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	---	33.37	27.92	38.45	PASS
GSM850	190	---	33.20	27.75	38.45	PASS
GSM850	251	---	33.32	27.87	38.45	PASS
EGPRS850	128	1	26.42	20.97	38.45	PASS
EGPRS850	128	2	23.80	18.35	38.45	PASS
EGPRS850	128	3	22.66	17.21	38.45	PASS
EGPRS850	128	4	22.47	17.02	38.45	PASS
EGPRS850	190	1	26.33	20.88	38.45	PASS
EGPRS850	190	2	23.77	18.32	38.45	PASS
EGPRS850	190	3	22.57	17.12	38.45	PASS
EGPRS850	190	4	22.39	16.94	38.45	PASS
EGPRS850	251	1	26.33	20.88	38.45	PASS
EGPRS850	251	2	23.75	18.3	38.45	PASS
EGPRS850	251	3	22.51	17.06	38.45	PASS
EGPRS850	251	4	22.39	16.94	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.87	28.81	33.00	PASS
GSM1900	661	---	29.75	28.69	33.00	PASS
GSM1900	810	---	29.36	28.30	33.00	PASS
EGPRS1900	512	1	26.87	25.81	33.00	PASS
EGPRS1900	512	2	24.15	23.09	33.00	PASS
EGPRS1900	512	3	22.74	21.68	33.00	PASS
EGPRS1900	512	4	21.74	20.68	33.00	PASS
EGPRS1900	661	1	26.42	25.36	33.00	PASS
EGPRS1900	661	2	24.34	23.28	33.00	PASS
EGPRS1900	661	3	22.85	21.79	33.00	PASS
EGPRS1900	661	4	21.80	20.74	33.00	PASS
EGPRS1900	810	1	26.33	25.27	33.00	PASS
EGPRS1900	810	2	24.24	23.18	33.00	PASS
EGPRS1900	810	3	22.70	21.64	33.00	PASS
EGPRS1900	810	4	21.55	20.49	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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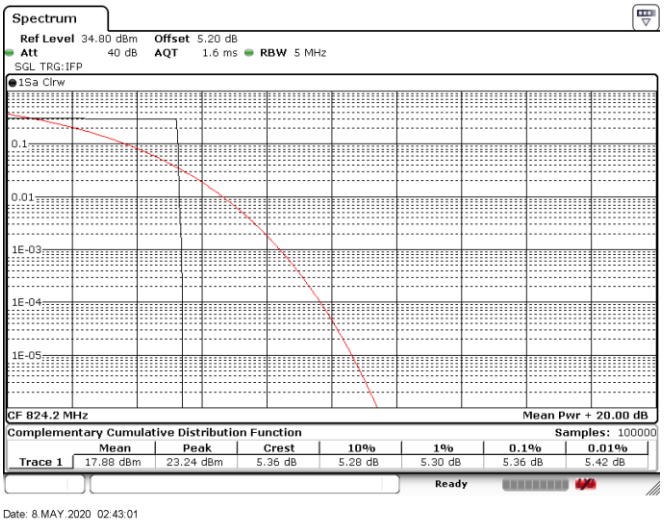
2. Peak-to-Average Ratio

2.1. Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	5.36	13	PASS
GSM850	190	4.70	13	PASS
GSM850	251	8.58	13	PASS
EGPRS850	128	10.84	13	PASS
EGPRS850	190	11.01	13	PASS
EGPRS850	251	10.41	13	PASS
GSM1900	512	7.74	13	PASS
GSM1900	661	7.77	13	PASS
GSM1900	810	7.71	13	PASS
EGPRS1900	512	10.58	13	PASS
EGPRS1900	661	10.49	13	PASS
EGPRS1900	810	10.75	13	PASS

2.2. Part II - Test Plots

GSM850_128



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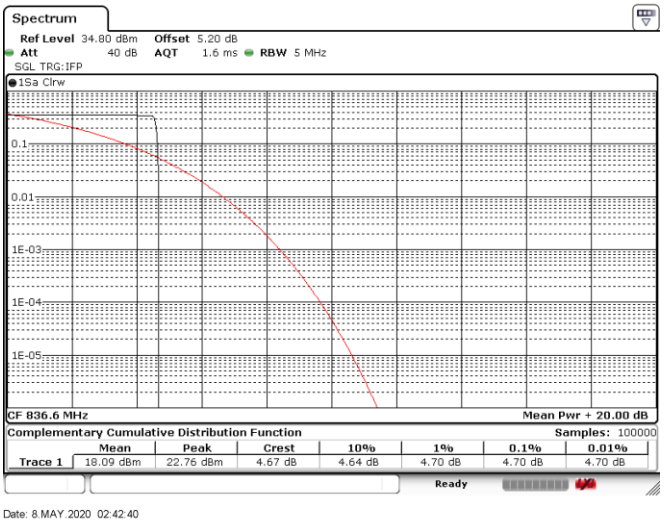

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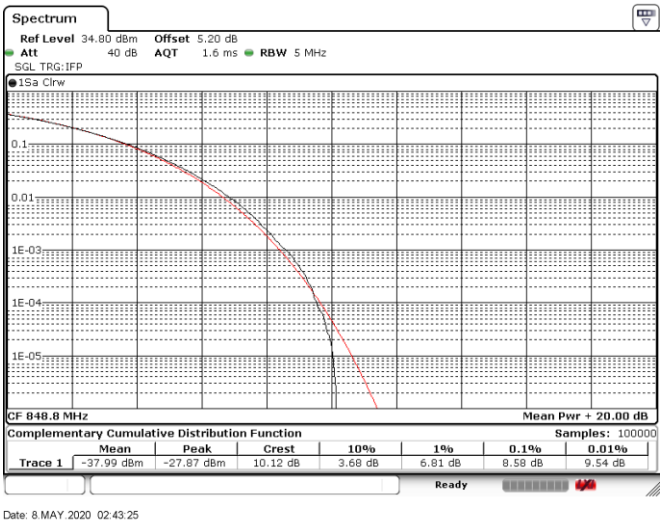

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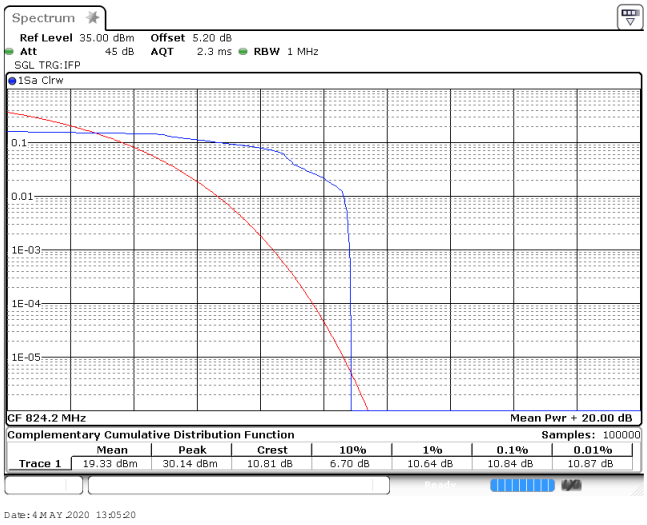

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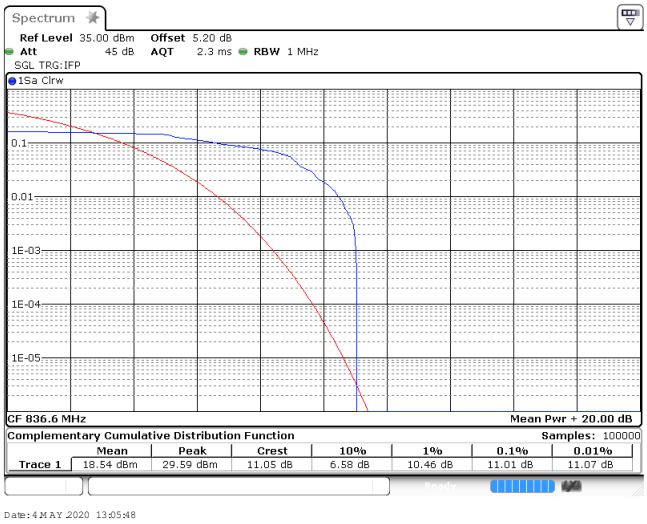

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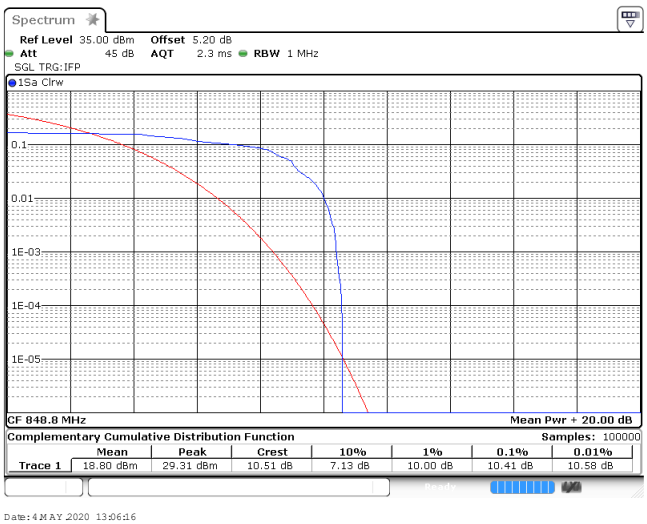

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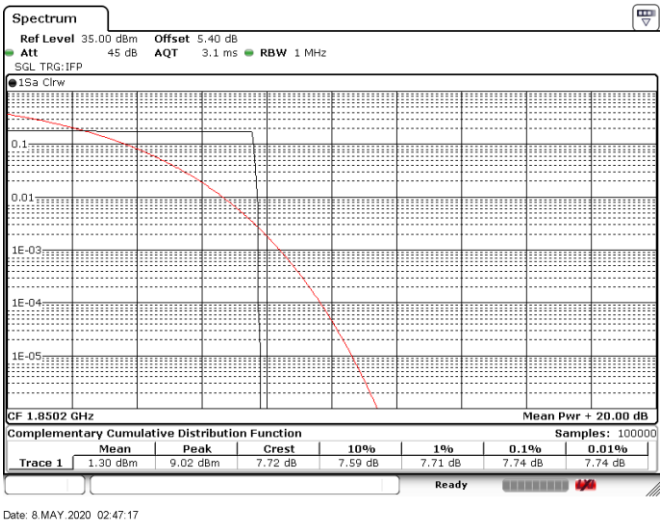

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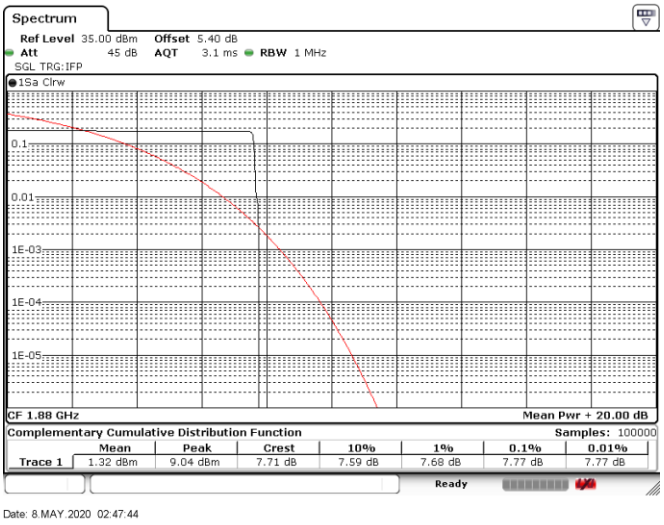

