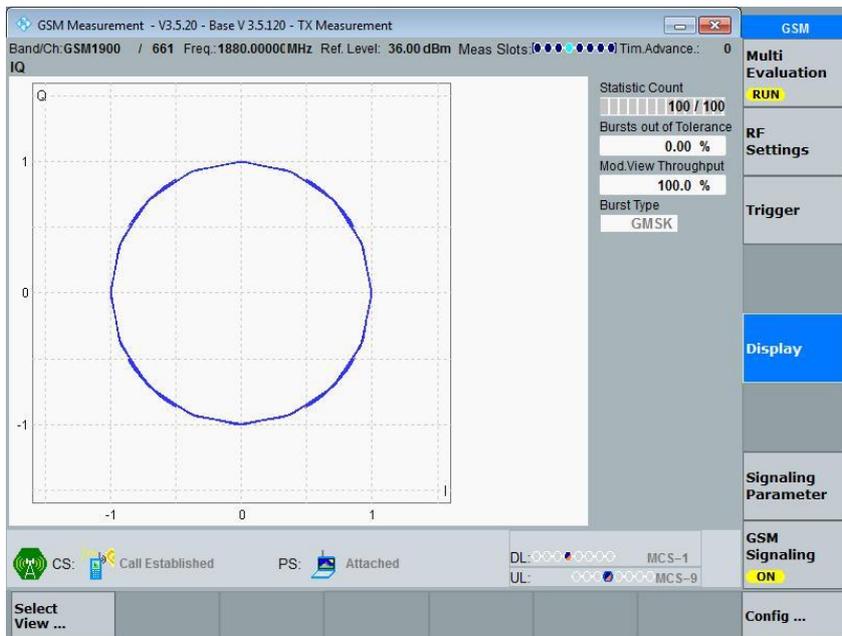


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**3.1.2. Test Band = GSM 1900**

**3.1.2.1. Test Mode = GSM/TM1**

**3.1.2.1.1. Test Channel = MCH**

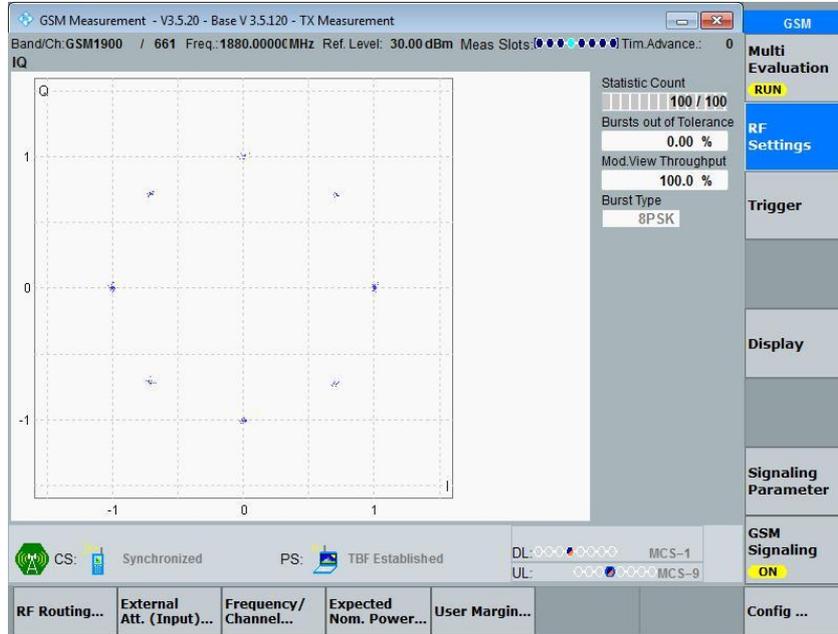


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**3.1.2.2. Test Mode = GSM/TM2**

**3.1.2.2.1. Test Channel = MCH**



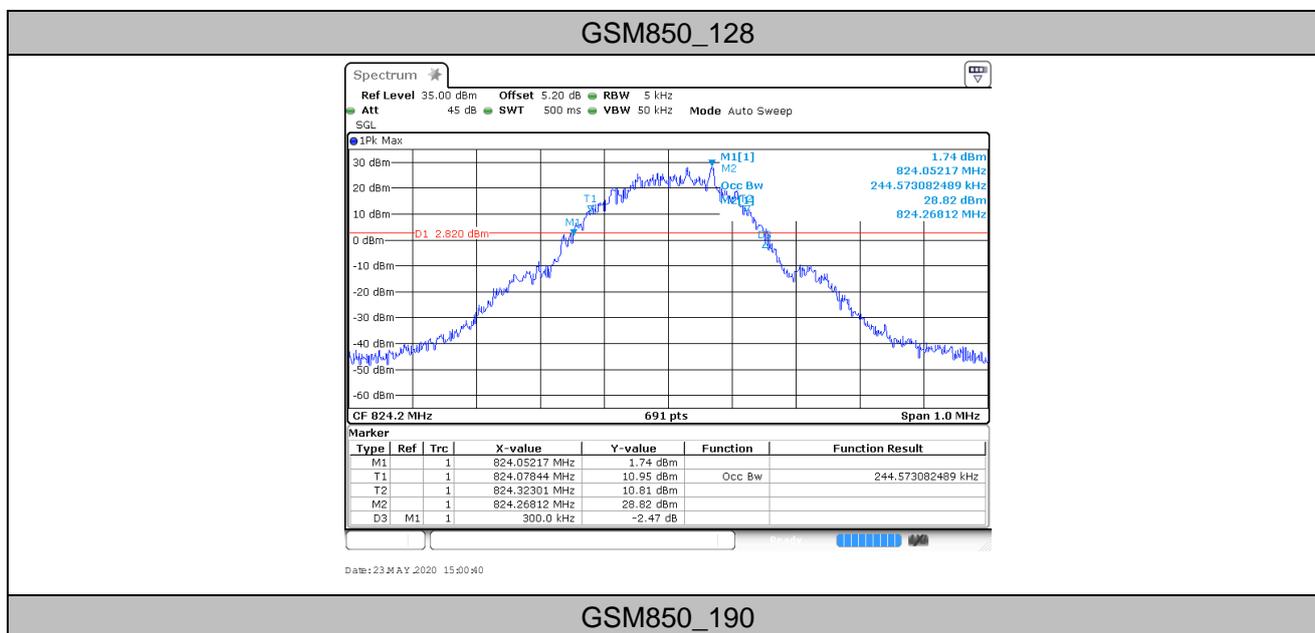
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## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

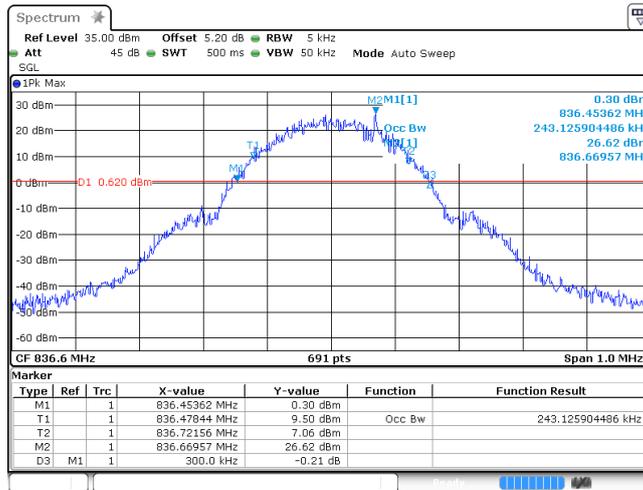
Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	244.6	300	---	PASS
GSM850	190	243.1	300	---	PASS
GSM850	251	243.1	301	---	PASS
EGPRS850	128	248.9	301	---	PASS
EGPRS850	190	250.4	300	---	PASS
EGPRS850	251	240.2	303	---	PASS
GSM1900	512	244.6	303	---	PASS
GSM1900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

### 4.2. Test Plots

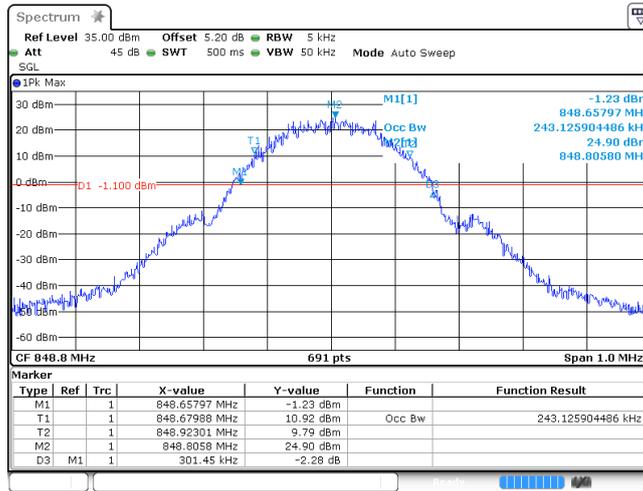


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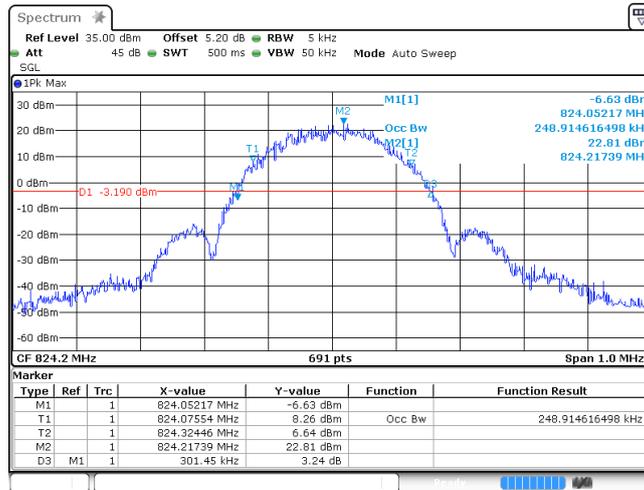
**GSM850\_251**



**EGPRS850\_128**

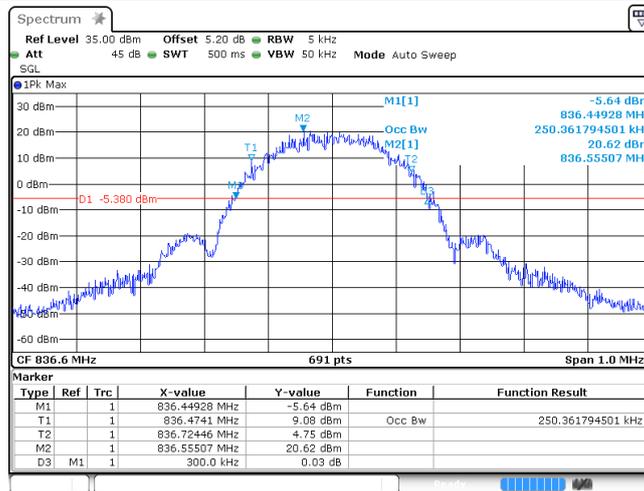


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Date: 23 MAY 2020 14:37:37

**EGPRS850\_190**

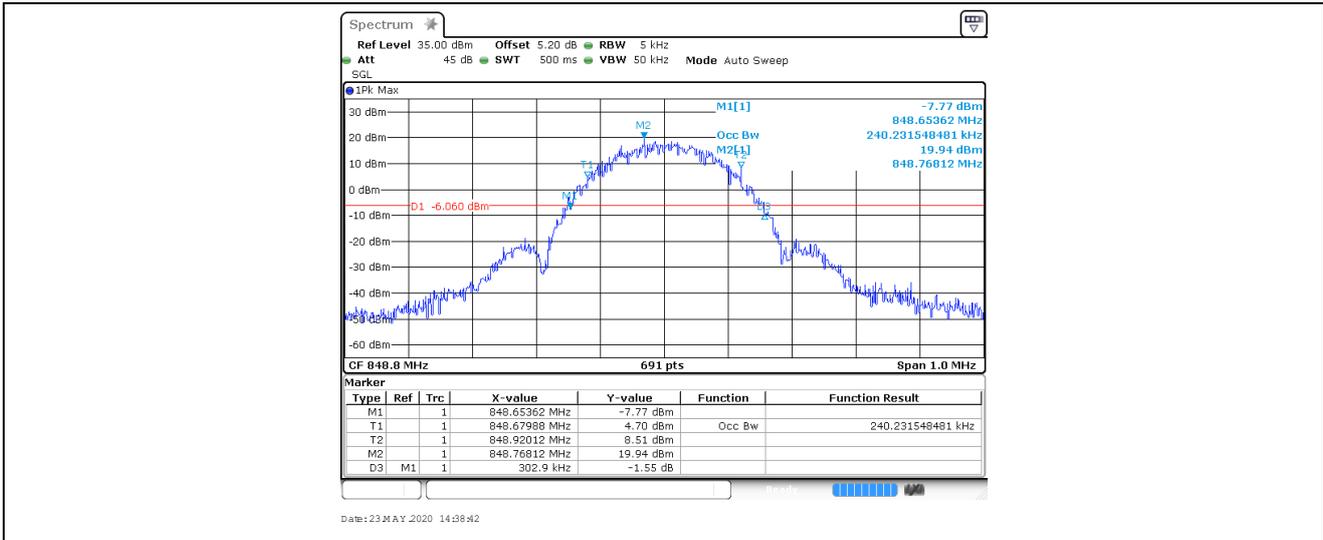


Date: 23 MAY 2020 14:08:09

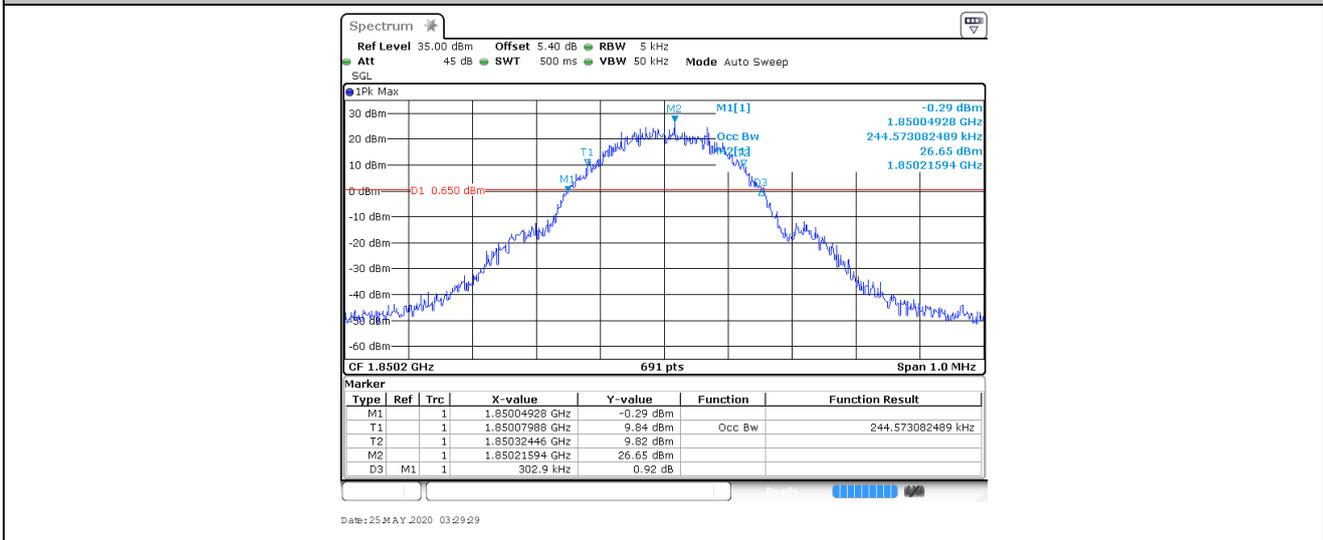
**EGPRS850\_251**



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**GSM1900\_512**

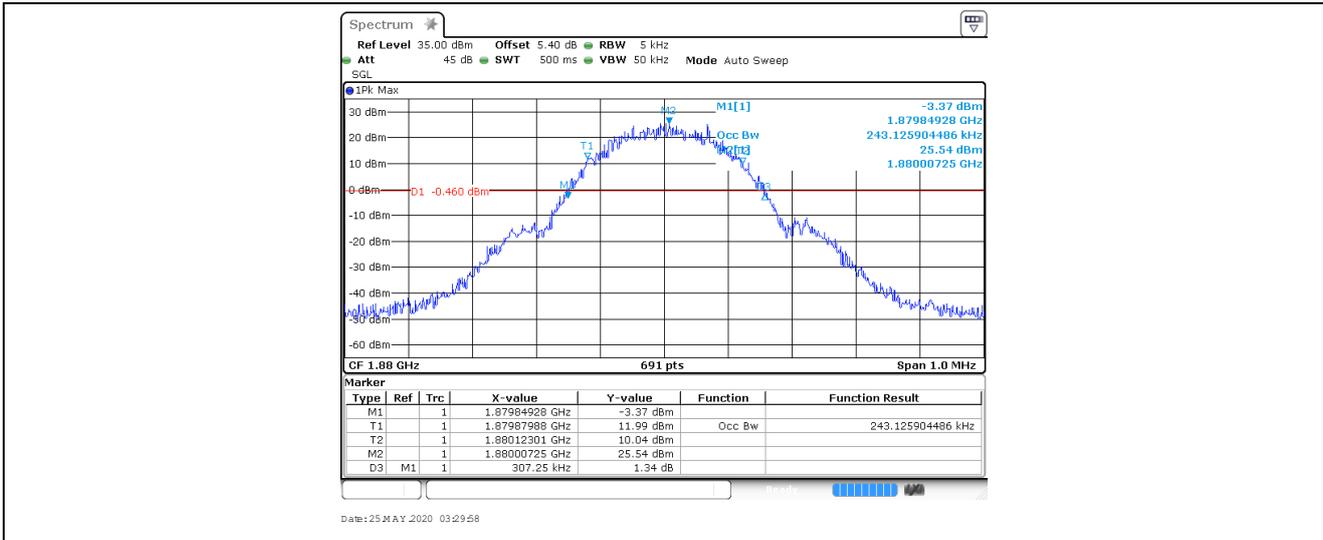


**GSM1900\_661**

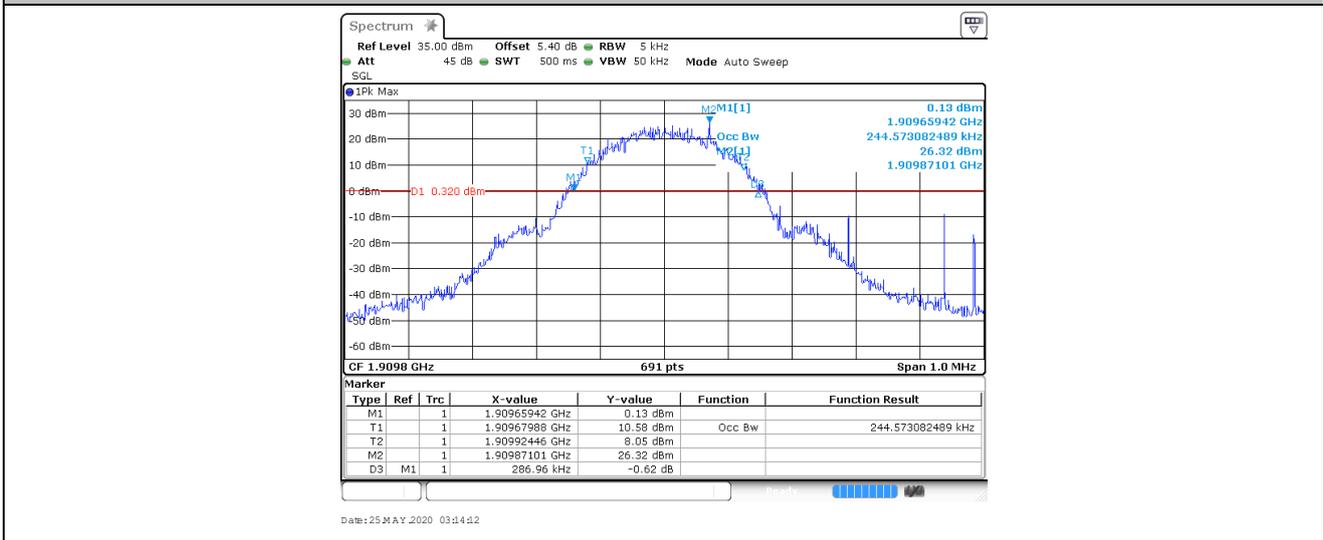


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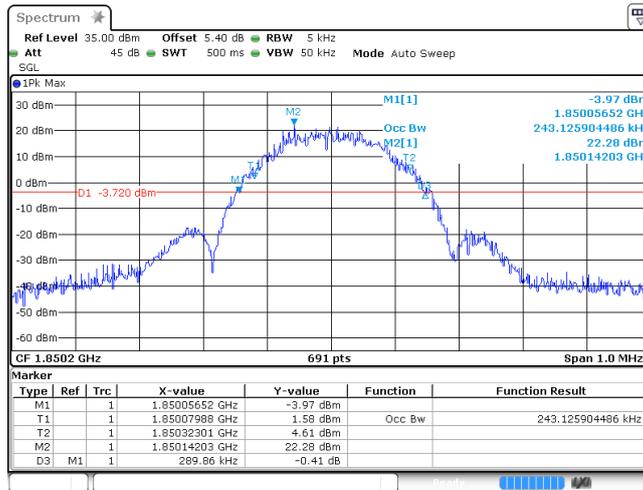
**GSM1900\_810**



