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	---	33.25	23.14	38.45	PASS
GSM850	190	---	33.09	22.98	38.45	PASS
GSM850	251	---	32.96	22.85	38.45	PASS
EGPRS850	128	1	27.64	17.53	38.45	PASS
EGPRS850	128	2	26.60	16.49	38.45	PASS
EGPRS850	128	3	24.64	14.53	38.45	PASS
EGPRS850	128	4	23.56	13.45	38.45	PASS
EGPRS850	190	1	27.63	17.52	38.45	PASS
EGPRS850	190	2	26.67	16.56	38.45	PASS
EGPRS850	190	3	24.69	14.58	38.45	PASS
EGPRS850	190	4	23.67	13.56	38.45	PASS
EGPRS850	251	1	27.68	17.57	38.45	PASS
EGPRS850	251	2	26.64	16.53	38.45	PASS
EGPRS850	251	3	24.68	14.57	38.45	PASS
EGPRS850	251	4	23.63	13.52	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	30.33	26.1	33.00	PASS
GSM1900	661	---	30.28	26.05	33.00	PASS
GSM1900	810	---	30.20	25.97	33.00	PASS
EGPRS1900	512	1	26.69	22.46	33.00	PASS
EGPRS1900	512	2	25.66	21.43	33.00	PASS
EGPRS1900	512	3	23.68	19.45	33.00	PASS
EGPRS1900	512	4	21.68	17.45	33.00	PASS
EGPRS1900	661	1	26.68	22.45	33.00	PASS
EGPRS1900	661	2	25.62	21.39	33.00	PASS
EGPRS1900	661	3	23.68	19.45	33.00	PASS
EGPRS1900	661	4	21.66	17.43	33.00	PASS
EGPRS1900	810	1	26.66	22.43	33.00	PASS
EGPRS1900	810	2	25.62	21.39	33.00	PASS
EGPRS1900	810	3	23.61	19.38	33.00	PASS
EGPRS1900	810	4	21.69	17.46	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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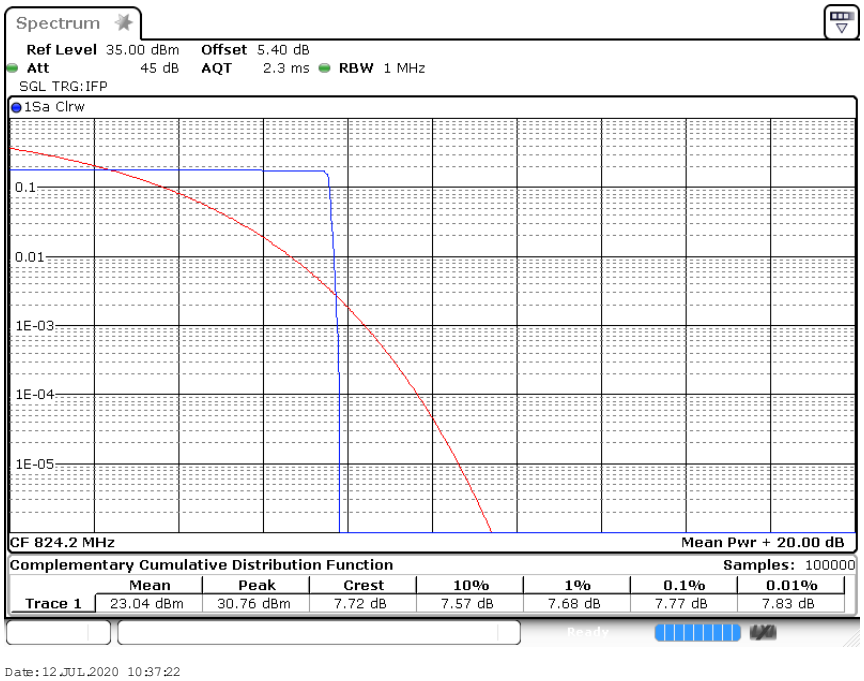
2. Peak-to-Average Ratio

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	7.77	13	PASS
GSM850	190	7.77	13	PASS
GSM850	251	7.80	13	PASS
EGPRS850	128	10.26	13	PASS
EGPRS850	190	4.58	13	PASS
EGPRS850	251	10.23	13	PASS
GSM1900	512	7.68	13	PASS
GSM1900	661	7.68	13	PASS
GSM1900	810	7.71	13	PASS
EGPRS1900	512	10.64	13	PASS
EGPRS1900	661	10.96	13	PASS
EGPRS1900	810	11.30	13	PASS

2.2. Part II - Test Plots

GSM850_128



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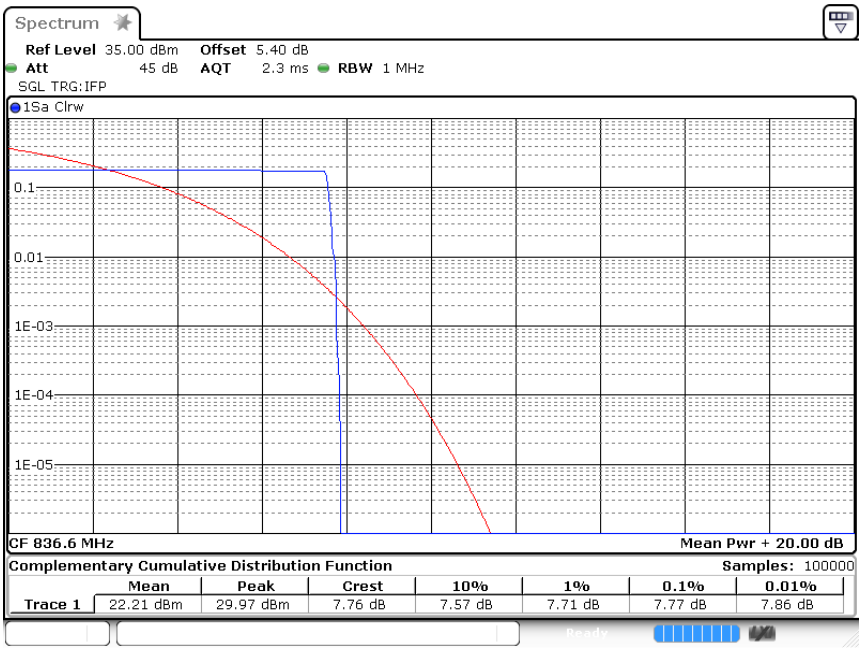

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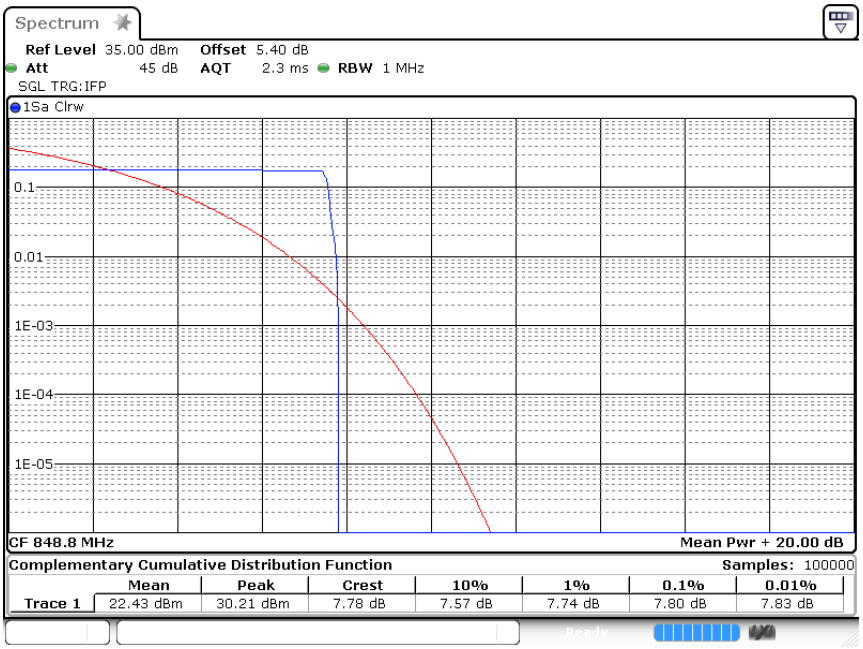

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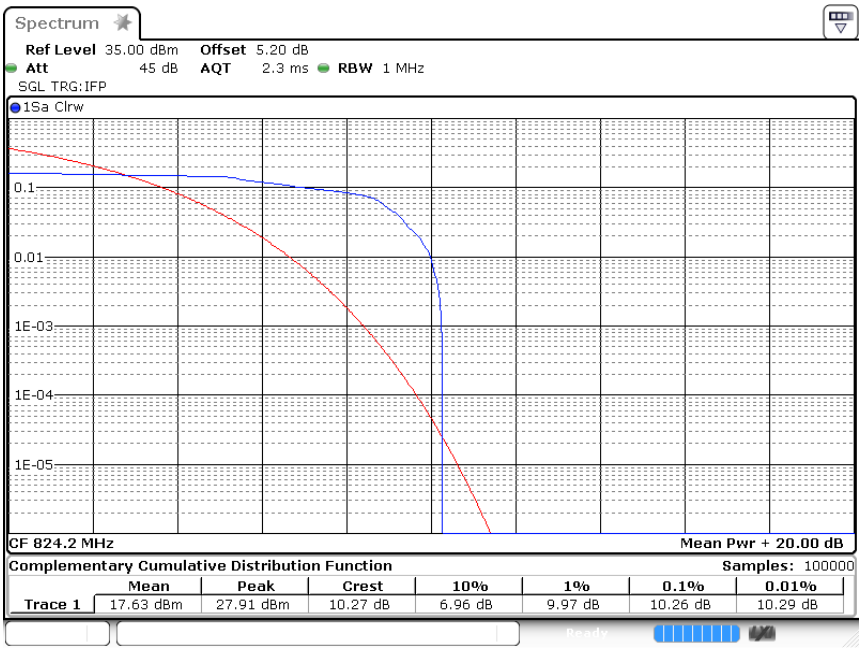

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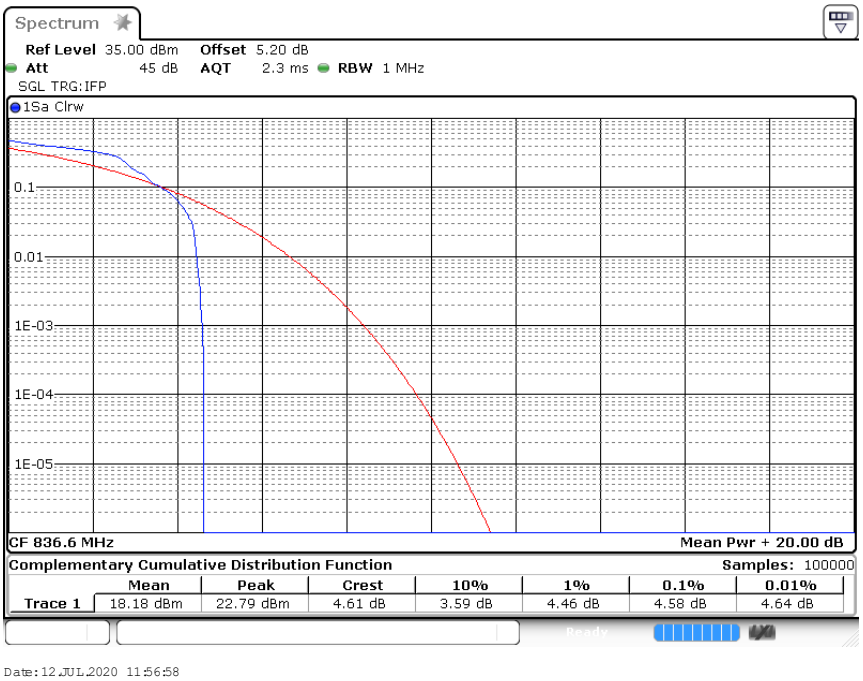

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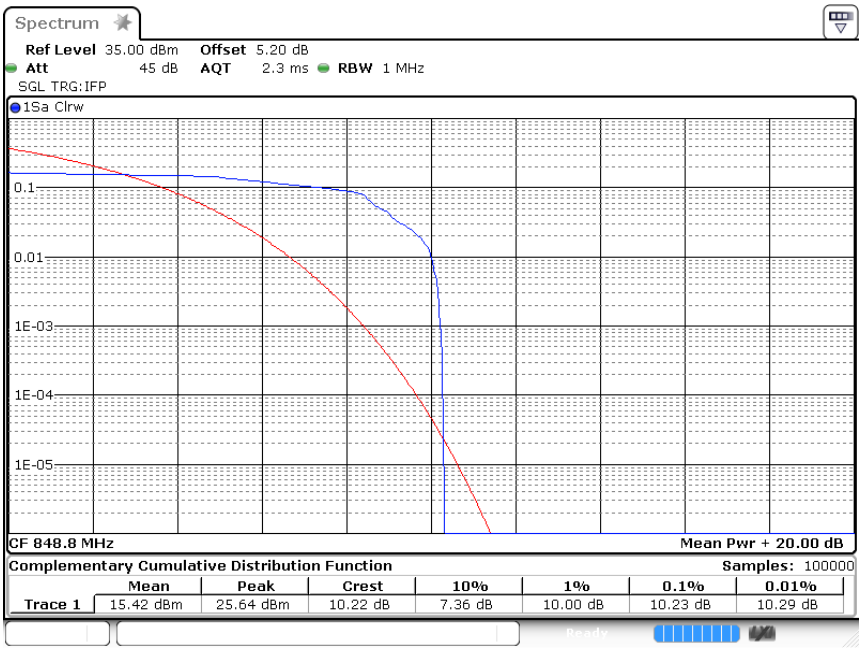

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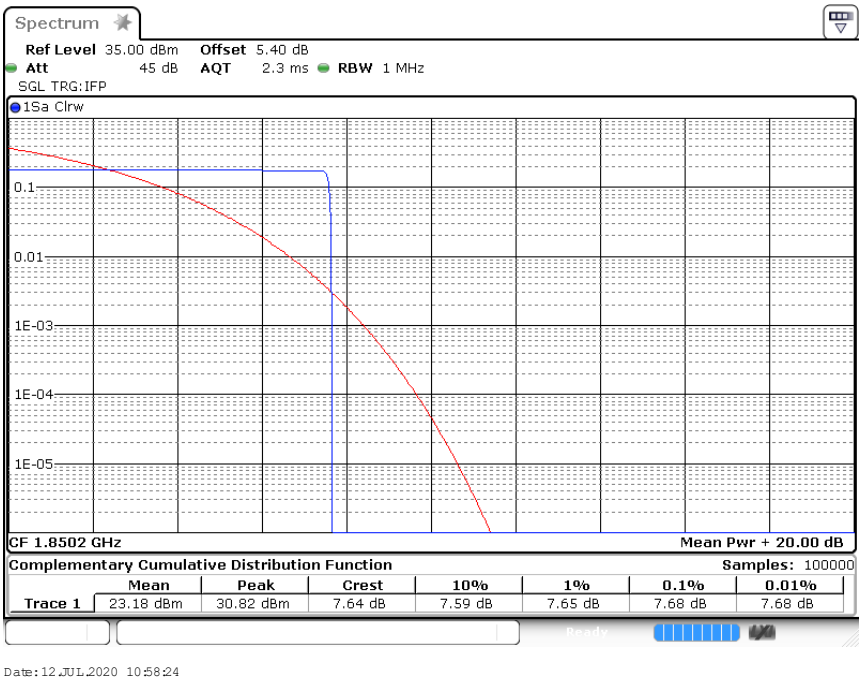

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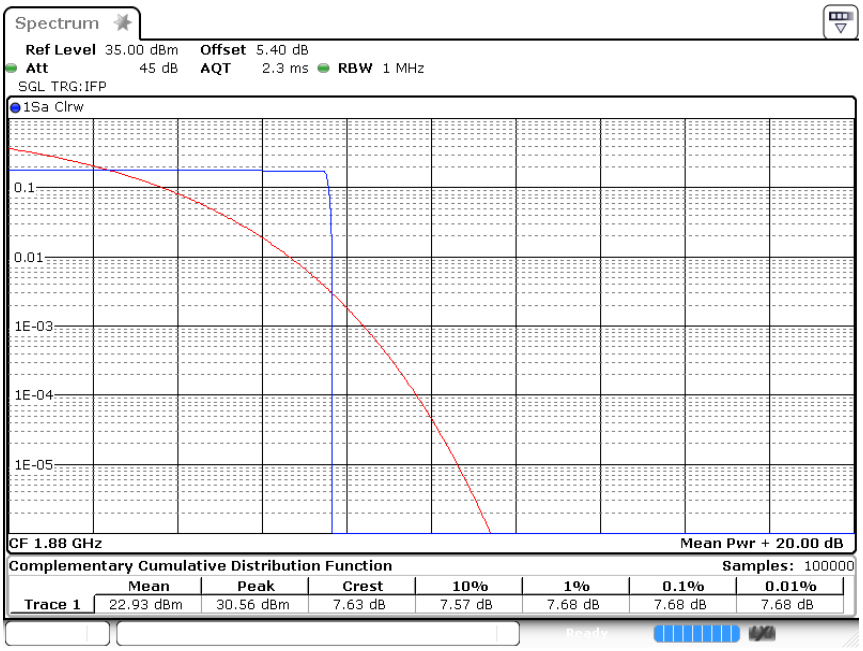

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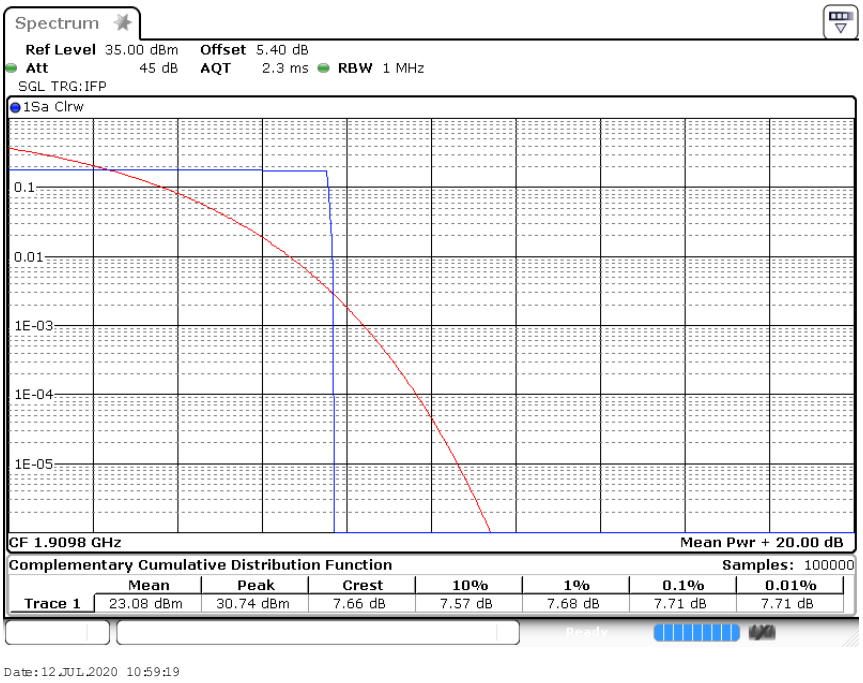

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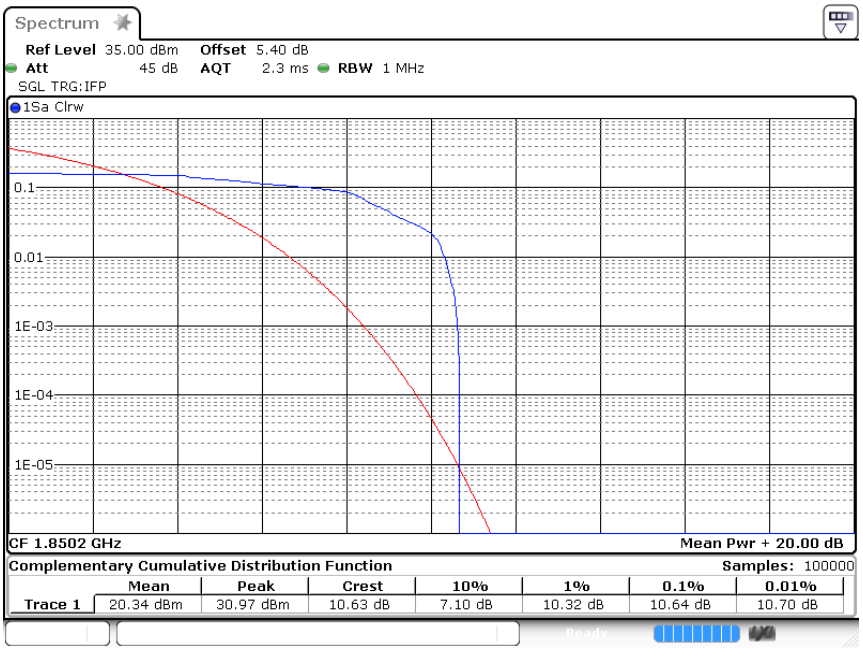

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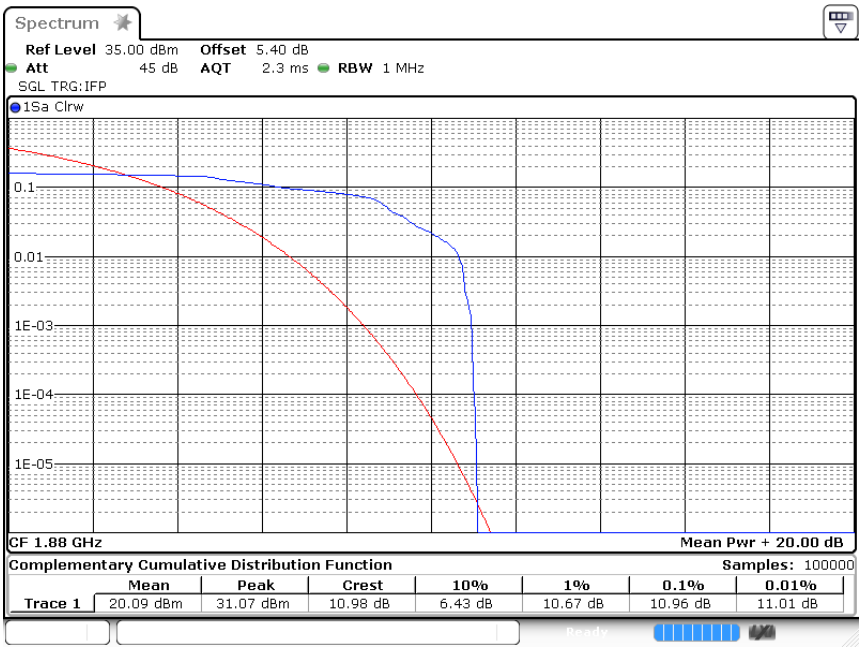