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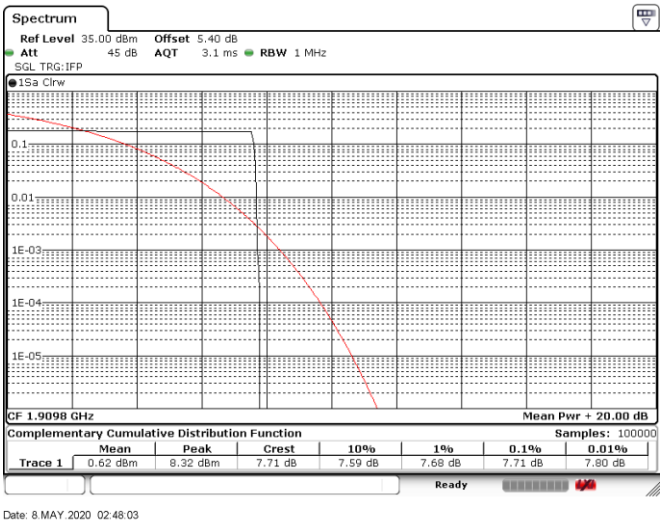

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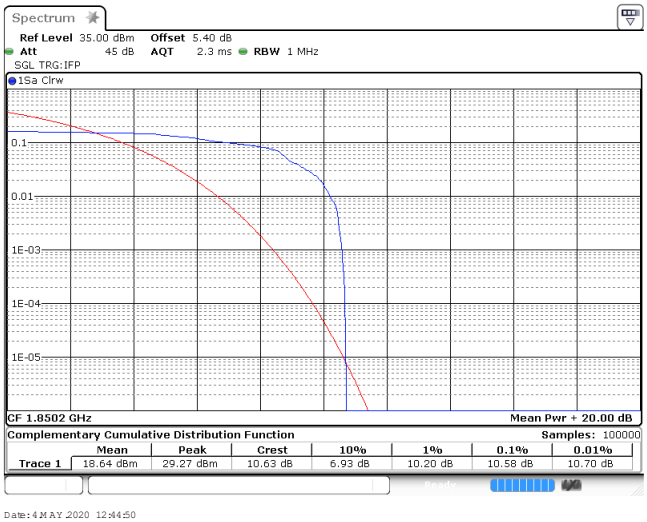

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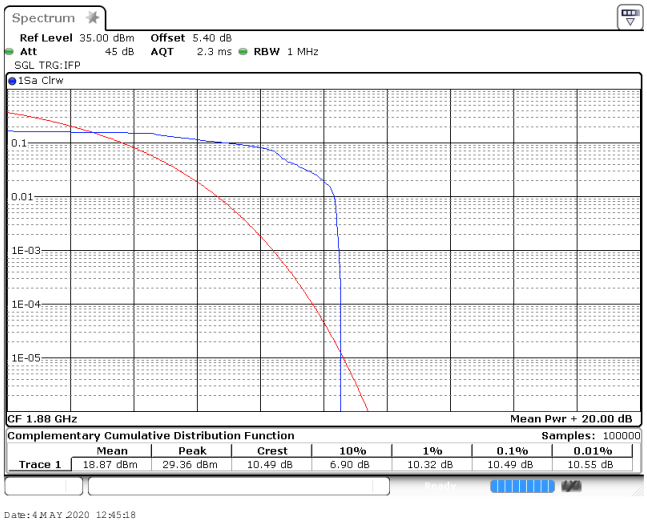

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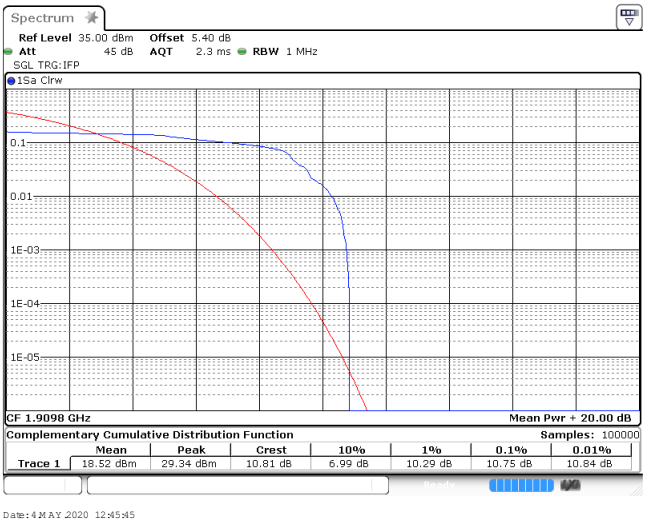

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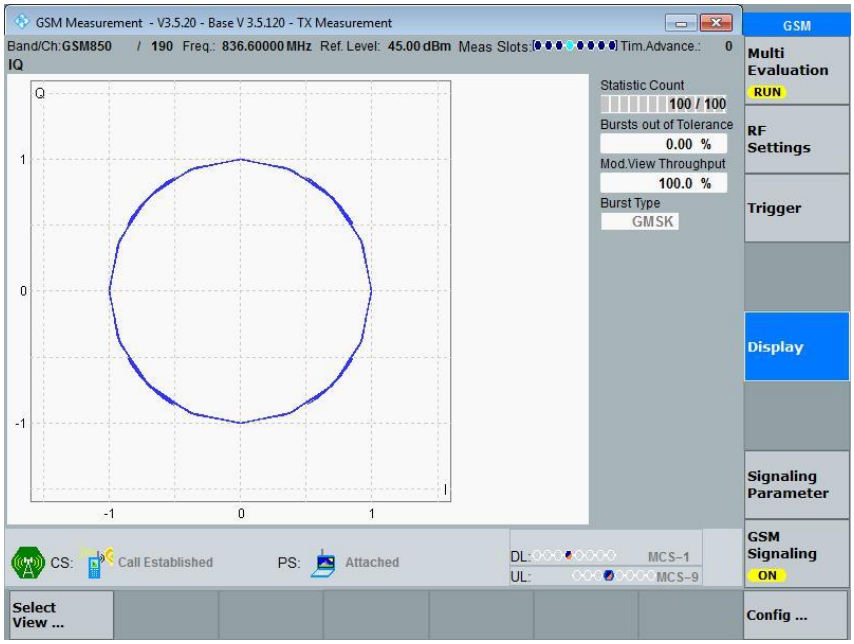
3. Modulation Characteristics

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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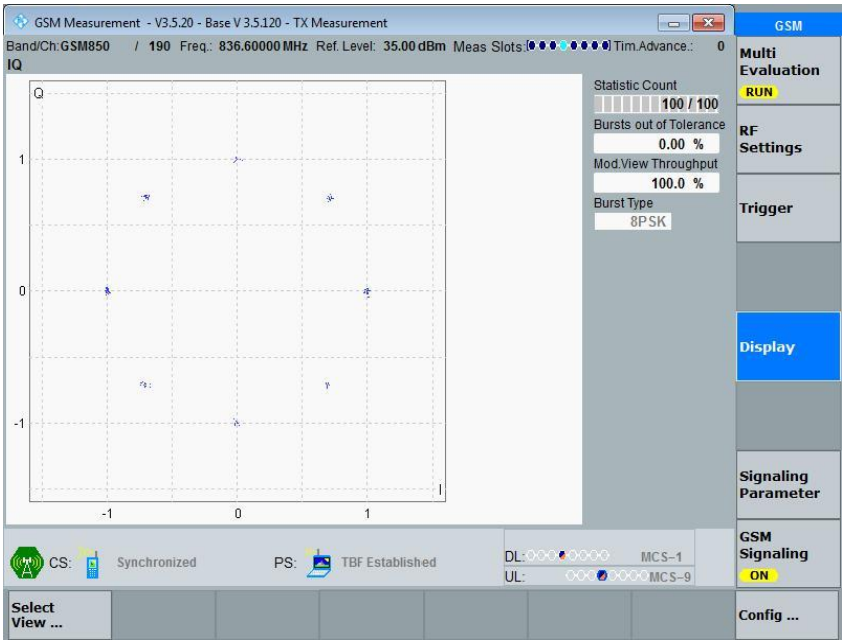
3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH



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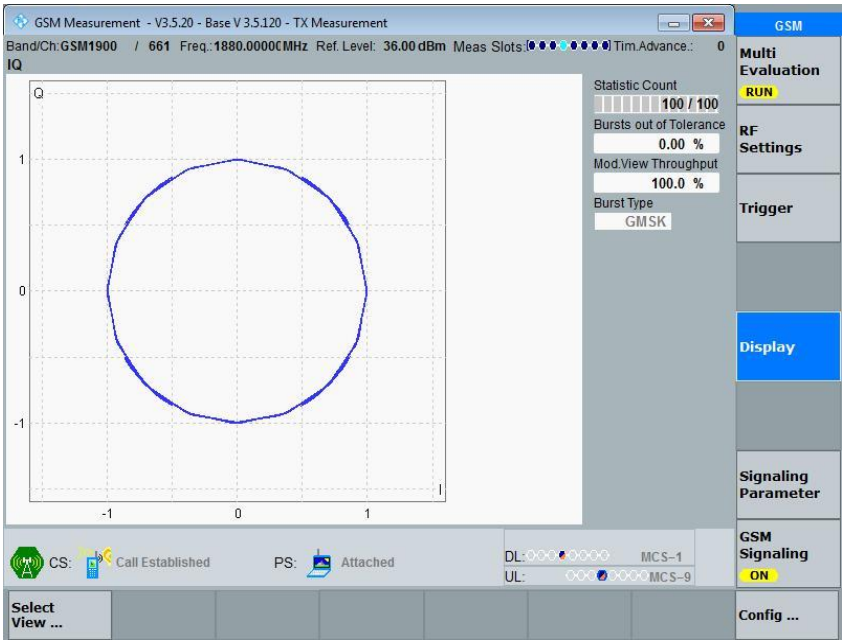
3.1.2. Test Band = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

3.1.2.1.1. Test Channel = MCH



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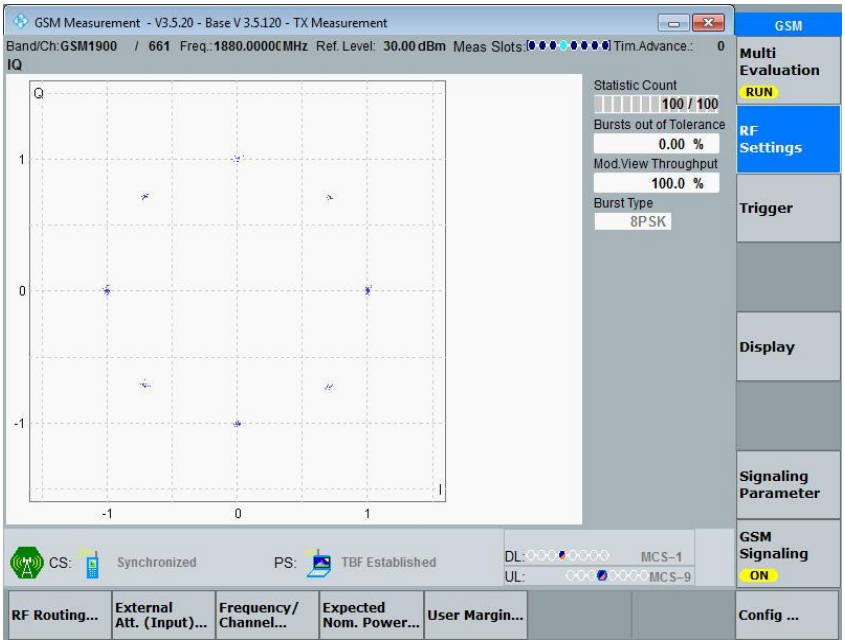
3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