**EGPRS1900\_512**

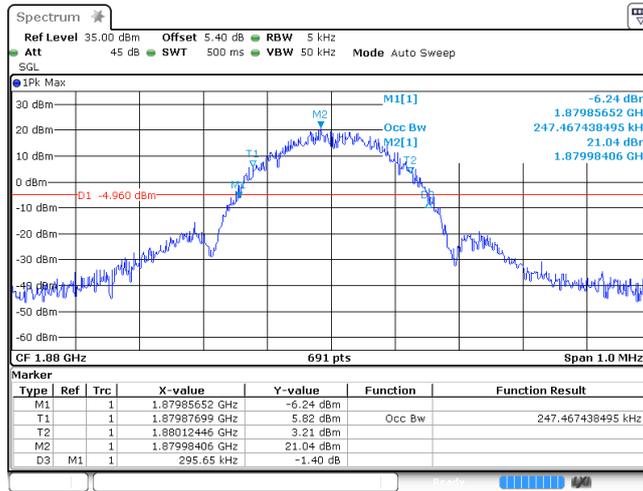


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Date: 21 MAY 2020 04:56:17

**EGPRS1900\_661**

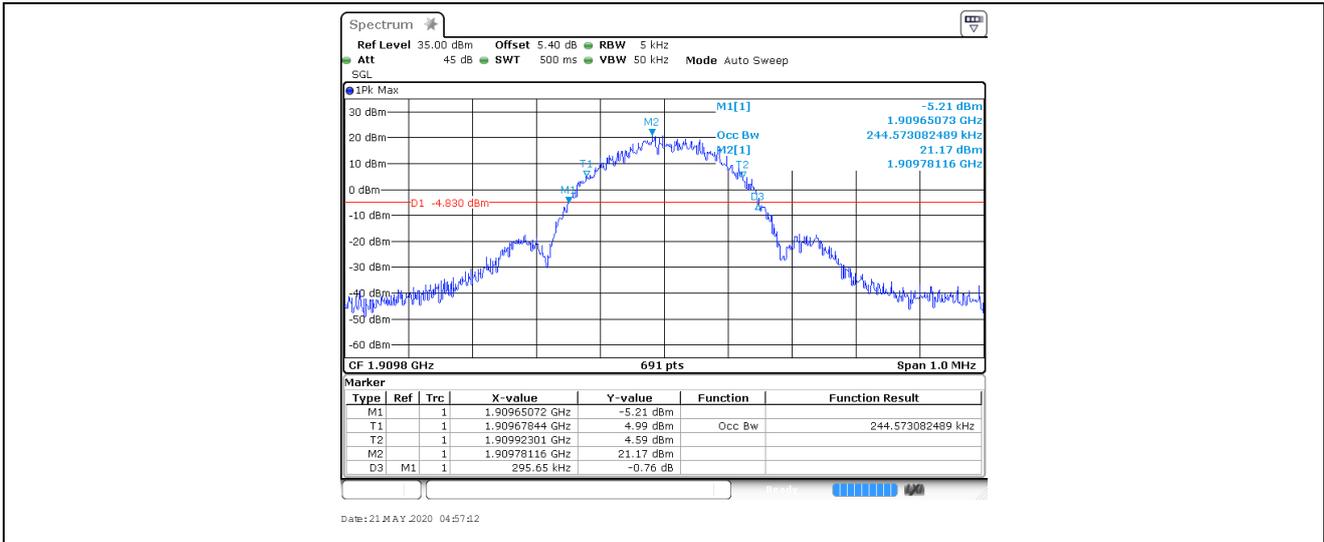


Date: 21 MAY 2020 04:56:44

**EGPRS1900\_810**



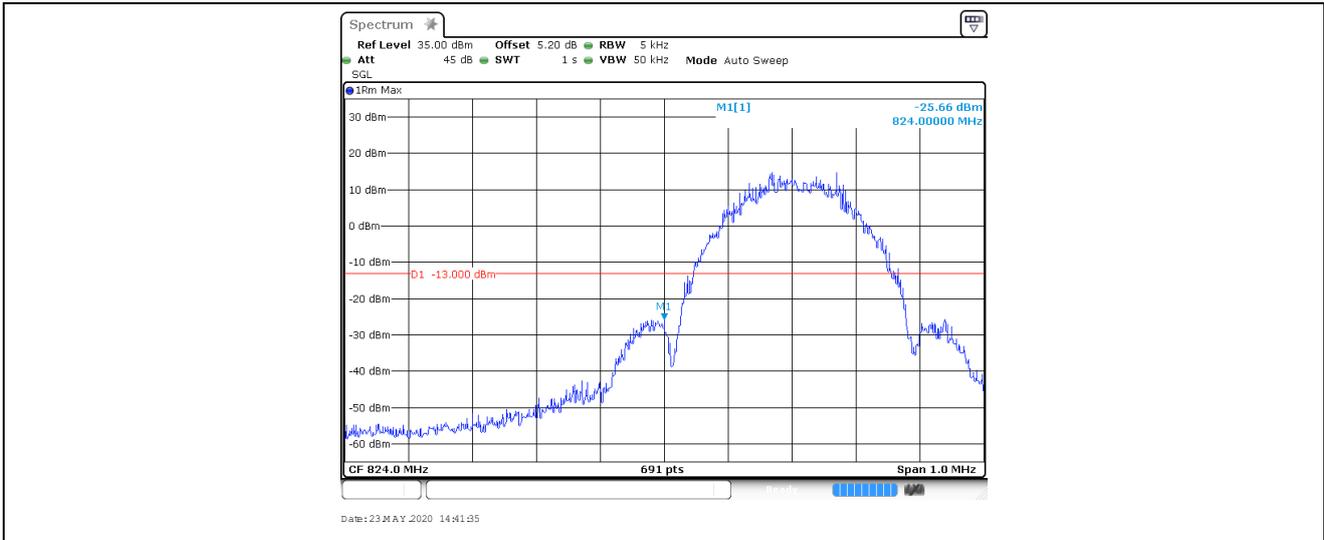
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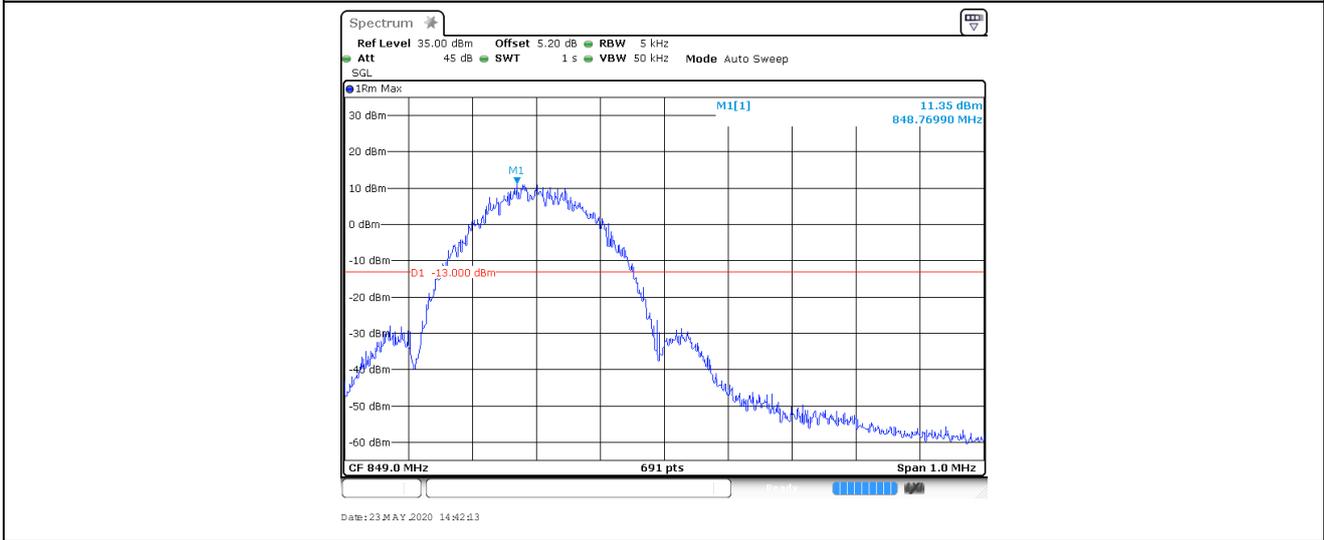
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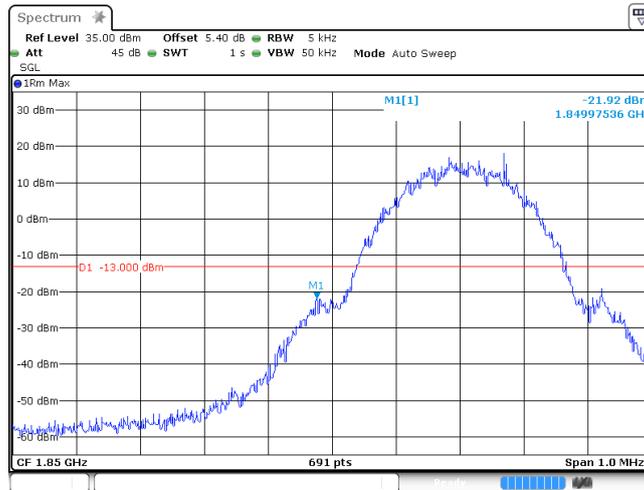
**EGPRS850\_251**



**GSM1900\_512**

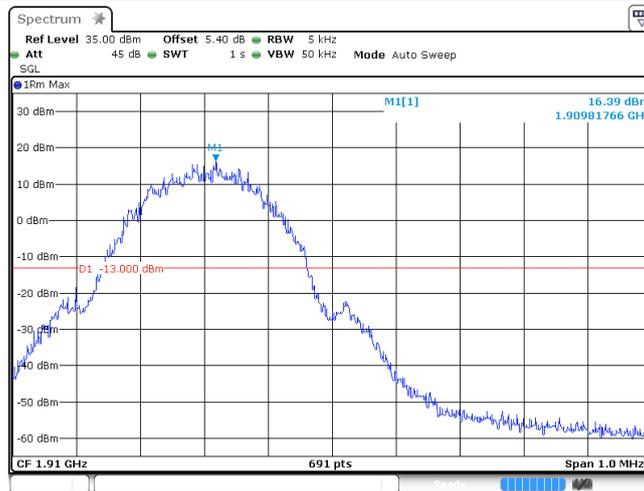


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Date: 25 MAY 2020 03:30:40

**GSM1900\_810**

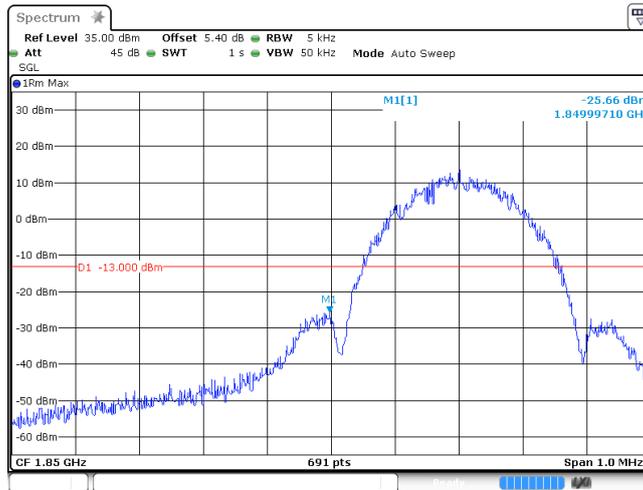


Date: 25 MAY 2020 03:31:15

**EGPRS1900\_512**

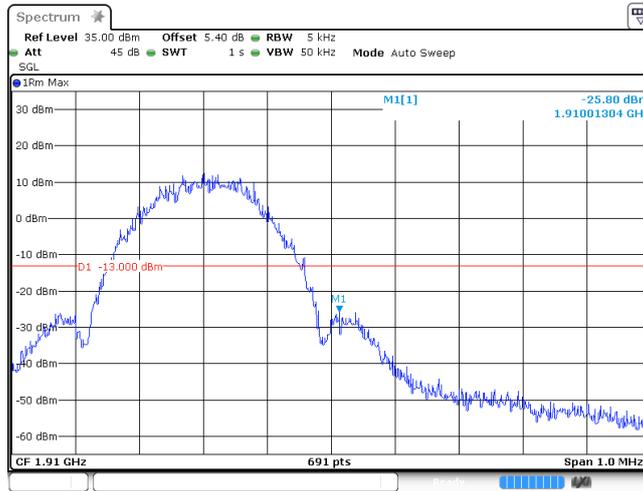


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Date: 21 MAY 2020 04:57:53

**EGPRS1900\_810**



Date: 21 MAY 2020 04:58:26



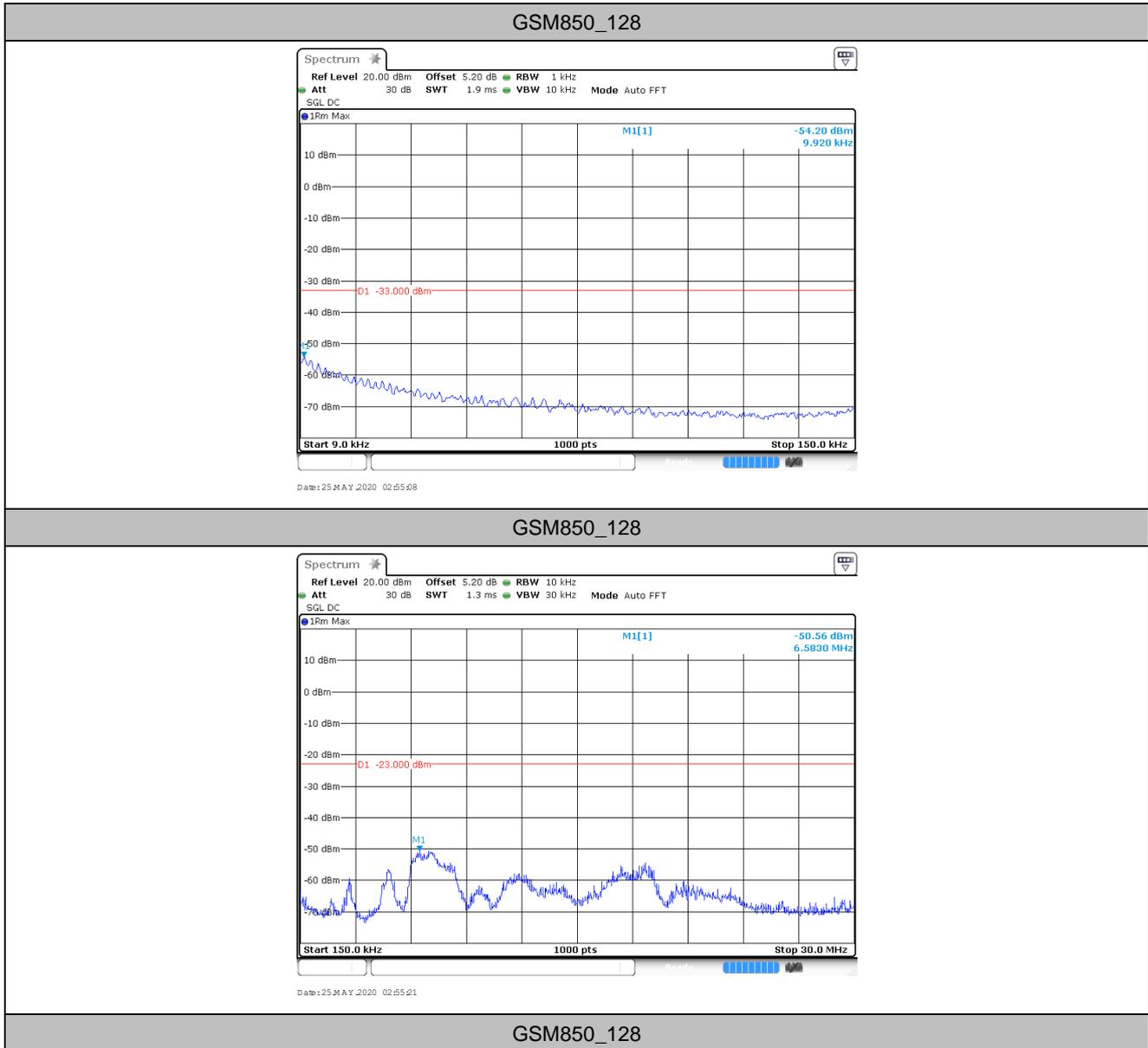
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## 6. Spurious Emission at Antenna Terminal

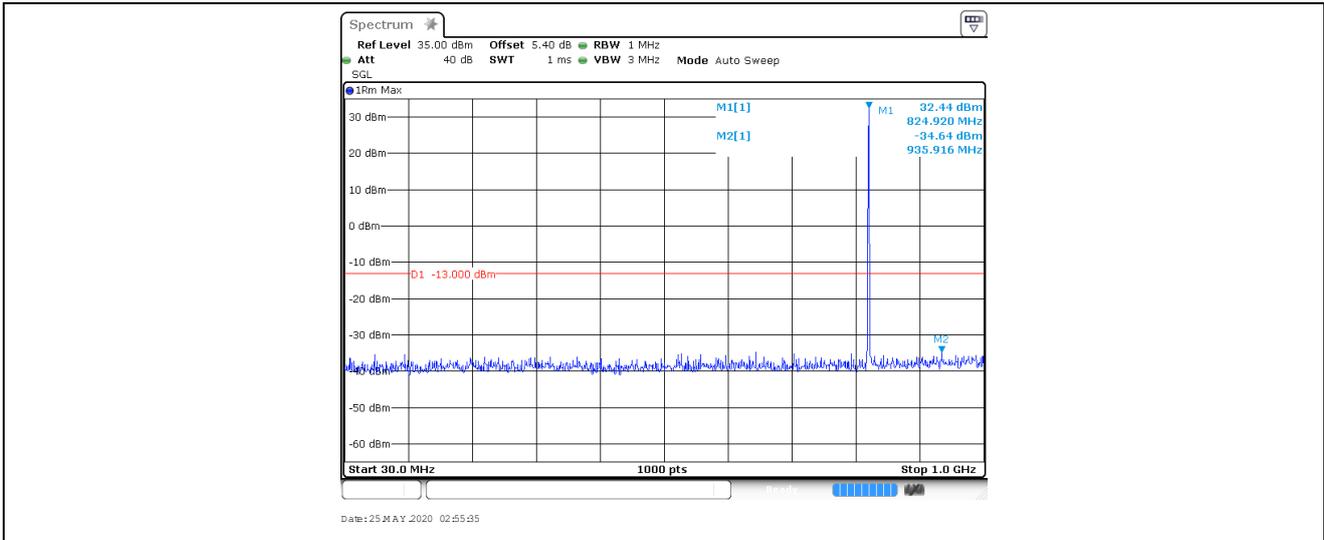
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