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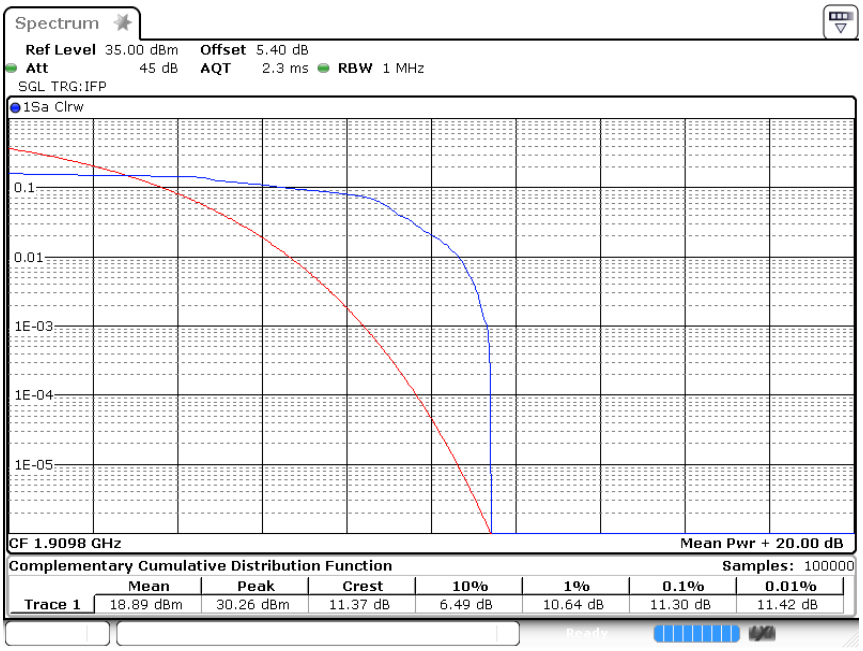
EGPRS1900_810



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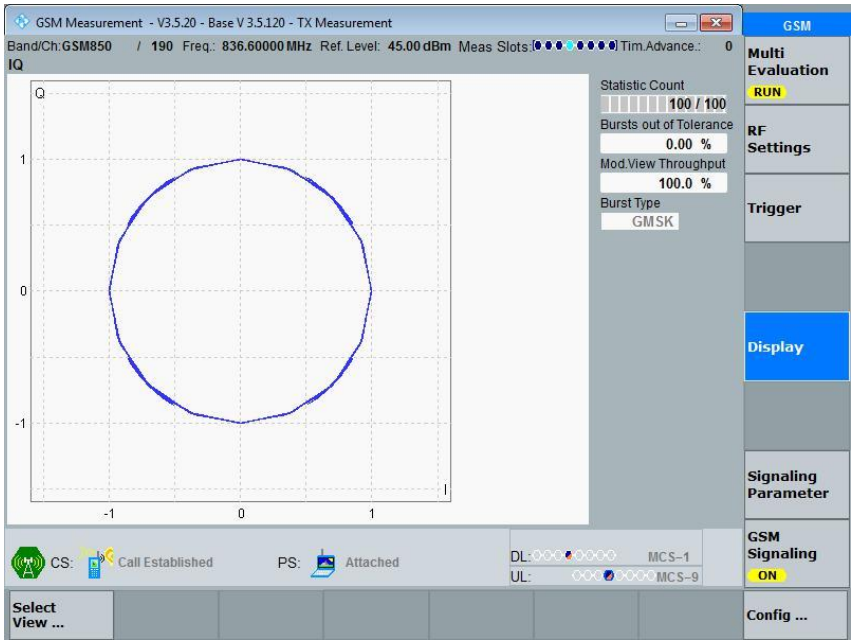
3. Modulation Characteristics

3.1. For GSM

3.1.1. Test Band = GSM 850

3.1.1.1. Test Mode = GSM/TM1

3.1.1.1.1. Test Channel = MCH



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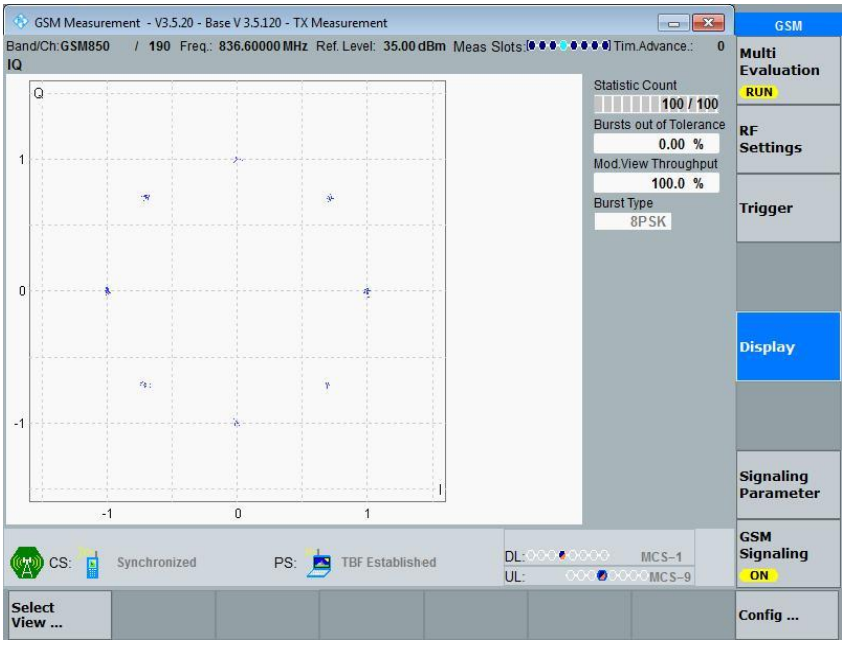
3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



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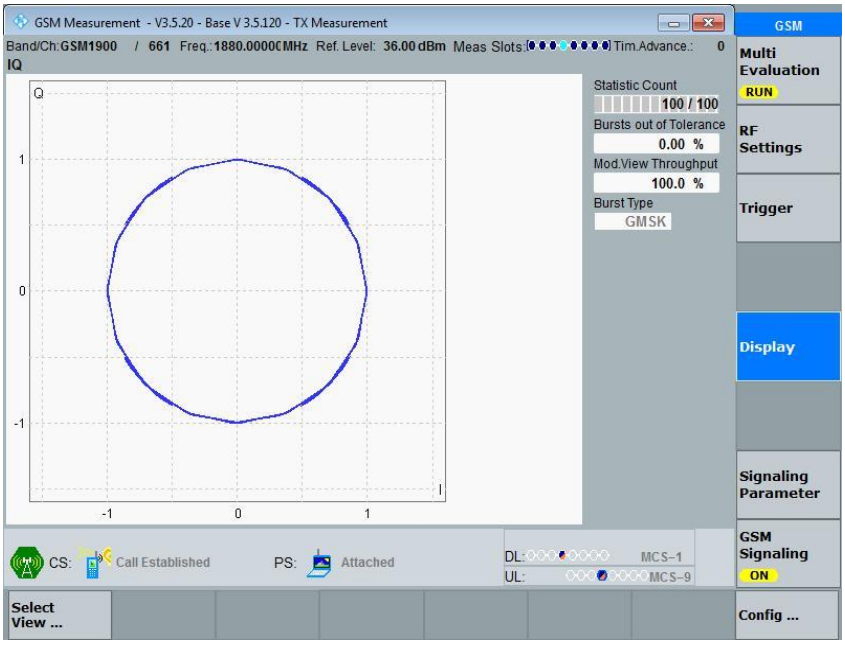
3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

3.1.2.1.1. Test Channel = MCH



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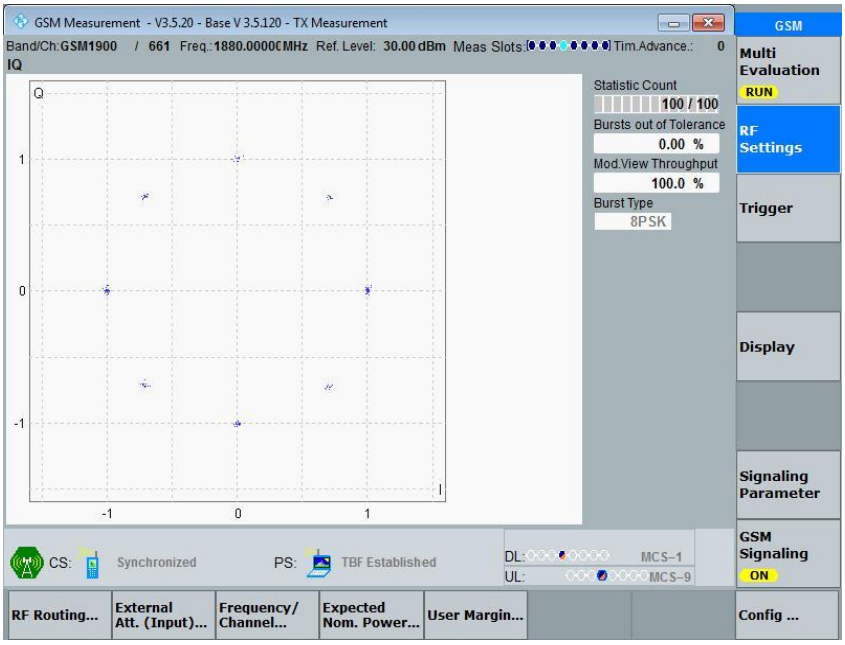
3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



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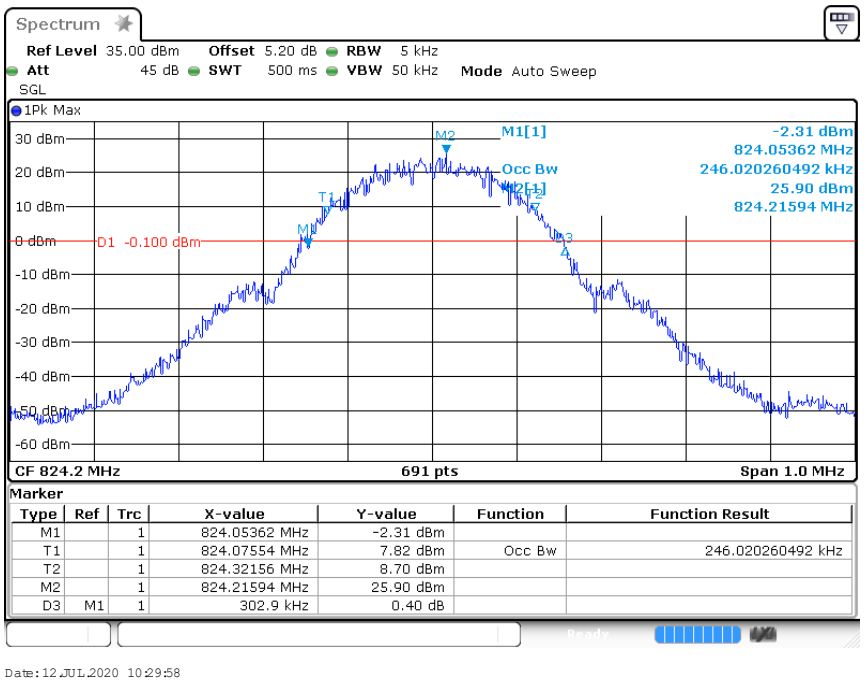
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	246.02	302.90	---	PASS
GSM850	190	244.57	314.49	---	PASS
GSM850	251	247.47	313.04	---	PASS
EGPRS850	128	247.47	304.35	---	PASS
EGPRS850	190	251.81	302.90	---	PASS
EGPRS850	251	250.36	307.25	---	PASS
GSM1900	512	247.47	294.20	---	PASS
GSM1900	661	243.13	307.25	---	PASS
GSM1900	810	244.57	298.55	---	PASS
EGPRS1900	512	247.47	294.20	---	PASS
EGPRS1900	661	244.57	294.20	---	PASS
EGPRS1900	810	246.02	300.00	---	PASS

4.2. Test Plots

GSM850_128



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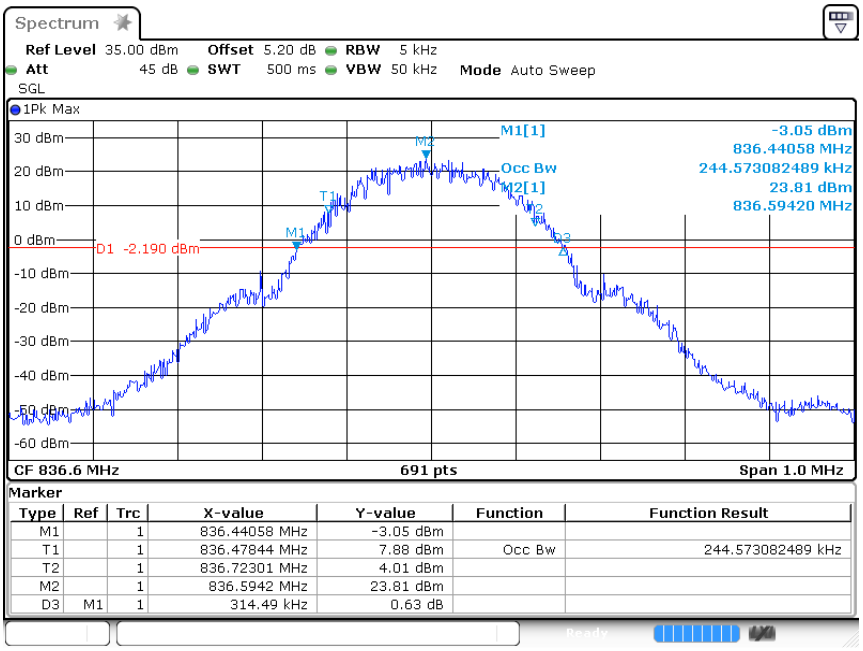
GSM850_190

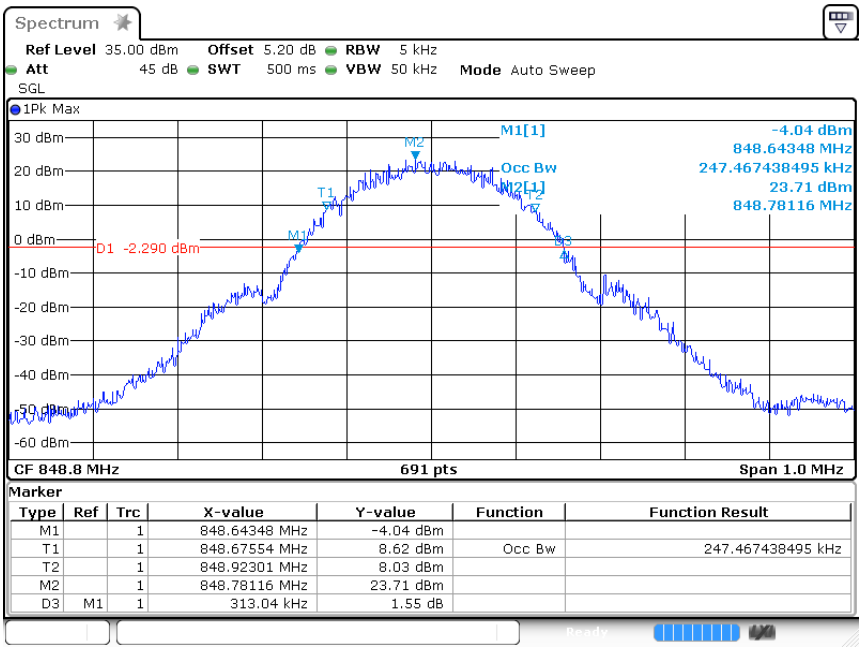


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	836.44058 MHz	-3.05 dBm		
T1		1	836.47844 MHz	7.88 dBm	Occ Bw	244.573082489 kHz
T2		1	836.72301 MHz	4.01 dBm		
M2		1	836.5942 MHz	23.81 dBm		
D3	M1	1	314.49 kHz	0.63 dB		

Date: 12.JUL.2020 10:30:24

GSM850_251



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	848.64348 MHz	-4.04 dBm		
T1		1	848.67554 MHz	8.62 dBm	Occ Bw	247.467438495 kHz
T2		1	848.92301 MHz	8.03 dBm		
M2		1	848.78116 MHz	23.71 dBm		
D3	M1	1	313.04 kHz	1.55 dB		

Date: 12.JUL.2020 10:31:13

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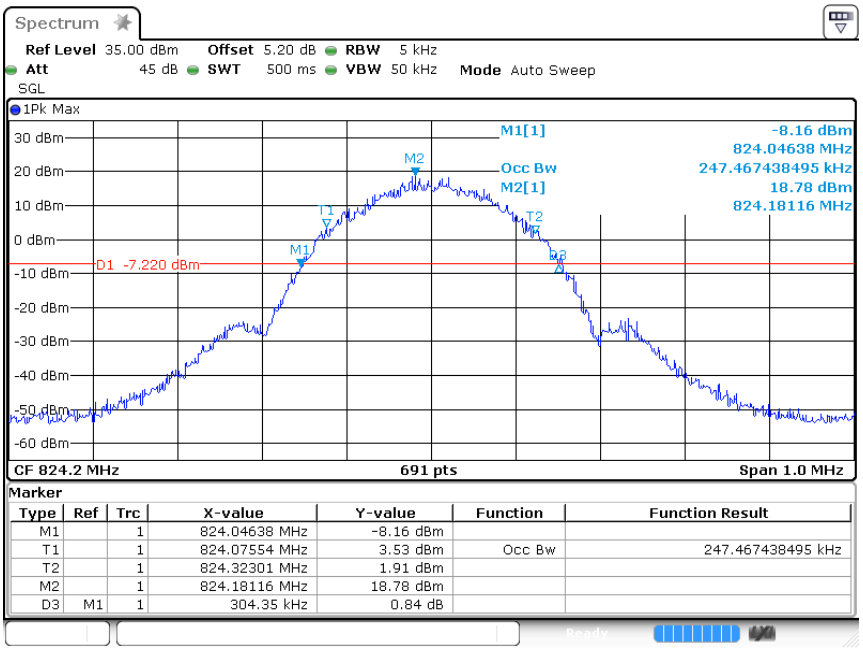

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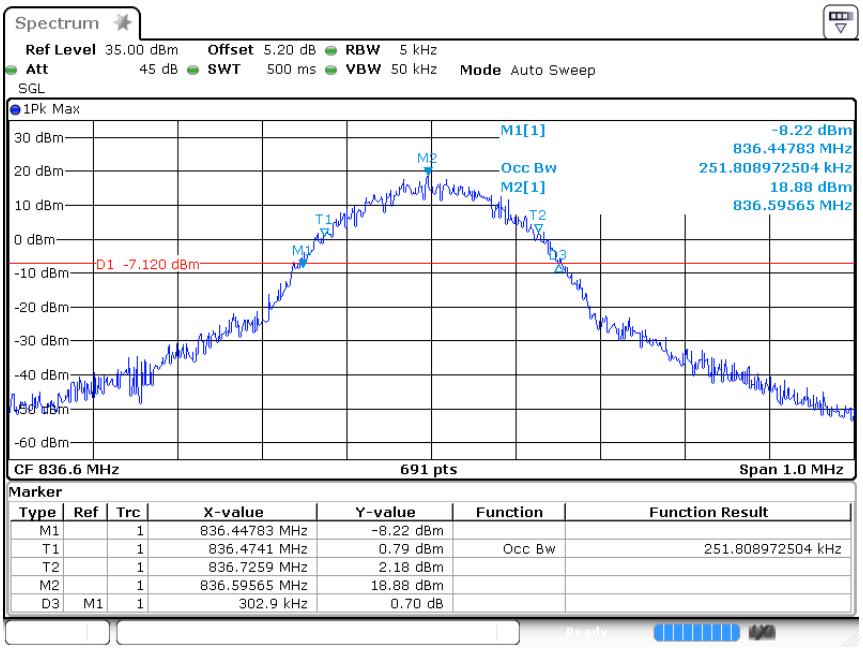
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.04638 MHz	-8.16 dBm		
T1		1	824.07554 MHz	3.53 dBm	Occ Bw	247.467438495 kHz
T2		1	824.32301 MHz	1.91 dBm		
M2		1	824.18116 MHz	18.78 dBm		
D3	M1	1	304.35 kHz	0.84 dB		

Date:12.JUL.2020 11:38:26

EGPRS850_190



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	836.44783 MHz	-8.22 dBm		
T1		1	836.4741 MHz	0.79 dBm	Occ Bw	251.808972504 kHz
T2		1	836.7259 MHz	2.18 dBm		
M2		1	836.59565 MHz	18.88 dBm		
D3	M1	1	302.9 kHz	0.70 dB		

Date:12.JUL.2020 11:42:30

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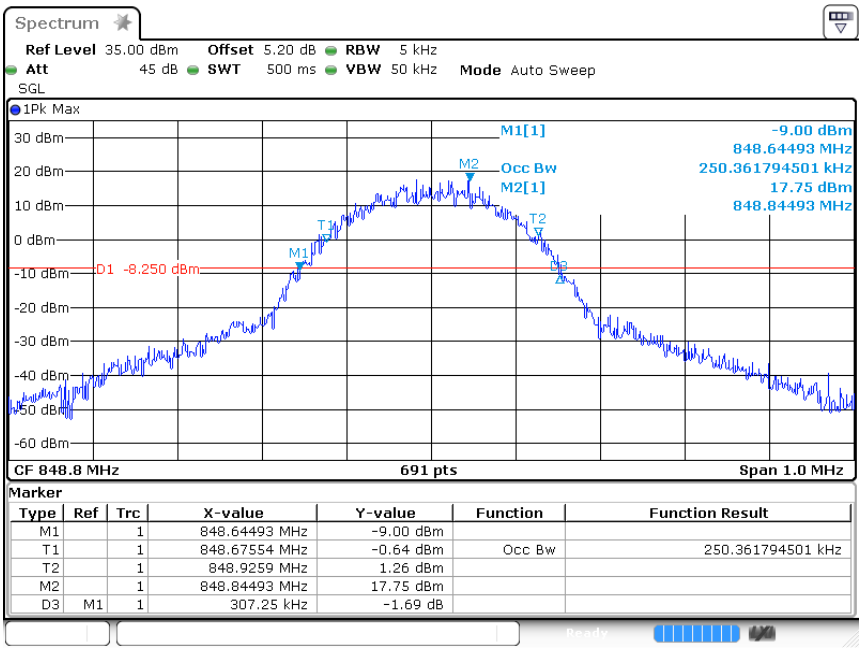