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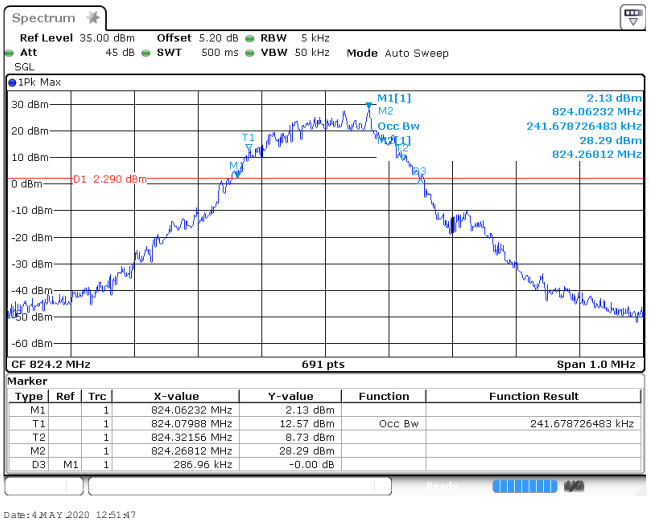
4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	241.68	286.96	---	PASS
GSM850	190	241.68	291.30	---	PASS
GSM850	251	241.68	302.90	---	PASS
EGPRS850	128	246.02	305.80	---	PASS
EGPRS850	190	246.02	291.30	---	PASS
EGPRS850	251	243.13	291.30	---	PASS
GSM1900	512	241.68	297.10	---	PASS
GSM1900	661	243.13	285.51	---	PASS
GSM1900	810	241.68	294.20	---	PASS
EGPRS1900	512	251.81	292.75	---	PASS
EGPRS1900	661	246.02	300.00	---	PASS
EGPRS1900	810	244.57	297.10	---	PASS

4.2. Test Plots

GSM850_128



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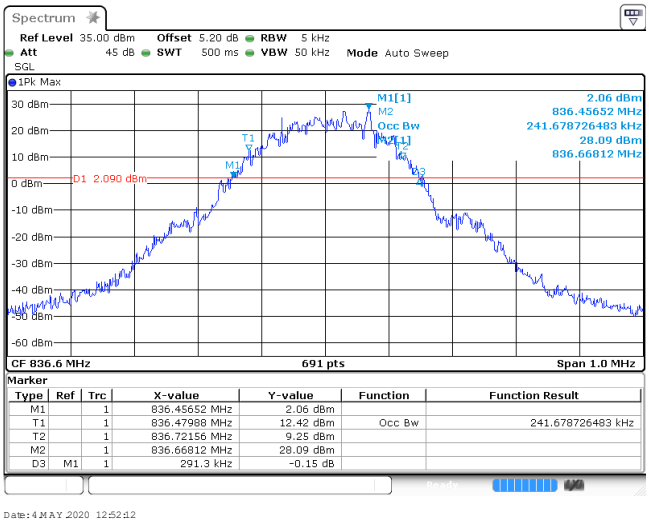

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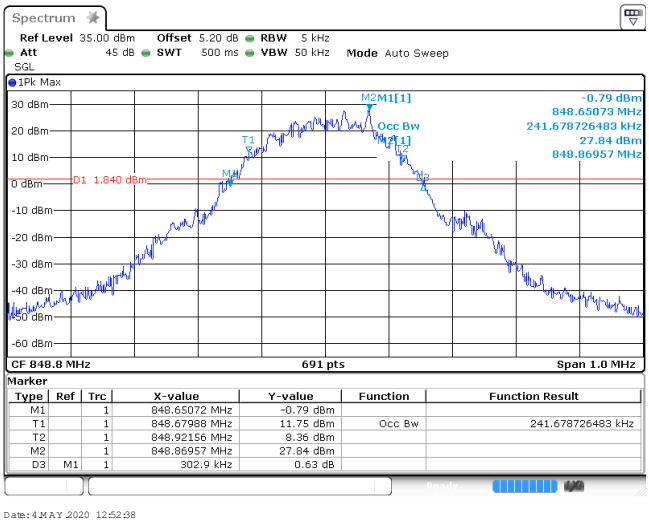

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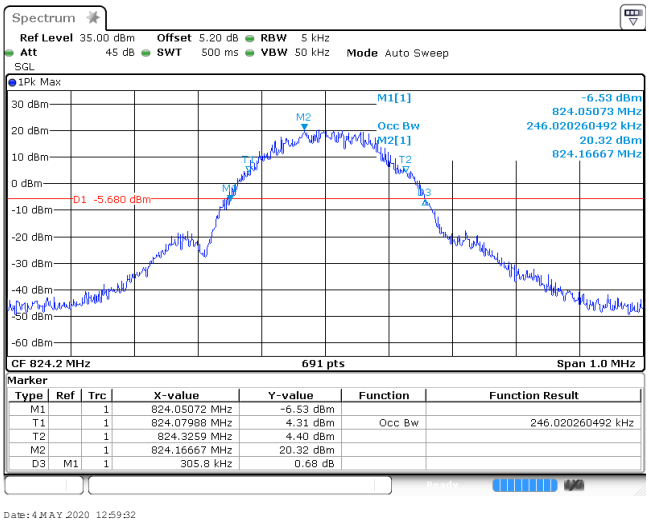

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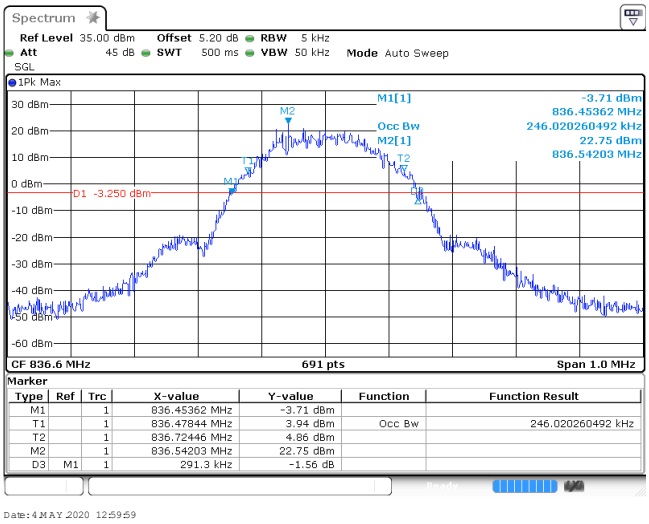

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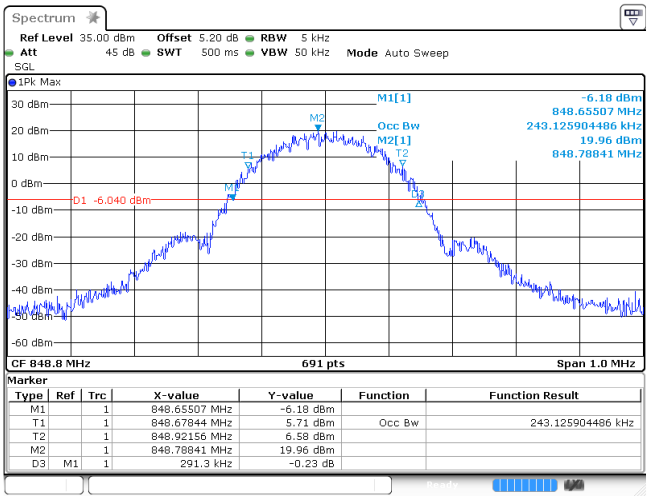

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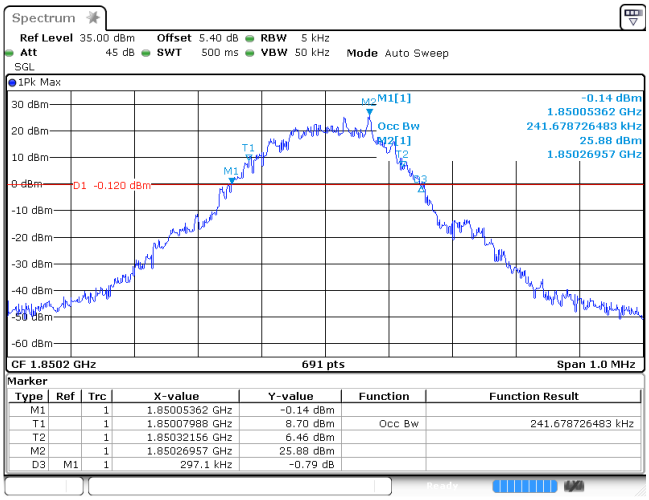

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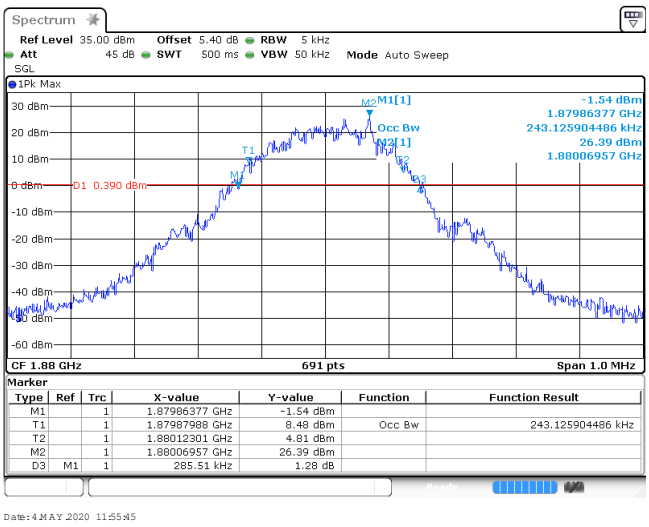

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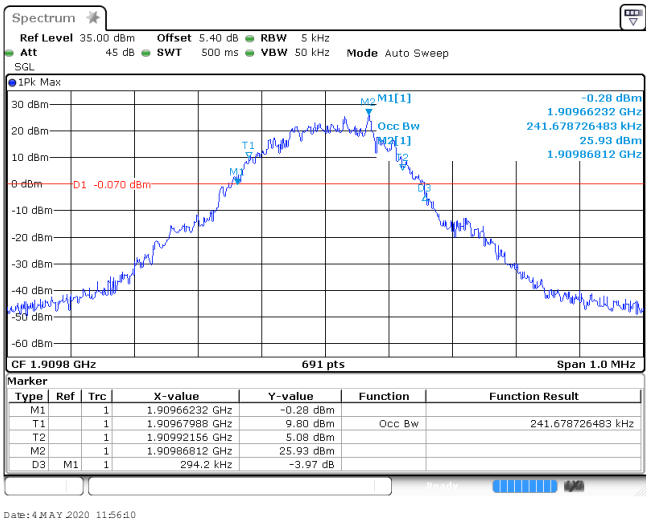