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

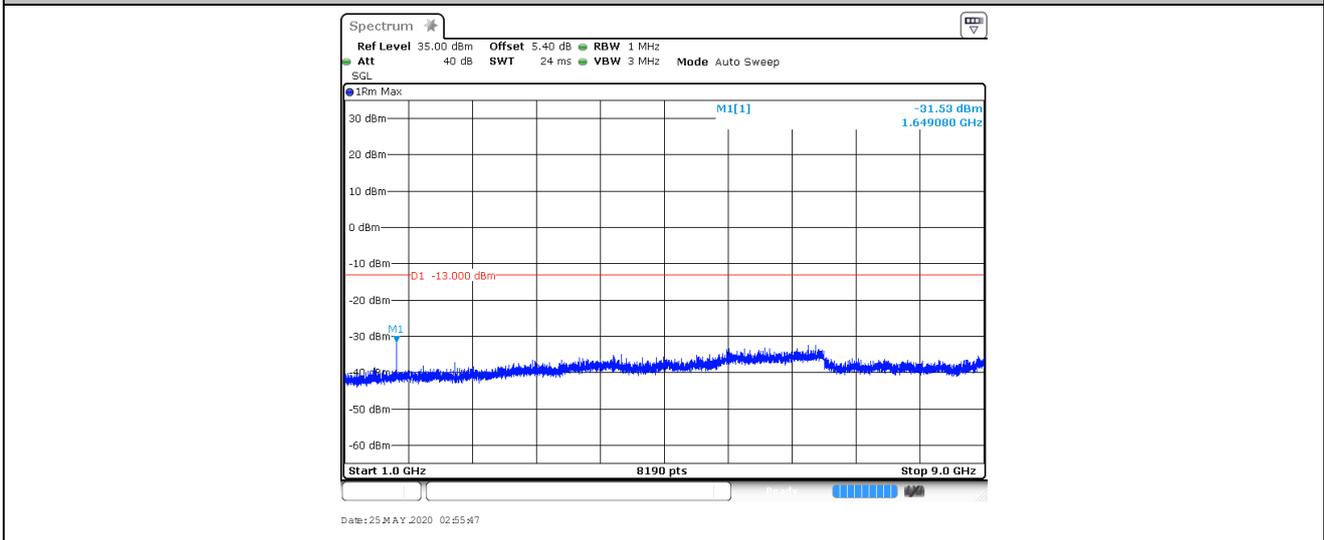
### 6.1. Test Plots



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GSM850\_128

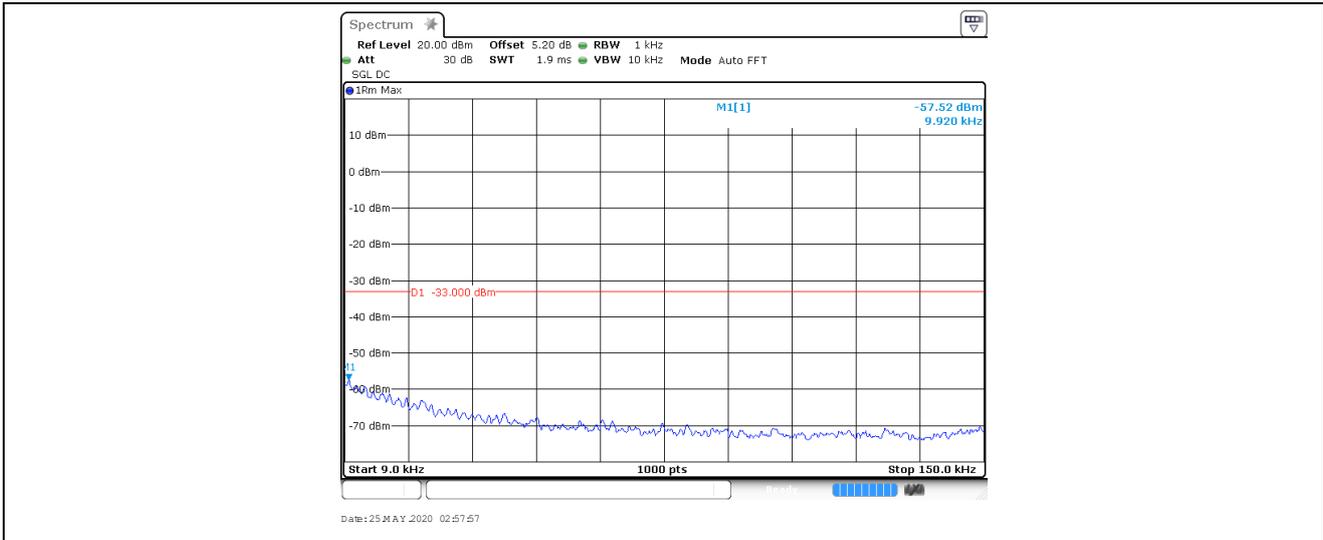


GSM850\_190

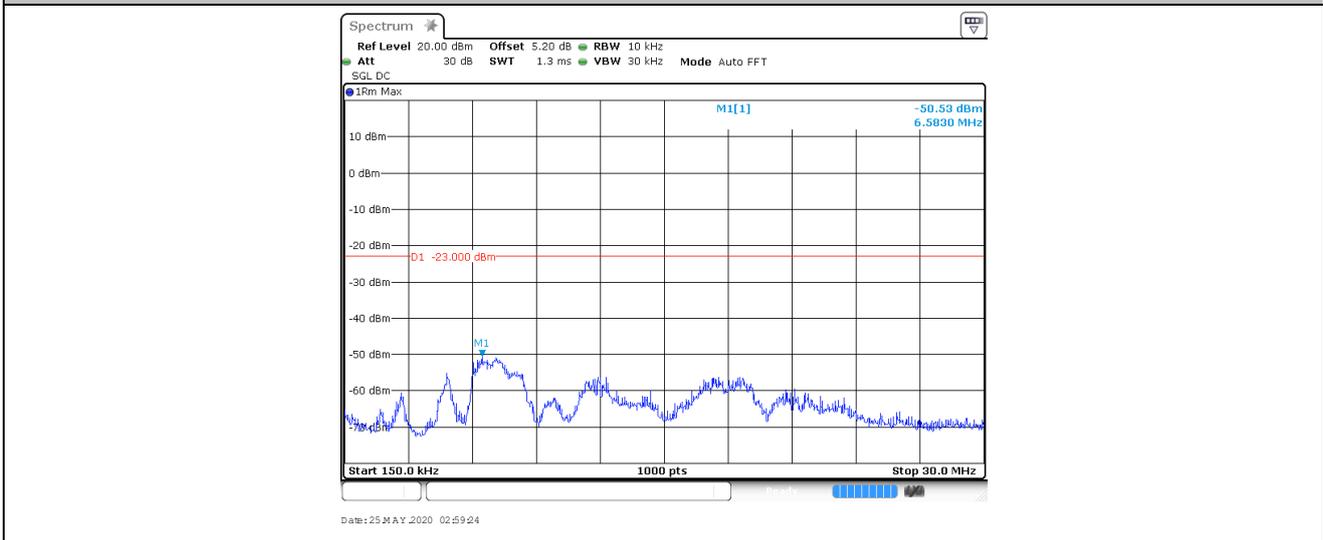


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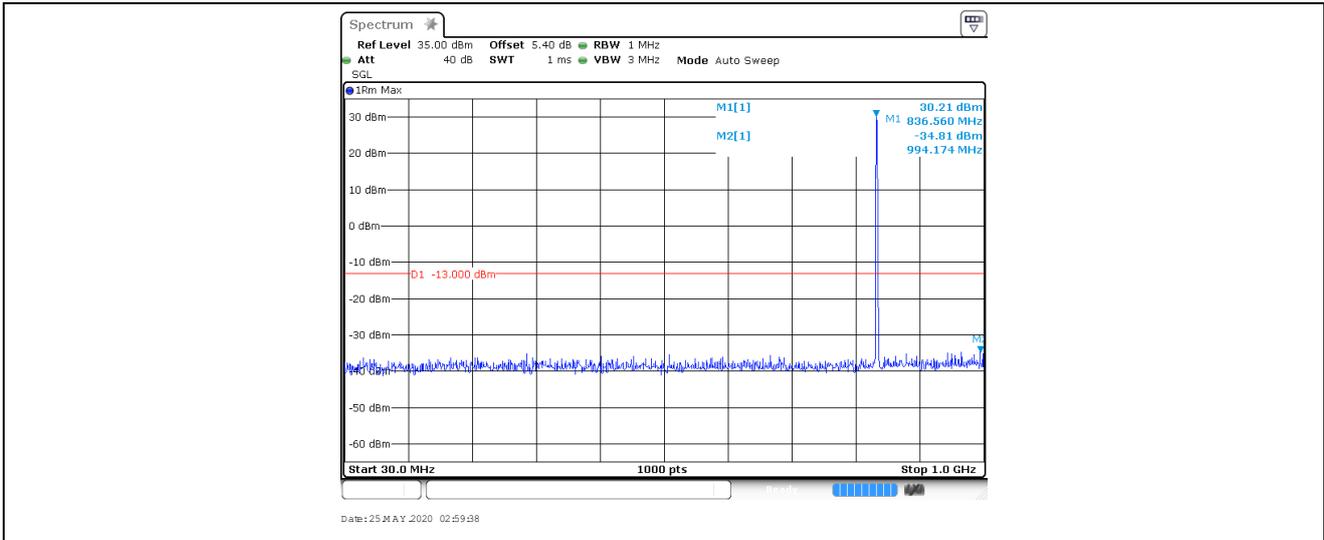
GSM850\_190



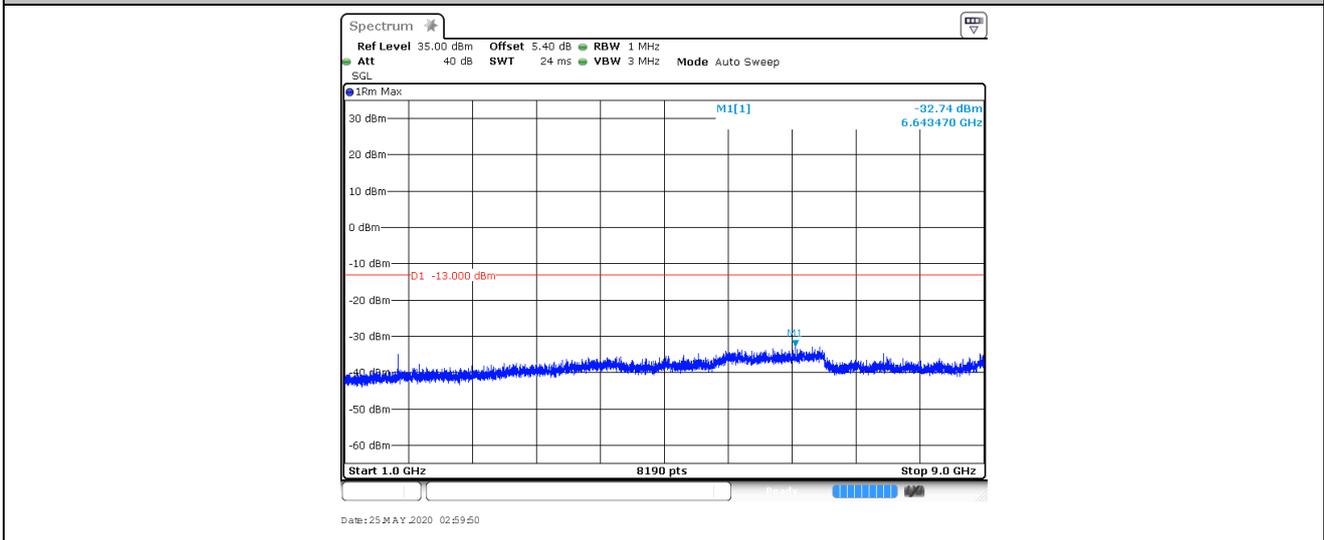
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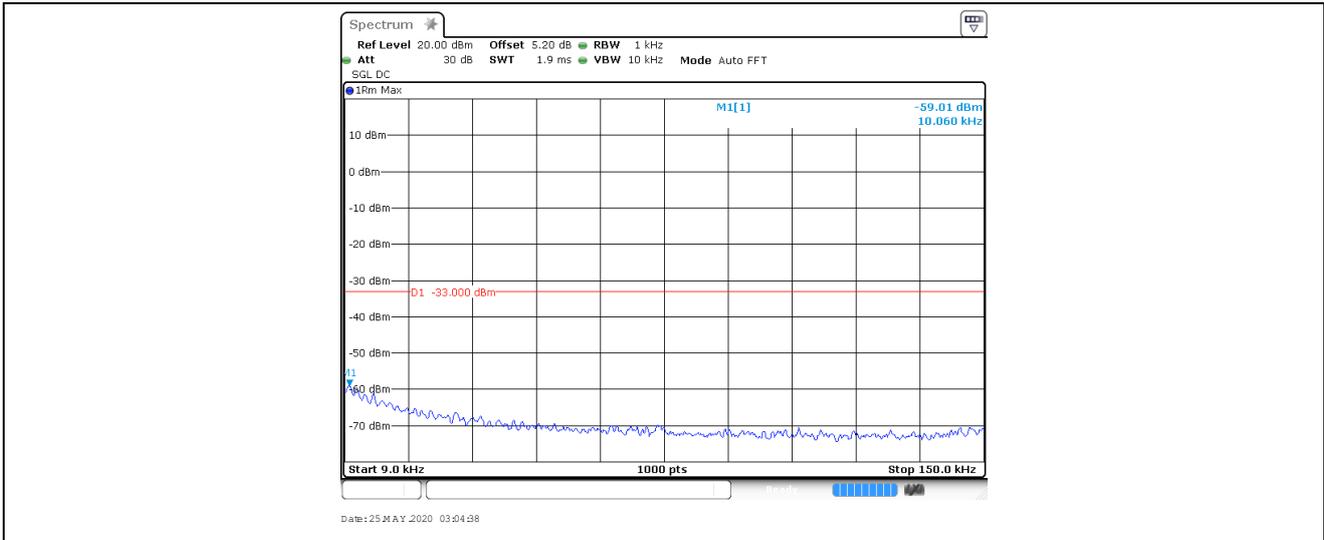
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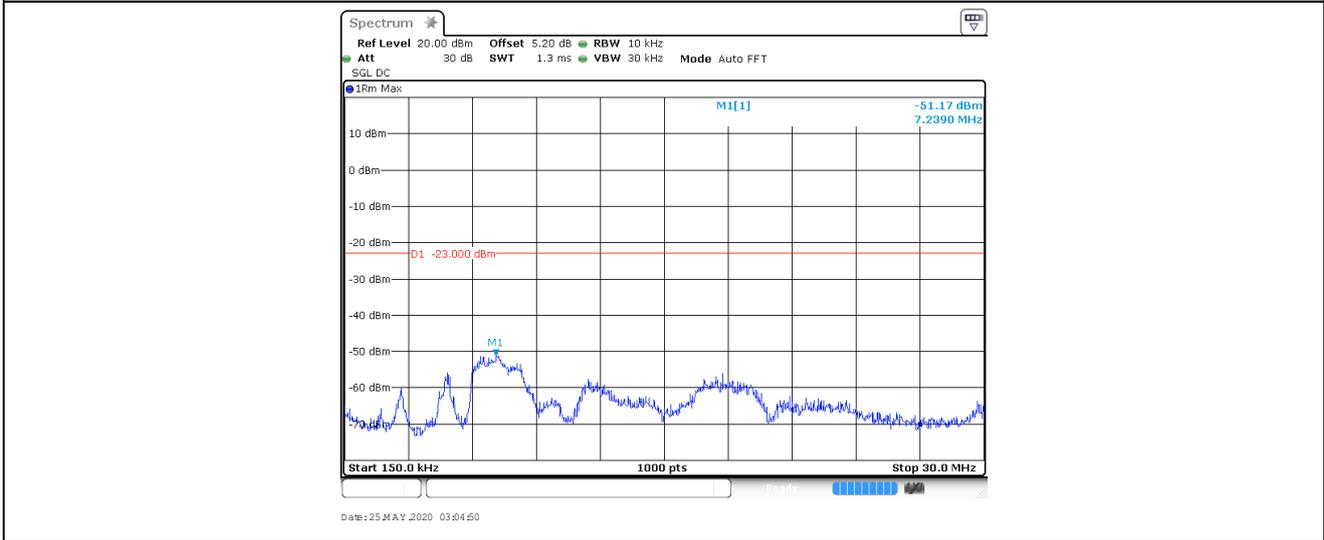
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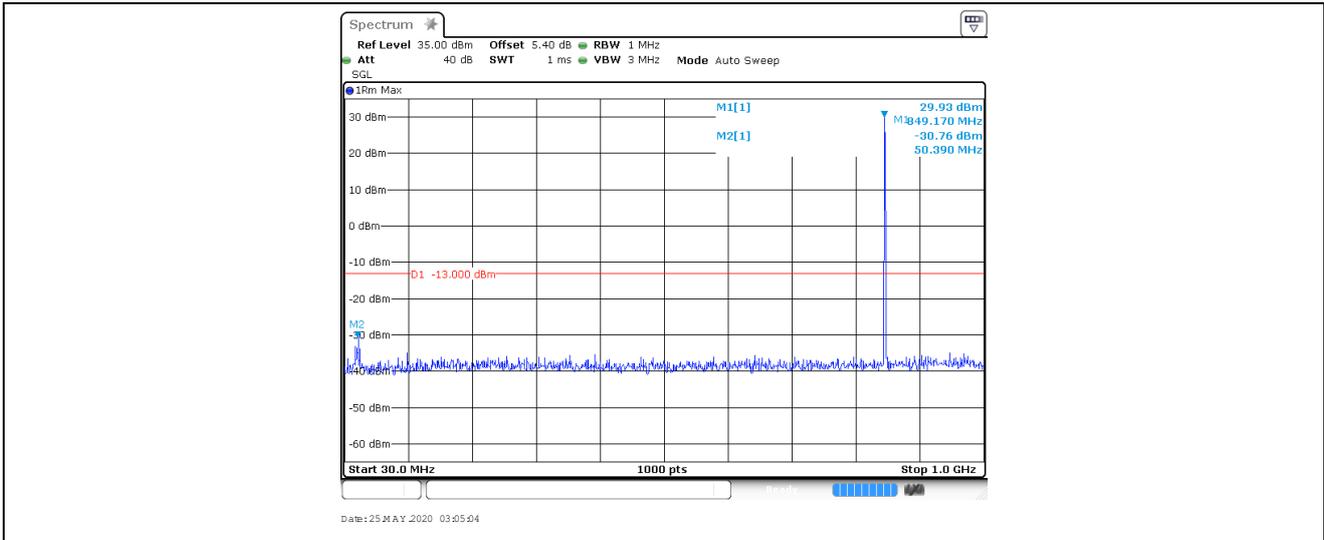
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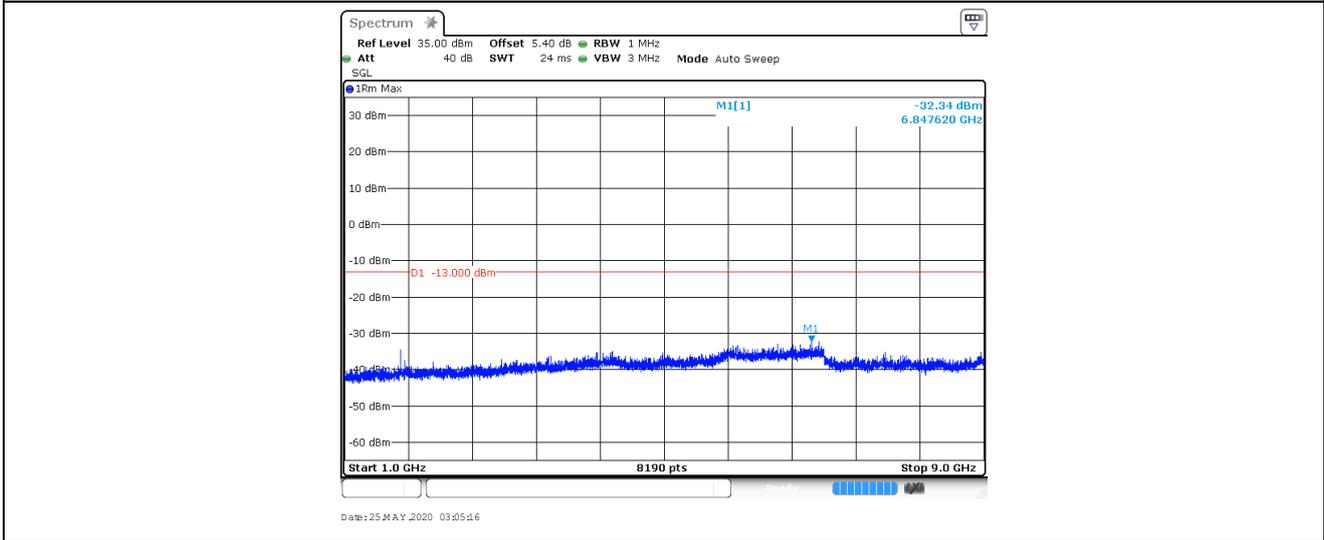
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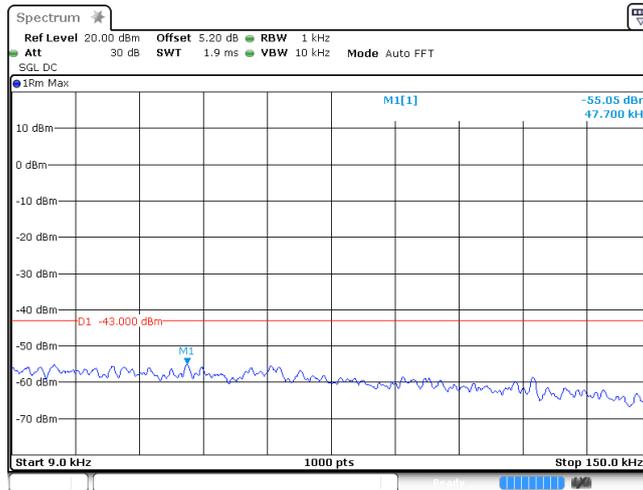