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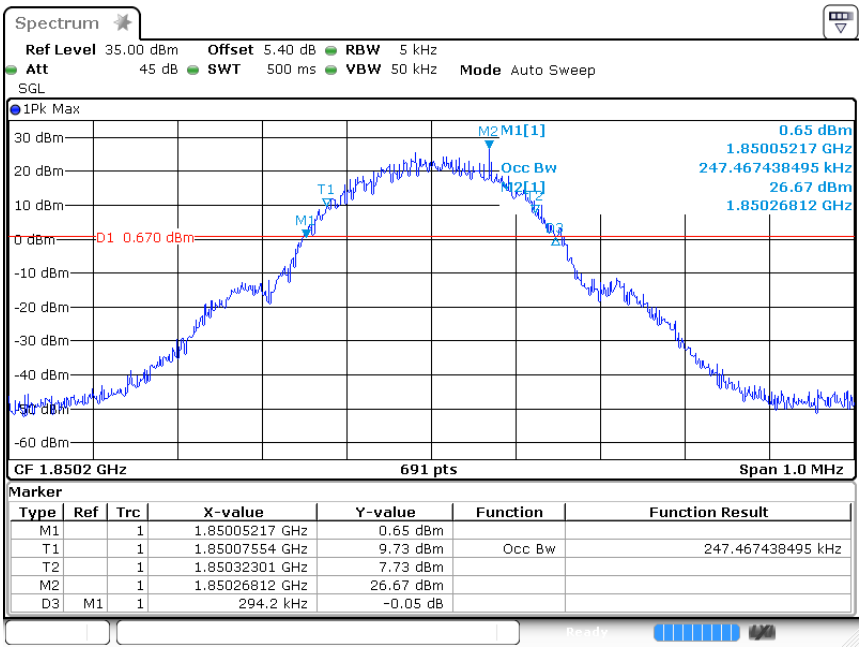
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	848.64493 MHz	-9.00 dBm		
T1		1	848.67554 MHz	-0.64 dBm	Occ Bw	250.361794501 kHz
T2		1	848.9259 MHz	1.26 dBm		
M2		1	848.84493 MHz	17.75 dBm		
D3	M1	1	307.25 kHz	-1.69 dB		

Date: 12.JUL.2020 11:42:58

GSM1900_512



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85005217 GHz	0.65 dBm		
T1		1	1.85007554 GHz	9.73 dBm	Occ Bw	247.467438495 kHz
T2		1	1.85032301 GHz	7.73 dBm		
M2		1	1.85026812 GHz	26.67 dBm		
D3	M1	1	294.2 kHz	-0.05 dB		

Date: 12.JUL.2020 10:51:23

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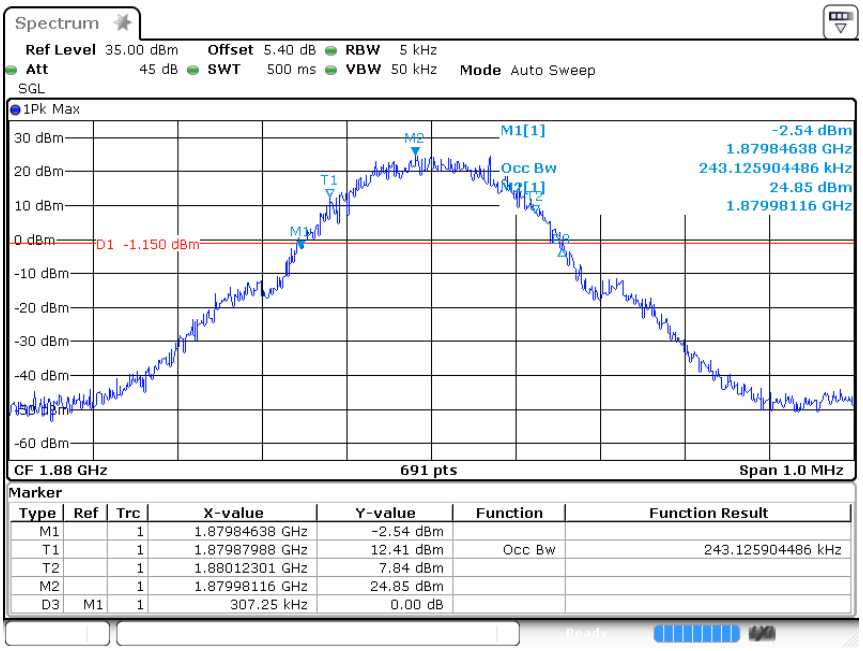
GSM1900_661



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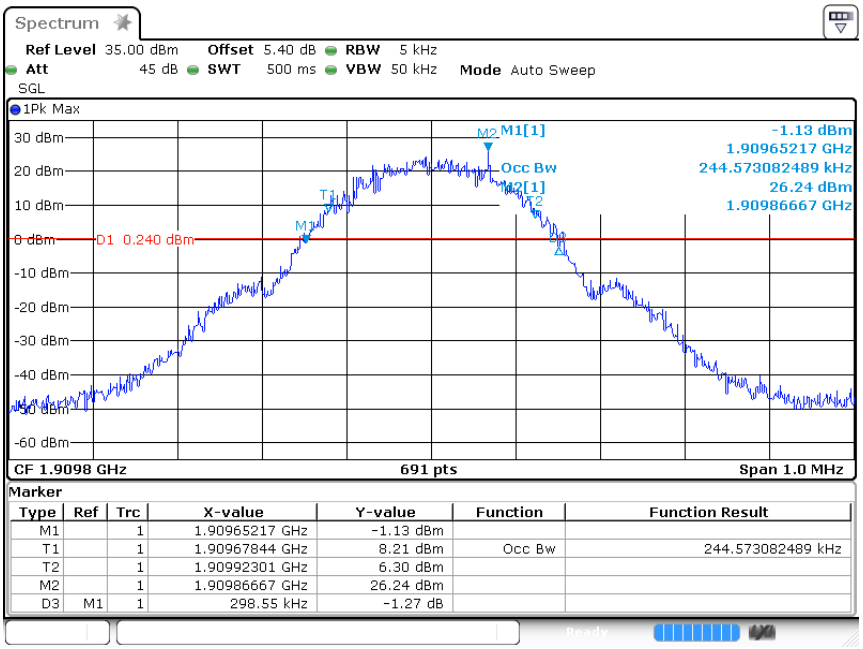

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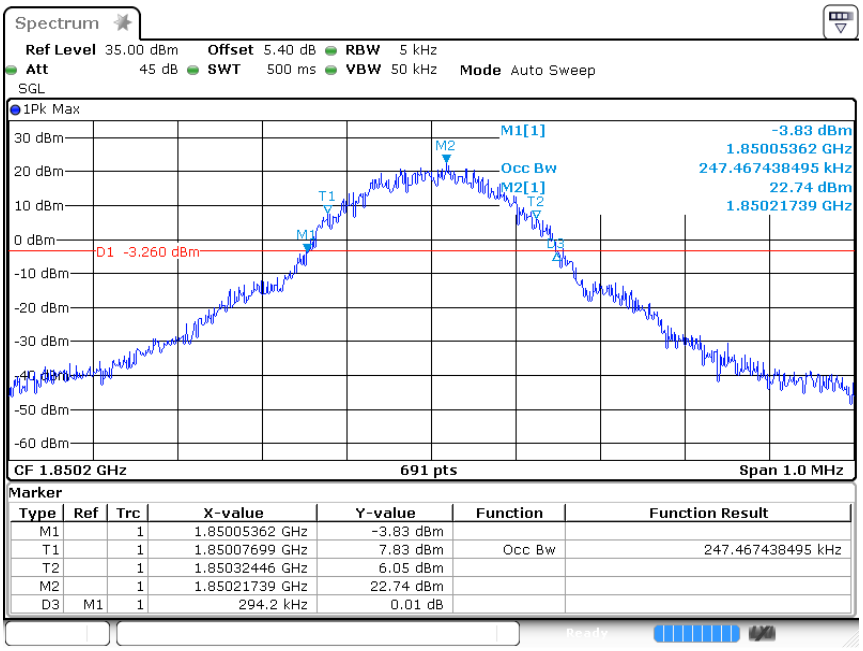
EGPRS1900_512



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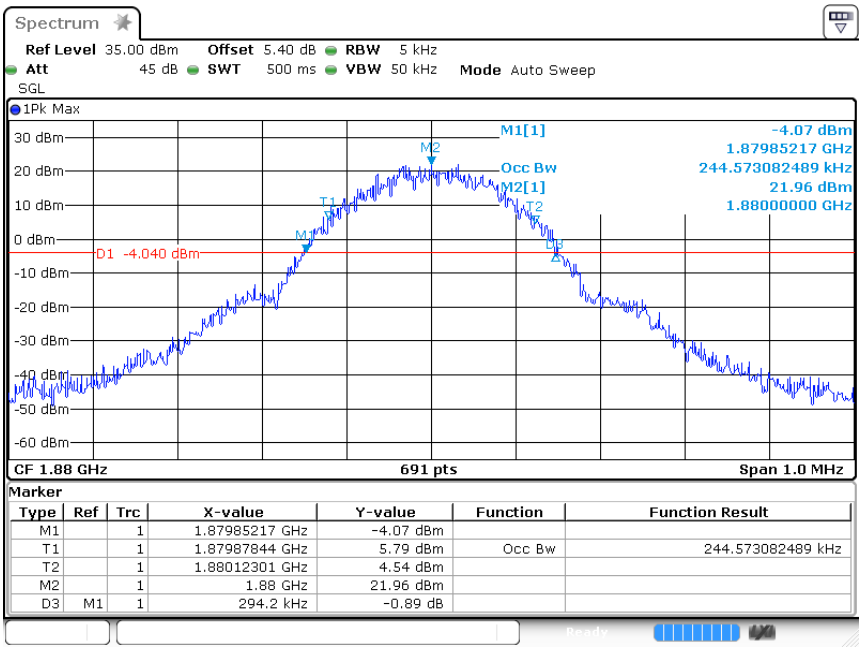

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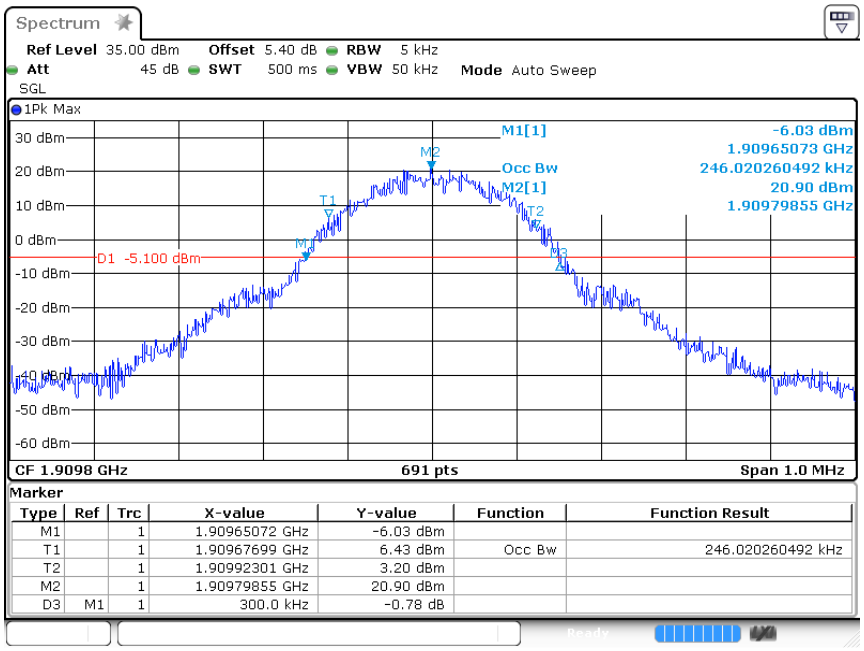
EGPRS1900_810



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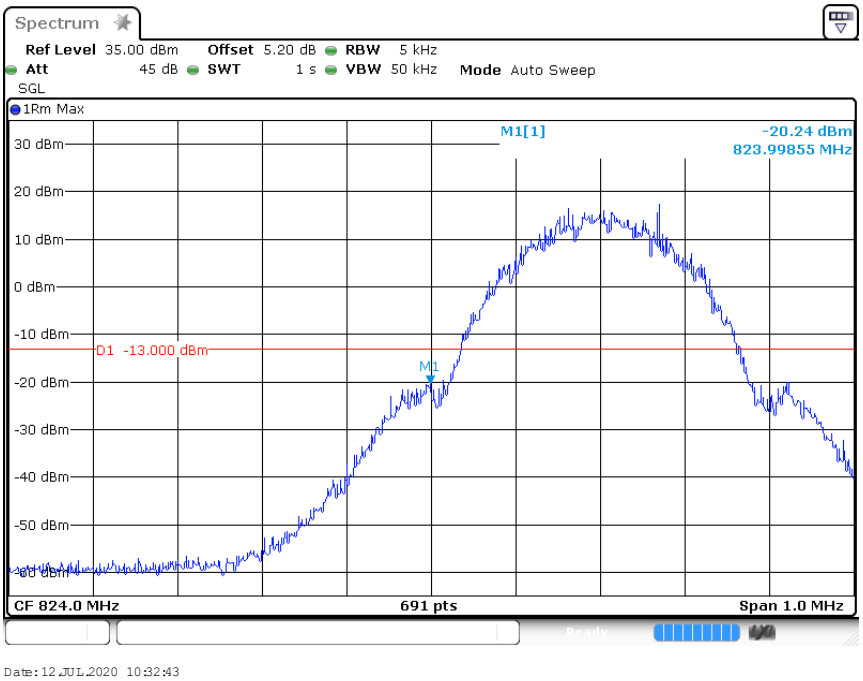
5. Band Edge Compliance

5.1. Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-20.24	-13	PASS
GSM850	251	-19.99	-13	PASS
EGPRS850	128	-28.86	-13	PASS
EGPRS850	251	-31.01	-13	PASS
GSM1900	512	-18.77	-13	PASS
GSM1900	810	-19.24	-13	PASS
EGPRS1900	512	-21.40	-13	PASS
EGPRS1900	810	-22.44	-13	PASS

5.2. Test Plots

GSM850_128



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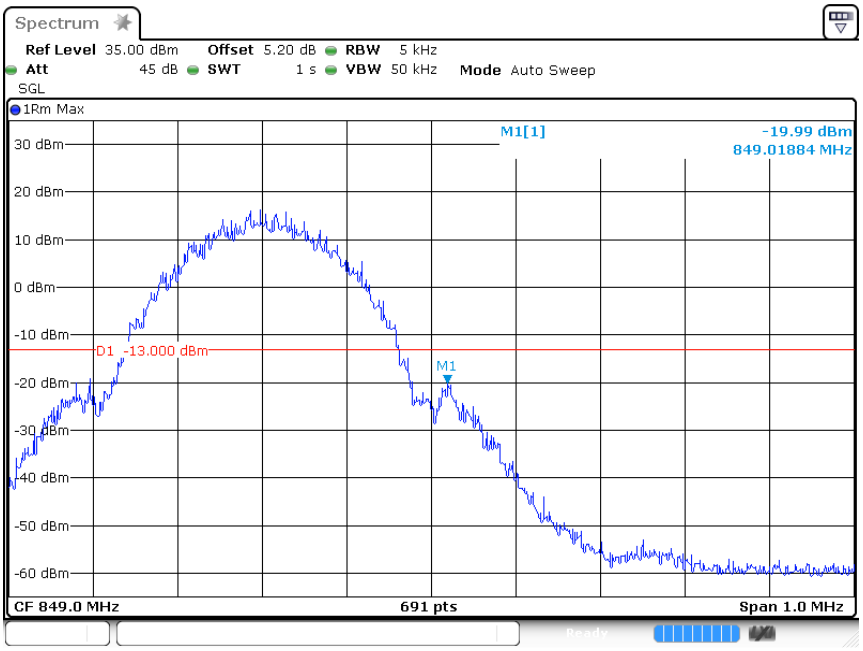

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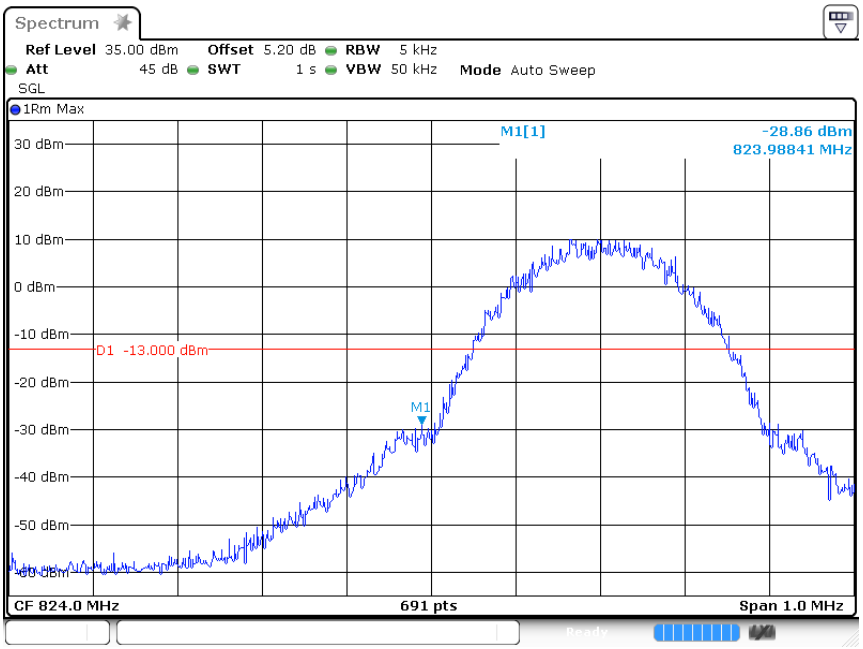

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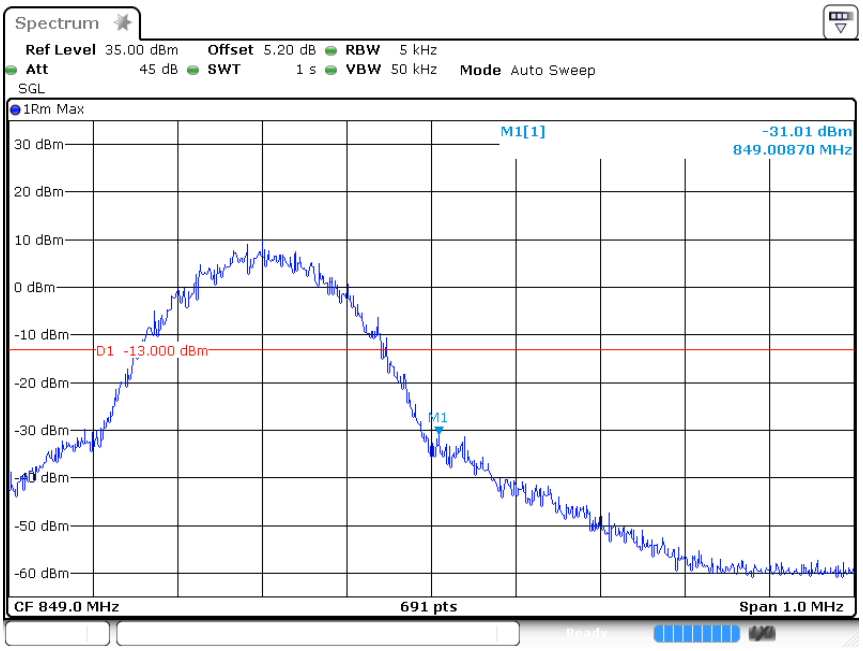

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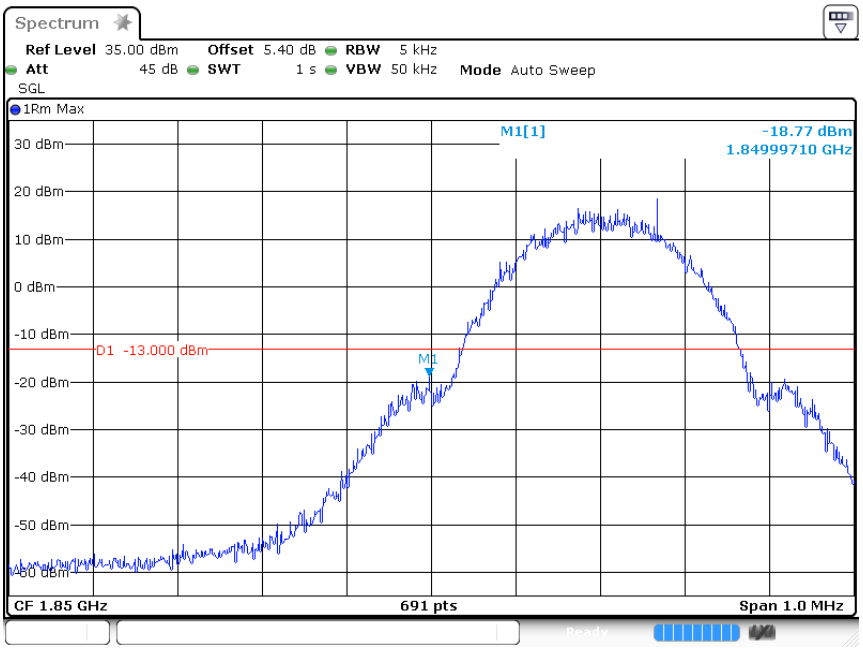