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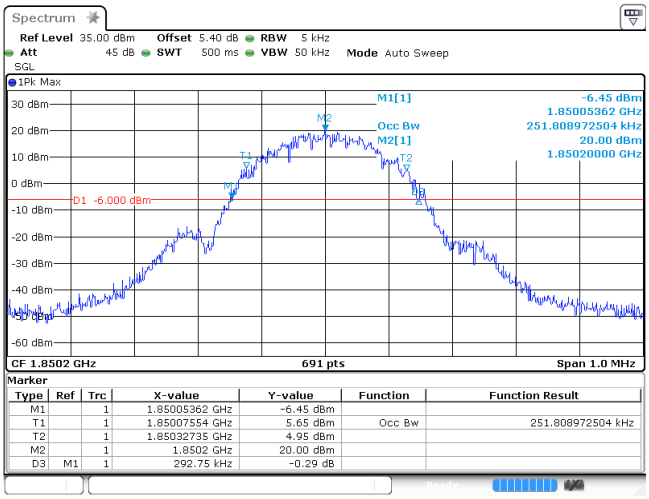

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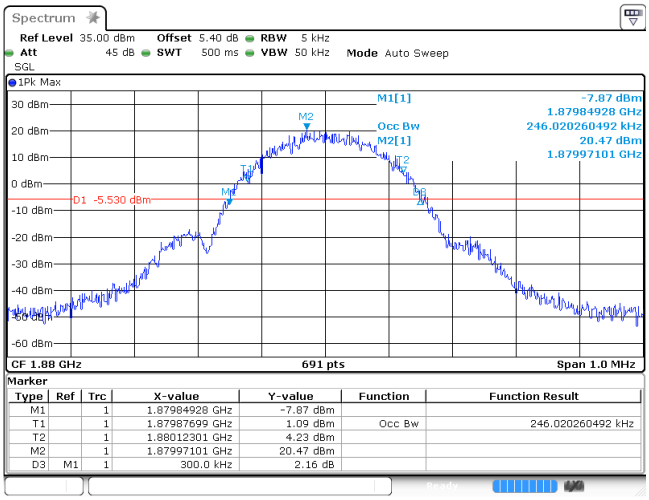

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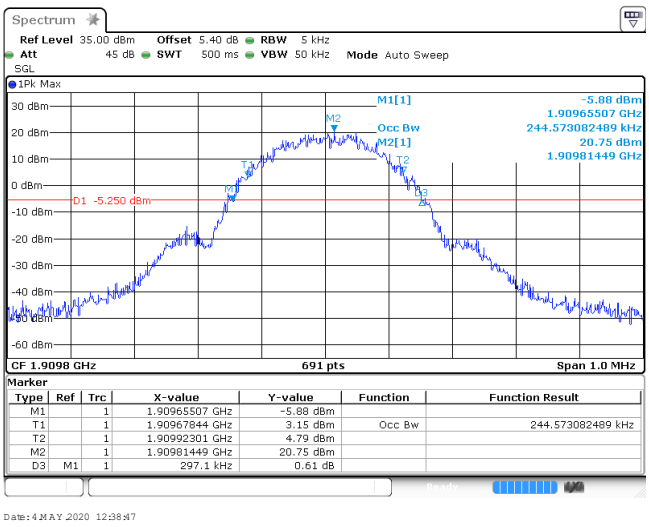

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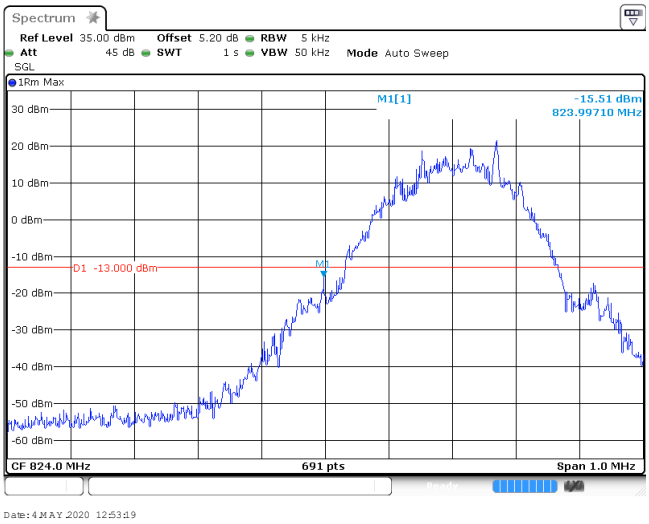
5. Band Edge Compliance

5.1. Test Result

Band	Channel	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	-15.51	-13	PASS
GSM850	251	-18.53	-13	PASS
EGPRS850	128	-25.64	-13	PASS
EGPRS850	251	-27.50	-13	PASS
GSM1900	512	-18.93	-13	PASS
GSM1900	810	-20.28	-13	PASS
EGPRS1900	512	-24.91	-13	PASS
EGPRS1900	810	-24.84	-13	PASS

5.2. Test Plots

GSM850_128



GSM850_251

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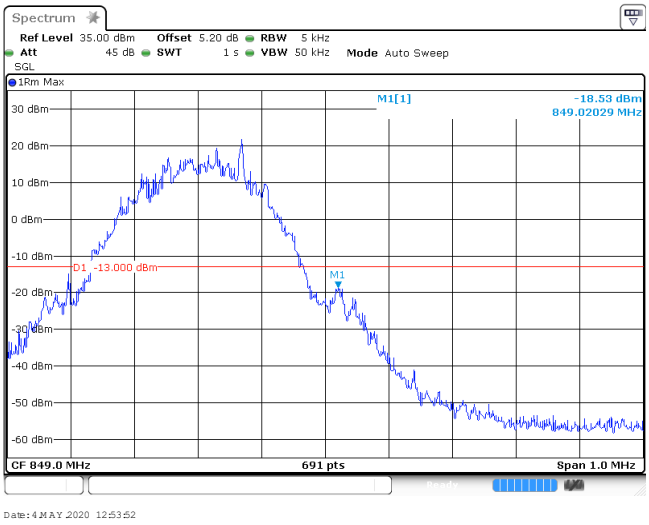

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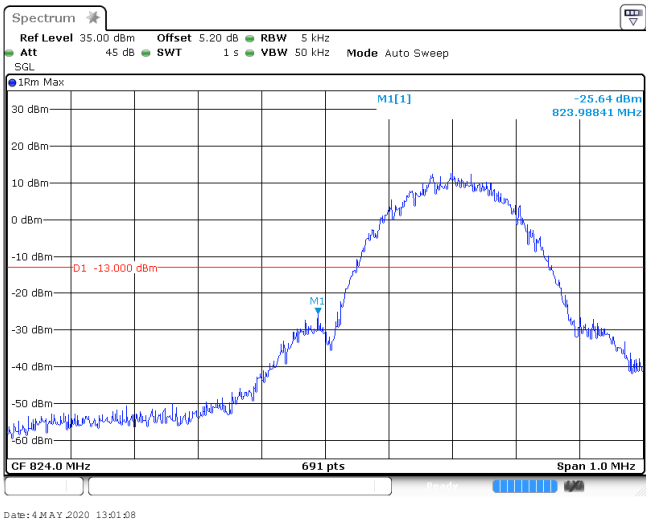

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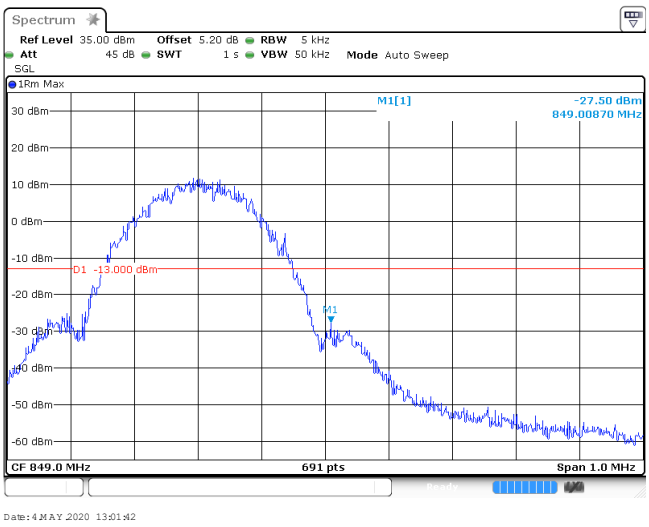
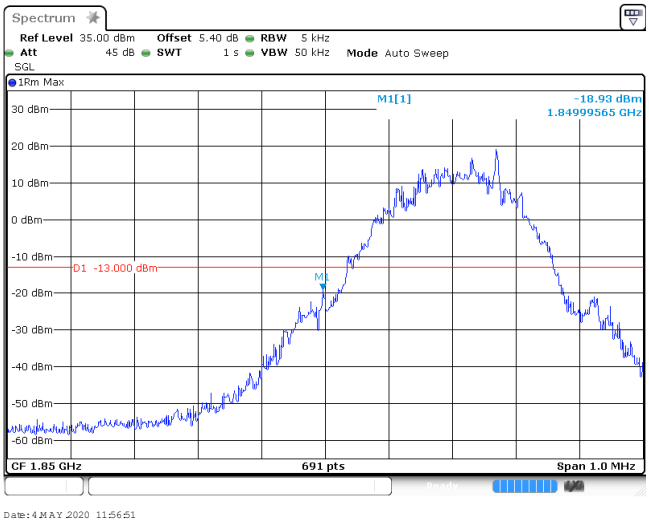


GSM1900_512



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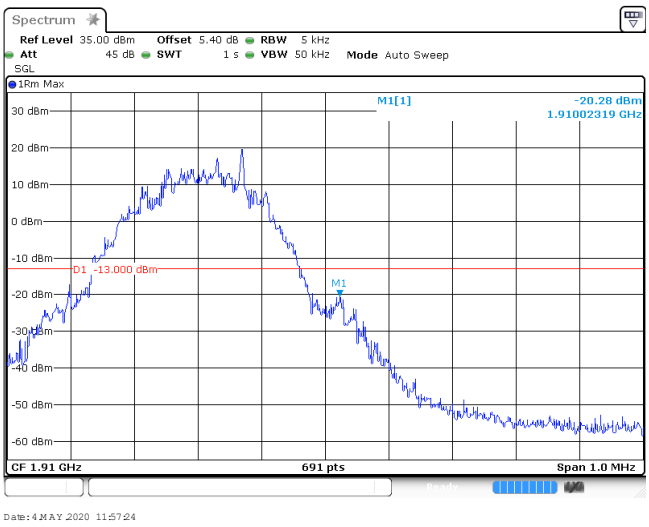

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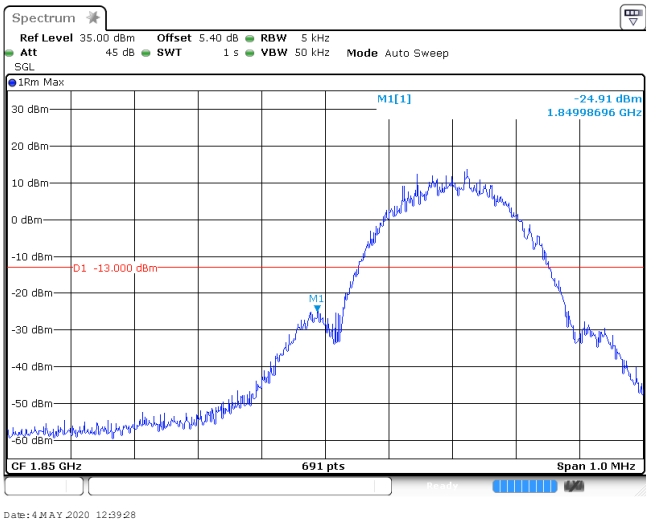