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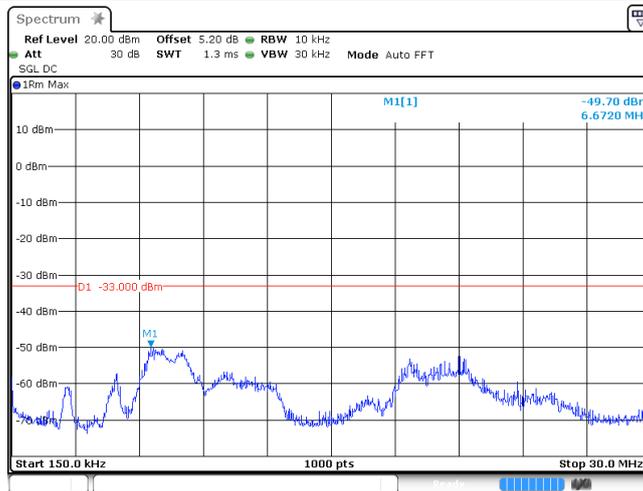
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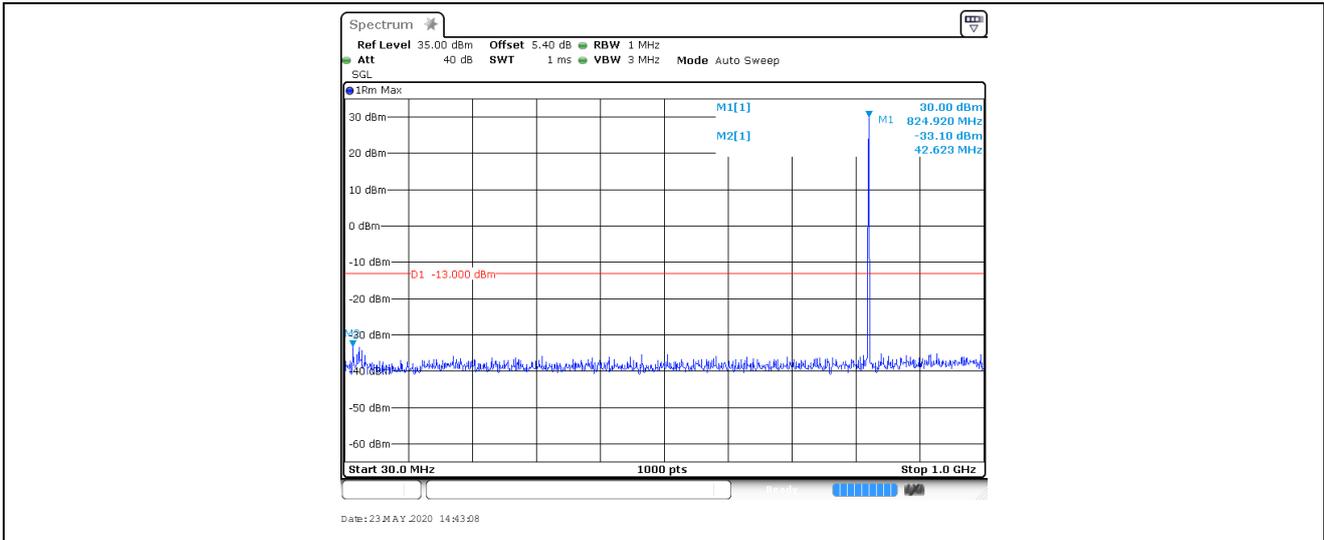
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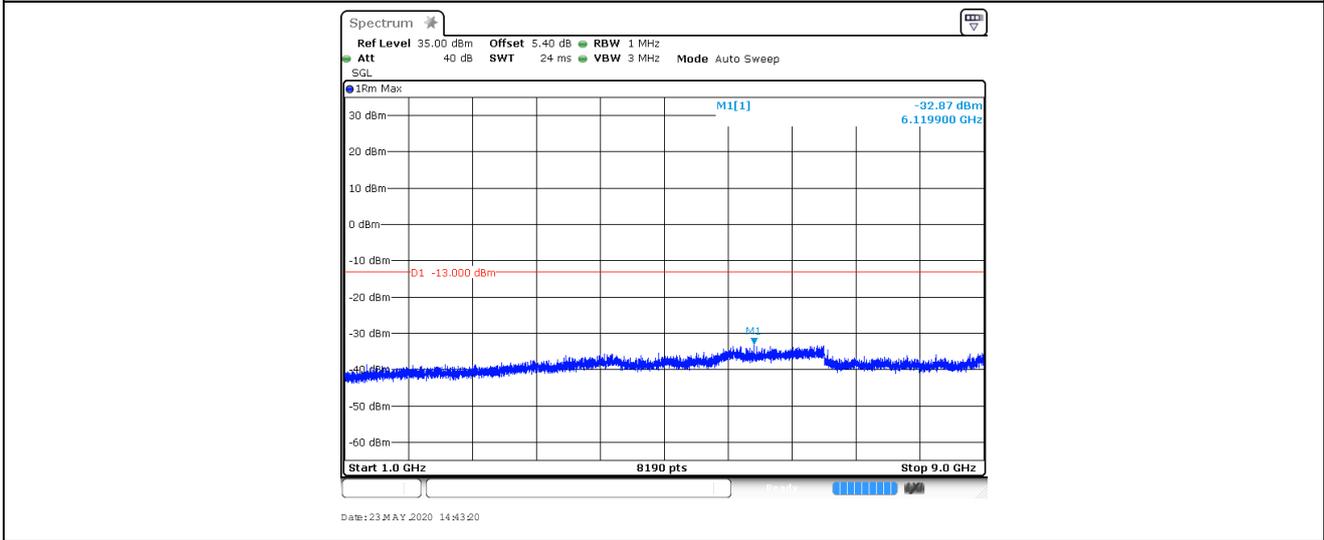


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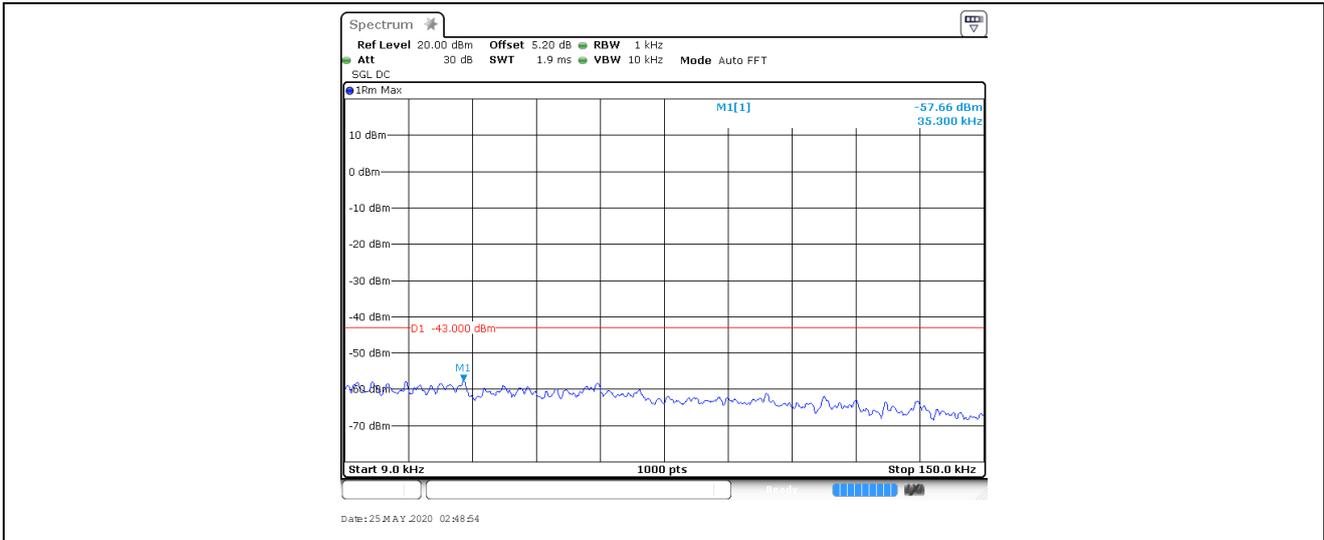


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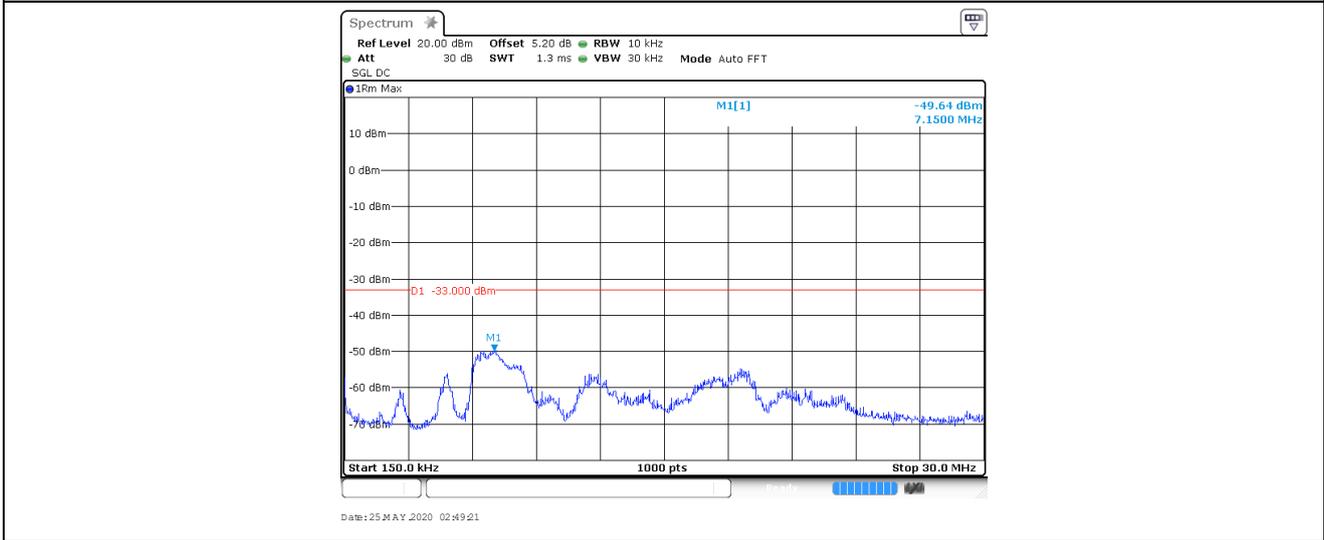


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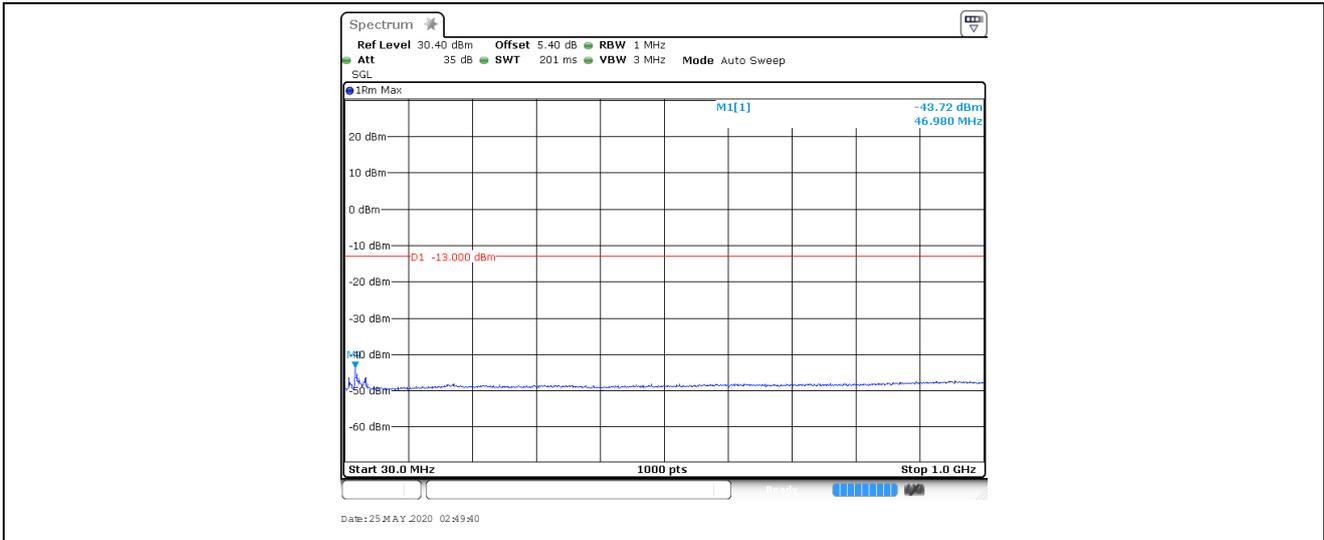
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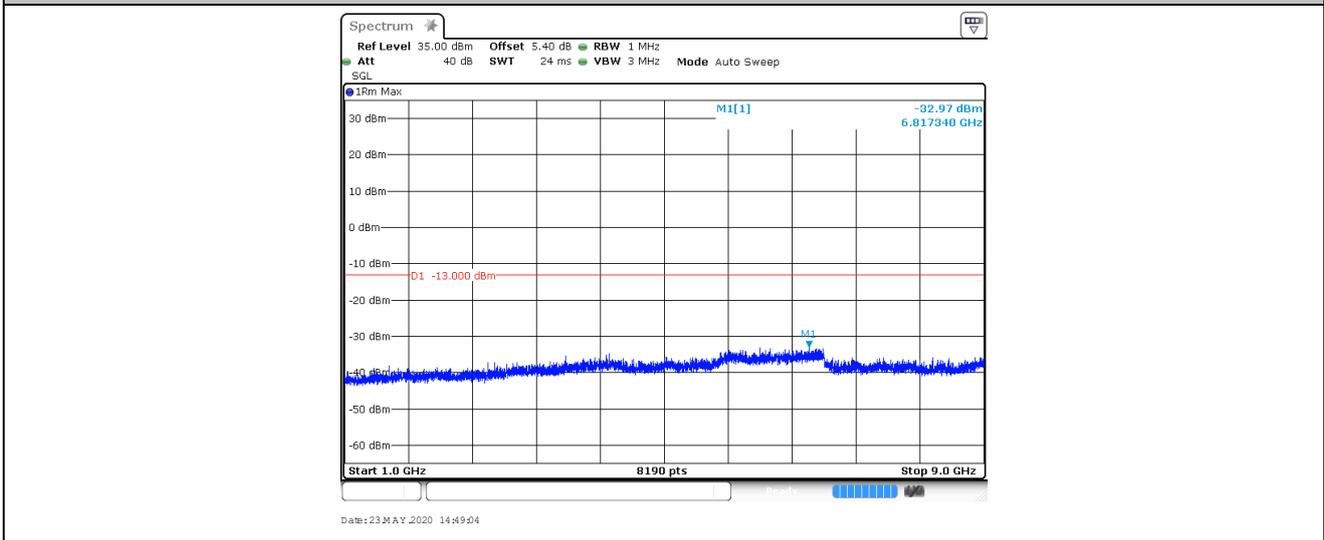
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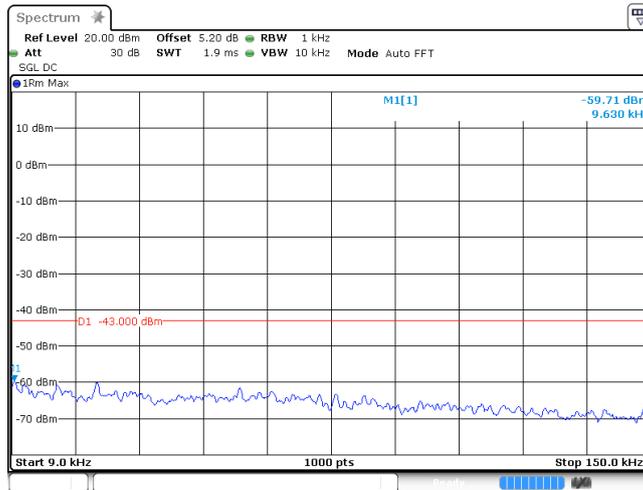
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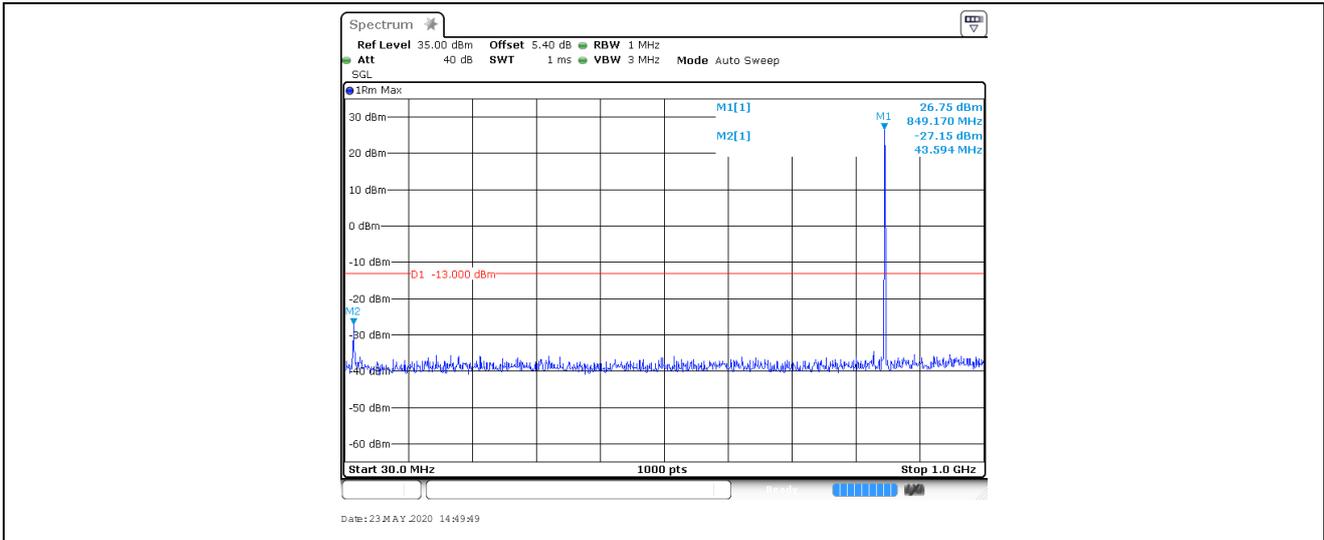


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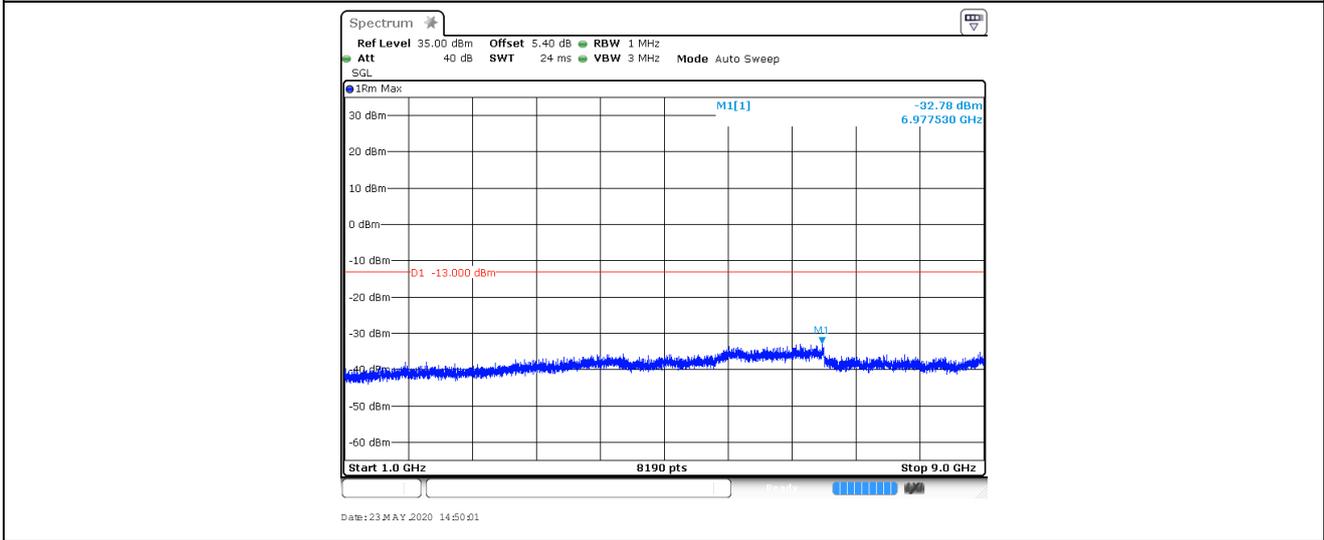
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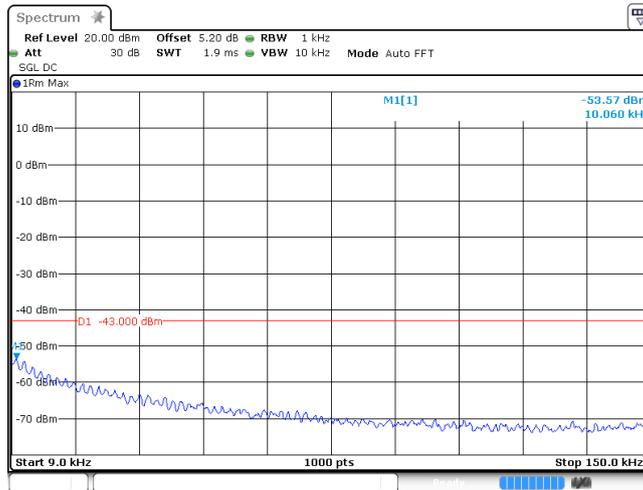
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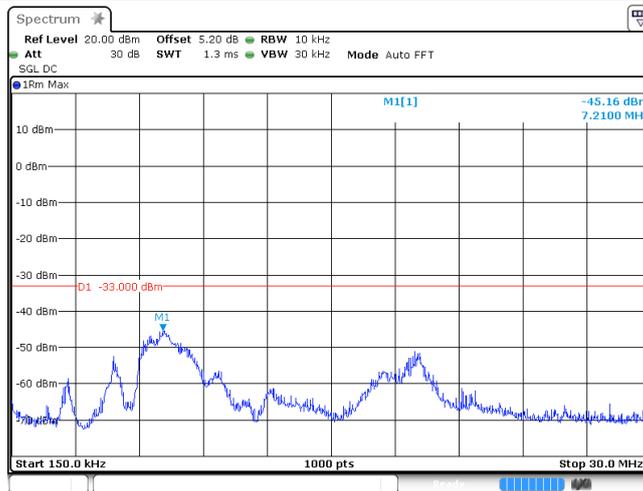


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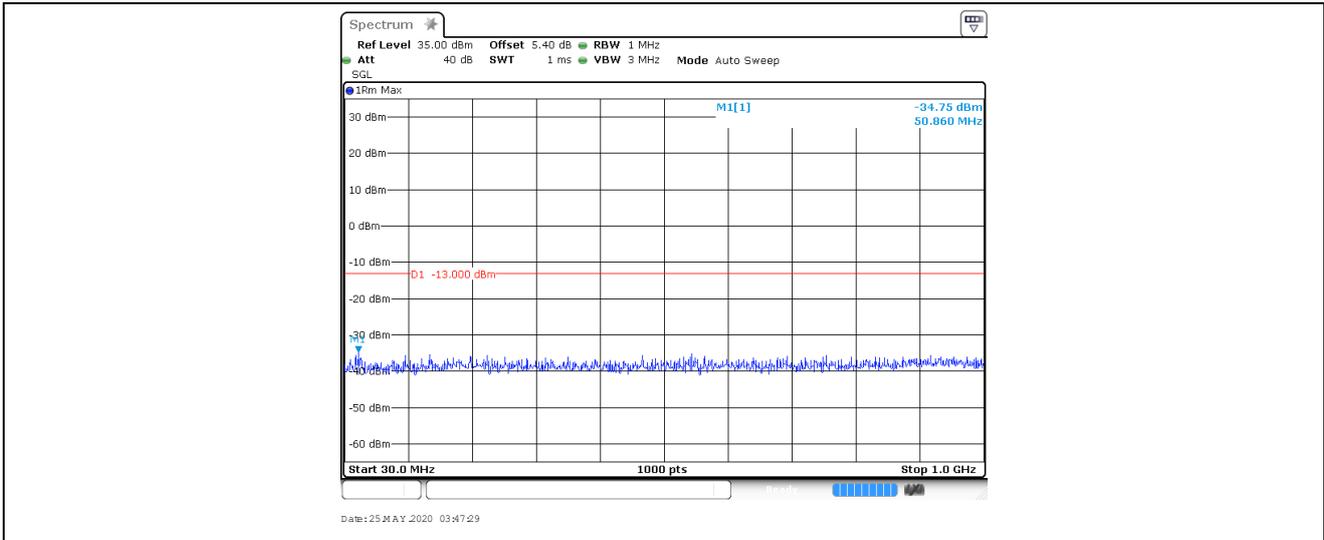