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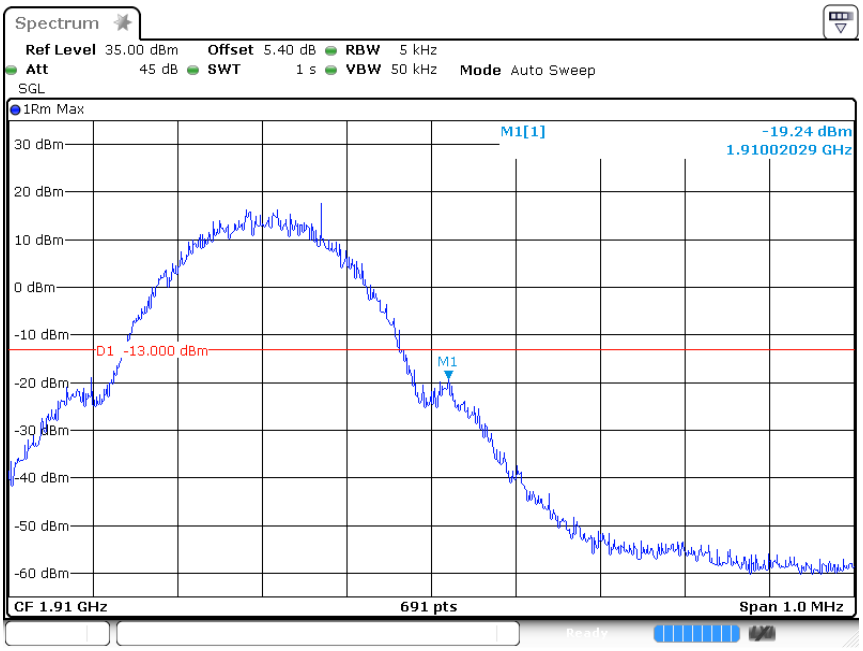
GSM1900_810



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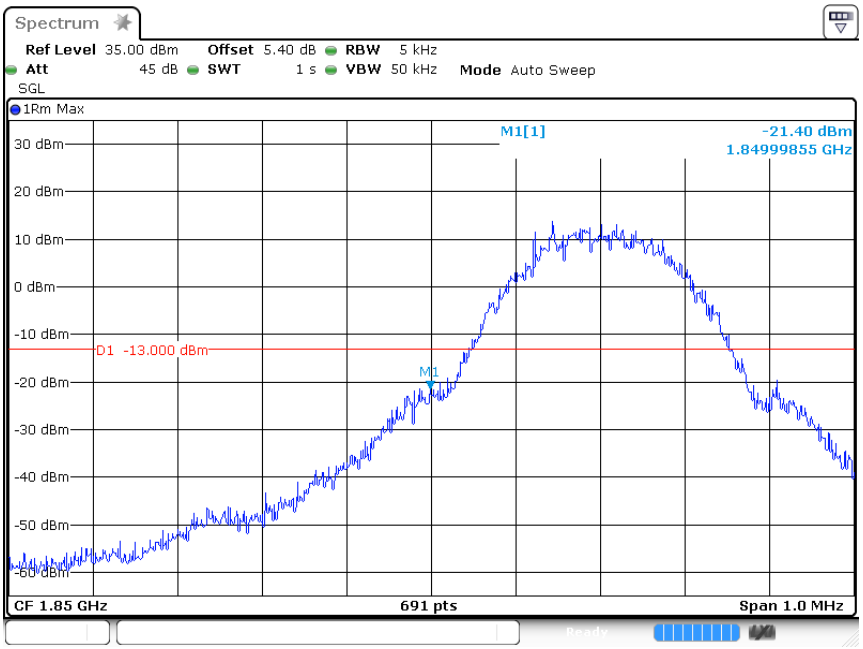

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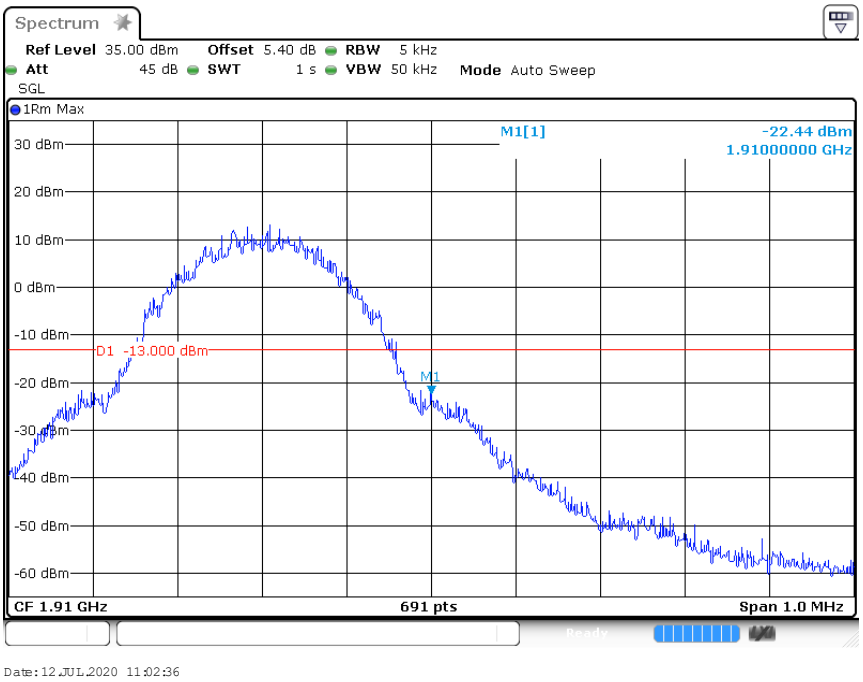

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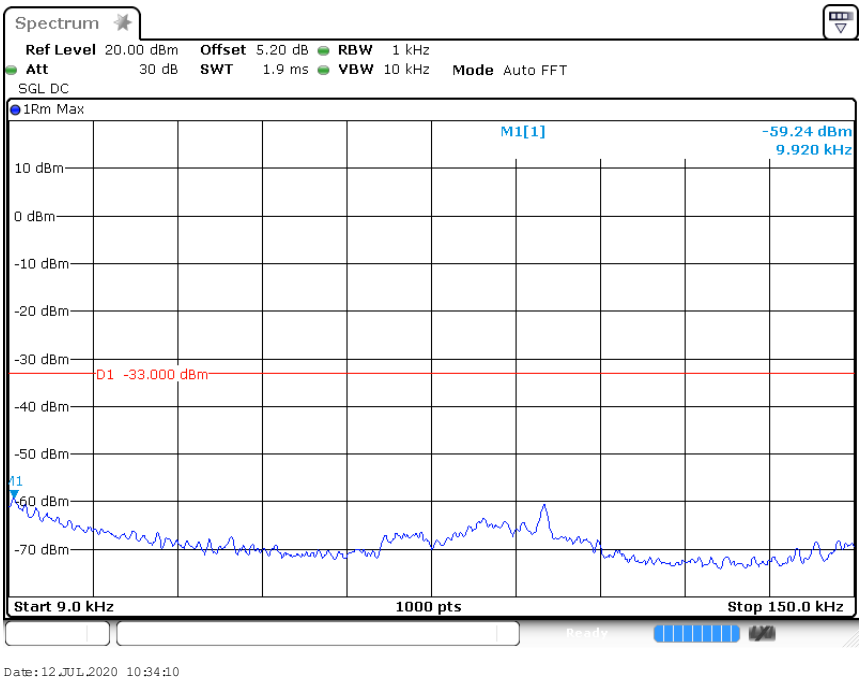
6. Spurious Emission at Antenna Terminal

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 * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

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

6.1. Test Plots

GSM850_128



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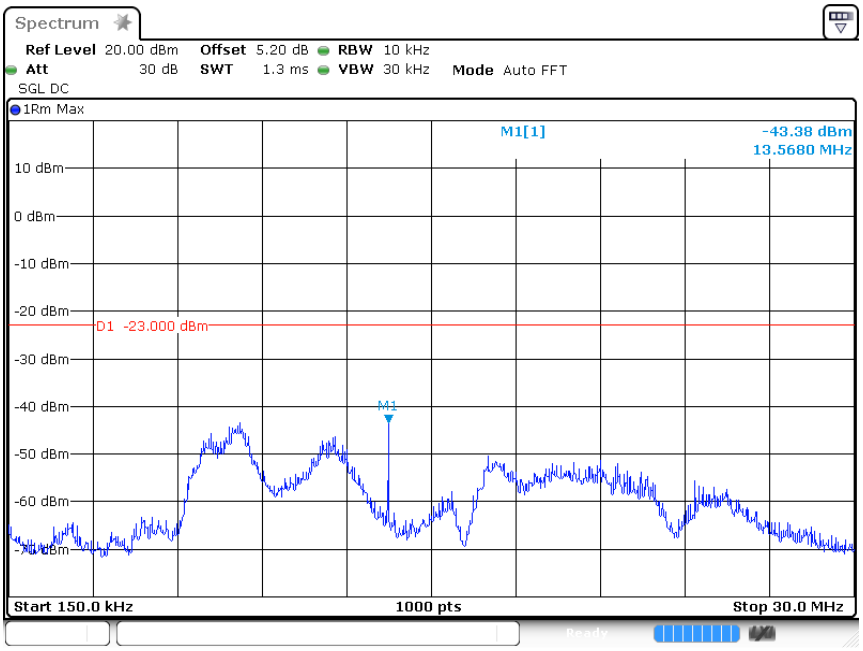

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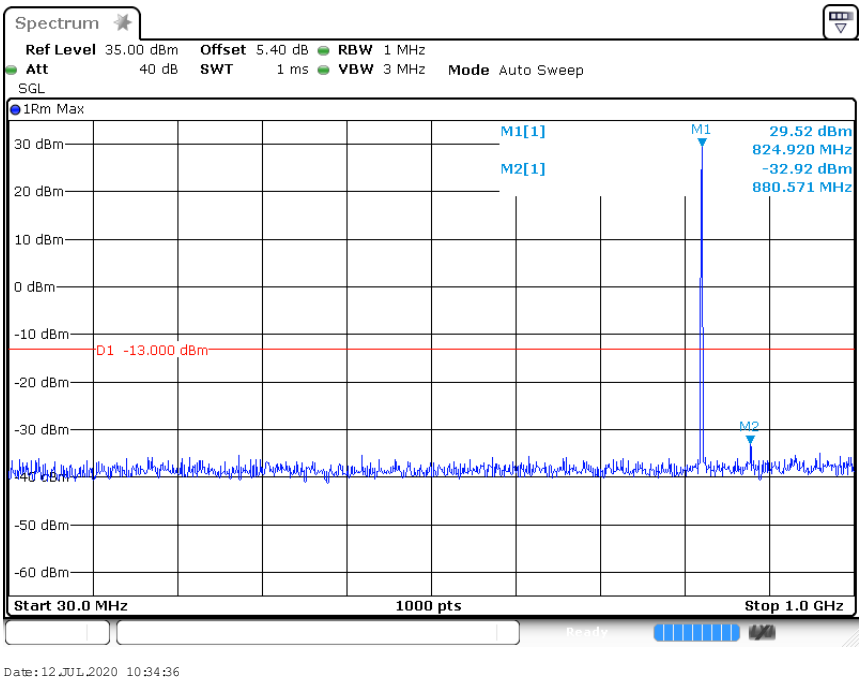

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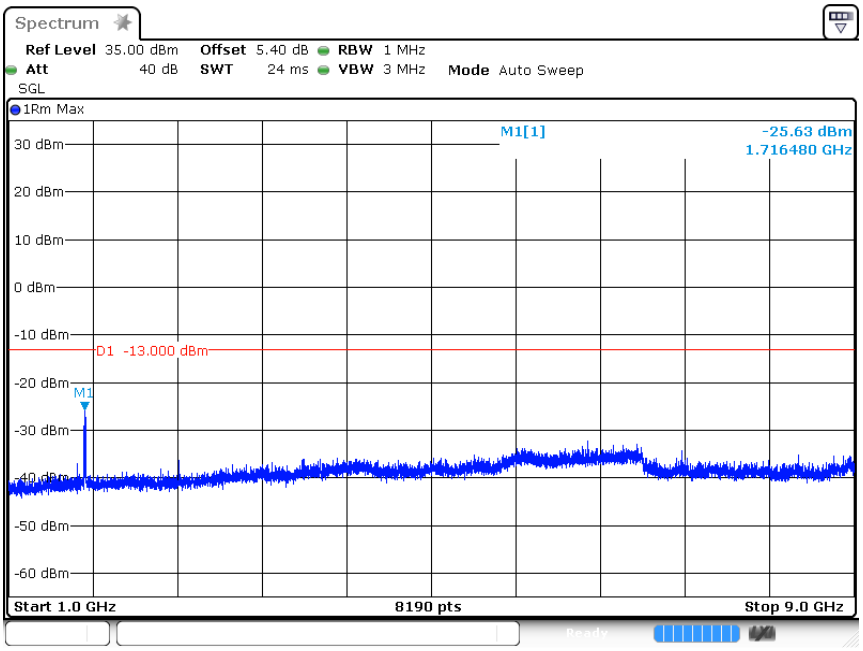

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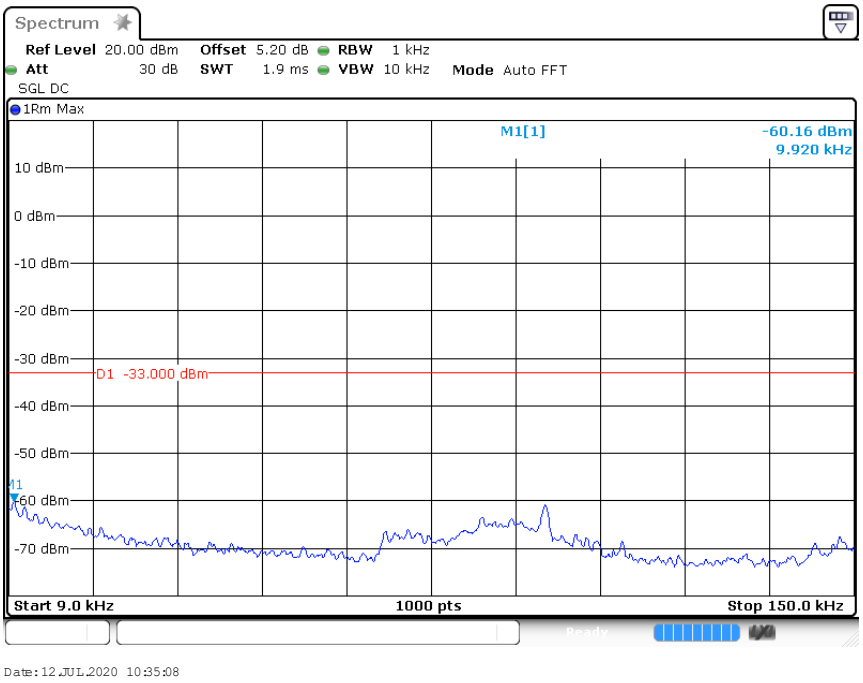

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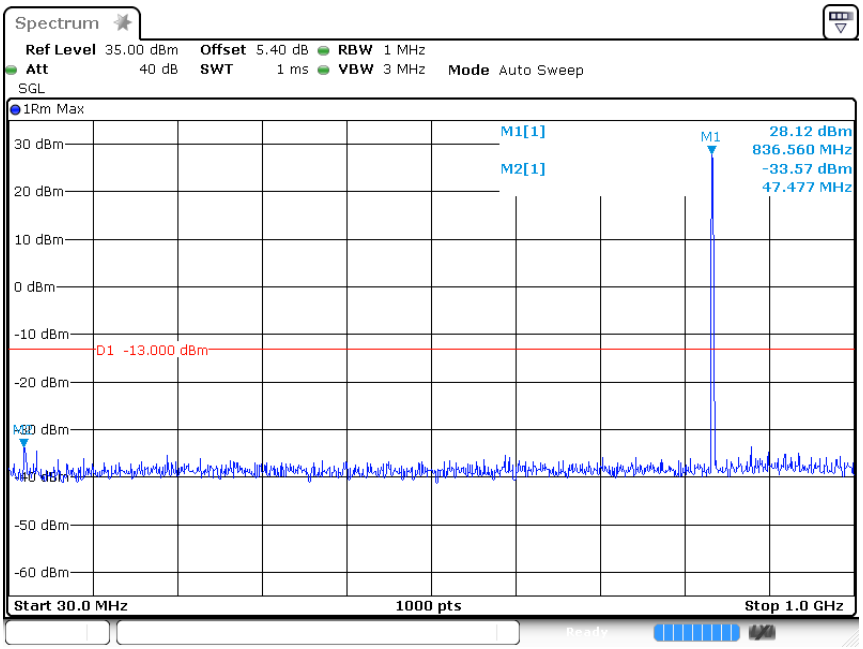

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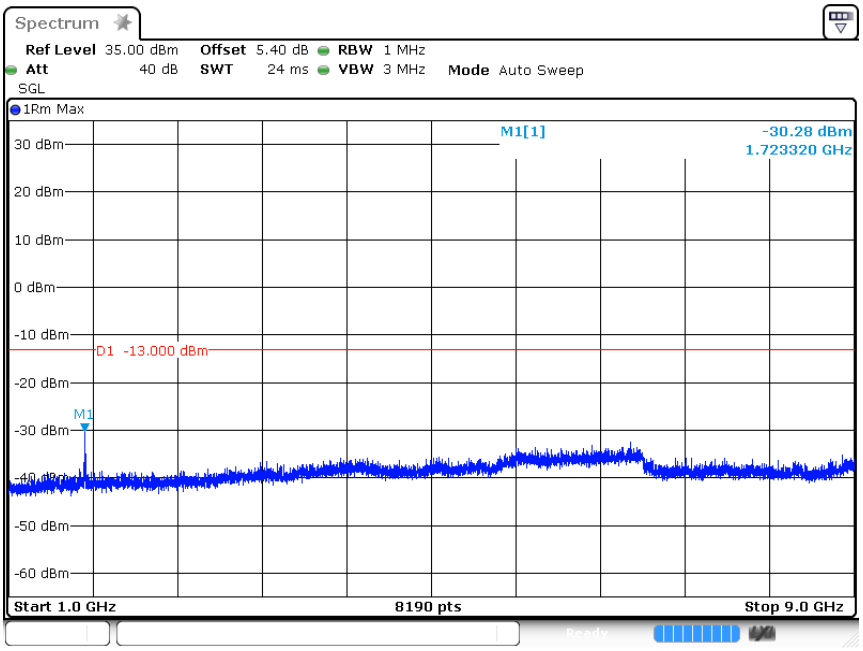

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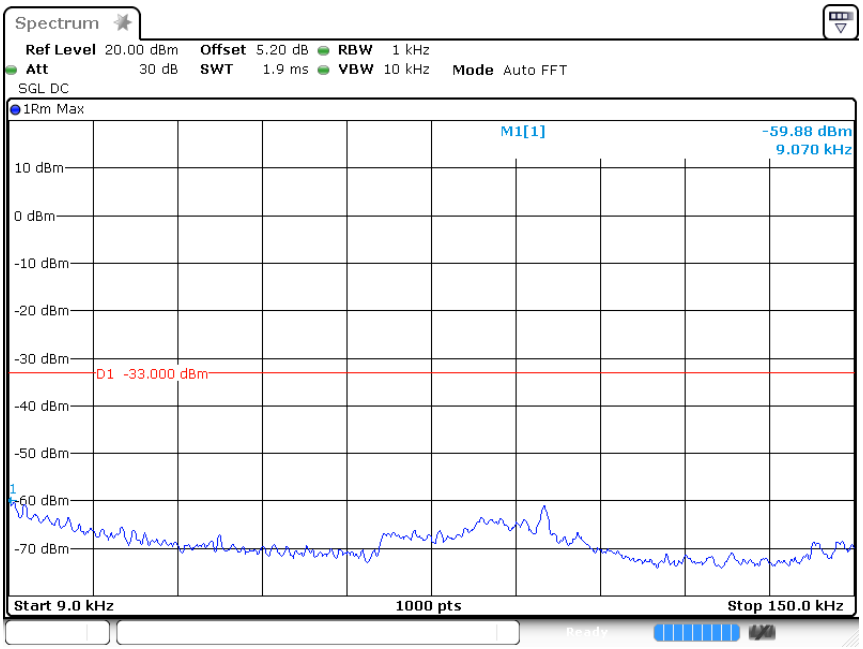

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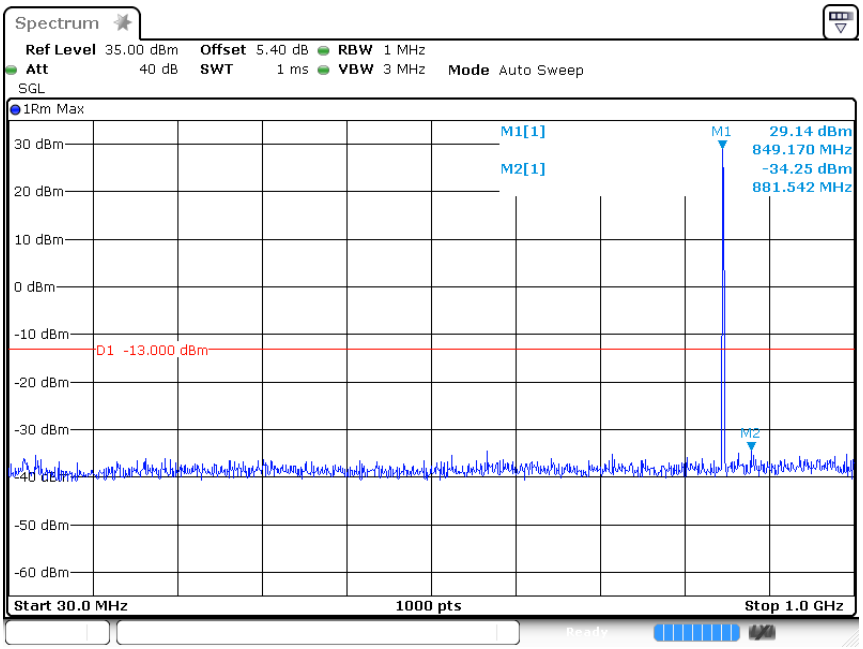