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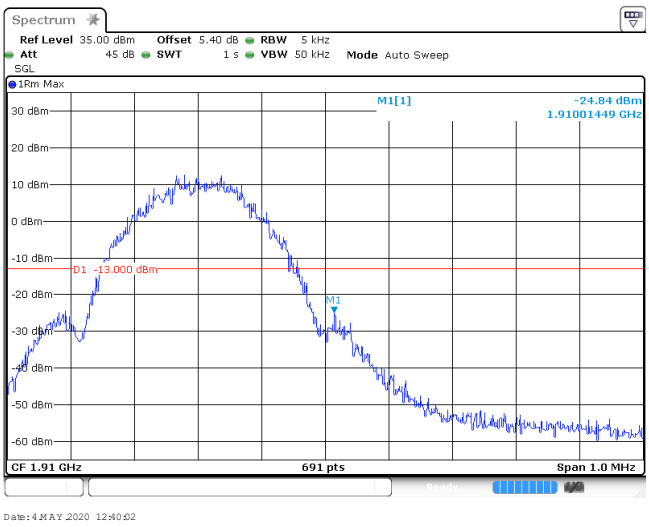

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6. Spurious Emission at Antenna Terminal

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 Result

Band	Channel	Frequency Rang(Mhz)	Value(dBm)	Limit(dBm)	Verdict
GSM850	128	0.009~0.15	-55.26	-33	PASS
GSM850	128	0.15~30	-60.80	-23	PASS
GSM850	128	30~1000	-34.81	-13	PASS
GSM850	128	1000~9000	-33.23	-13	PASS
GSM850	190	0.009~0.15	-55.41	-33	PASS
GSM850	190	0.15~30	-62.31	-23	PASS
GSM850	190	30~1000	-35.55	-13	PASS
GSM850	190	1000~9000	-32.87	-13	PASS
GSM850	251	0.009~0.15	-54.93	-33	PASS
GSM850	251	0.15~30	-63.97	-23	PASS
GSM850	251	30~1000	-34.92	-13	PASS
GSM850	251	1000~9000	-33.17	-13	PASS
EGPRS850	128	0.009~0.15	-55.99	-43	PASS
EGPRS850	128	0.15~30	-61.91	-33	PASS
EGPRS850	128	30~1000	-35.06	-13	PASS
EGPRS850	128	1000~9000	-32.96	-13	PASS
EGPRS850	190	0.009~0.15	-57.22	-43	PASS
EGPRS850	190	0.15~30	-63.06	-33	PASS
EGPRS850	190	30~1000	-35.33	-13	PASS
EGPRS850	190	1000~9000	-32.84	-13	PASS
EGPRS850	251	0.009~0.15	-57.29	-43	PASS
EGPRS850	251	0.15~30	-61.57	-33	PASS
EGPRS850	251	30~1000	-35.53	-13	PASS
EGPRS850	251	1000~9000	-32.61	-13	PASS
GSM1900	512	0.009~0.15	-55.34	-43	PASS
GSM1900	512	0.15~30	-63.38	-33	PASS
GSM1900	512	30~1000	-35.39	-13	PASS

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GSM1900	512	1000~7000	-30.54	-13	PASS
GSM1900	512	7000~13600	-34.42	-13	PASS
GSM1900	512	13600~20000	-32.42	-13	PASS
GSM1900	661	0.009~0.15	-54.49	-43	PASS
GSM1900	661	0.15~30	-61.74	-33	PASS
GSM1900	661	30~1000	-35.22	-13	PASS
GSM1900	661	1000~7000	-28.39	-13	PASS
GSM1900	661	7000~13600	-34.85	-13	PASS
GSM1900	661	13600~20000	-32.65	-13	PASS
GSM1900	810	0.009~0.15	-54.70	-43	PASS
GSM1900	810	0.15~30	-52.86	-33	PASS
GSM1900	810	30~1000	-35.24	-13	PASS
GSM1900	810	1000~7000	-29.60	-13	PASS
GSM1900	810	7000~13600	-34.16	-13	PASS
GSM1900	810	13600~20000	-32.78	-13	PASS
EGPRS1900	512	0.009~0.15	-52.32	-43	PASS
EGPRS1900	512	0.15~30	-56.45	-33	PASS
EGPRS1900	512	30~1000	-35.09	-13	PASS
EGPRS1900	512	1000~7000	-30.10	-13	PASS
EGPRS1900	512	7000~13600	-34.79	-13	PASS
EGPRS1900	512	13600~20000	-32.42	-13	PASS
EGPRS1900	661	0.009~0.15	-53.78	-43	PASS
EGPRS1900	661	0.15~30	-56.48	-33	PASS
EGPRS1900	661	30~1000	-35.40	-13	PASS
EGPRS1900	661	1000~7000	-29.96	-13	PASS
EGPRS1900	661	7000~13600	-34.53	-13	PASS
EGPRS1900	661	13600~20000	-32.43	-13	PASS
EGPRS1900	810	0.009~0.15	-53.34	-43	PASS
EGPRS1900	810	0.15~30	-58.05	-33	PASS
EGPRS1900	810	30~1000	-35.49	-13	PASS
EGPRS1900	810	1000~7000	-29.84	-13	PASS
EGPRS1900	810	7000~13600	-34.18	-13	PASS
EGPRS1900	810	13600~20000	-32.48	-13	PASS

6.2. Test Plots

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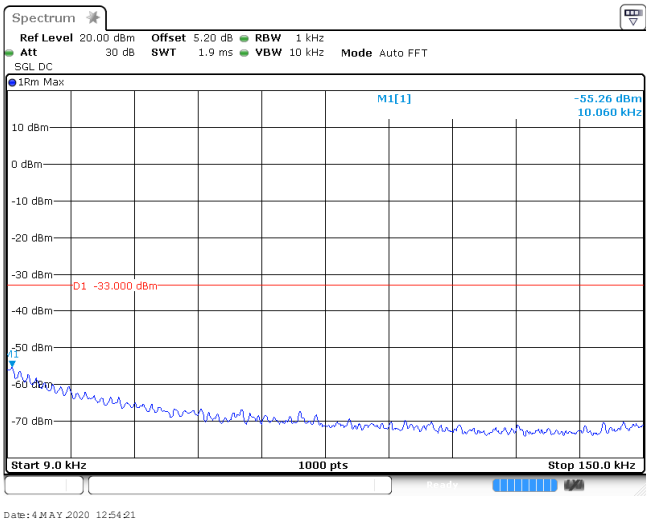

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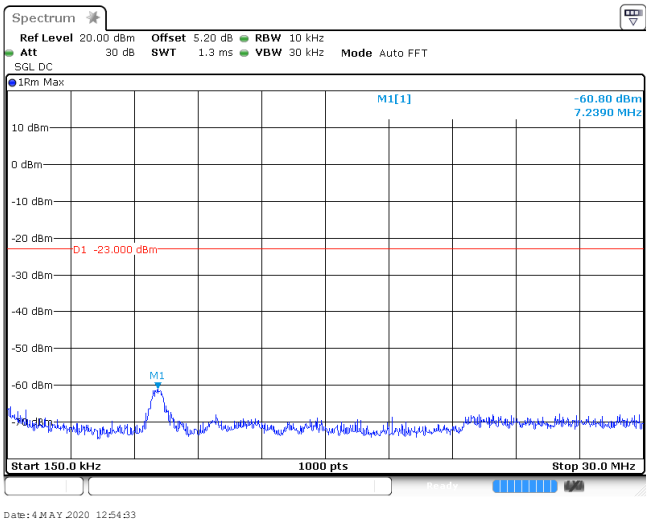

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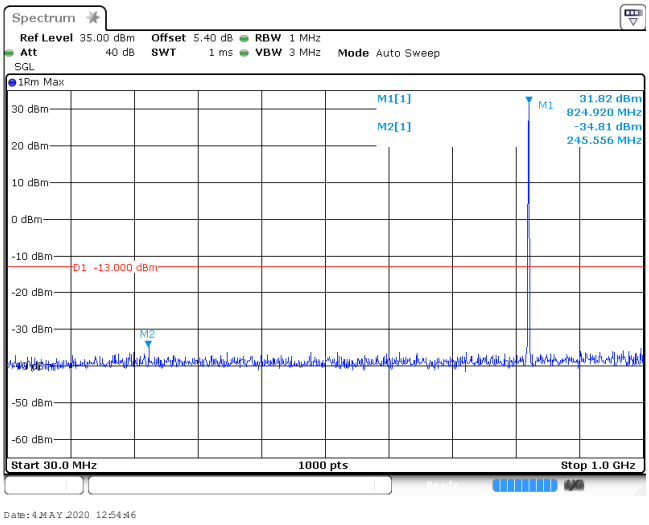

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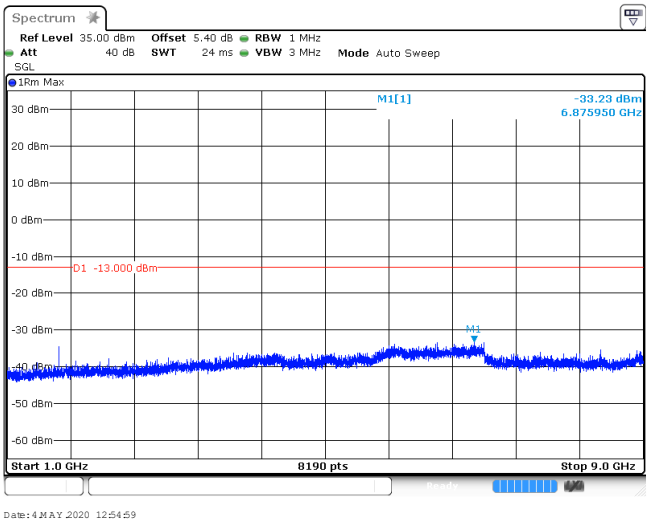

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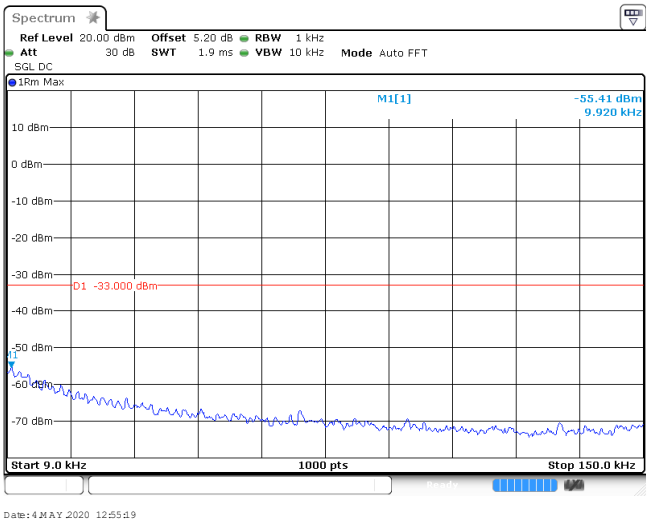