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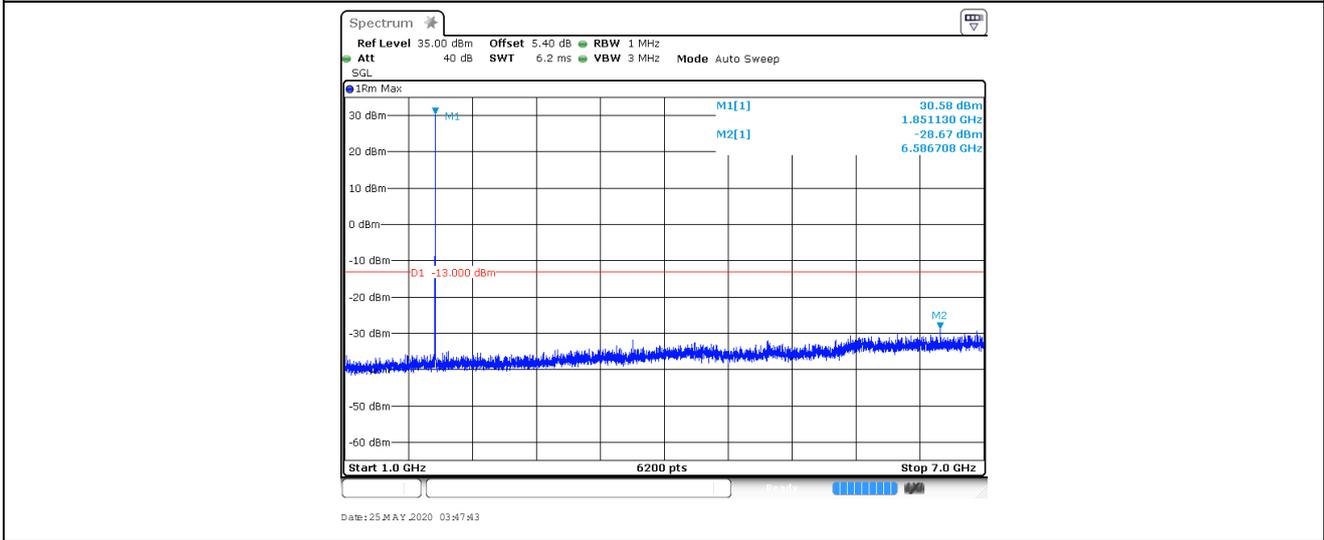
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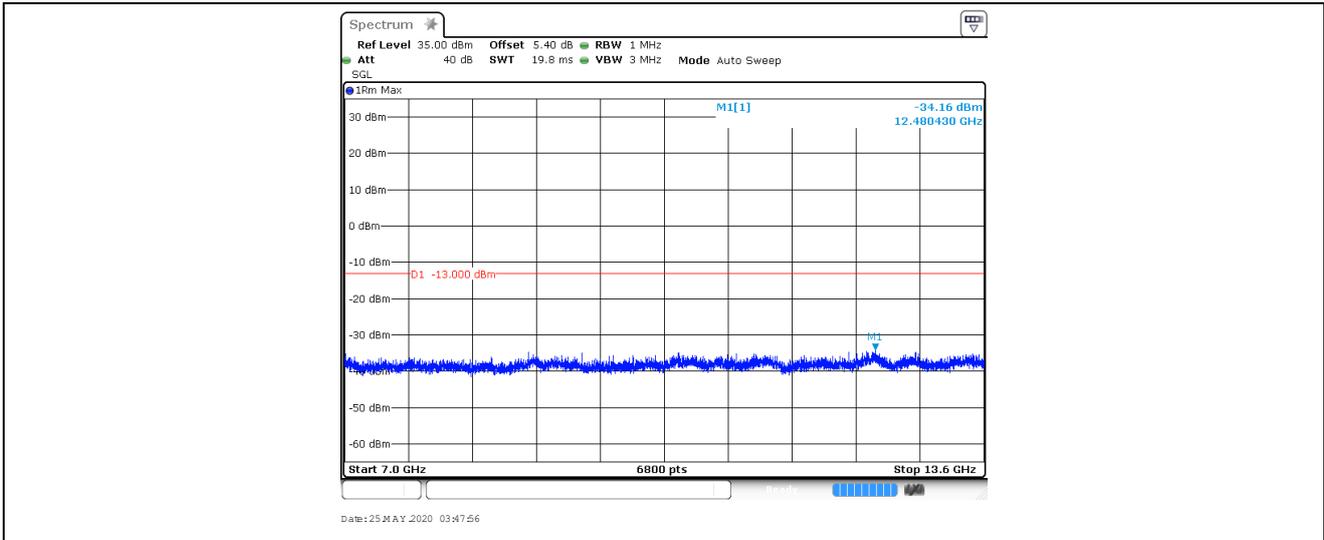


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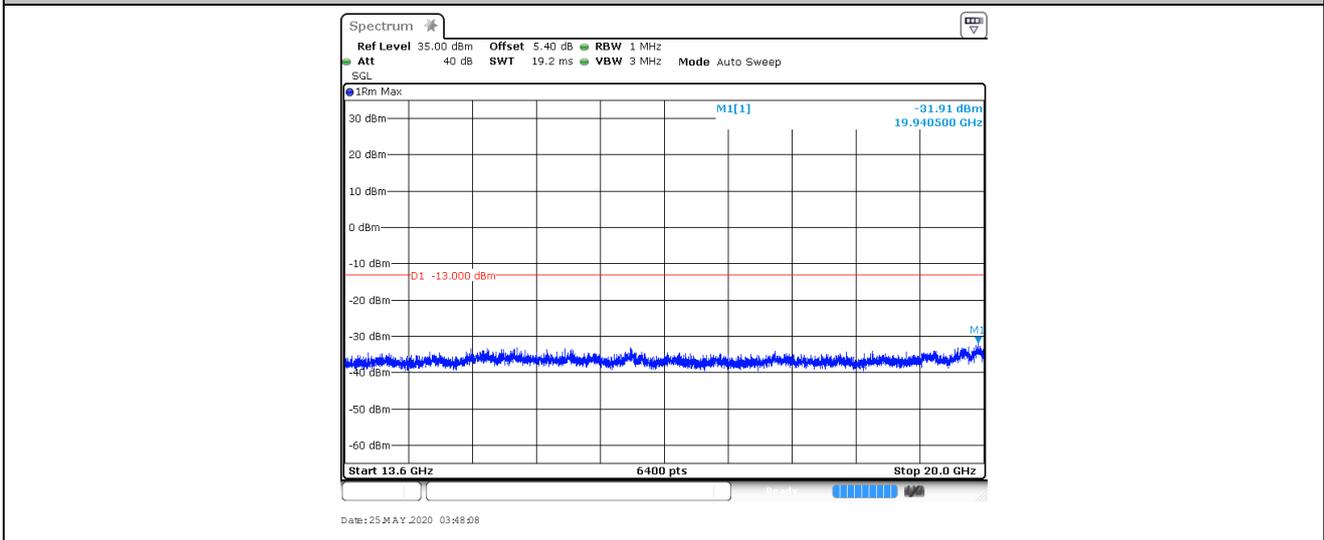


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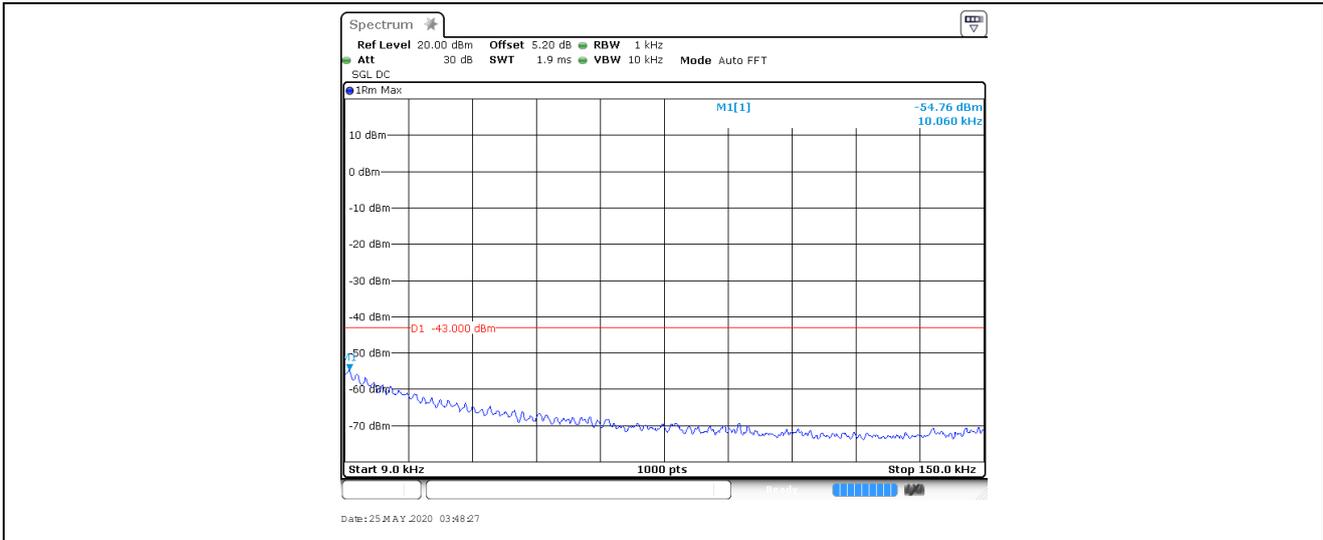


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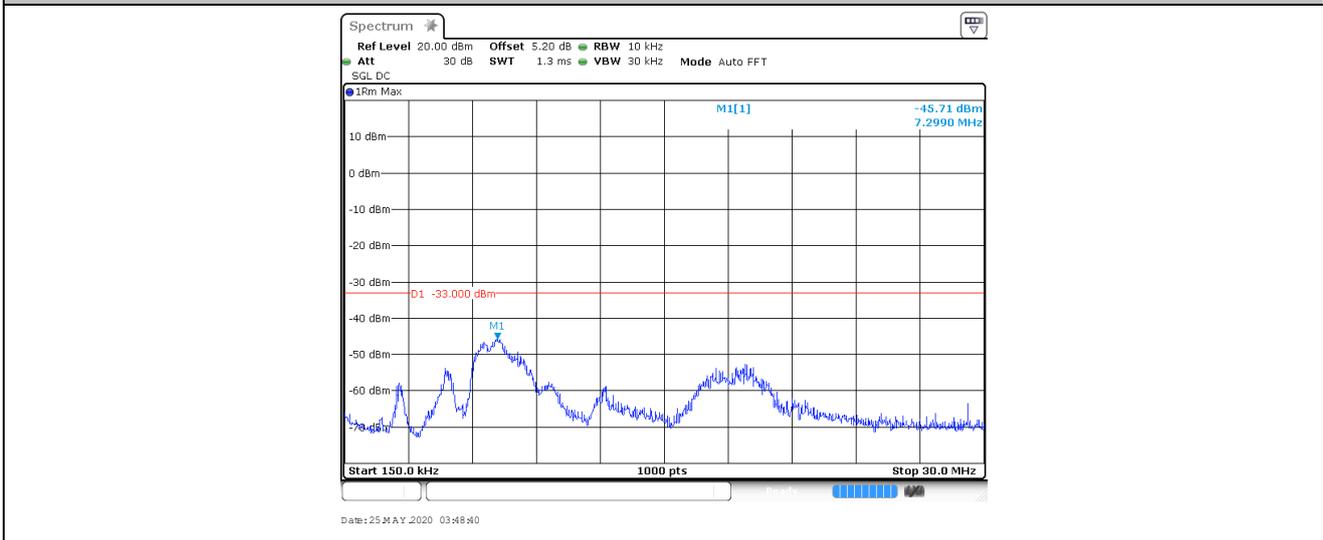


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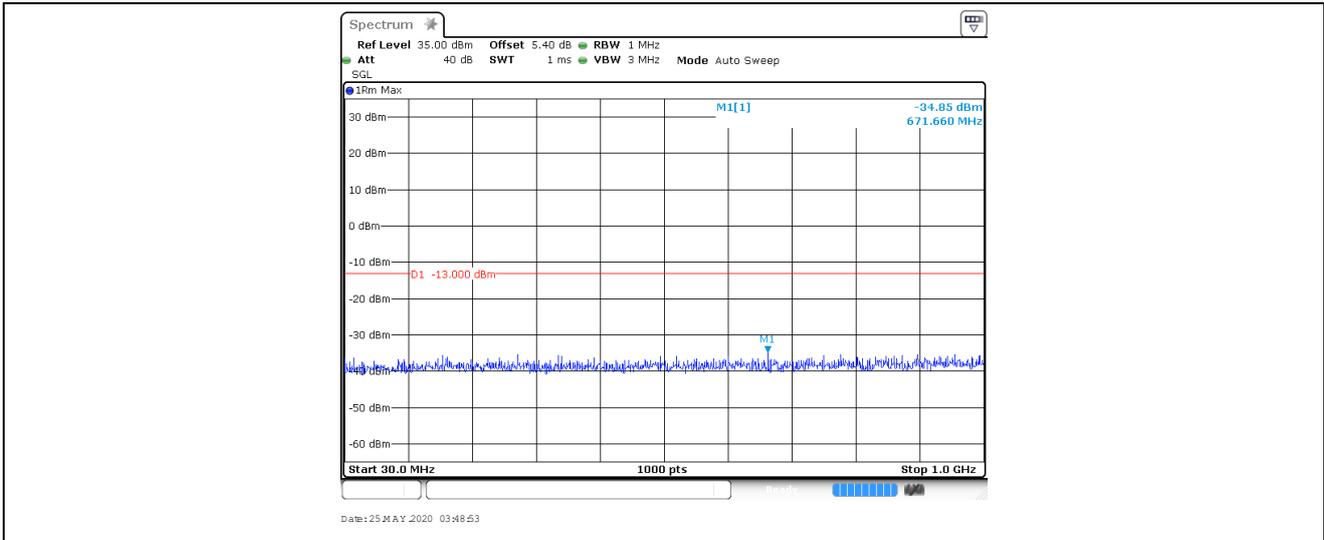
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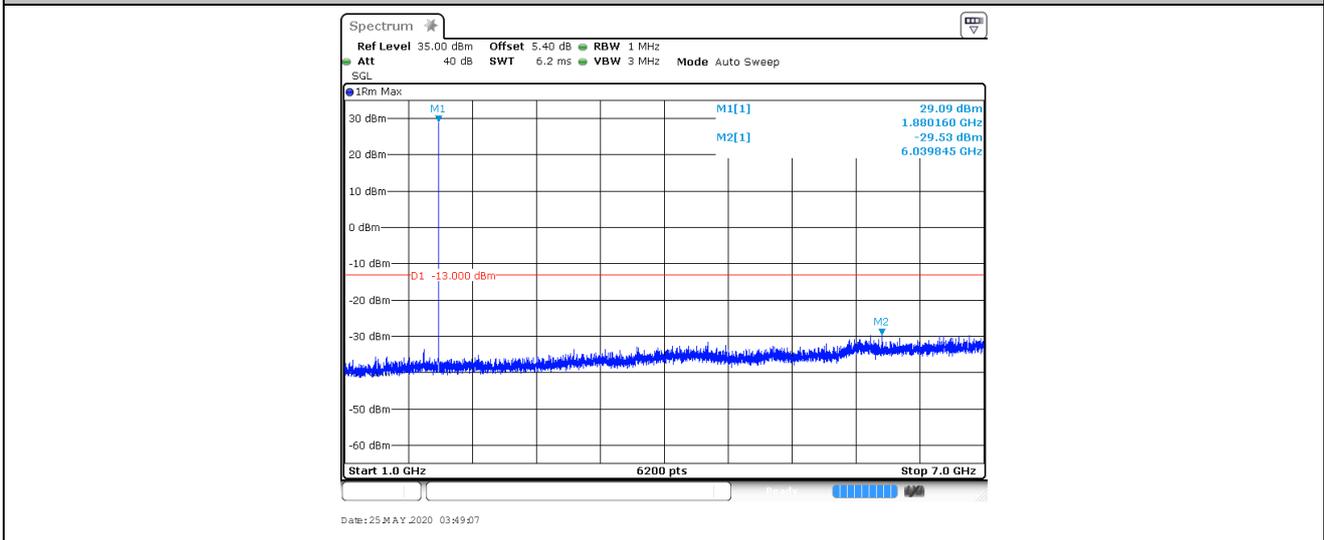
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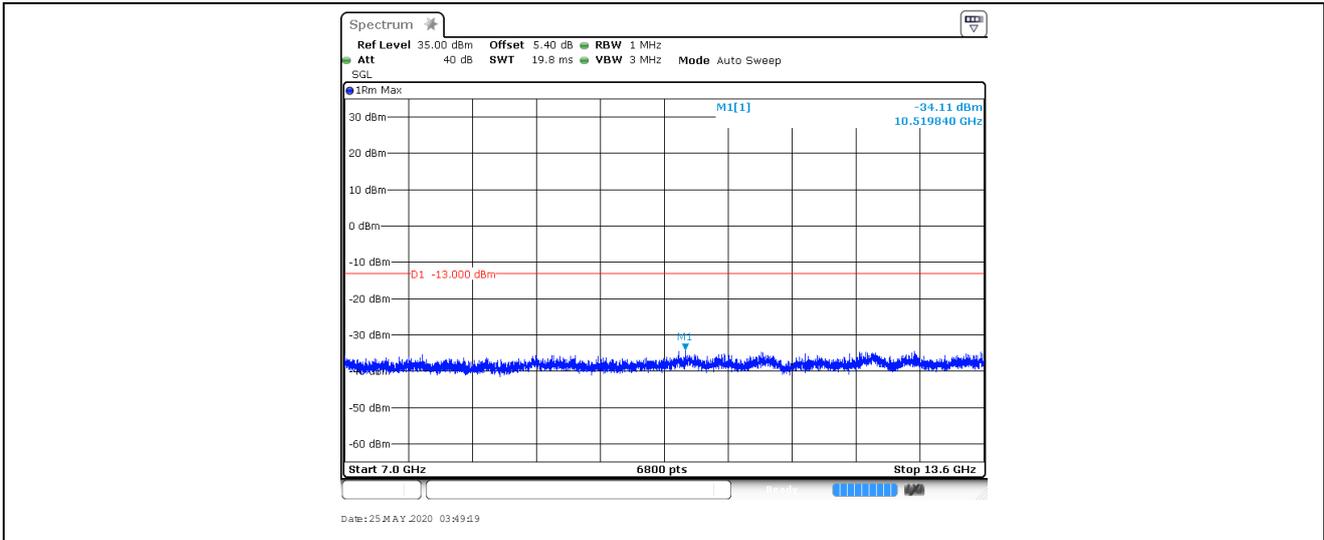


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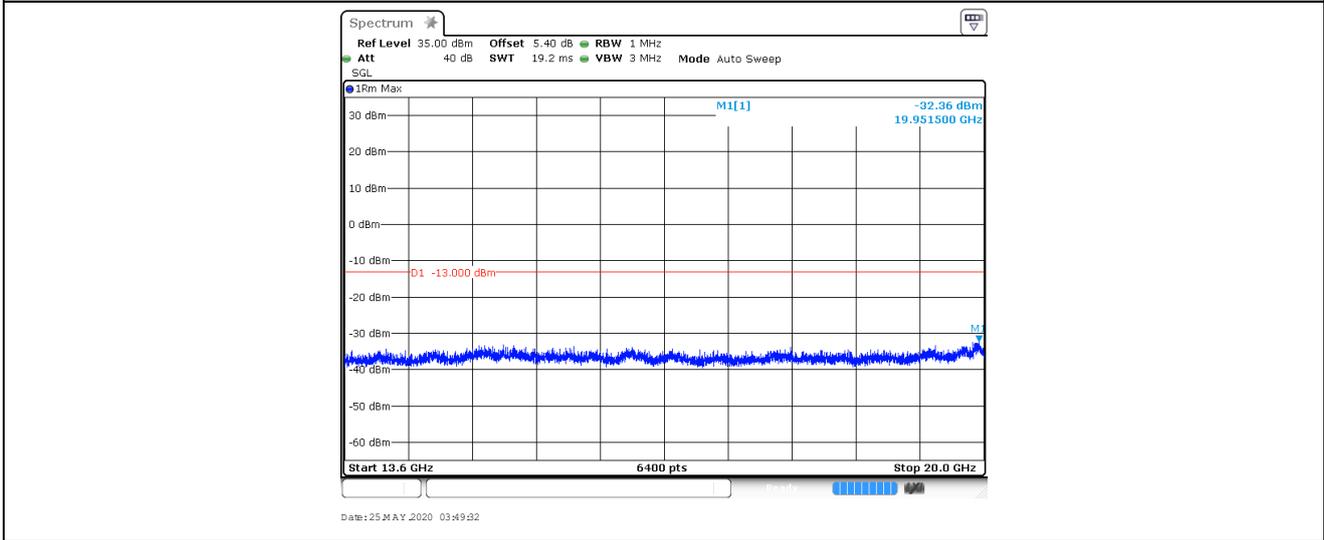