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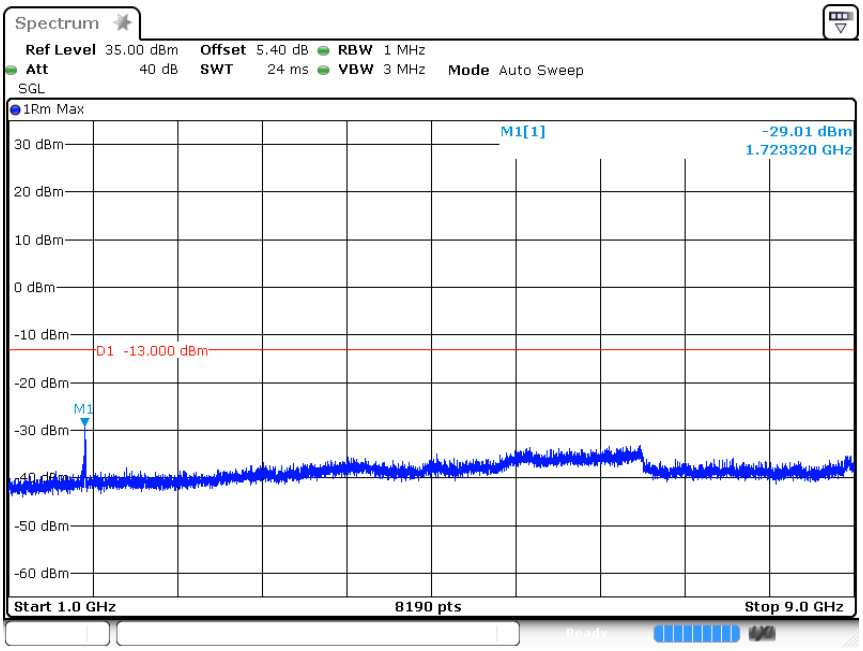

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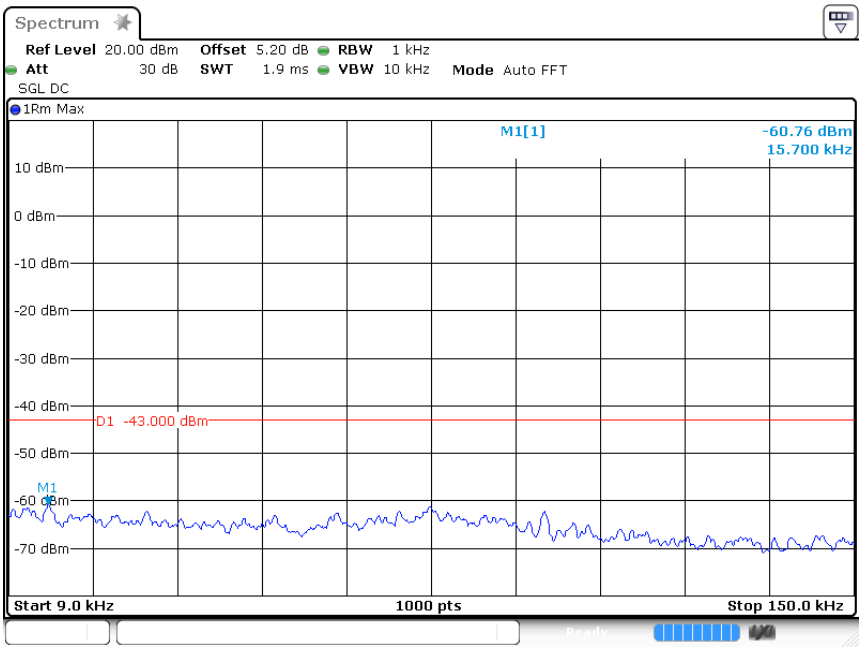

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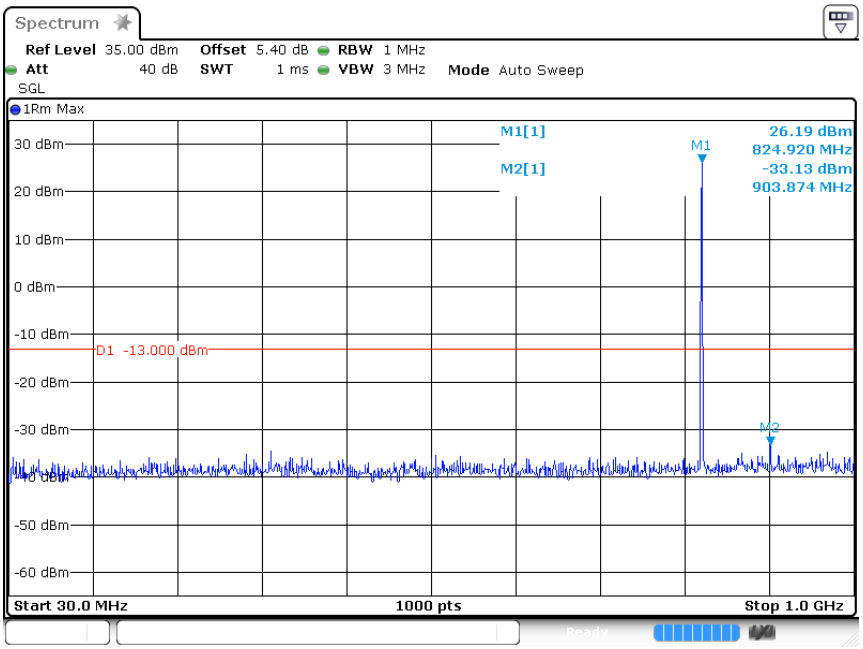

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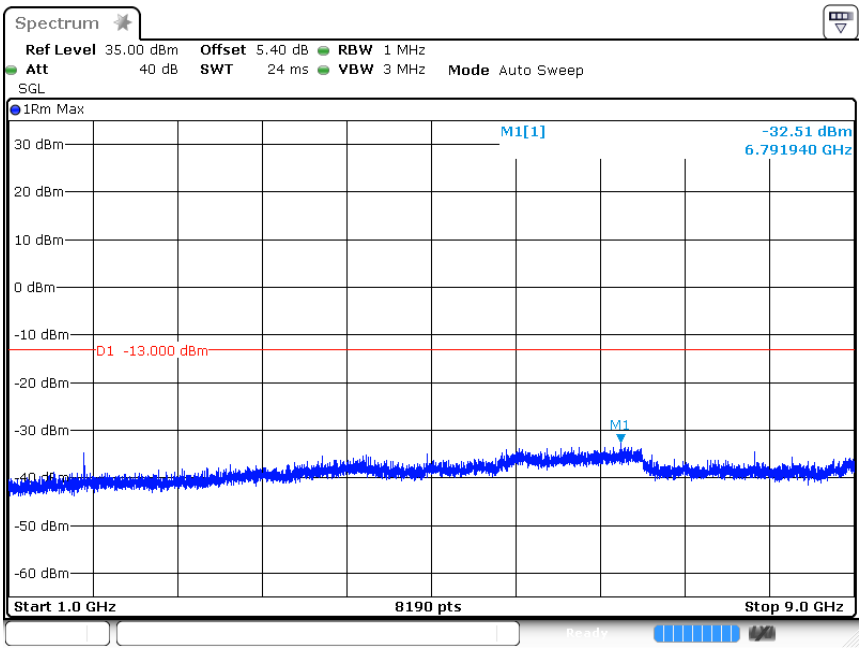

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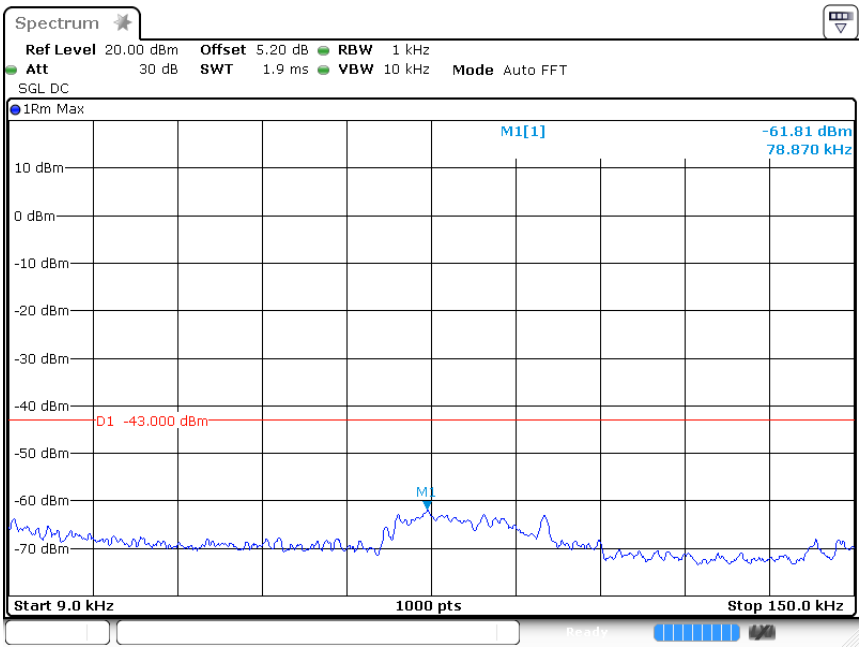

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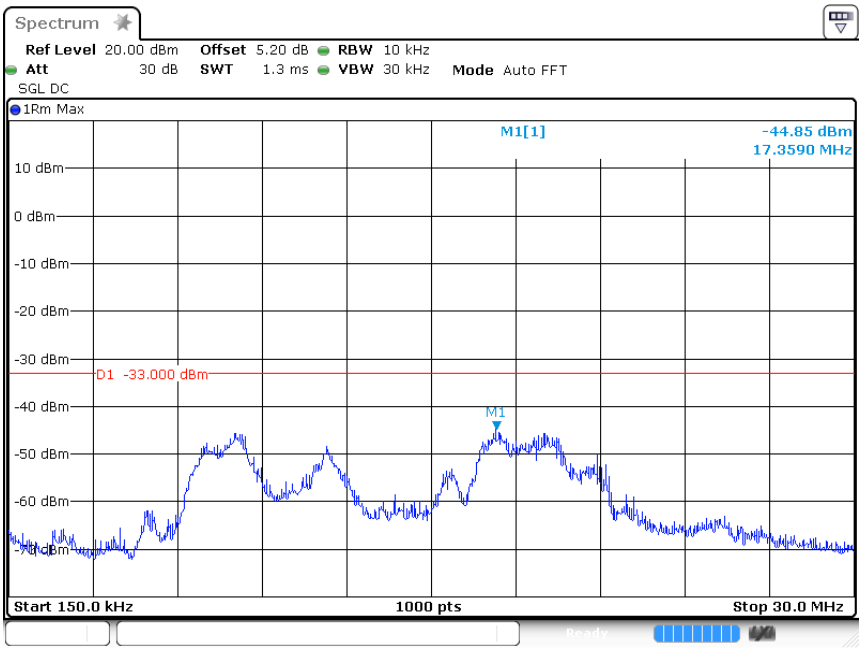

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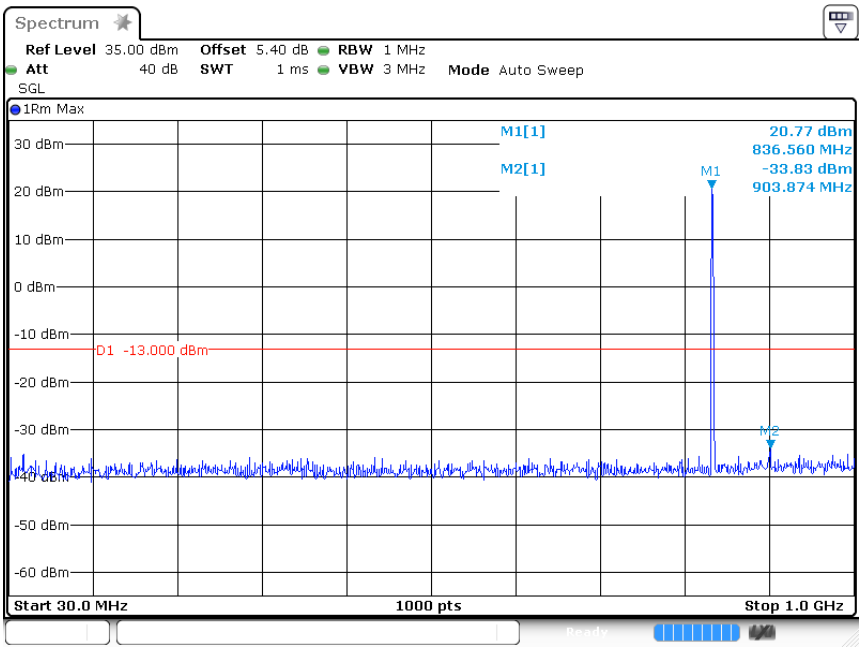

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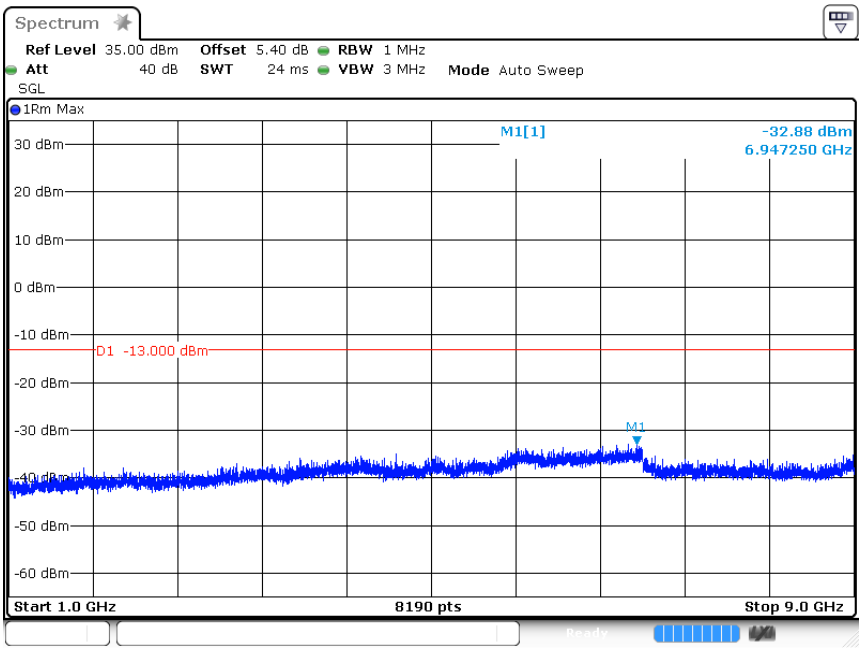

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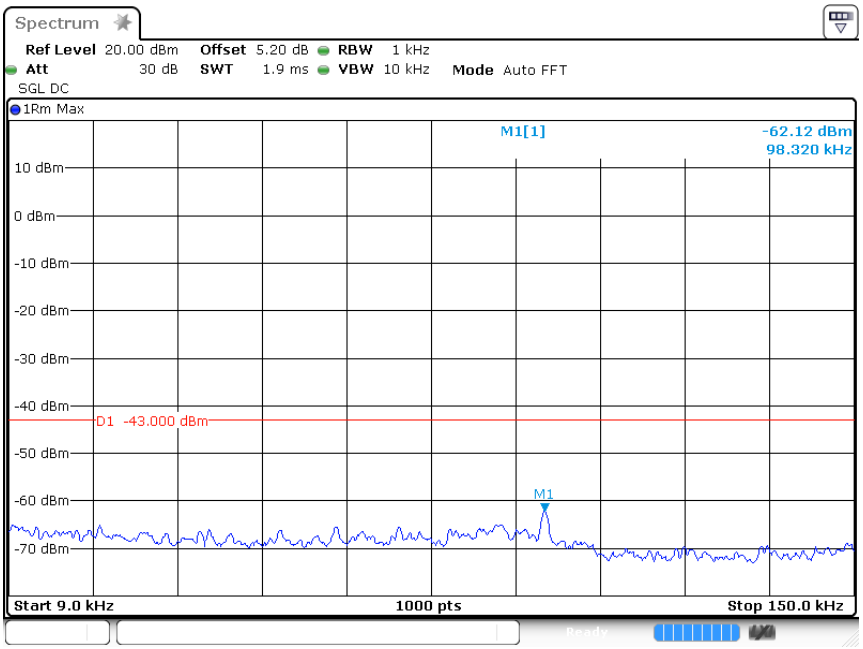

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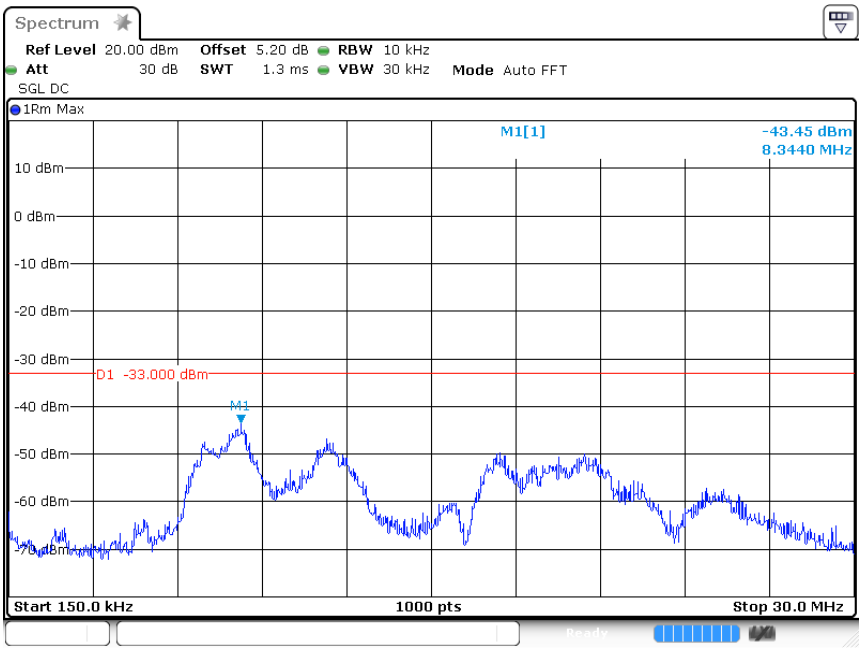

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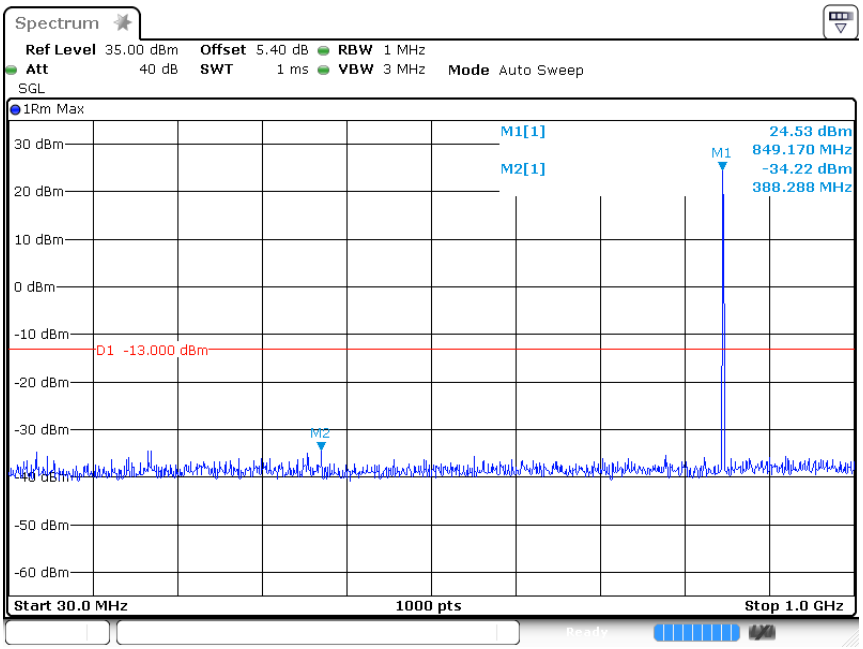

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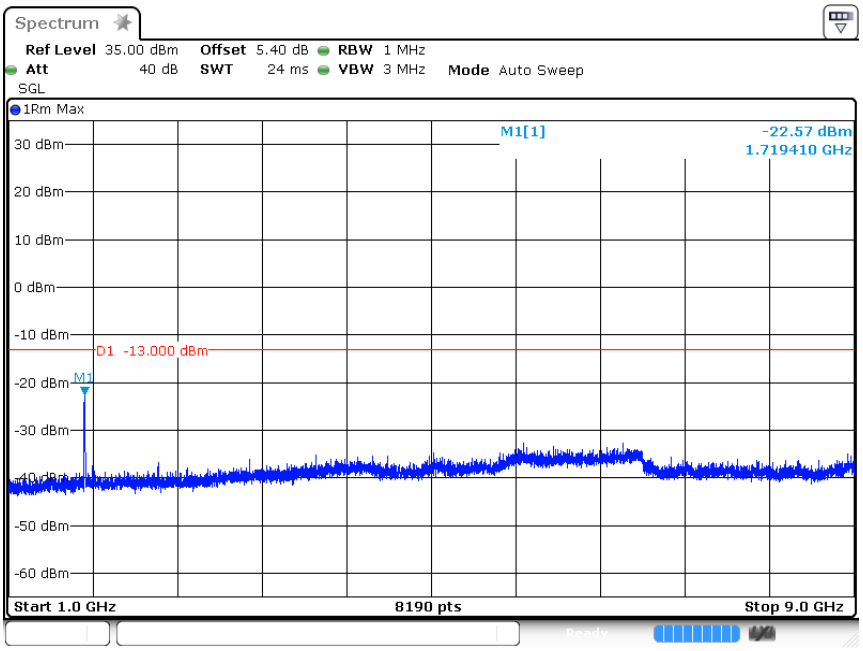