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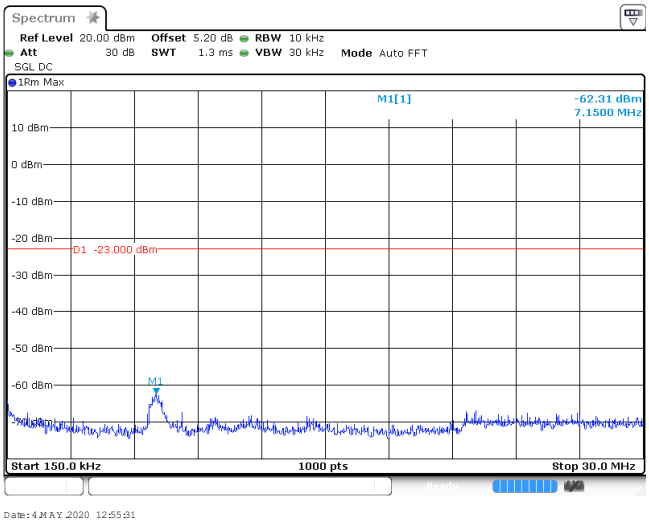

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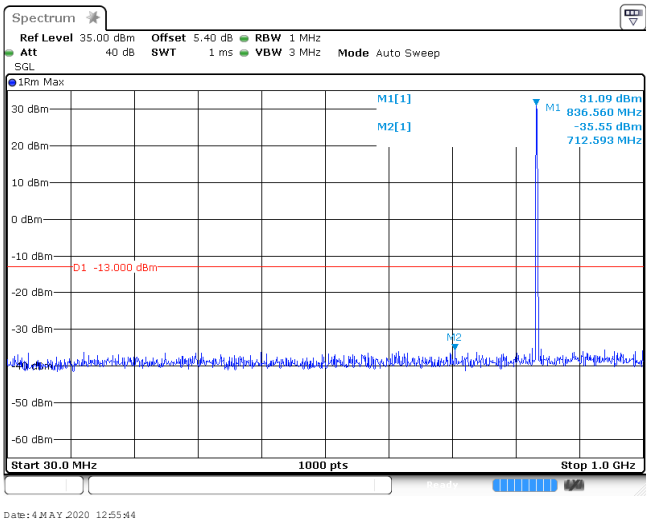

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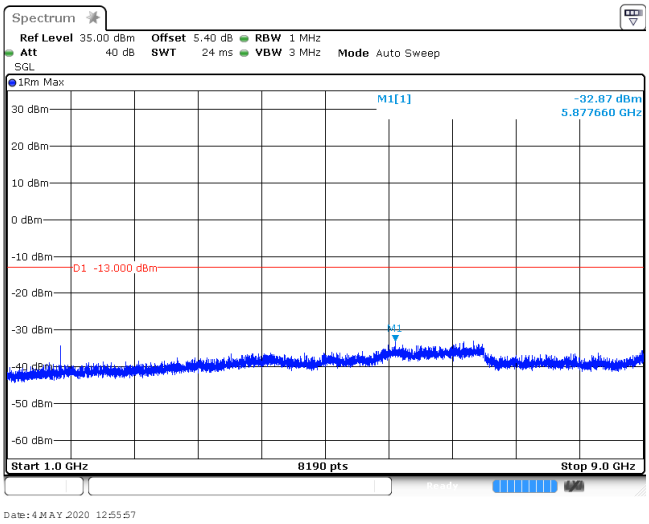

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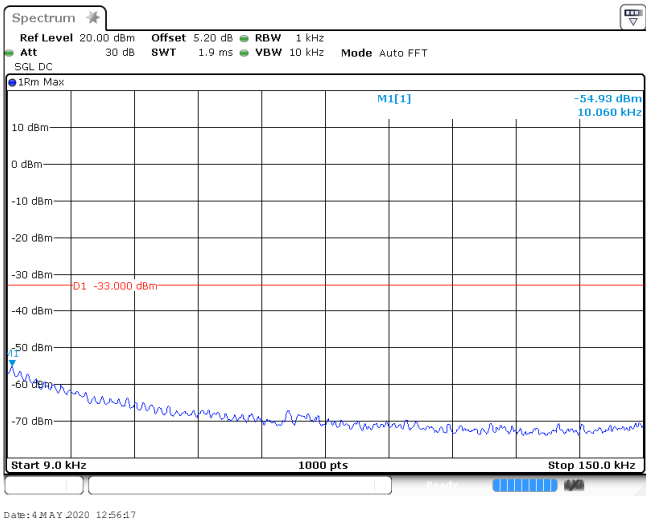

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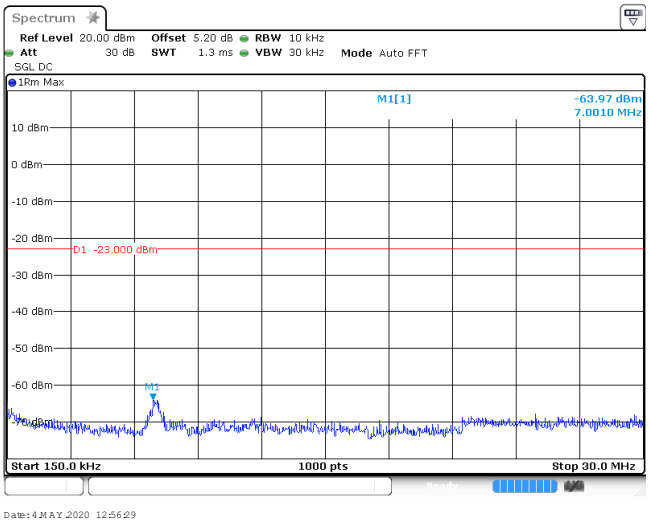

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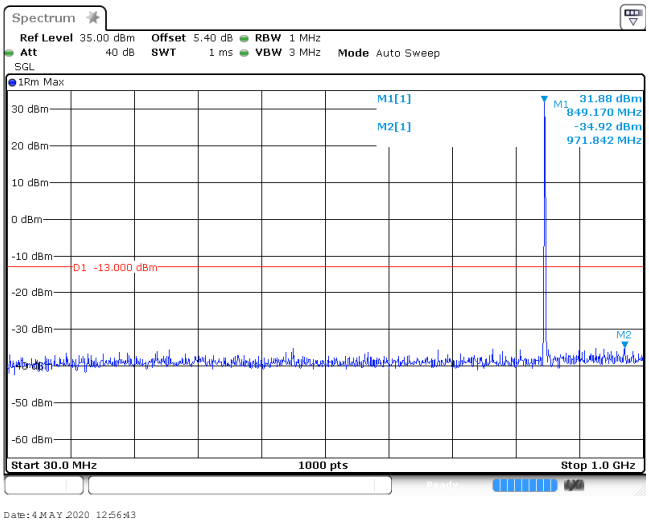

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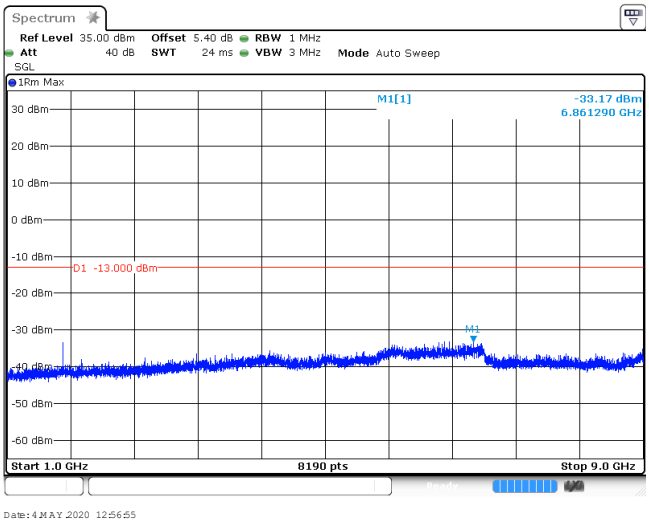

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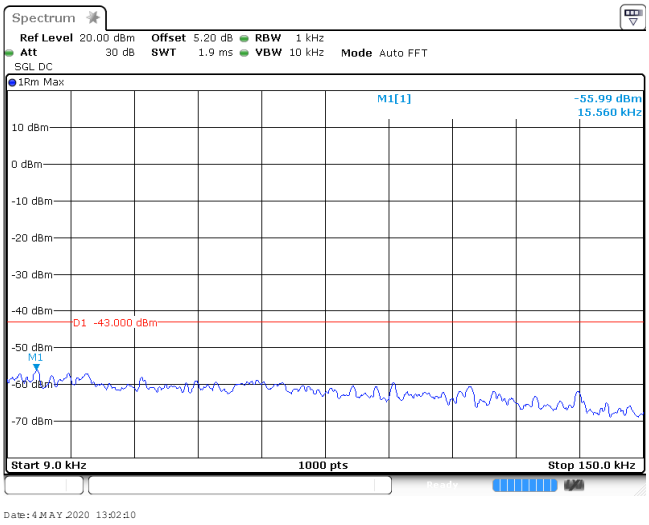

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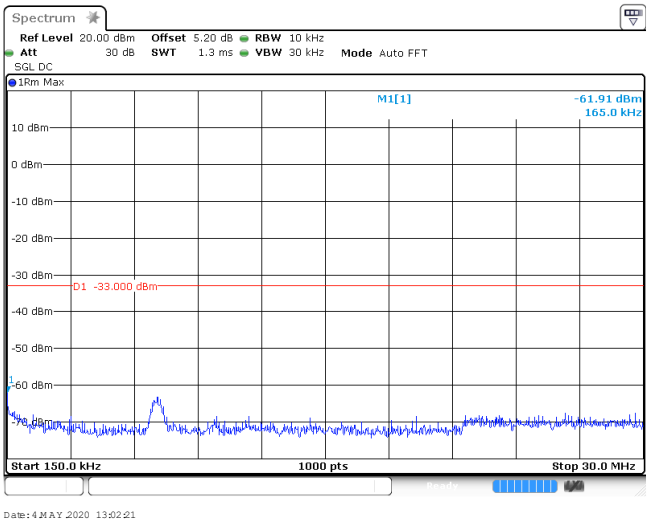

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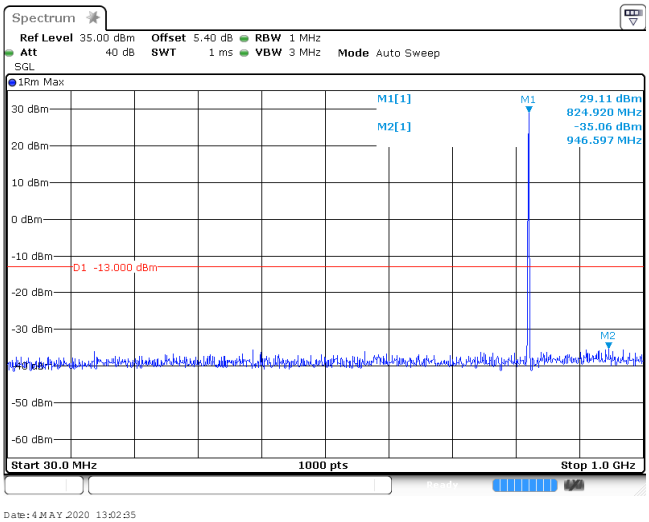