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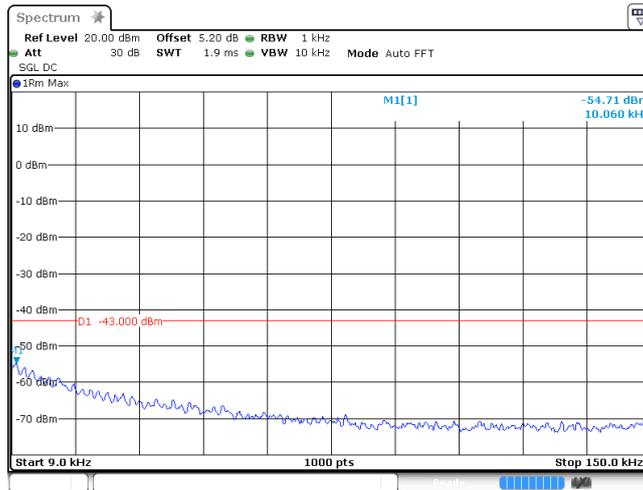
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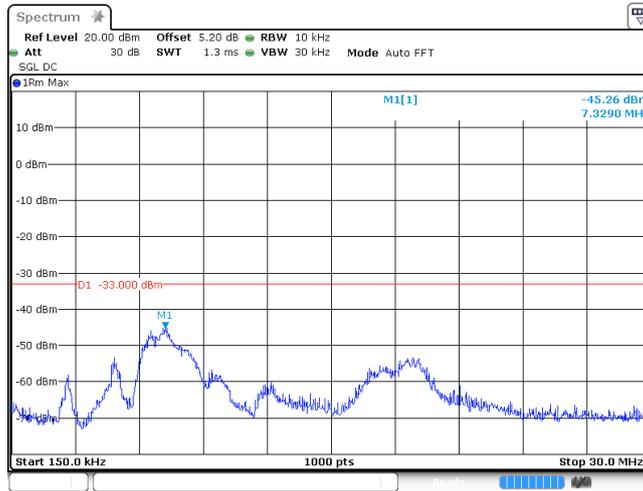


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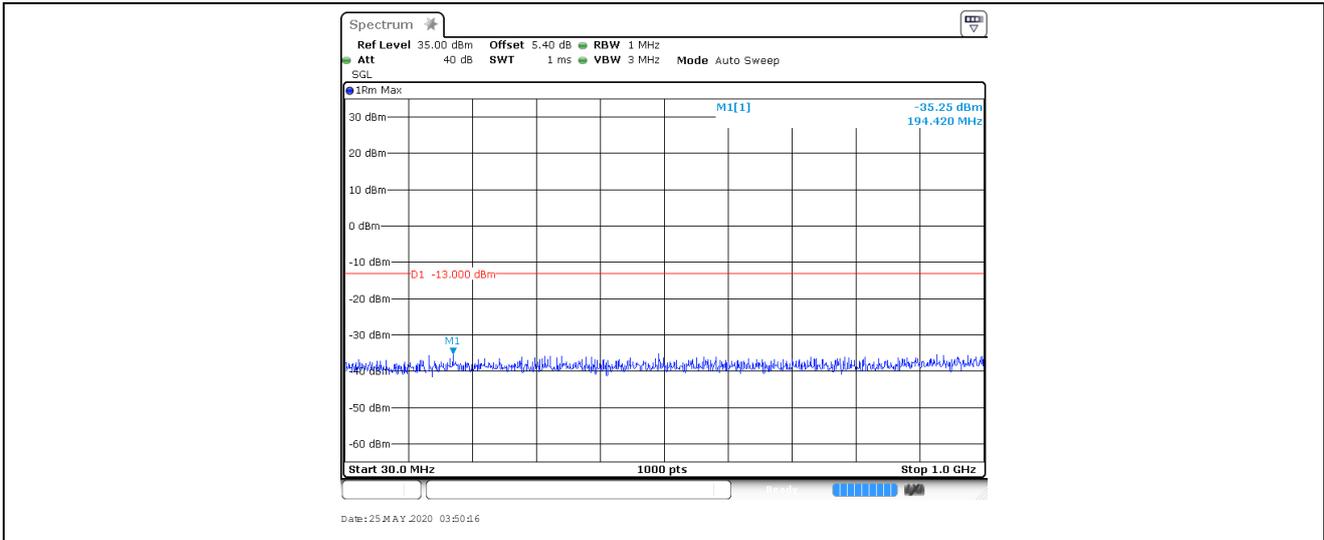


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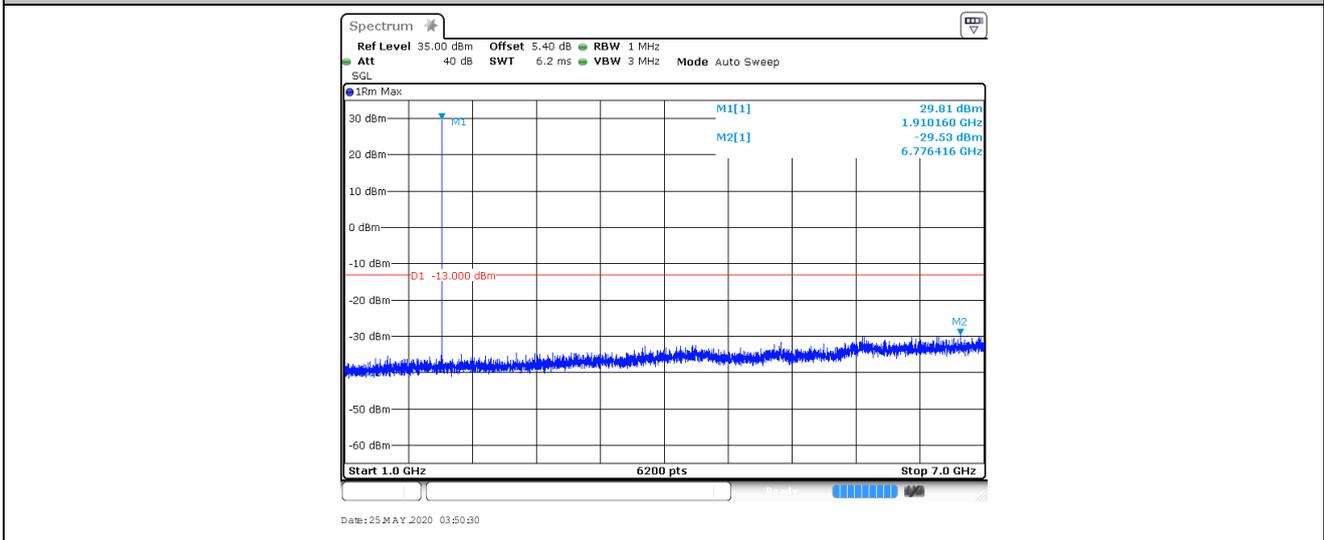
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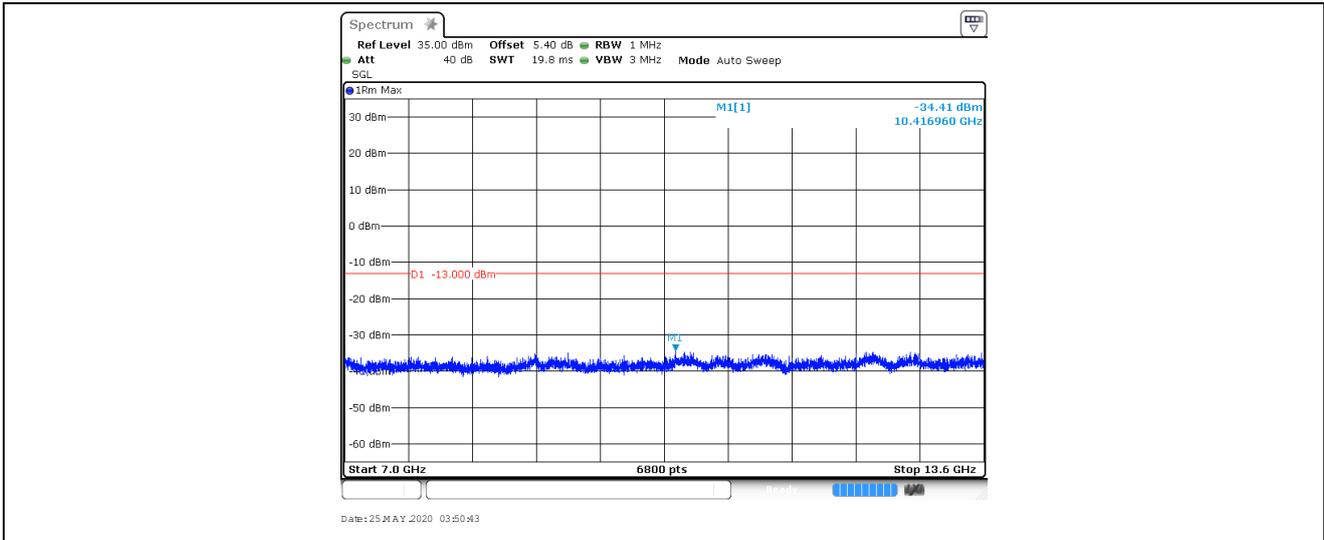


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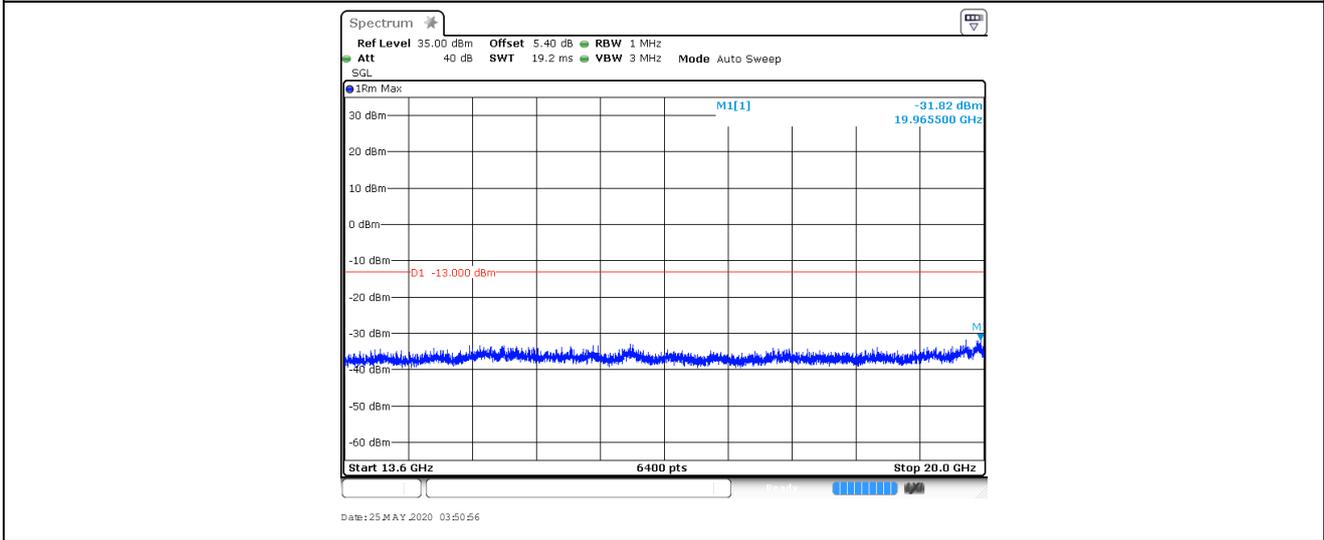


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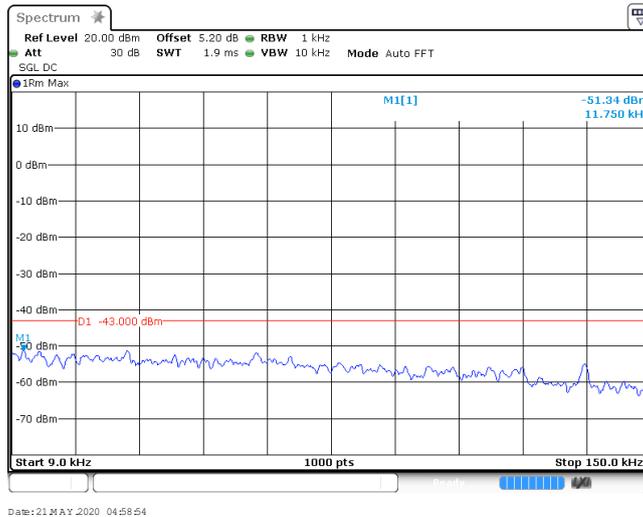
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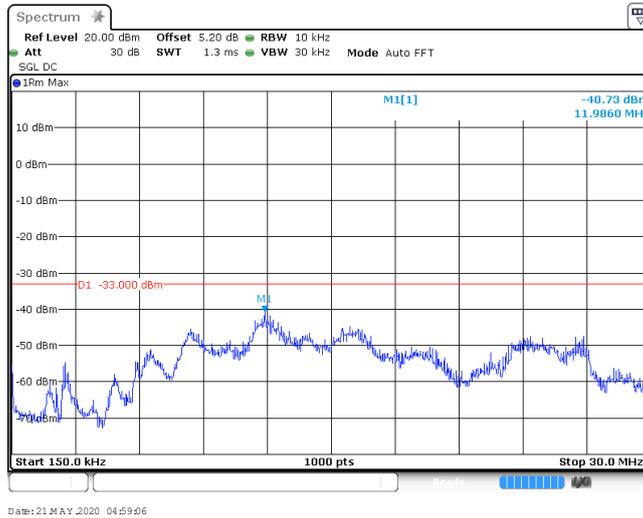
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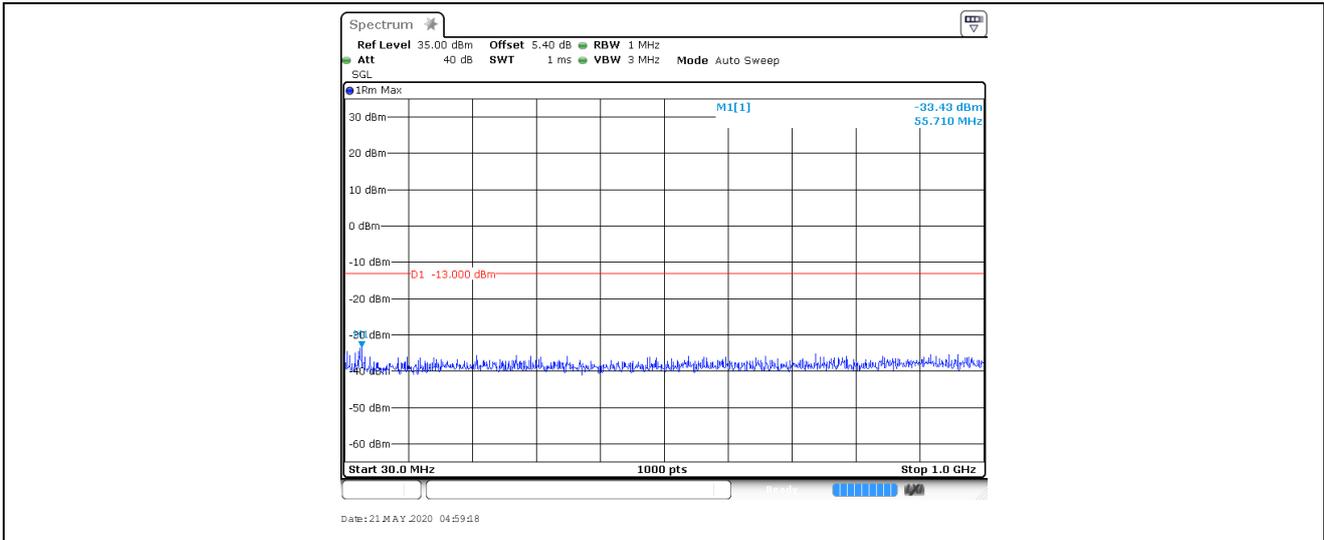
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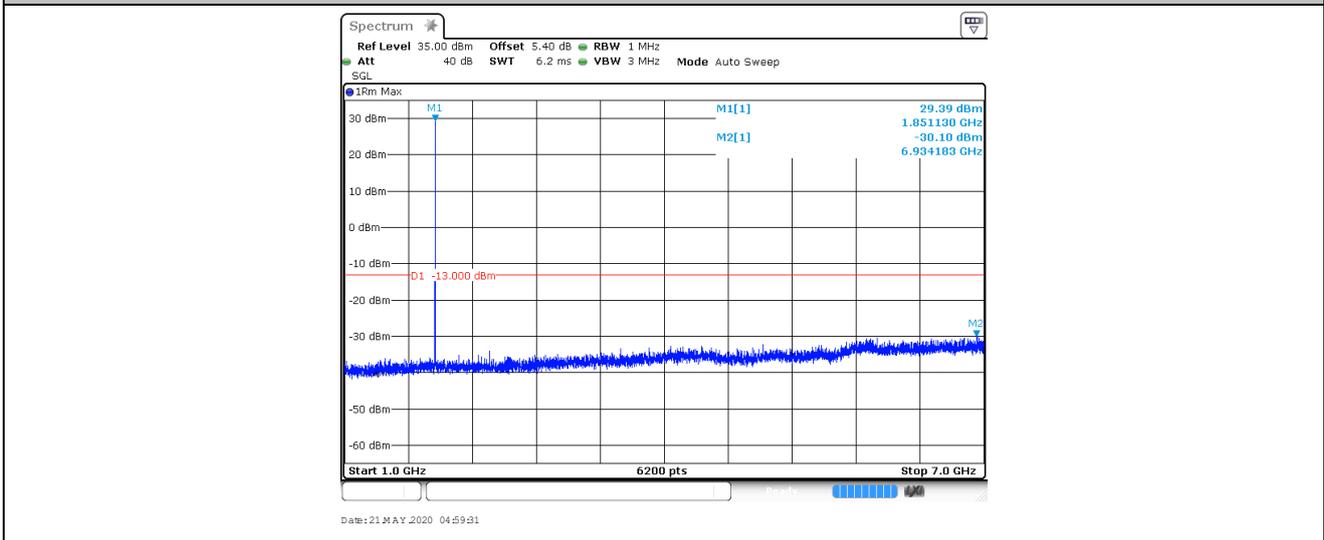
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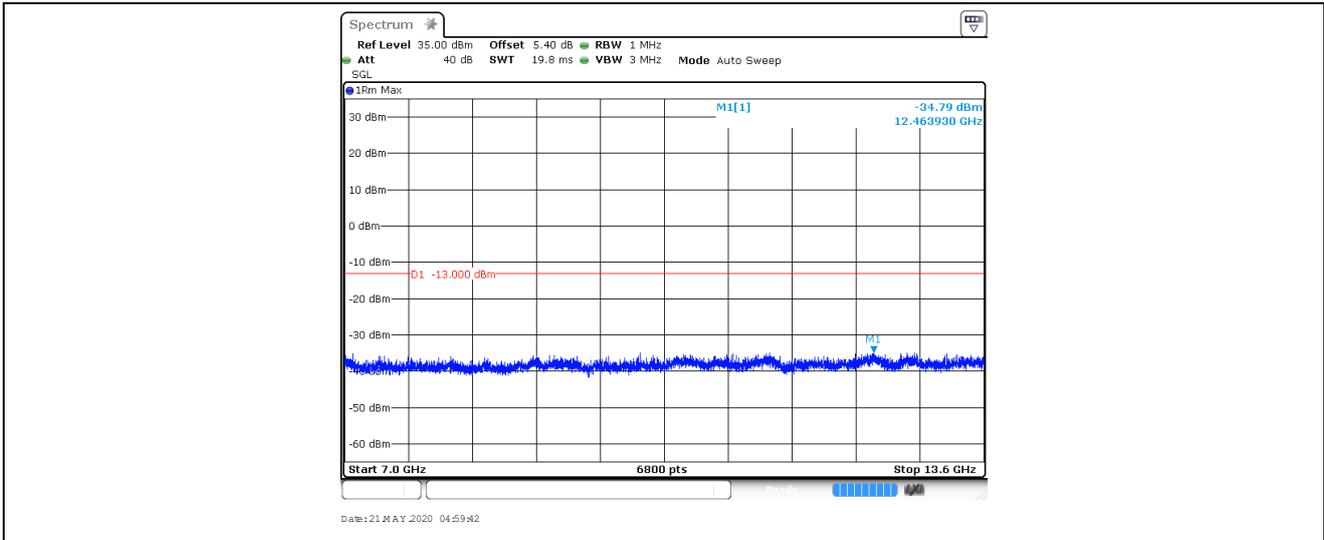