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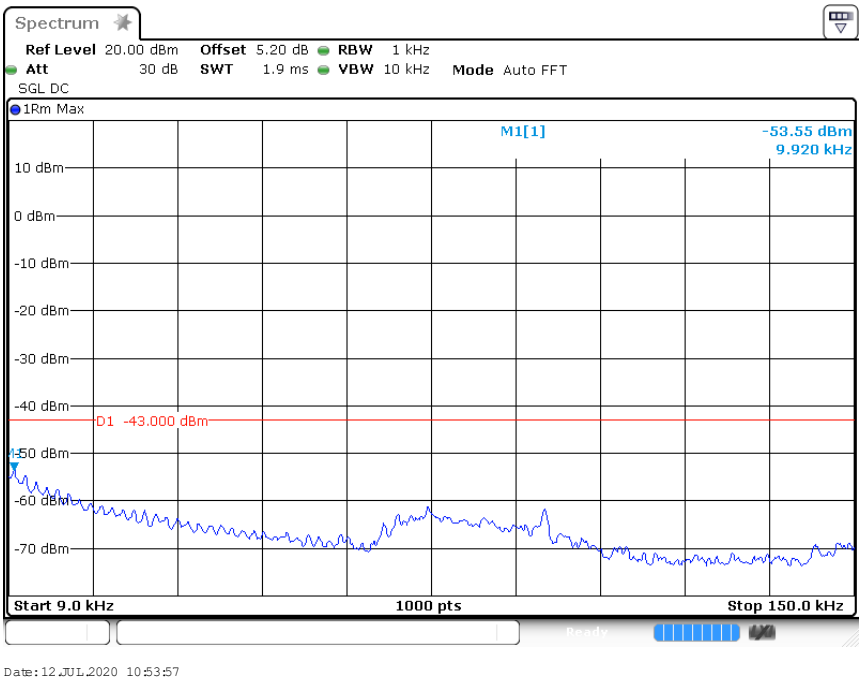

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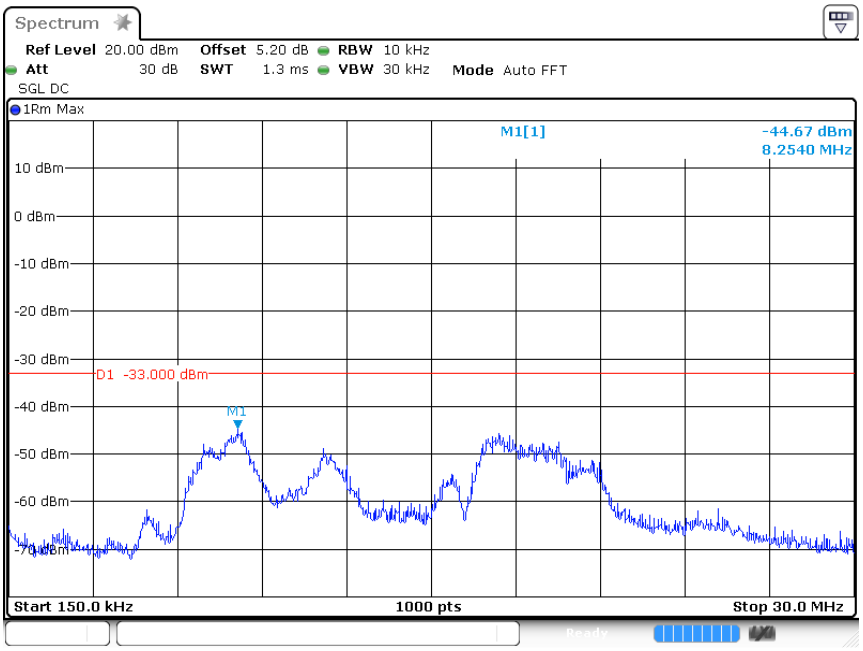

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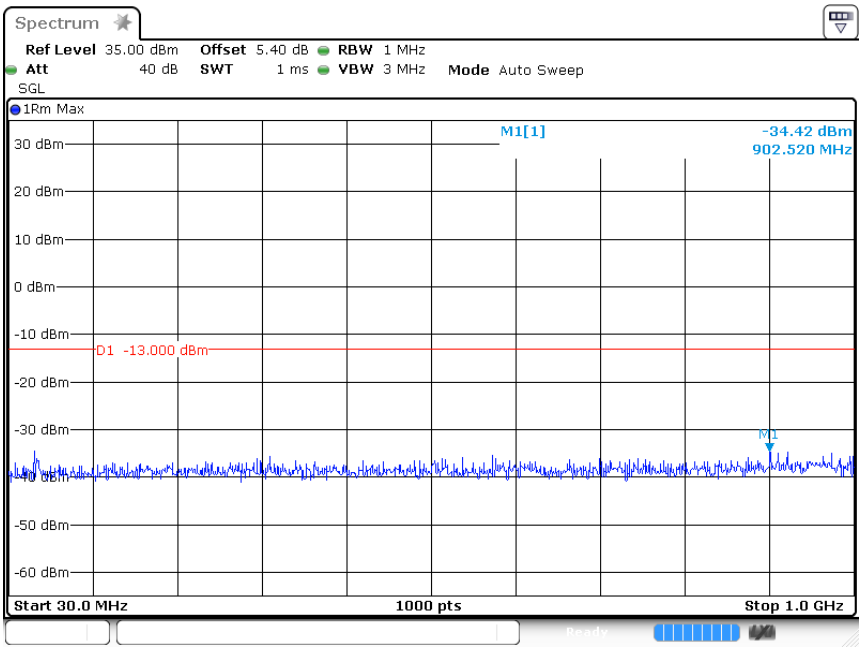

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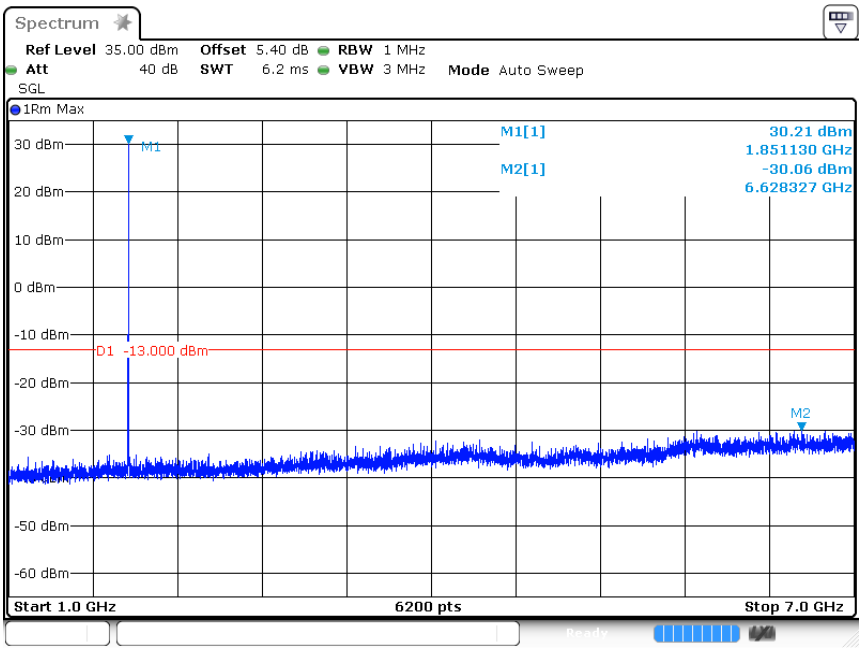

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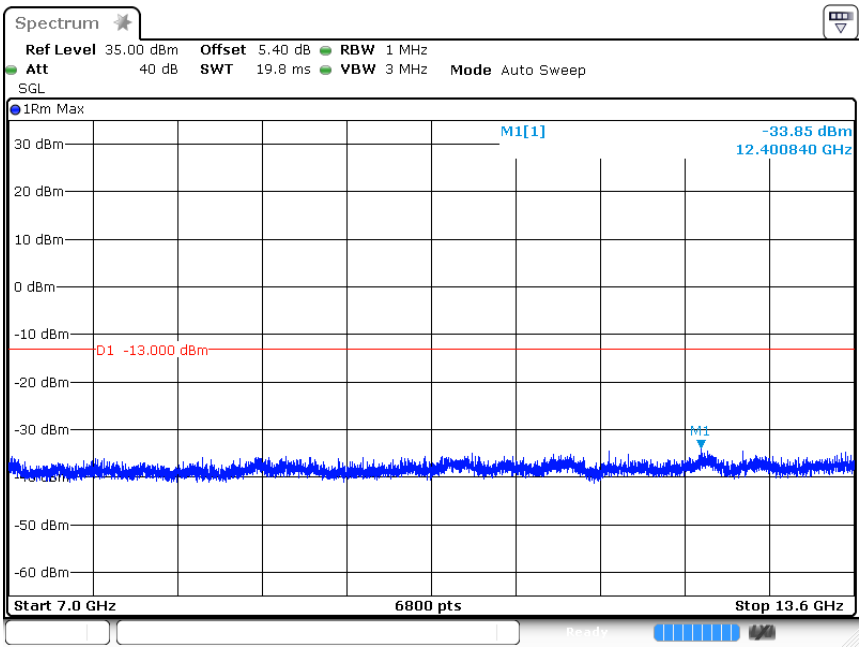

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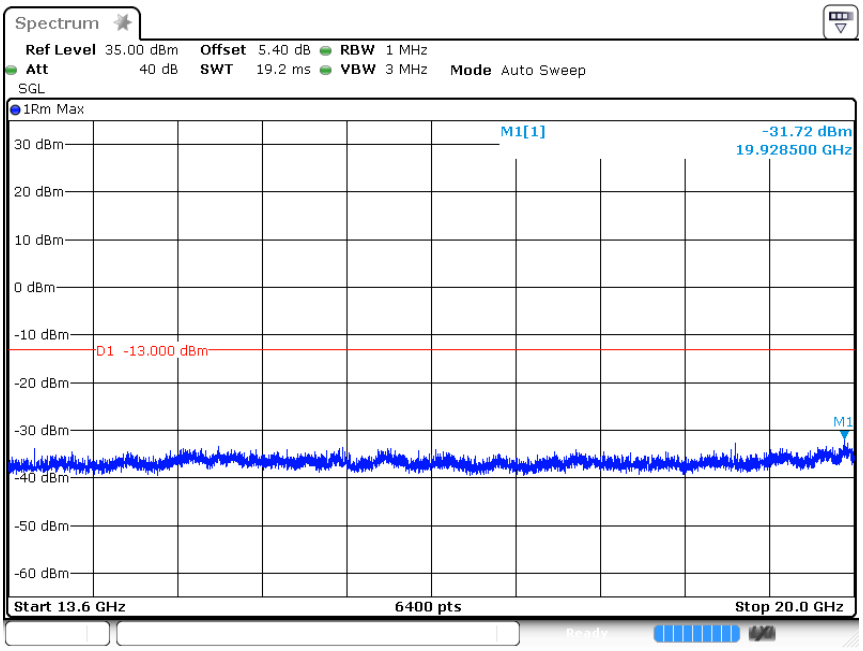

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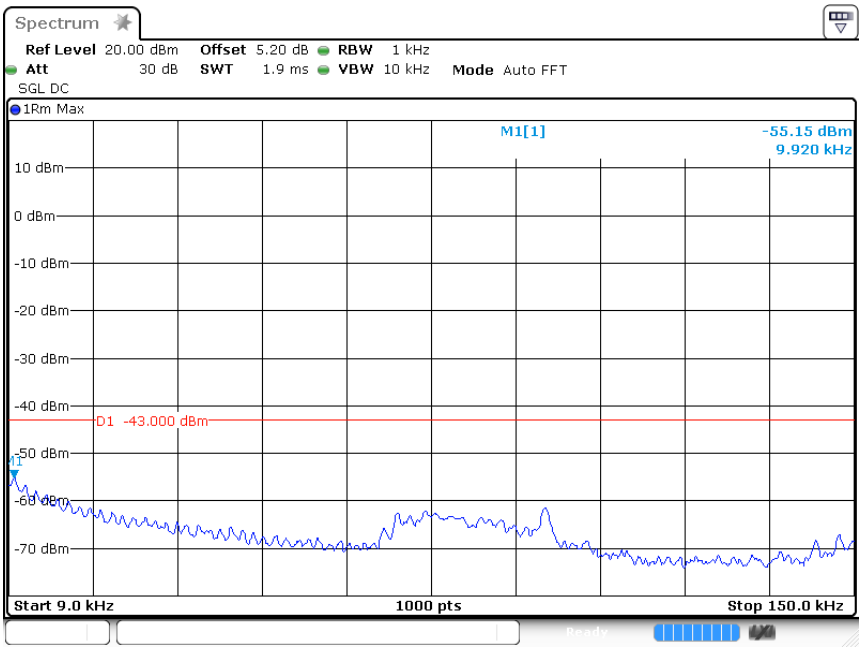

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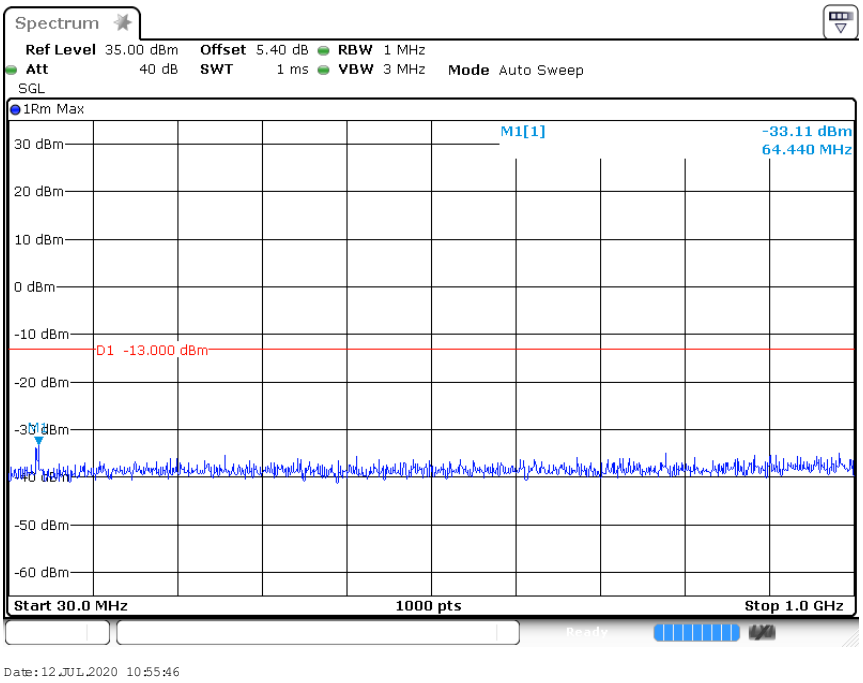

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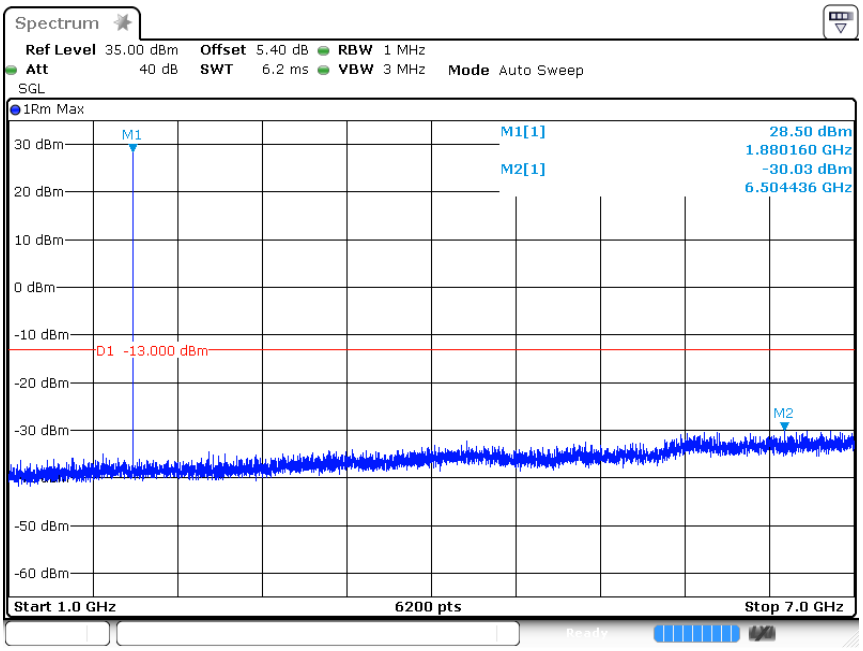

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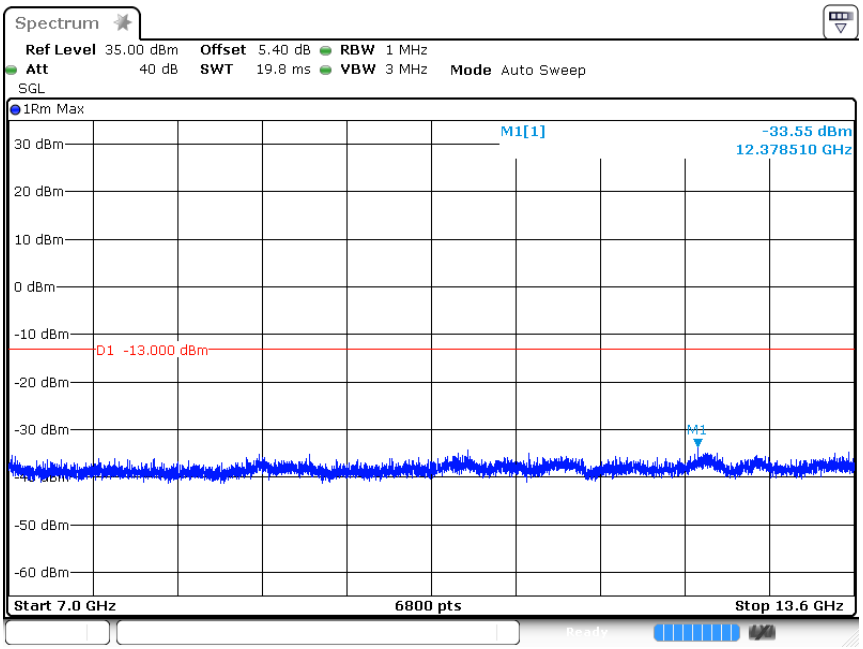

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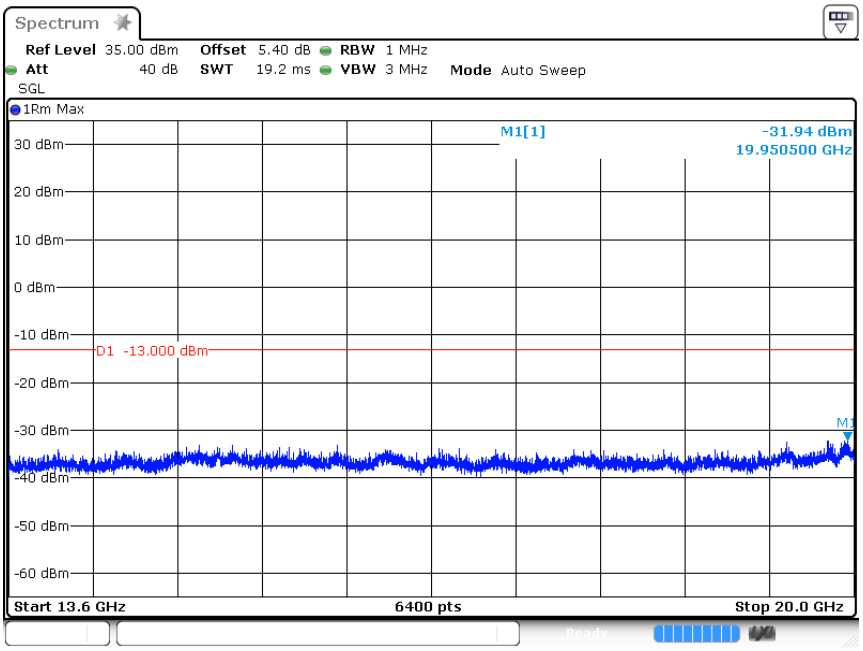

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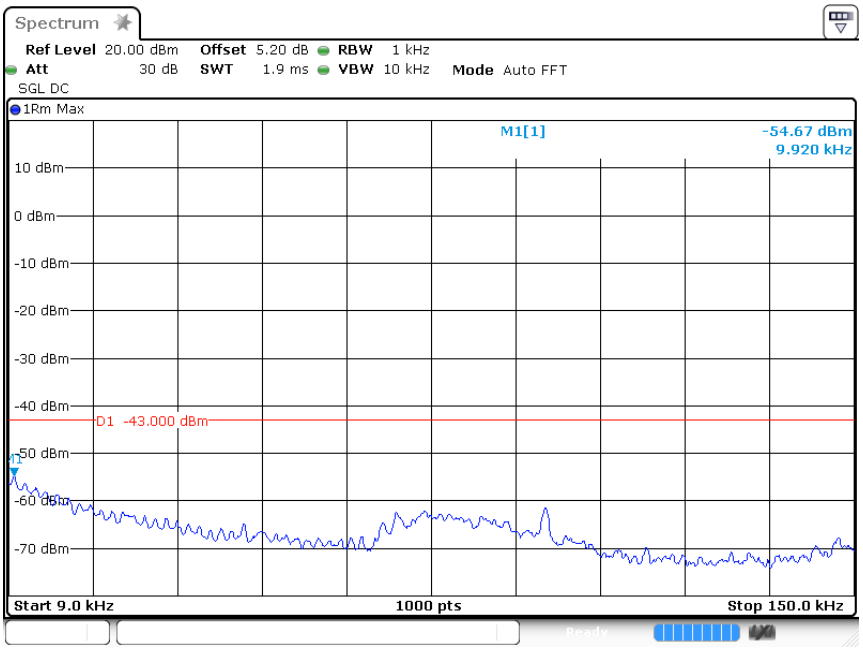

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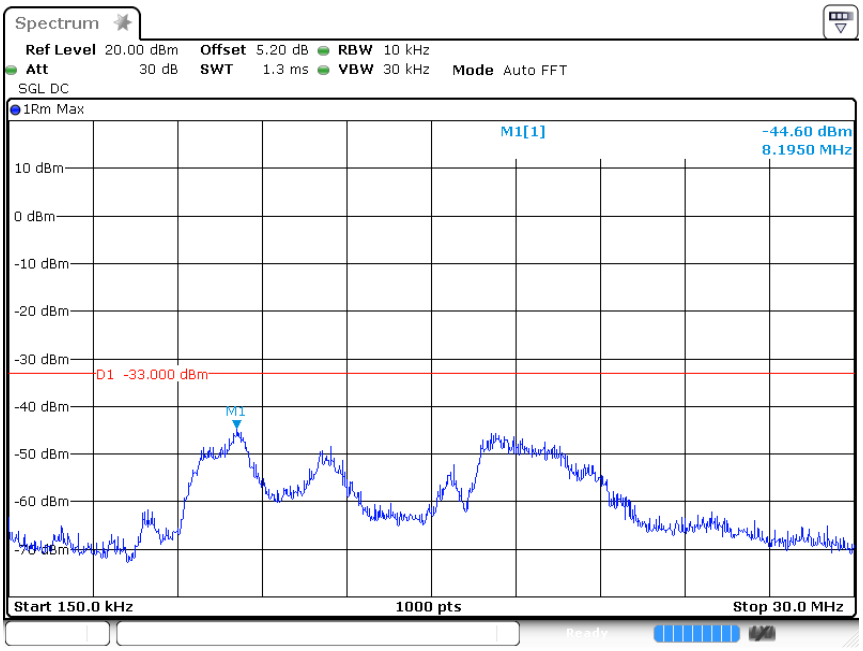