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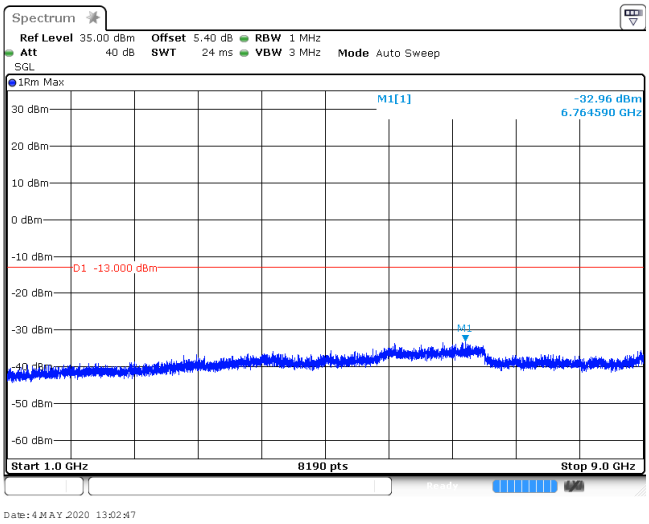

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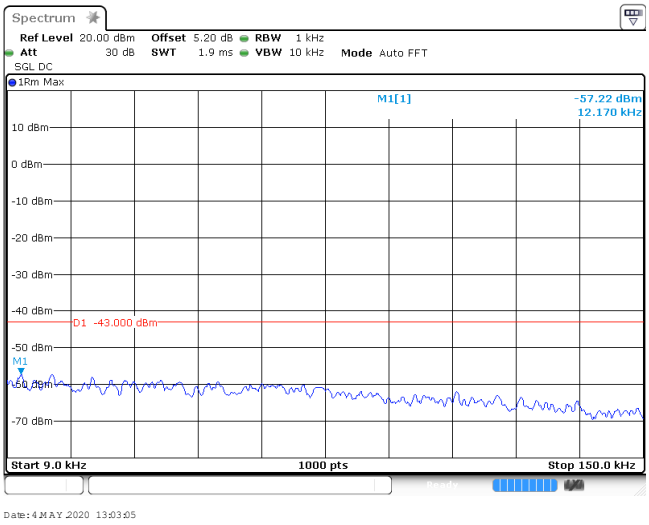

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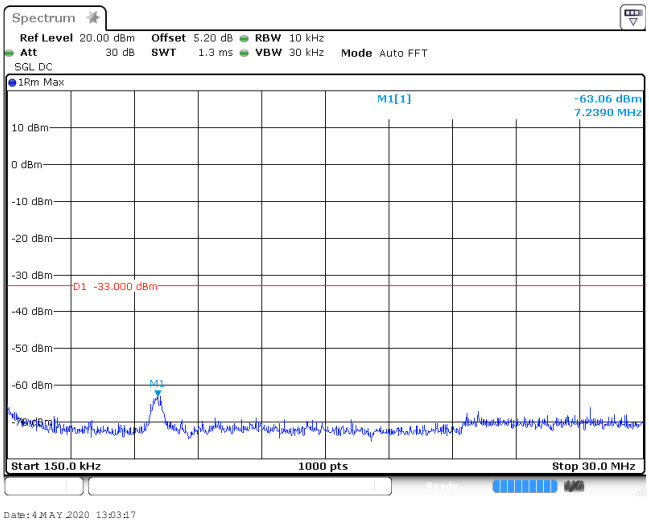

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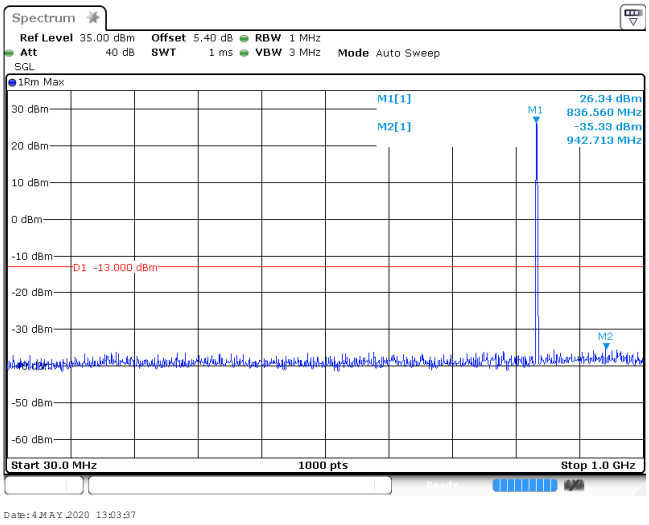

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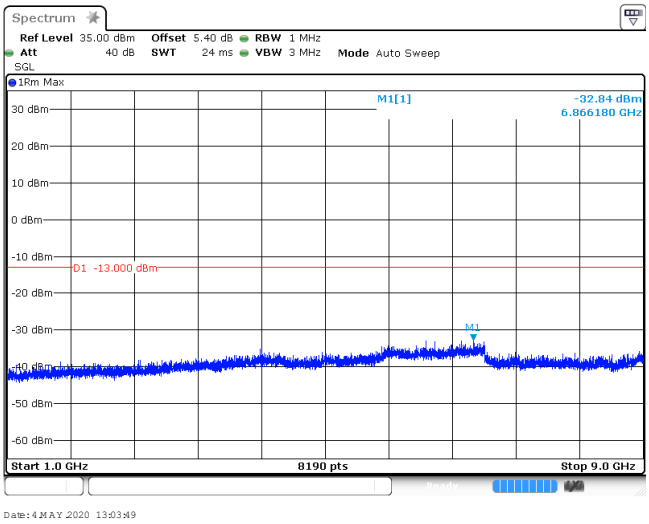

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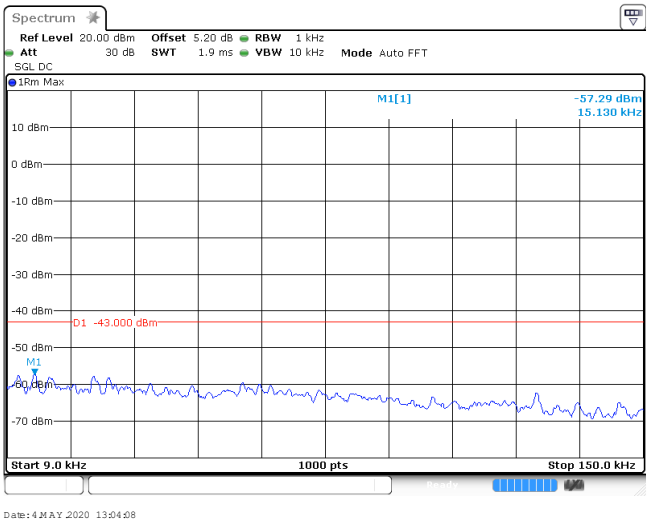

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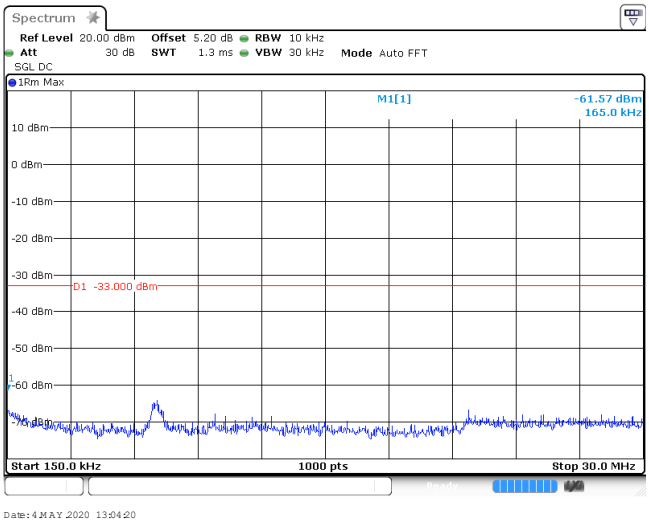

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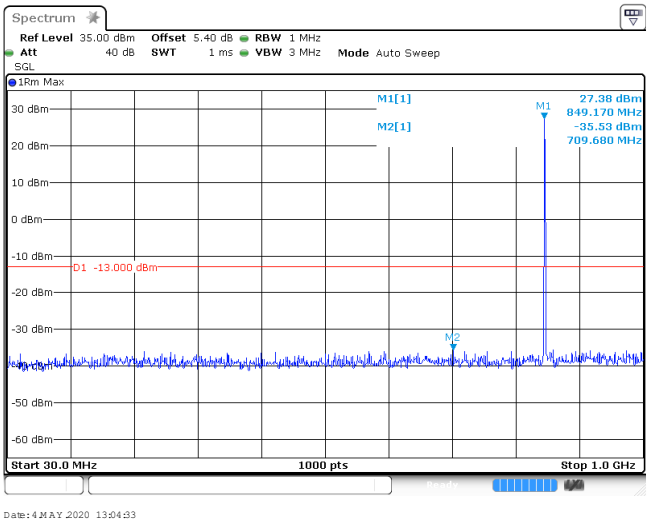

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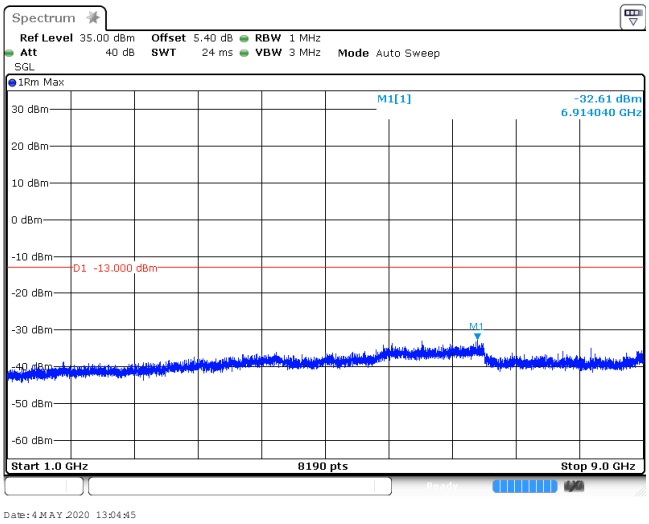

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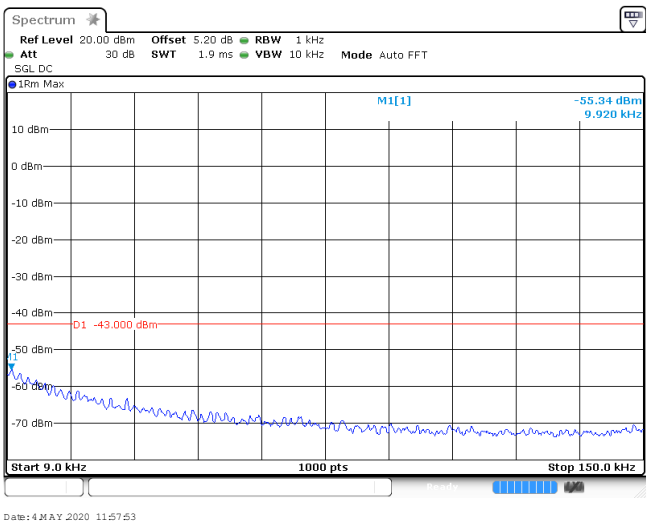