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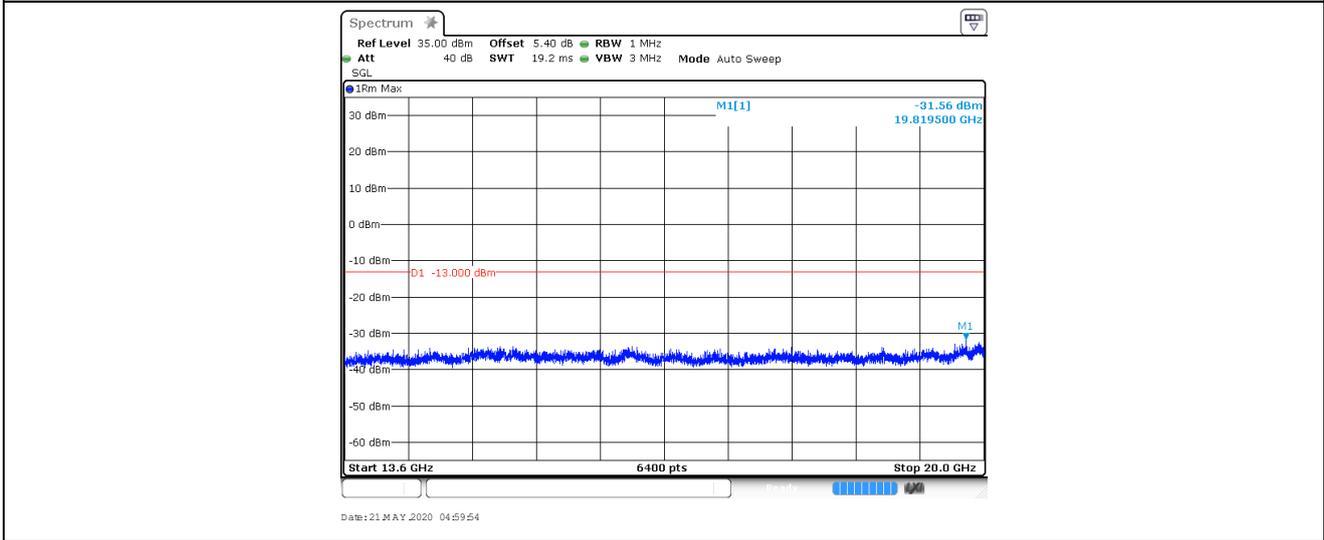


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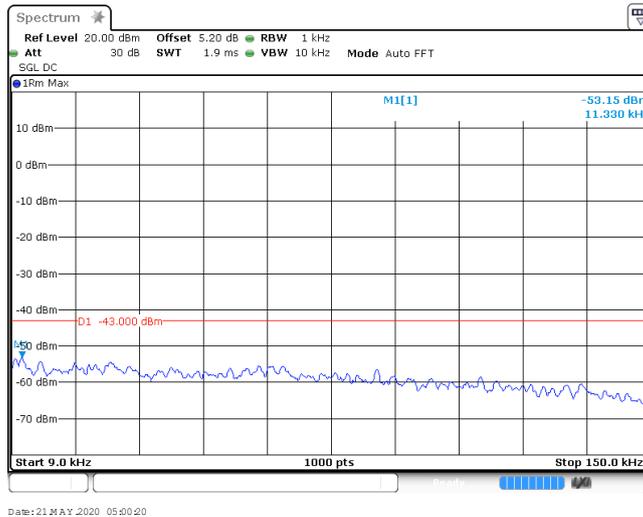
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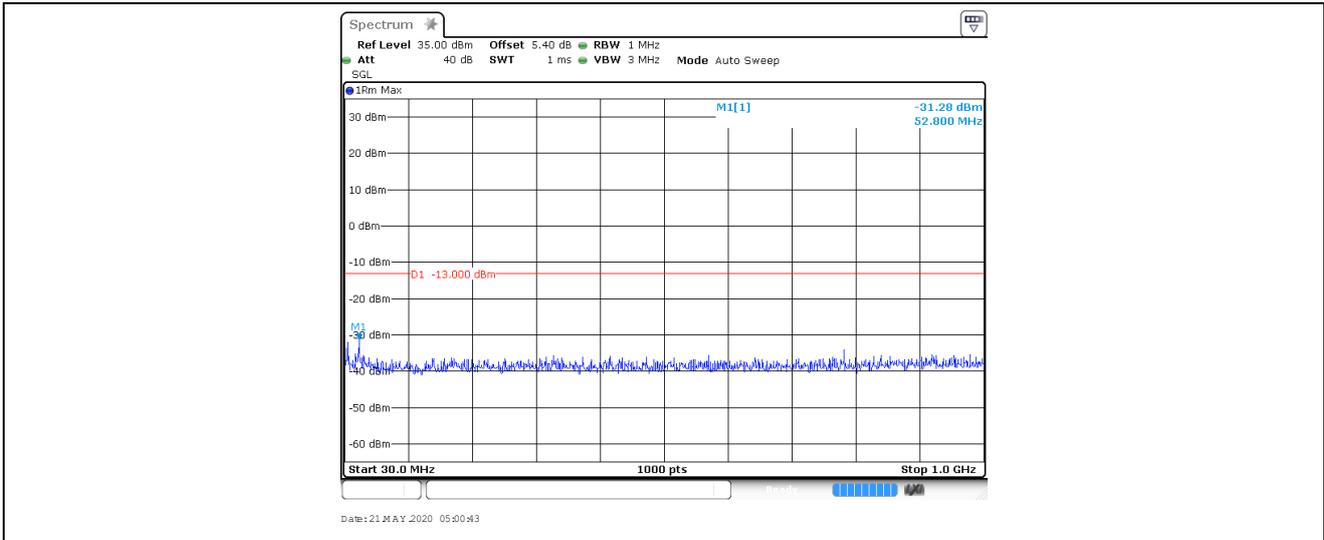


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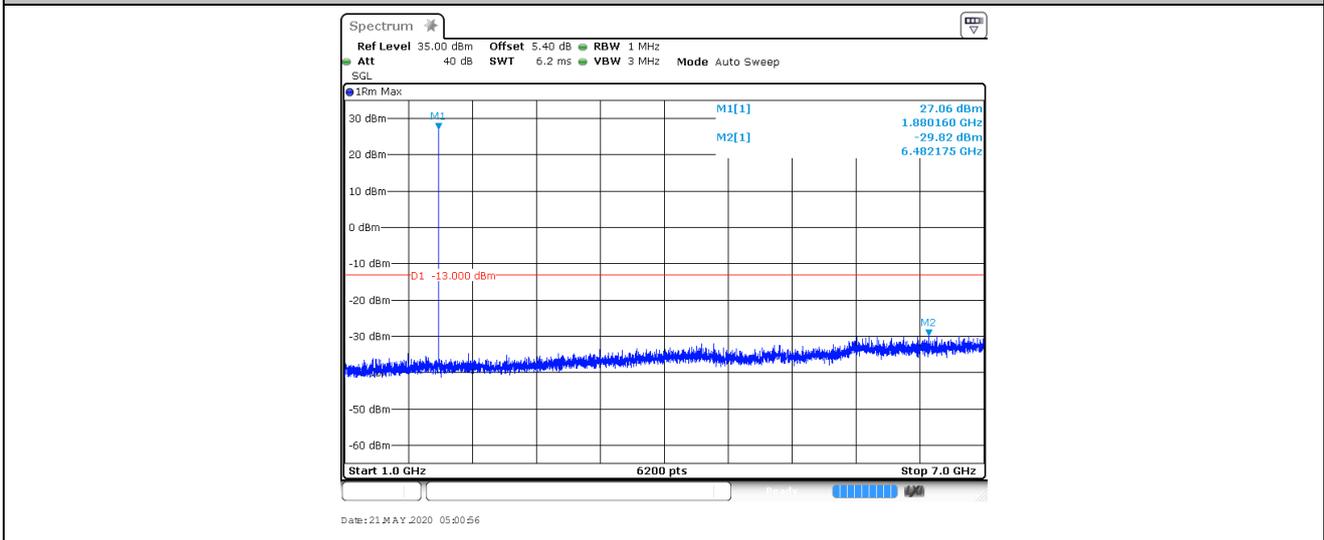


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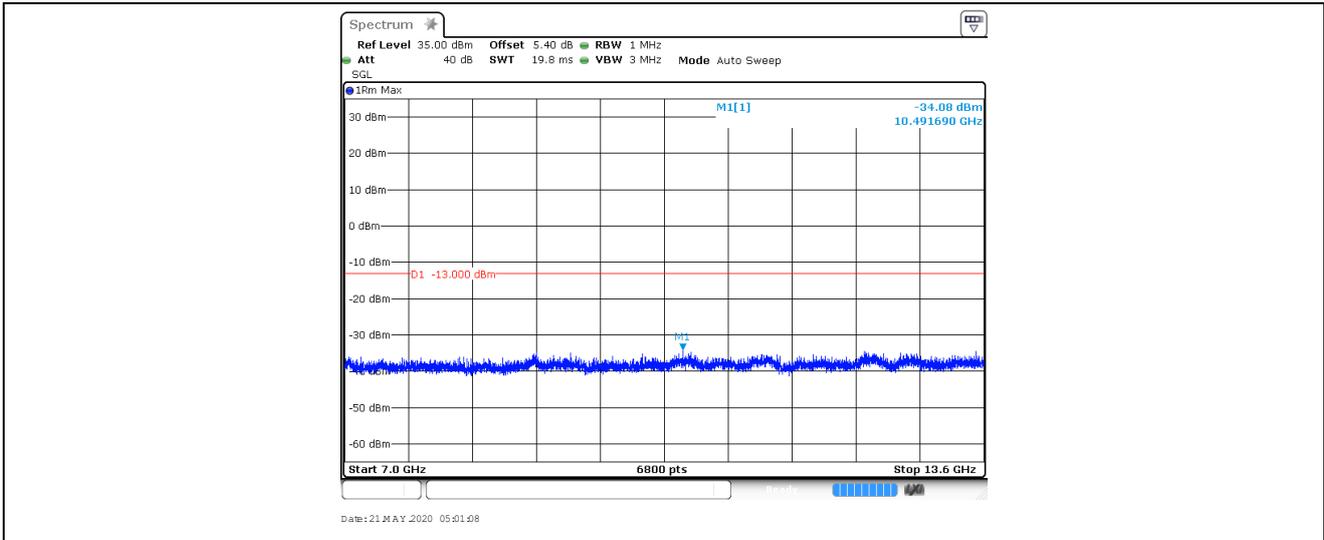


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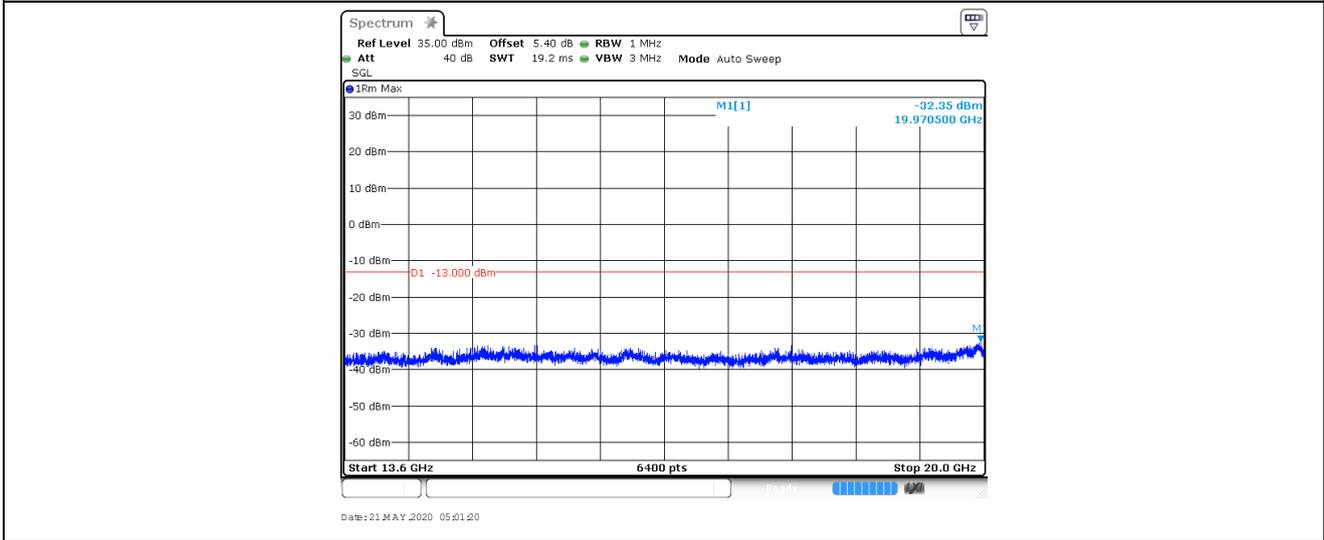


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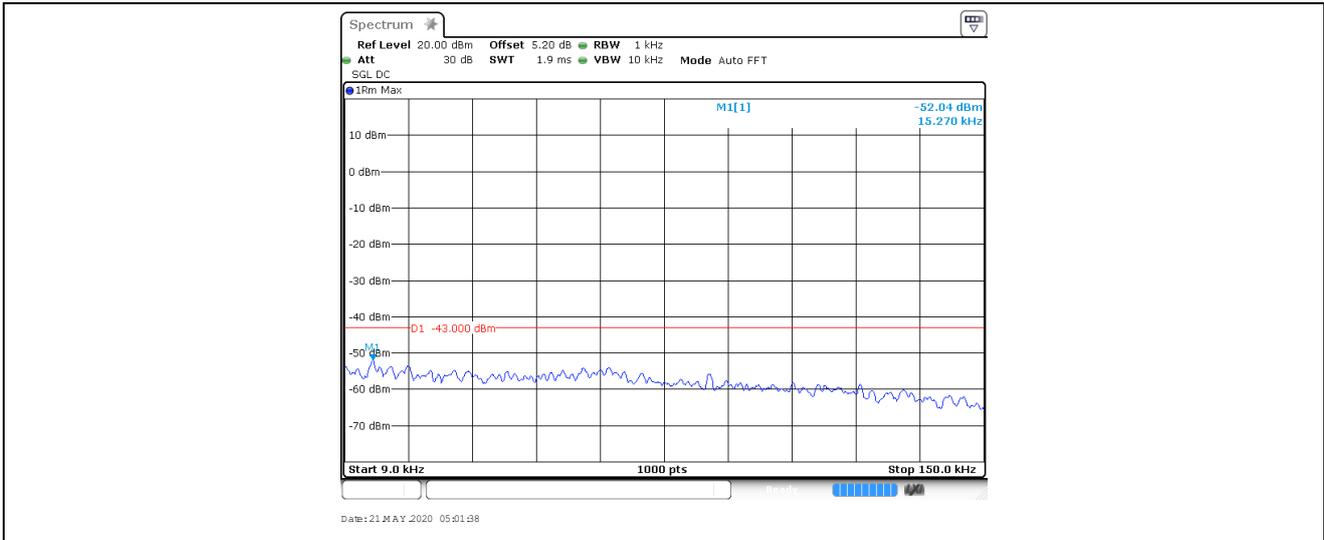
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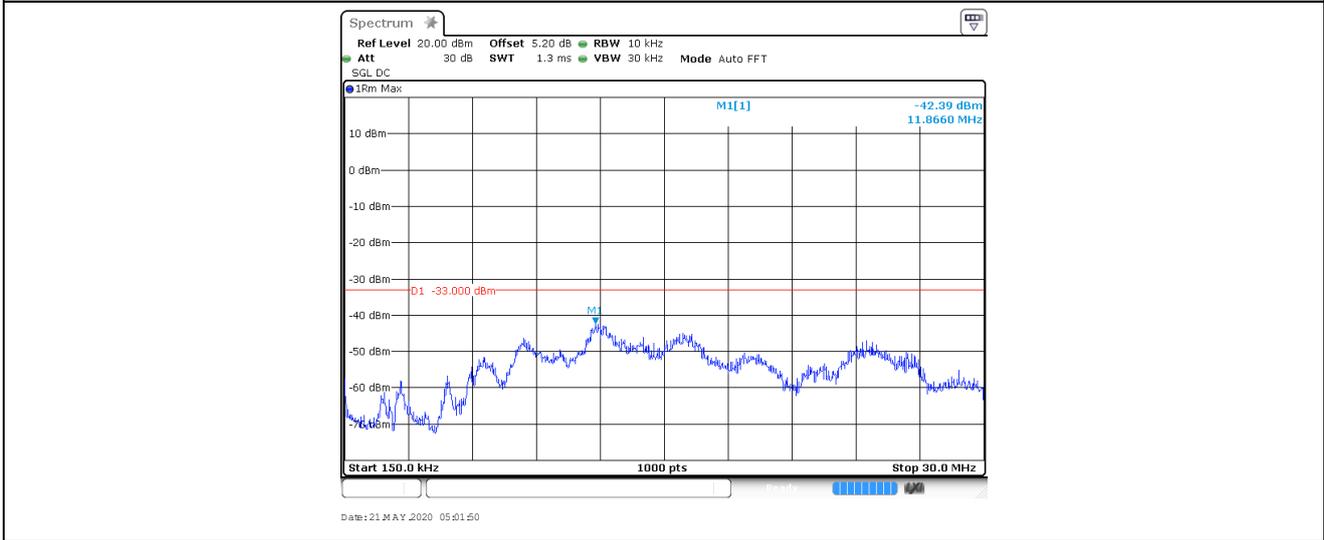
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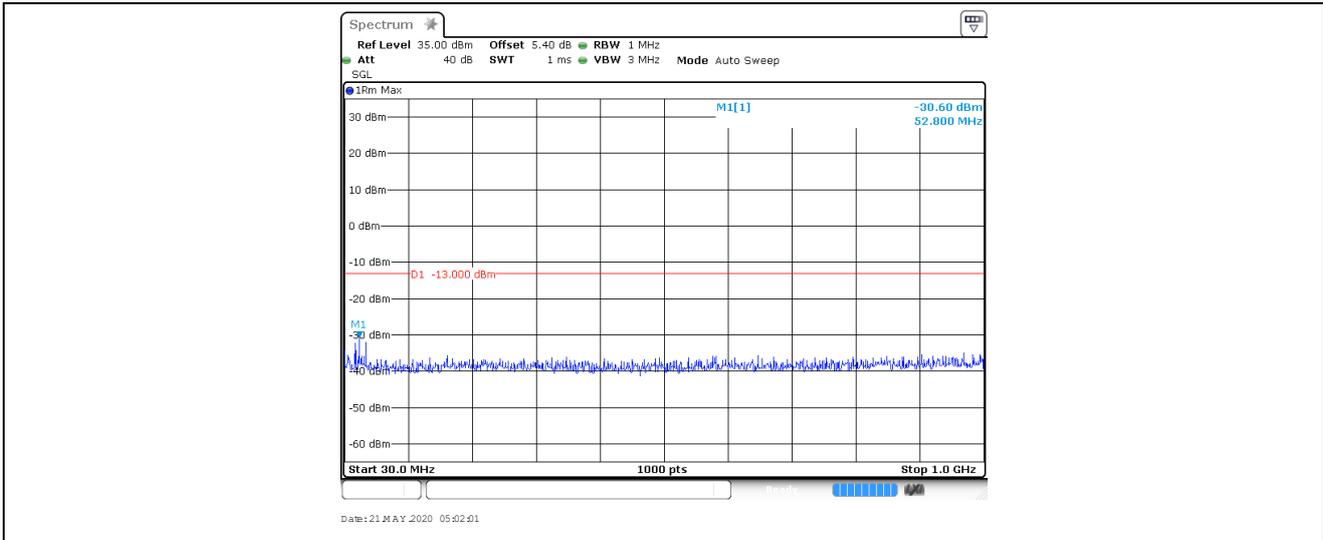


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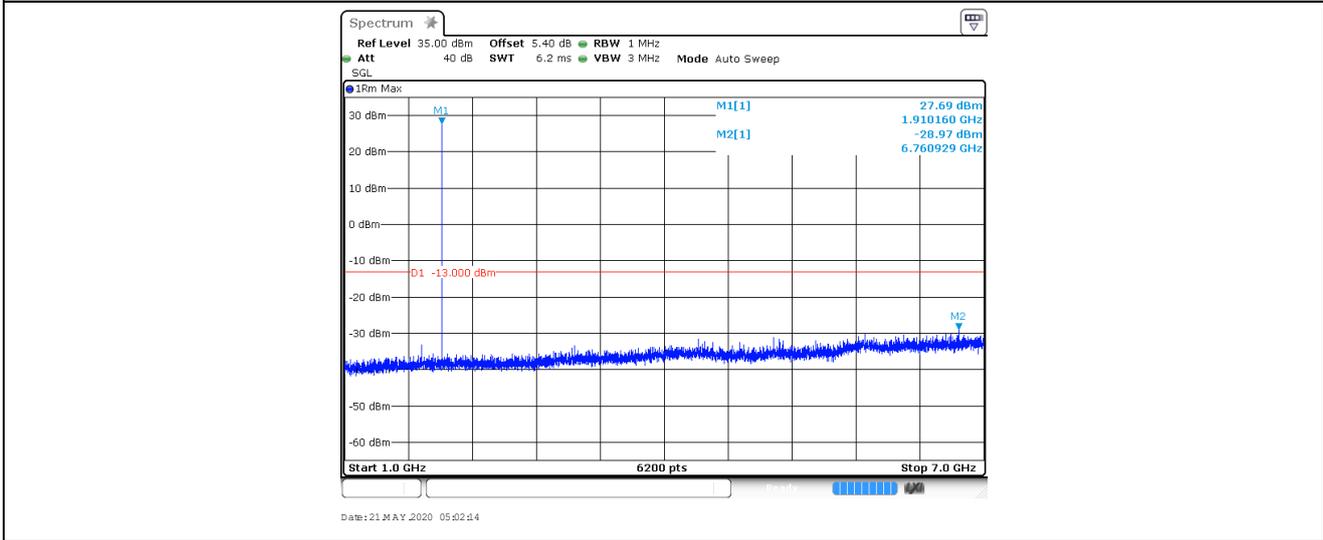