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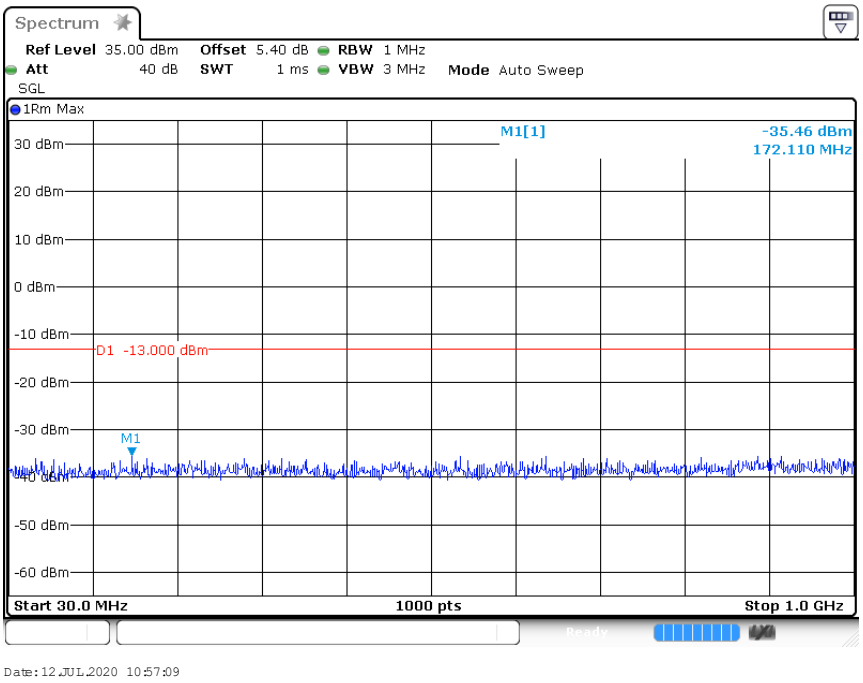

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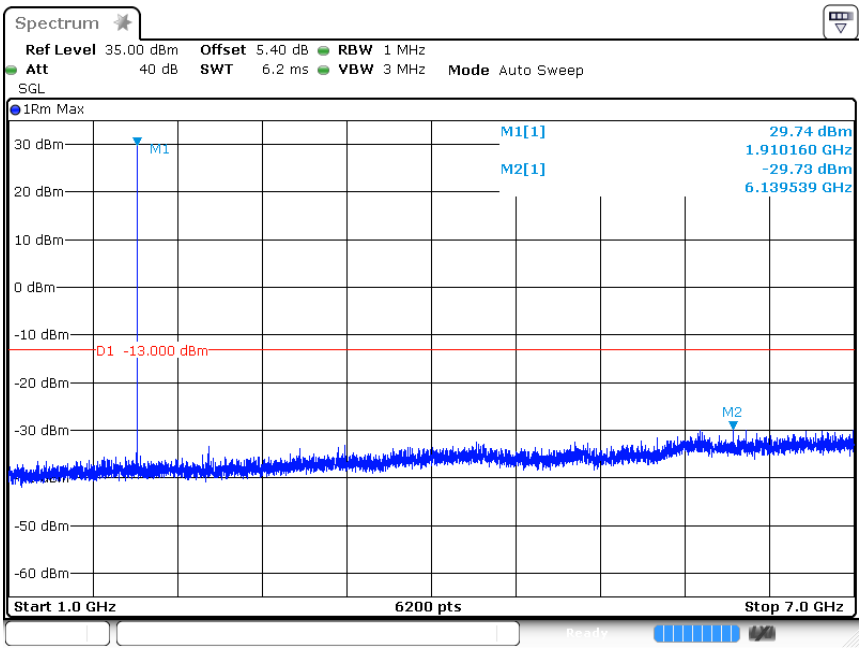

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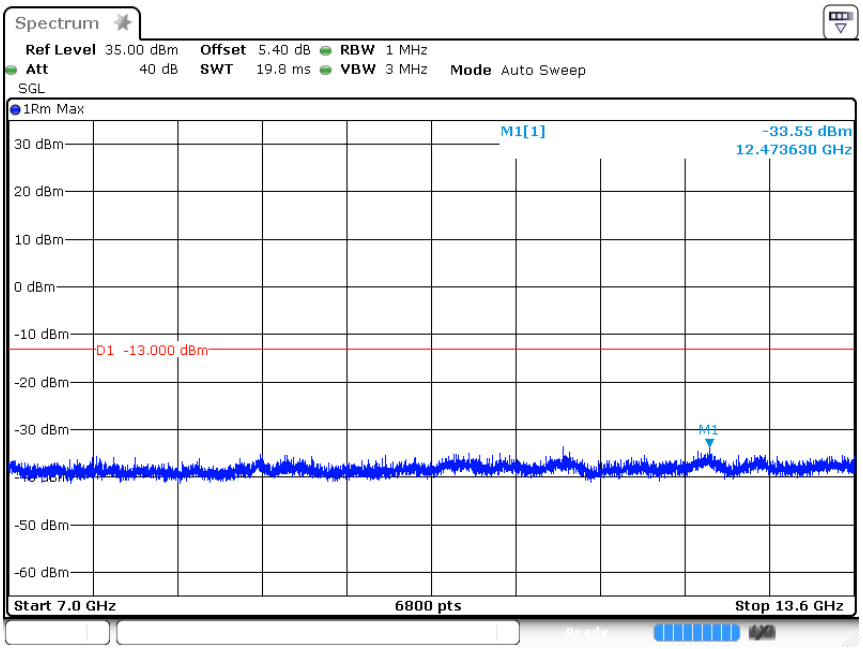

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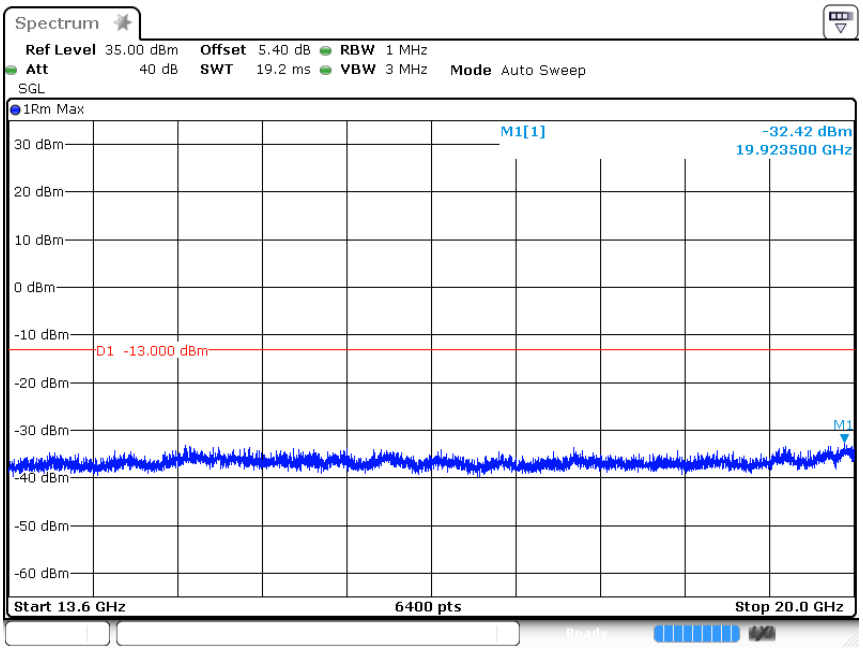

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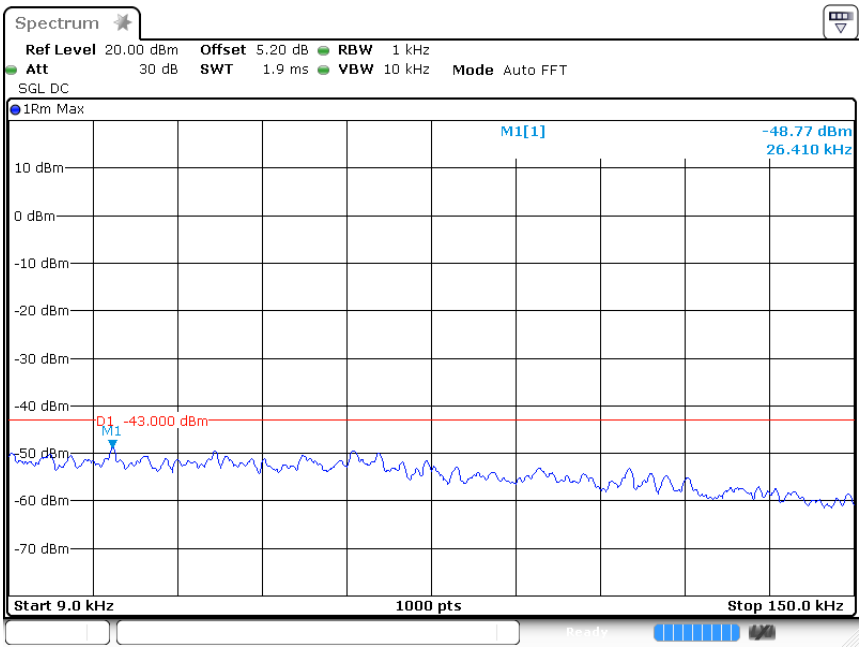

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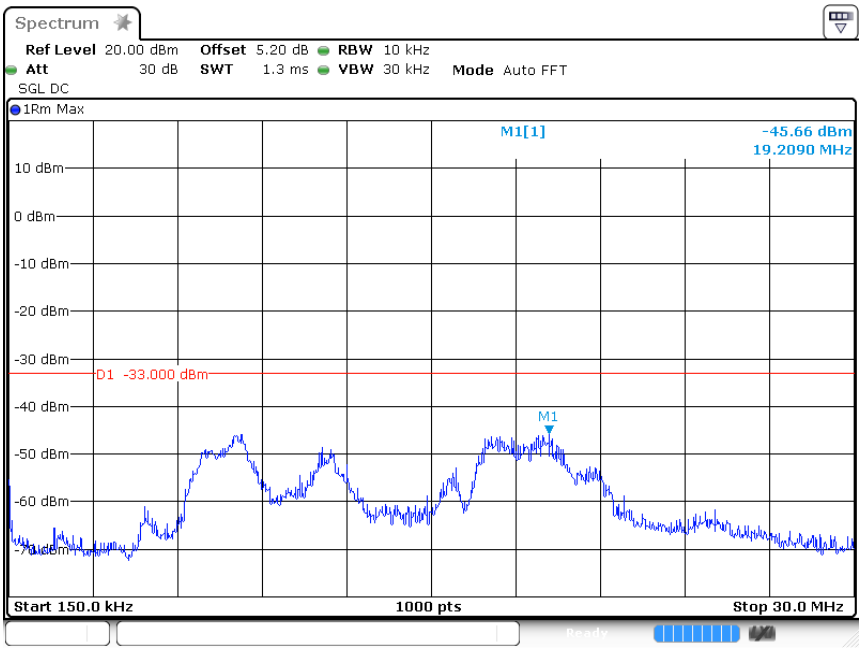

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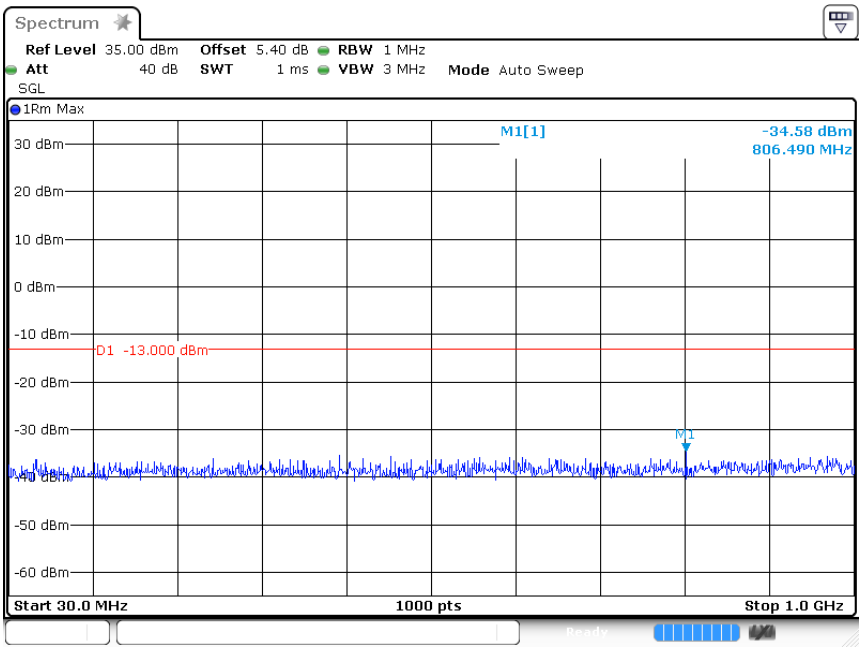

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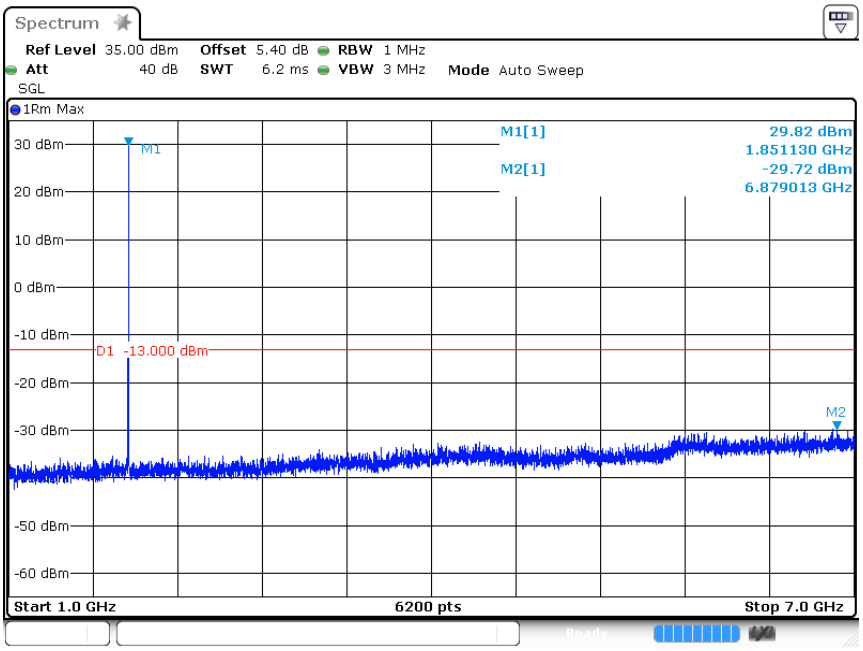

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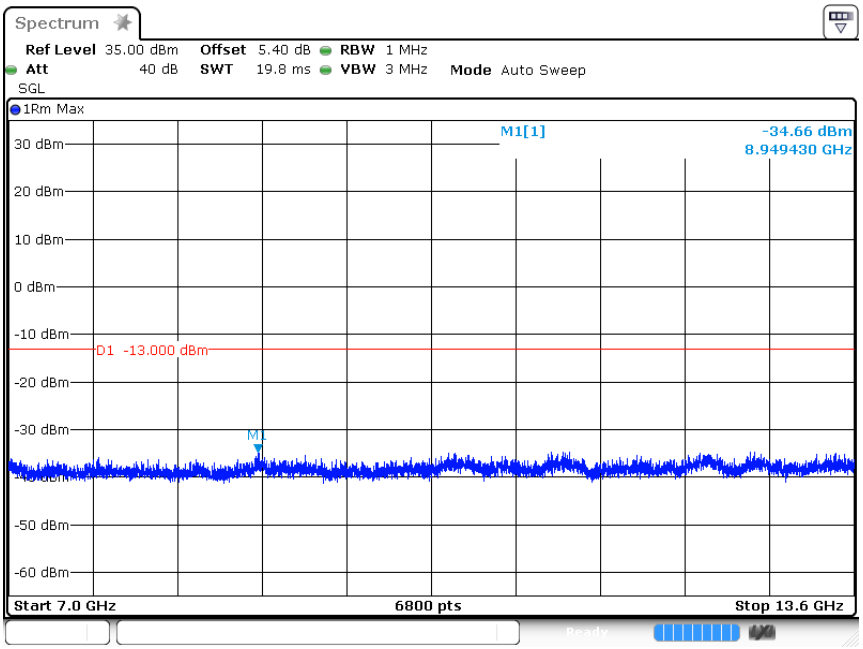

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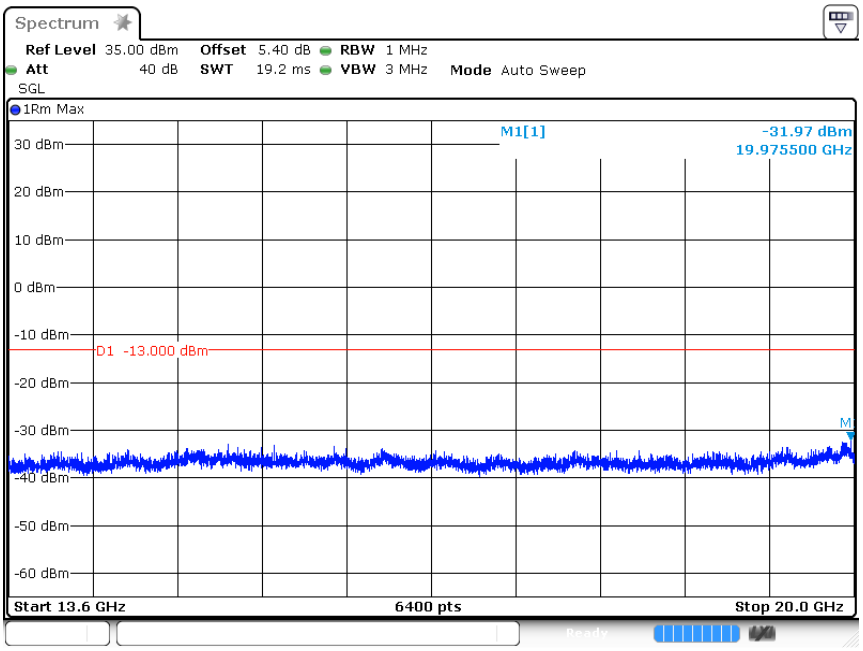

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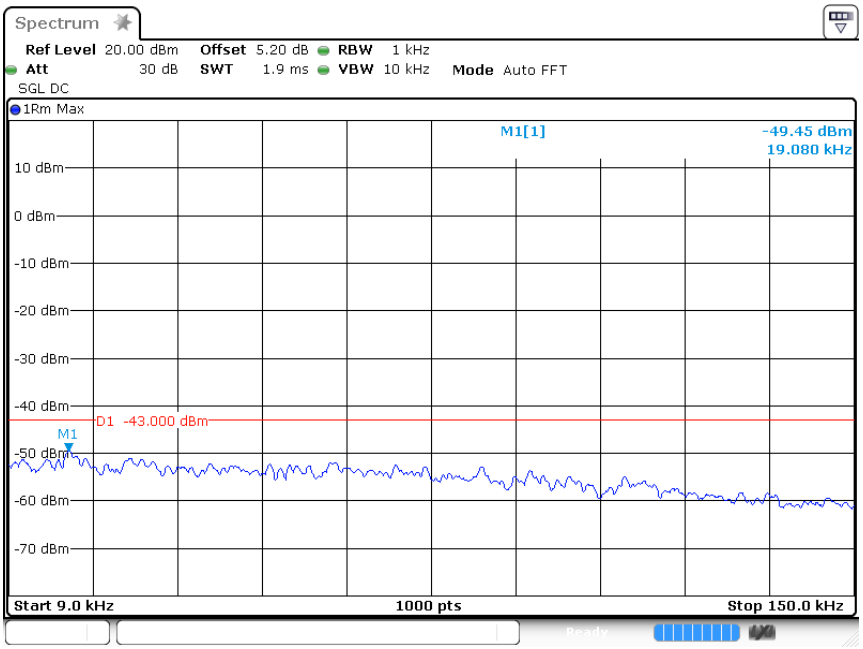

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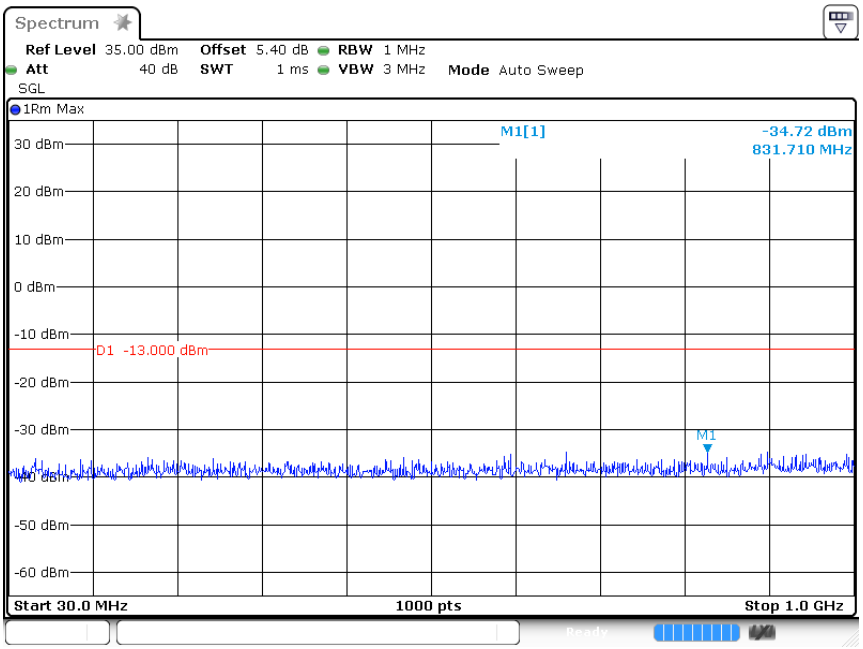