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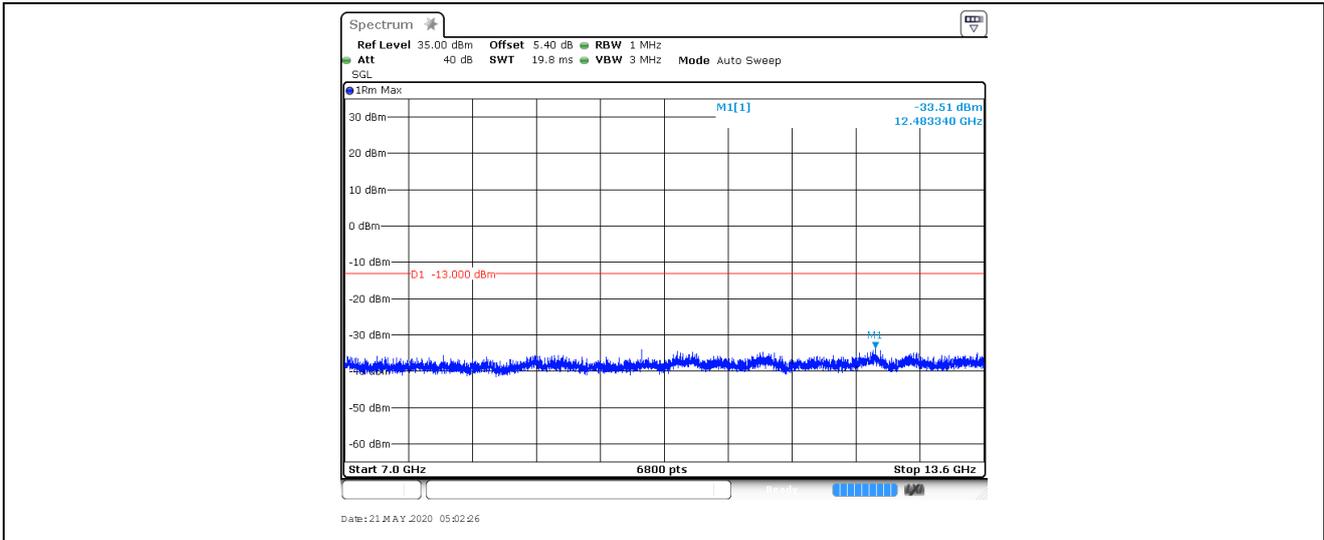


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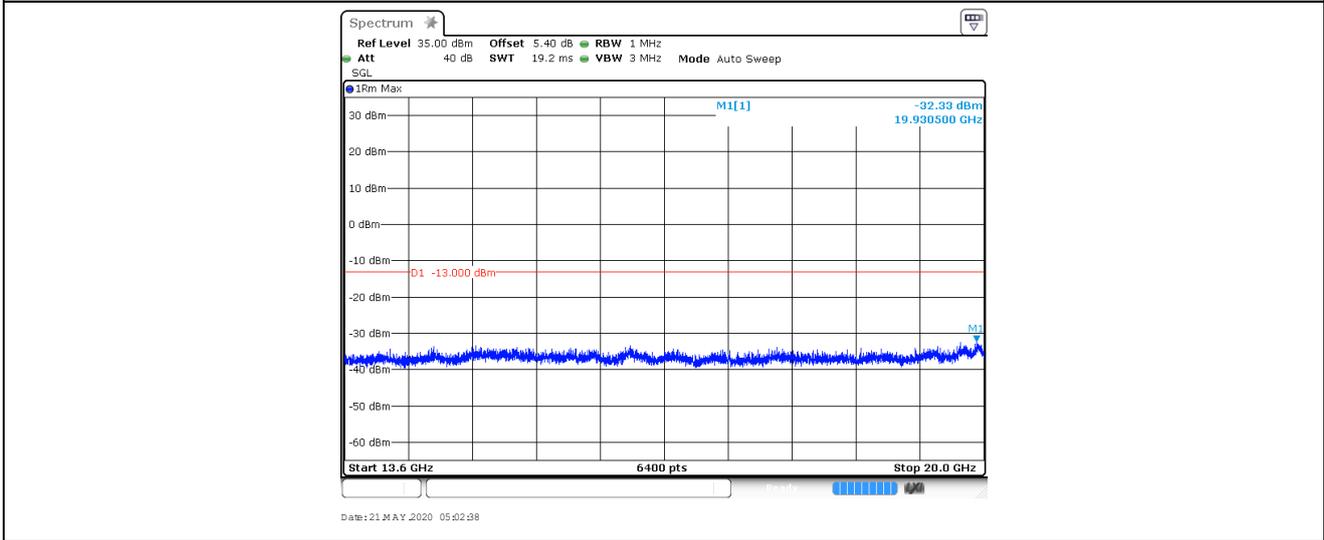


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## 7. Field Strength of Spurious Radiation

### 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
51.9716	-71.83	-13.00	58.83	187	290	Vertical
109.4470	-64.95	-13.00	51.95	195	354	Vertical
444.9867	-66.57	-13.00	53.57	178	35	Vertical
3700.5234	-48.94	-13.00	35.94	165	354	Vertical
5550.5850	-51.44	-13.00	38.44	188	354	Vertical
14499.8833	-47.66	-13.00	34.66	162	194	Vertical
44.1142	-64.47	-13.00	51.47	174	226	Horizontal
251.5591	-67.79	-13.00	54.79	185	162	Horizontal
607.0334	-63.96	-13.00	50.96	178	194	Horizontal
3700.5234	-48.51	-13.00	35.51	196	35	Horizontal
5550.0850	-60.30	-13.00	47.30	188	354	Horizontal
16380.9460	-43.54	-13.00	30.54	165	258	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
116.2373	-65.15	-13.00	52.15	187	226	Vertical
326.0588	-68.21	-13.00	55.21	196	226	Vertical
860.8950	-59.90	-13.00	46.90	184	67	Vertical
3760.0253	-45.89	-13.00	32.89	175	99	Vertical
5640.0880	-48.12	-13.00	35.12	189	354	Vertical
14476.3825	-47.61	-13.00	34.61	195	354	Vertical
43.0472	-64.51	-13.00	51.51	187	258	Horizontal
240.5975	-68.49	-13.00	55.49	192	354	Horizontal
542.4281	-64.74	-13.00	51.74	185	354	Horizontal
3760.0253	-41.59	-13.00	28.59	184	4	Horizontal
5640.0880	-58.98	-13.00	45.98	162	322	Horizontal
16369.9457	-43.54	-13.00	30.54	195	290	Horizontal



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**7.1.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
44.7932	-74.19	-13.00	61.19	241	258	Vertical
111.4841	-64.92	-13.00	51.92	274	258	Vertical
460.3620	-66.45	-13.00	53.45	258	35	Vertical
3820.0273	-49.06	-13.00	36.06	263	99	Vertical
5729.0910	-56.82	-13.00	43.82	241	35	Vertical
14483.8828	-47.65	-13.00	34.65	259	99	Vertical
39.5550	-63.71	-13.00	50.71	187	354	Horizontal
242.1011	-68.23	-13.00	55.23	174	131	Horizontal
761.9016	-62.05	-13.00	49.05	198	354	Horizontal
3819.5273	-41.77	-13.00	28.77	185	354	Horizontal
5729.5910	-54.92	-13.00	41.92	169	354	Horizontal
16394.4465	-43.46	-13.00	30.46	199	354	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
50.7590	-70.36	-13.00	57.36	148	195	Vertical
108.2829	-63.96	-13.00	50.96	175	258	Vertical
1648.5297	-56.83	-13.00	43.83	196	111	Vertical
2473.0946	-54.87	-13.00	41.87	185	356	Vertical
5475.5825	-61.66	-13.00	48.66	152	227	Vertical
14474.8825	-47.69	-13.00	34.69	185	258	Vertical
43.6292	-64.58	-13.00	51.58	241	259	Horizontal
234.9227	-67.16	-13.00	54.16	258	196	Horizontal
1648.5297	-46.70	-13.00	33.70	271	182	Horizontal
2472.6945	-48.90	-13.00	35.90	263	329	Horizontal
3296.5099	-57.01	-13.00	44.01	224	4	Horizontal
4121.0374	-60.40	-13.00	47.40	295	36	Horizontal



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**7.2.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
48.4309	-71.70	-13.00	58.70	241	354	Vertical
113.8122	-64.13	-13.00	51.13	285	258	Vertical
1673.3347	-56.44	-13.00	43.44	269	158	Vertical
2509.9020	-54.91	-13.00	41.91	228	343	Vertical
3346.5116	-59.73	-13.00	46.73	271	162	Vertical
14493.8831	-47.21	-13.00	34.21	263	131	Vertical
44.3567	-63.33	-13.00	50.33	198	354	Horizontal
243.4592	-67.42	-13.00	54.42	174	131	Horizontal
1673.3347	-49.00	-13.00	36.00	165	8	Horizontal
2509.9020	-46.88	-13.00	33.88	189	3	Horizontal
3346.0115	-50.52	-13.00	37.52	175	194	Horizontal
4183.0394	-60.93	-13.00	47.93	165	194	Horizontal

**7.2.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
113.6182	-63.65	-13.00	50.65	187	130	Vertical
388.5299	-66.94	-13.00	53.94	175	321	Vertical
1697.3395	-55.05	-13.00	42.05	196	184	Vertical
2546.3093	-54.90	-13.00	41.90	188	222	Vertical
3395.0132	-60.11	-13.00	47.11	196	130	Vertical
14483.8828	-47.51	-13.00	34.51	175	36	Vertical
41.5436	-63.73	-13.00	50.73	187	290	Horizontal
229.1025	-67.65	-13.00	54.65	254	4	Horizontal
1697.3395	-43.69	-13.00	30.69	236	171	Horizontal
2546.3093	-45.89	-13.00	32.89	274	130	Horizontal
3395.0132	-51.82	-13.00	38.82	259	35	Horizontal
16400.4467	-43.82	-13.00	30.82	259	67	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

Voltage							
BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	12.34	0.014972	±2.5	PASS
GSM850	128	VN	TN	-14.98	-0.018170	±2.5	PASS
GSM850	128	VH	TN	12.42	0.015072	±2.5	PASS
GSM850	190	VL	TN	-14.11	-0.016864	±2.5	PASS
GSM850	190	VN	TN	0.00	0.000005	±2.5	PASS
GSM850	190	VH	TN	-13.25	-0.015840	±2.5	PASS
GSM850	251	VL	TN	0.26	0.000300	±2.5	PASS
GSM850	251	VN	TN	12.97	0.015286	±2.5	PASS
GSM850	251	VH	TN	-13.20	-0.015550	±2.5	PASS
EGPRS850	128	VL	TN	-10.99	-0.013336	±2.5	PASS
EGPRS850	128	VN	TN	14.98	0.018174	±2.5	PASS
EGPRS850	128	VH	TN	1.18	0.001434	±2.5	PASS
EGPRS850	190	VL	TN	-8.20	-0.009800	±2.5	PASS
EGPRS850	190	VN	TN	-6.09	-0.007281	±2.5	PASS
EGPRS850	190	VH	TN	0.40	0.000482	±2.5	PASS
EGPRS850	251	VL	TN	-8.50	-0.010013	±2.5	PASS
EGPRS850	251	VN	TN	-10.45	-0.012317	±2.5	PASS
EGPRS850	251	VH	TN	-0.72	-0.000852	±2.5	PASS
GSM1900	512	VL	TN	-10.56	-0.005710	±2.5	PASS
GSM1900	512	VN	TN	0.95	0.000512	±2.5	PASS
GSM1900	512	VH	TN	0.21	0.000111	±2.5	PASS
GSM1900	661	VL	TN	13.32	0.007086	±2.5	PASS
GSM1900	661	VN	TN	-6.53	-0.003474	±2.5	PASS
GSM1900	661	VH	TN	-10.61	-0.005645	±2.5	PASS
GSM1900	810	VL	TN	6.92	0.003625	±2.5	PASS
GSM1900	810	VN	TN	2.92	0.001527	±2.5	PASS
GSM1900	810	VH	TN	8.74	0.004579	±2.5	PASS
EGPRS1900	512	VL	TN	12.82	0.006930	±2.5	PASS
EGPRS1900	512	VN	TN	14.86	0.008031	±2.5	PASS



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EGPRS1900	512	VH	TN	6.88	0.003719	±2.5	PASS
EGPRS1900	661	VL	TN	-9.54	-0.005076	±2.5	PASS
EGPRS1900	661	VN	TN	1.33	0.000705	±2.5	PASS
EGPRS1900	661	VH	TN	-10.93	-0.005815	±2.5	PASS
EGPRS1900	810	VL	TN	10.71	0.005607	±2.5	PASS
EGPRS1900	810	VN	TN	-9.33	-0.004884	±2.5	PASS
EGPRS1900	810	VH	TN	-0.11	-0.000056	±2.5	PASS

**8.2.Frequency Error Vs Temperature**

Temperature							
BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	11.20	0.013589	±2.5	PASS
GSM850	128	VN	-20	3.34	0.004052	±2.5	PASS
GSM850	128	VN	-10	1.49	0.001809	±2.5	PASS
GSM850	128	VN	0	-9.16	-0.011119	±2.5	PASS
GSM850	128	VN	10	9.96	0.012083	±2.5	PASS
GSM850	128	VN	20	2.94	0.003568	±2.5	PASS
GSM850	128	VN	30	6.04	0.007326	±2.5	PASS
GSM850	128	VN	40	3.65	0.004432	±2.5	PASS
GSM850	128	VN	50	-7.66	-0.009296	±2.5	PASS
GSM850	190	VN	-30	-6.22	-0.007432	±2.5	PASS
GSM850	190	VN	-20	6.25	0.007466	±2.5	PASS
GSM850	190	VN	-10	5.46	0.006526	±2.5	PASS
GSM850	190	VN	0	-4.04	-0.004824	±2.5	PASS
GSM850	190	VN	10	13.77	0.016465	±2.5	PASS
GSM850	190	VN	20	5.64	0.006746	±2.5	PASS
GSM850	190	VN	30	-7.52	-0.008989	±2.5	PASS
GSM850	190	VN	40	-2.05	-0.002452	±2.5	PASS
GSM850	190	VN	50	-2.82	-0.003367	±2.5	PASS
GSM850	251	VN	-30	12.61	0.014852	±2.5	PASS
GSM850	251	VN	-20	11.41	0.013438	±2.5	PASS
GSM850	251	VN	-10	10.07	0.011864	±2.5	PASS
GSM850	251	VN	0	-7.95	-0.009364	±2.5	PASS
GSM850	251	VN	10	1.96	0.002315	±2.5	PASS
GSM850	251	VN	20	-7.05	-0.008309	±2.5	PASS



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GSM850	251	VN	30	-11.94	-0.014063	±2.5	PASS
GSM850	251	VN	40	-5.14	-0.006060	±2.5	PASS
GSM850	251	VN	50	-0.09	-0.000100	±2.5	PASS
EGPRS850	128	VN	-30	14.01	0.017000	±2.5	PASS
EGPRS850	128	VN	-20	-1.22	-0.001478	±2.5	PASS
EGPRS850	128	VN	-10	6.57	0.007969	±2.5	PASS
EGPRS850	128	VN	0	-2.66	-0.003226	±2.5	PASS
EGPRS850	128	VN	10	-12.53	-0.015208	±2.5	PASS
EGPRS850	128	VN	20	-14.10	-0.017113	±2.5	PASS
EGPRS850	128	VN	30	6.72	0.008151	±2.5	PASS
EGPRS850	128	VN	40	-12.49	-0.015148	±2.5	PASS
EGPRS850	128	VN	50	13.97	0.016946	±2.5	PASS
EGPRS850	190	VN	-30	12.40	0.014819	±2.5	PASS
EGPRS850	190	VN	-20	-10.84	-0.012960	±2.5	PASS
EGPRS850	190	VN	-10	-9.30	-0.011117	±2.5	PASS
EGPRS850	190	VN	0	8.30	0.009923	±2.5	PASS
EGPRS850	190	VN	10	-9.49	-0.011344	±2.5	PASS
EGPRS850	190	VN	20	-7.16	-0.008562	±2.5	PASS
EGPRS850	190	VN	30	-2.64	-0.003159	±2.5	PASS
EGPRS850	190	VN	40	-0.97	-0.001160	±2.5	PASS
EGPRS850	190	VN	50	6.53	0.007808	±2.5	PASS
EGPRS850	251	VN	-30	4.62	0.005445	±2.5	PASS
EGPRS850	251	VN	-20	9.95	0.011725	±2.5	PASS
EGPRS850	251	VN	-10	12.30	0.014495	±2.5	PASS
EGPRS850	251	VN	0	-4.47	-0.005265	±2.5	PASS
EGPRS850	251	VN	10	1.96	0.002309	±2.5	PASS
EGPRS850	251	VN	20	-4.74	-0.005586	±2.5	PASS
EGPRS850	251	VN	30	-13.17	-0.015516	±2.5	PASS
EGPRS850	251	VN	40	-11.92	-0.014048	±2.5	PASS
EGPRS850	251	VN	50	2.79	0.003289	±2.5	PASS
GSM1900	512	VN	-30	-9.46	-0.005116	±2.5	PASS
GSM1900	512	VN	-20	6.10	0.003297	±2.5	PASS
GSM1900	512	VN	-10	7.76	0.004192	±2.5	PASS
GSM1900	512	VN	0	0.55	0.000299	±2.5	PASS
GSM1900	512	VN	10	-2.96	-0.001598	±2.5	PASS
GSM1900	512	VN	20	-13.43	-0.007260	±2.5	PASS
GSM1900	512	VN	30	4.09	0.002209	±2.5	PASS



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GSM1900	512	VN	40	3.95	0.002137	±2.5	PASS
GSM1900	512	VN	50	7.44	0.004023	±2.5	PASS
GSM1900	661	VN	-30	-13.74	-0.007310	±2.5	PASS
GSM1900	661	VN	-20	-4.21	-0.002240	±2.5	PASS
GSM1900	661	VN	-10	-10.58	-0.005626	±2.5	PASS
GSM1900	661	VN	0	-4.81	-0.002561	±2.5	PASS
GSM1900	661	VN	10	-5.14	-0.002732	±2.5	PASS
GSM1900	661	VN	20	3.12	0.001658	±2.5	PASS
GSM1900	661	VN	30	12.67	0.006741	±2.5	PASS
GSM1900	661	VN	40	-2.20	-0.001171	±2.5	PASS
GSM1900	661	VN	50	8.11	0.004315	±2.5	PASS
GSM1900	810	VN	-30	0.96	0.000503	±2.5	PASS
GSM1900	810	VN	-20	-1.15	-0.000601	±2.5	PASS
GSM1900	810	VN	-10	-3.96	-0.002076	±2.5	PASS
GSM1900	810	VN	0	-14.77	-0.007734	±2.5	PASS
GSM1900	810	VN	10	1.31	0.000687	±2.5	PASS
GSM1900	810	VN	20	-10.44	-0.005464	±2.5	PASS
GSM1900	810	VN	30	-8.04	-0.004208	±2.5	PASS
GSM1900	810	VN	40	4.33	0.002265	±2.5	PASS
GSM1900	810	VN	50	-9.93	-0.005200	±2.5	PASS
EGPRS1900	512	VN	-30	-3.52	-0.001901	±2.5	PASS
EGPRS1900	512	VN	-20	-8.76	-0.004734	±2.5	PASS
EGPRS1900	512	VN	-10	-7.31	-0.003949	±2.5	PASS
EGPRS1900	512	VN	0	10.04	0.005424	±2.5	PASS
EGPRS1900	512	VN	10	-5.97	-0.003227	±2.5	PASS
EGPRS1900	512	VN	20	-14.72	-0.007956	±2.5	PASS
EGPRS1900	512	VN	30	1.20	0.000650	±2.5	PASS
EGPRS1900	512	VN	40	-7.15	-0.003866	±2.5	PASS
EGPRS1900	512	VN	50	-9.83	-0.005312	±2.5	PASS
EGPRS1900	661	VN	-30	5.43	0.002889	±2.5	PASS
EGPRS1900	661	VN	-20	8.09	0.004303	±2.5	PASS
EGPRS1900	661	VN	-10	-10.06	-0.005349	±2.5	PASS
EGPRS1900	661	VN	0	-13.13	-0.006984	±2.5	PASS
EGPRS1900	661	VN	10	8.77	0.004666	±2.5	PASS
EGPRS1900	661	VN	20	0.75	0.000397	±2.5	PASS
EGPRS1900	661	VN	30	-10.39	-0.005524	±2.5	PASS
EGPRS1900	661	VN	40	-14.36	-0.007636	±2.5	PASS



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EGPRS1900	661	VN	50	-14.24	-0.007574	±2.5	PASS
EGPRS1900	810	VN	-30	-12.98	-0.006797	±2.5	PASS
EGPRS1900	810	VN	-20	11.89	0.006227	±2.5	PASS
EGPRS1900	810	VN	-10	4.80	0.002511	±2.5	PASS
EGPRS1900	810	VN	0	10.02	0.005246	±2.5	PASS
EGPRS1900	810	VN	10	-1.65	-0.000862	±2.5	PASS
EGPRS1900	810	VN	20	4.99	0.002615	±2.5	PASS
EGPRS1900	810	VN	30	0.85	0.000443	±2.5	PASS
EGPRS1900	810	VN	40	13.82	0.007234	±2.5	PASS
EGPRS1900	810	VN	50	-14.07	-0.007368	±2.5	PASS

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