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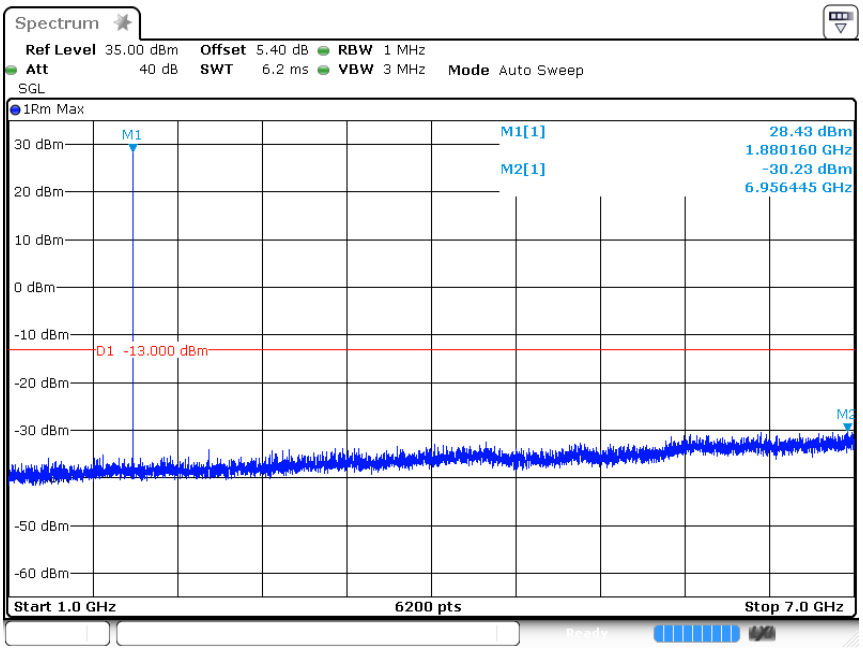

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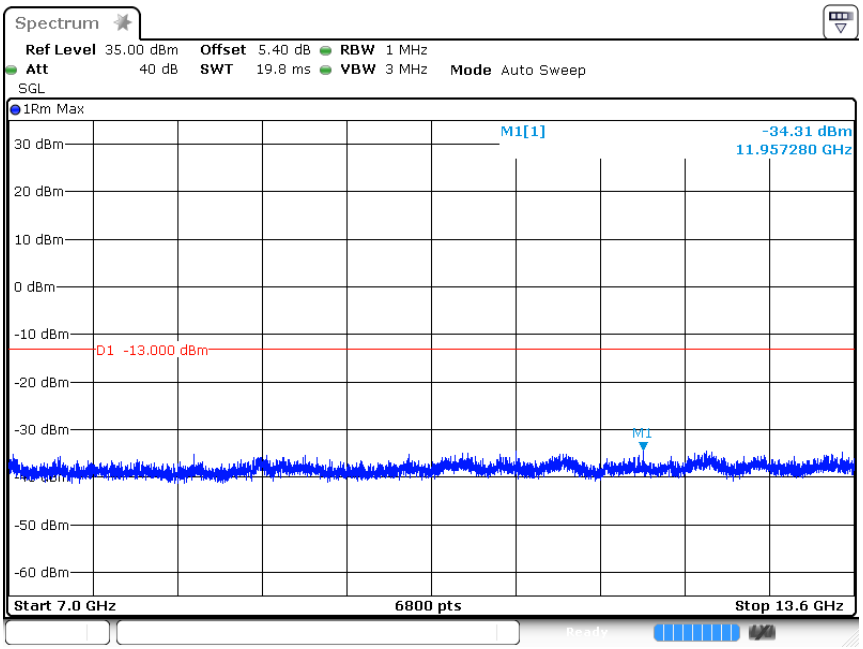

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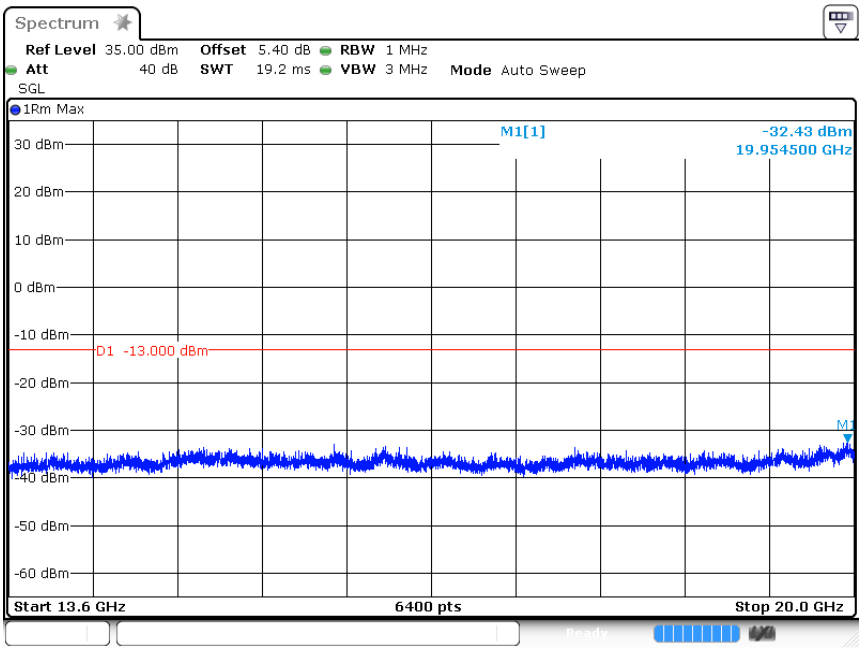

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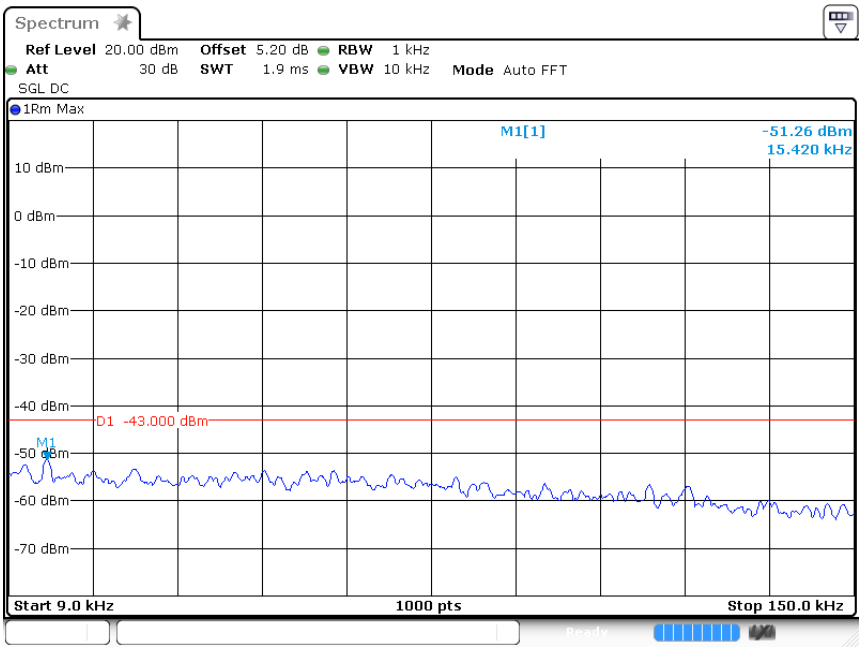

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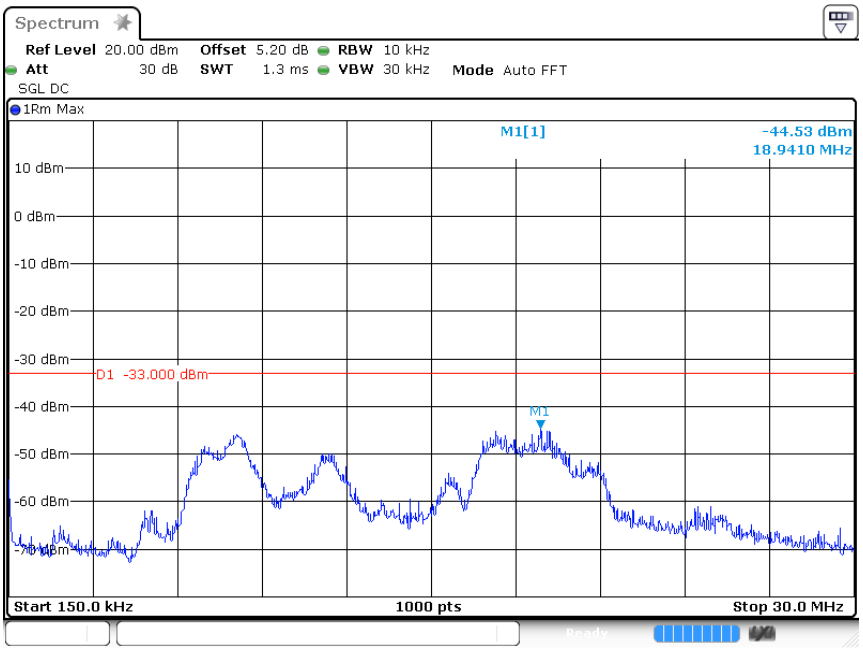

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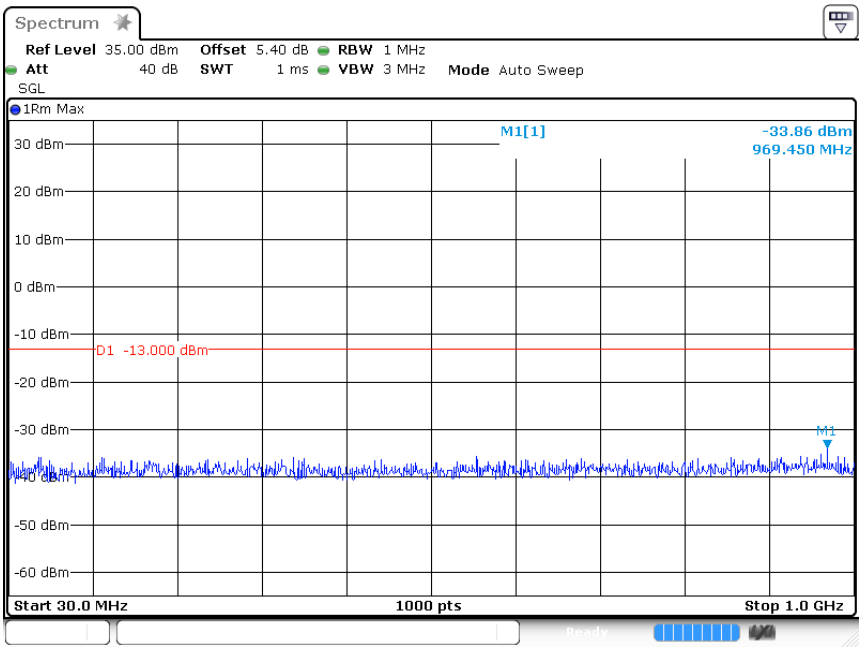

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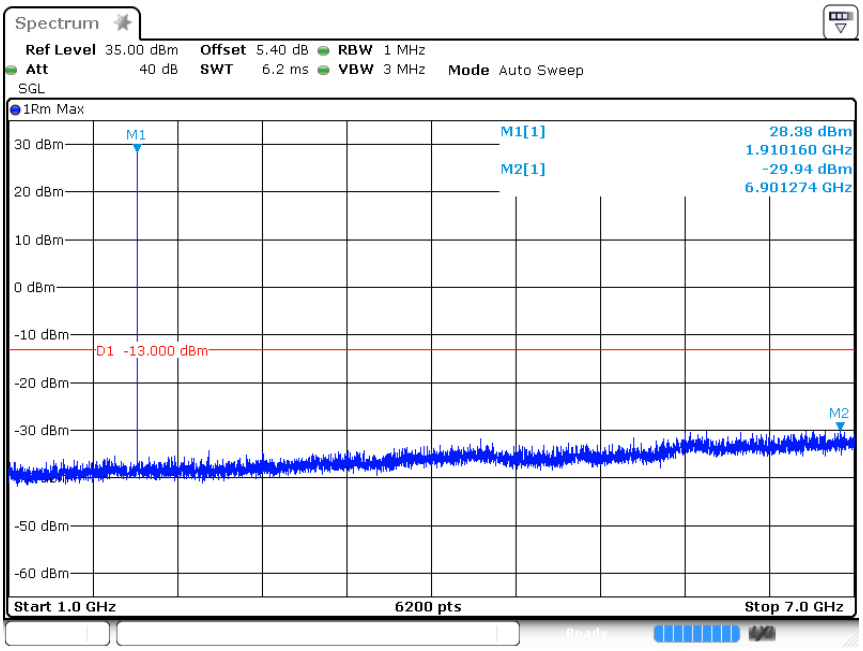

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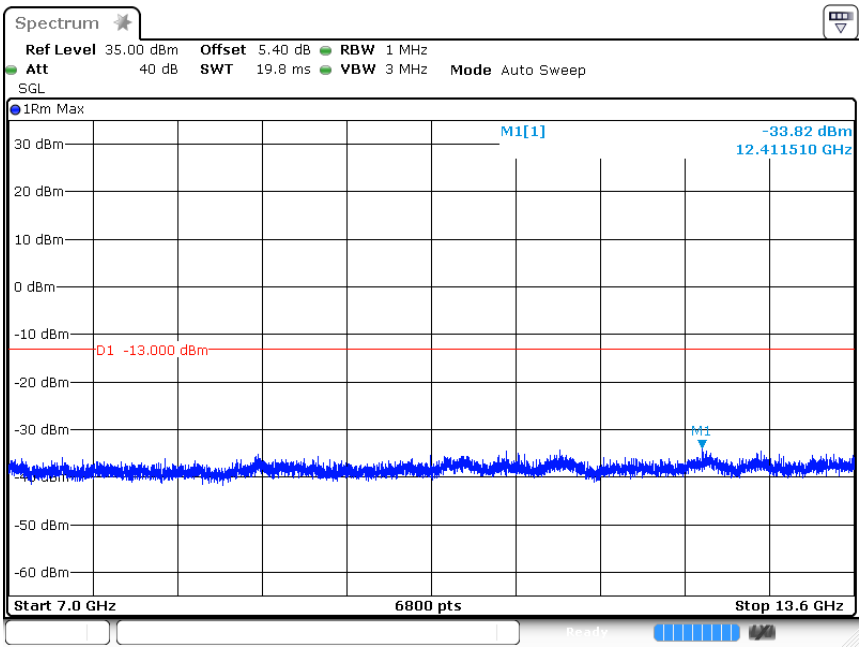

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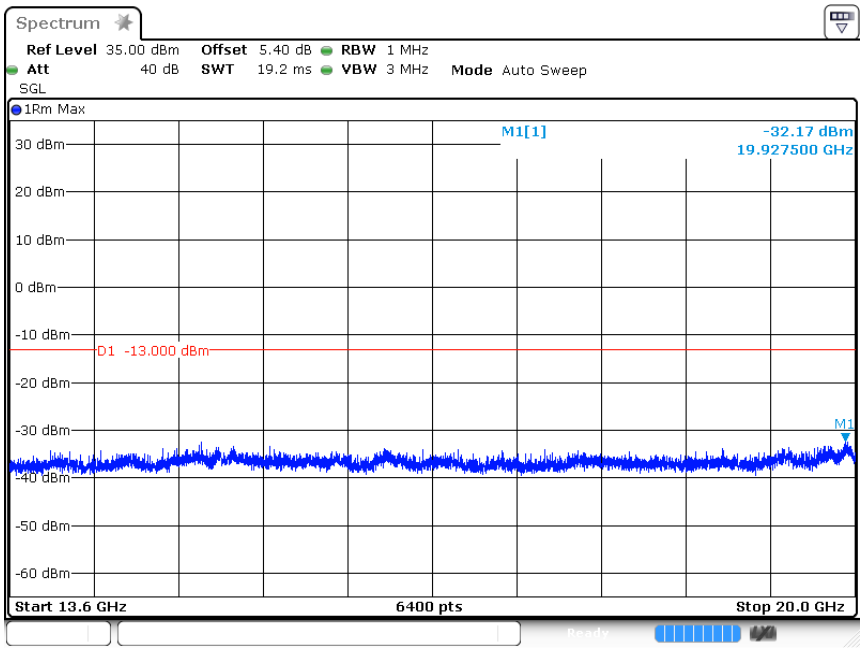

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7. Field Strength of Spurious Radiation

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
50.2740	-72.34	-13.00	59.34	265	289	Vertical
108.7679	-64.91	-13.00	51.91	274	162	Vertical
479.4720	-67.15	-13.00	54.15	259	352	Vertical
3700.5234	-51.61	-13.00	38.61	236	162	Vertical
7346.6449	-55.98	-13.00	42.98	221	162	Vertical
17996.9999	-40.21	-13.00	27.21	274	67	Vertical
47.6064	-63.98	-13.00	50.98	241	353	Horizontal
251.2196	-68.34	-13.00	55.34	259	67	Horizontal
582.2971	-64.17	-13.00	51.17	274	226	Horizontal
3700.5234	-47.43	-13.00	34.43	265	353	Horizontal
5550.5850	-58.17	-13.00	45.17	281	35	Horizontal
16407.4469	-43.33	-13.00	30.33	226	226	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
48.7219	-72.04	-13.00	59.04	222	258	Vertical
115.6068	-64.74	-13.00	51.74	271	35	Vertical
314.6607	-68.18	-13.00	55.18	265	353	Vertical
3760.0253	-50.44	-13.00	37.44	281	194	Vertical
5640.0880	-58.54	-13.00	45.54	263	162	Vertical
17996.9999	-39.90	-13.00	26.90	281	353	Vertical
44.7932	-64.00	-13.00	51.00	187	353	Horizontal
245.8843	-68.08	-13.00	55.08	165	67	Horizontal
636.9108	-63.81	-13.00	50.81	174	162	Horizontal
3760.0253	-46.76	-13.00	33.76	195	67	Horizontal
5640.0880	-52.97	-13.00	39.97	178	35	Horizontal
16406.9469	-43.87	-13.00	30.87	132	353	Horizontal

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7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.2555	-72.51	-13.00	59.51	254	67	Vertical
108.4284	-65.21	-13.00	52.21	274	67	Vertical
398.1334	-67.52	-13.00	54.52	251	131	Vertical
3819.5273	-46.37	-13.00	33.37	263	258	Vertical
5729.5910	-54.29	-13.00	41.29	281	226	Vertical
17991.9997	-39.35	-13.00	26.35	247	35	Vertical
42.4166	-63.89	-13.00	50.89	178	194	Horizontal
240.0155	-67.38	-13.00	54.38	162	162	Horizontal
532.3396	-65.28	-13.00	52.28	184	35	Horizontal
3819.5273	-46.56	-13.00	33.56	162	194	Horizontal
5729.5910	-53.66	-13.00	40.66	287	352	Horizontal
16389.9463	-43.84	-13.00	30.84	263	352	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
53.2327	-71.90	-13.00	58.90	241	35	Vertical
110.6110	-63.51	-13.00	50.51	258	162	Vertical
373.8822	-66.92	-13.00	53.92	254	194	Vertical
1648.5297	-40.84	-13.00	27.84	263	150	Vertical
2479.8960	-57.10	-13.00	44.10	274	318	Vertical
3296.5099	-60.39	-13.00	47.39	259	162	Vertical
42.1256	-63.23	-13.00	50.23	184	353	Horizontal
101.7351	-74.45	-13.00	61.45	189	226	Horizontal
235.8928	-67.22	-13.00	54.22	196	35	Horizontal
1648.5297	-39.81	-13.00	26.81	185	210	Horizontal
2472.6945	-49.01	-13.00	36.01	188	210	Horizontal
3297.0099	-56.14	-13.00	43.14	163	194	Horizontal

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7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
46.6363	-72.14	-13.00	59.14	187	67	Vertical
114.3942	-64.43	-13.00	51.43	165	226	Vertical
339.2030	-68.49	-13.00	55.49	184	4	Vertical
1673.3347	-44.66	-13.00	31.66	162	173	Vertical
2509.9020	-54.62	-13.00	41.62	189	167	Vertical
3346.0115	-55.76	-13.00	42.76	196	162	Vertical
42.3196	-63.27	-13.00	50.27	247	258	Horizontal
105.3243	-75.27	-13.00	62.27	259	99	Horizontal
242.6831	-67.04	-13.00	54.04	247	290	Horizontal
1673.3347	-41.98	-13.00	28.98	251	145	Horizontal
2509.9020	-50.39	-13.00	37.39	263	191	Horizontal
3346.5116	-53.94	-13.00	40.94	228	162	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
49.4495	-71.01	-13.00	58.01	184	162	Vertical
106.3428	-64.53	-13.00	51.53	165	353	Vertical
372.5726	-67.16	-13.00	54.16	194	353	Vertical
1697.3395	-46.53	-13.00	33.53	175	150	Vertical
2451.4903	-57.18	-13.00	44.18	162	36	Vertical
3395.0132	-59.52	-13.00	46.52	184	162	Vertical
41.0101	-63.84	-13.00	50.84	241	322	Horizontal
108.5739	-75.02	-13.00	62.02	258	67	Horizontal
239.7730	-66.28	-13.00	53.28	256	35	Horizontal
1697.7395	-44.97	-13.00	31.97	284	1	Horizontal
2474.6949	-55.65	-13.00	42.65	271	48	Horizontal
3395.0132	-56.56	-13.00	43.56	229	163	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 (℃)	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

Temperature							
BAND	Channel	Voltage (Vdc)	Temperature (℃)	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

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EGPRS850	190	VN	30	7.78	0.009301	±2.5	PASS
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

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EGPRS1900	512	VN	50	26.47	0.014309	±2.5	PASS
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

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