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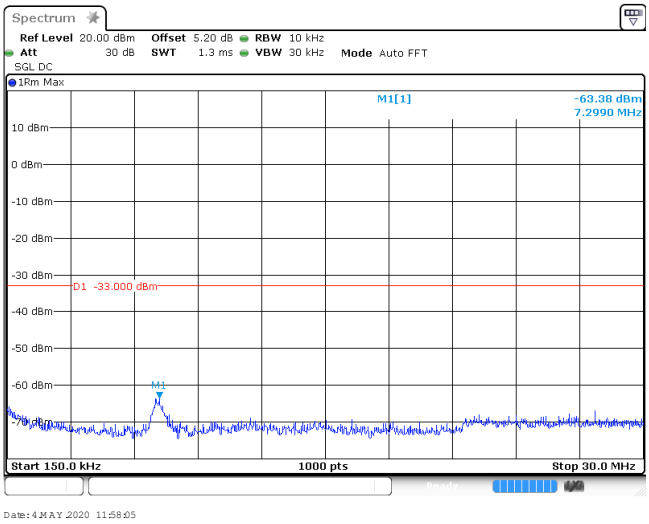

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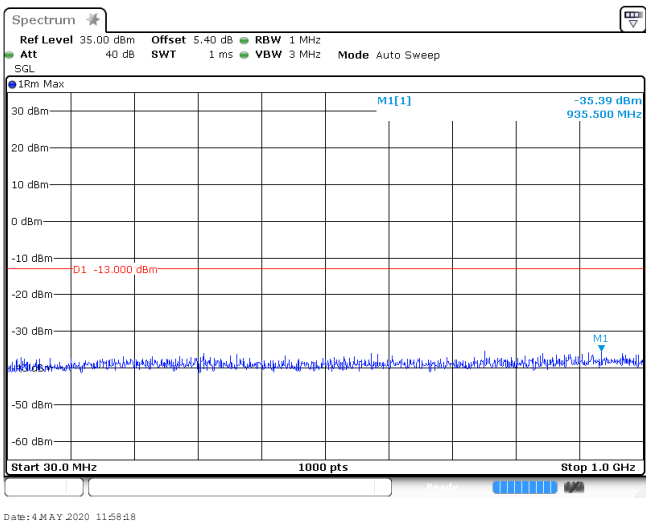

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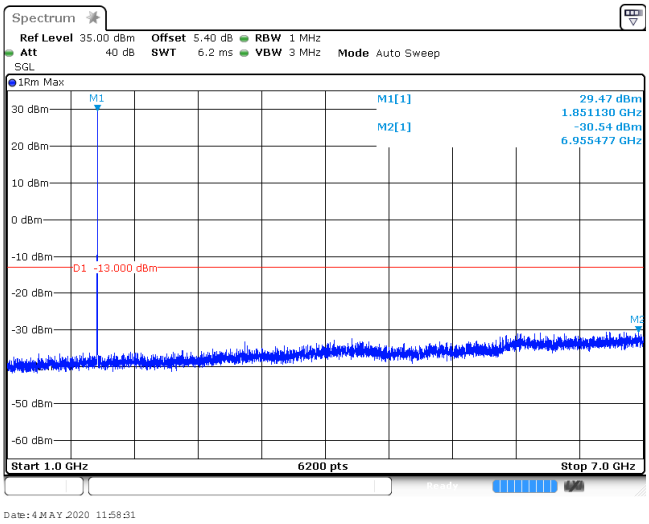

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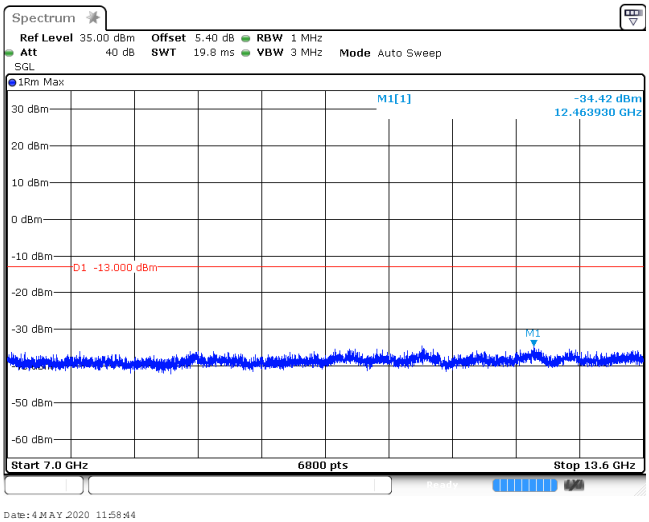

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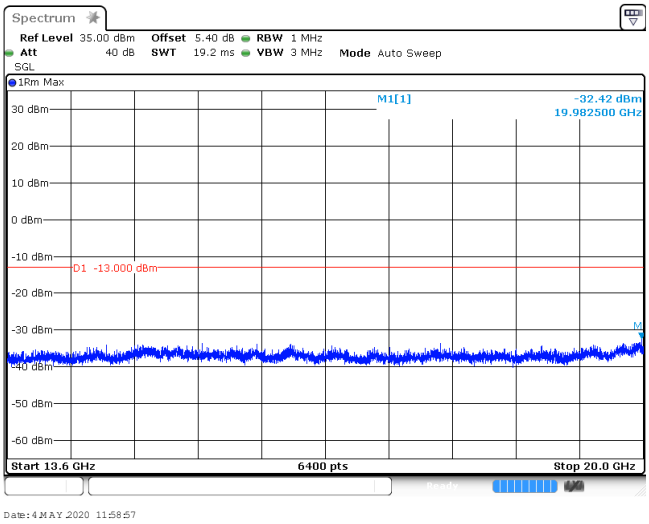

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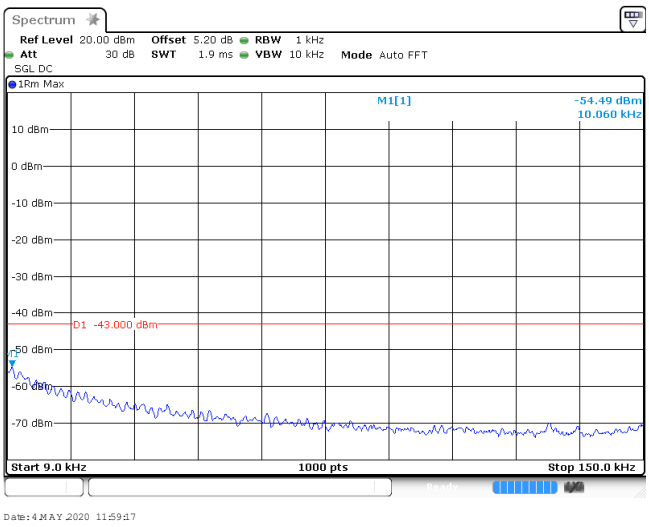

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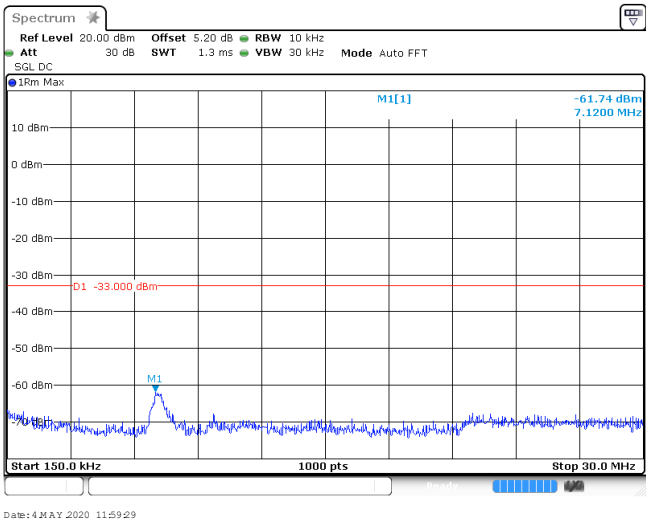

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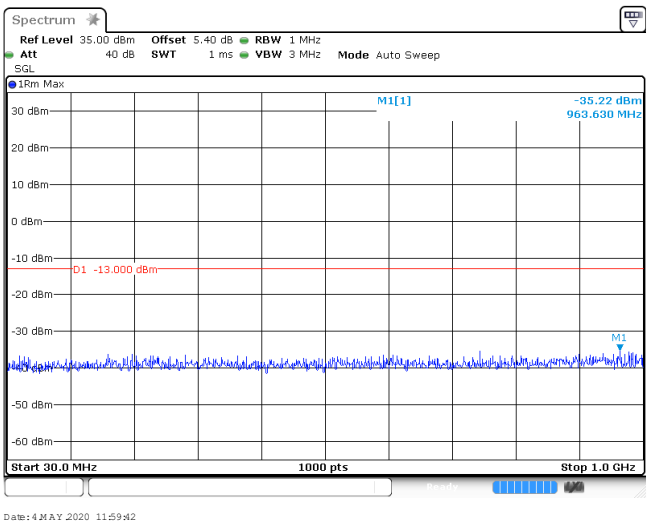

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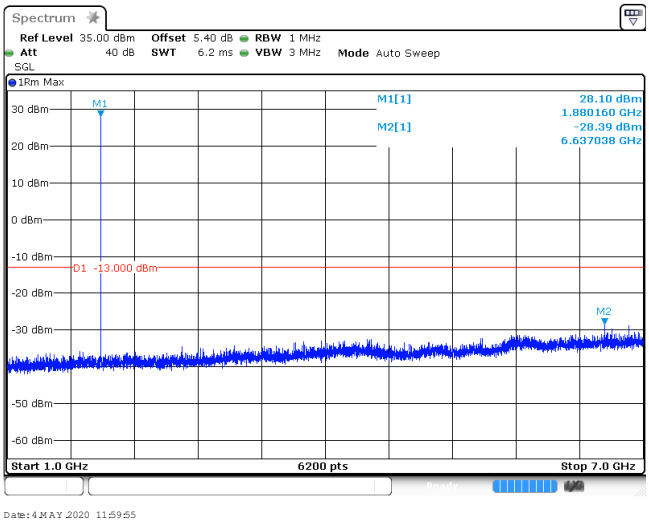

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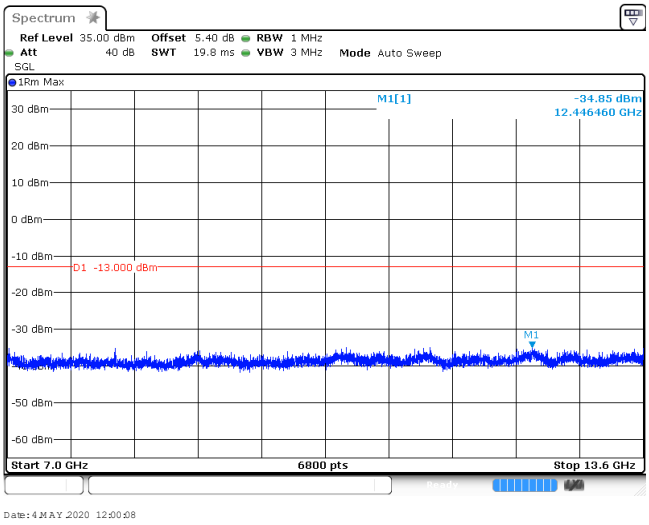

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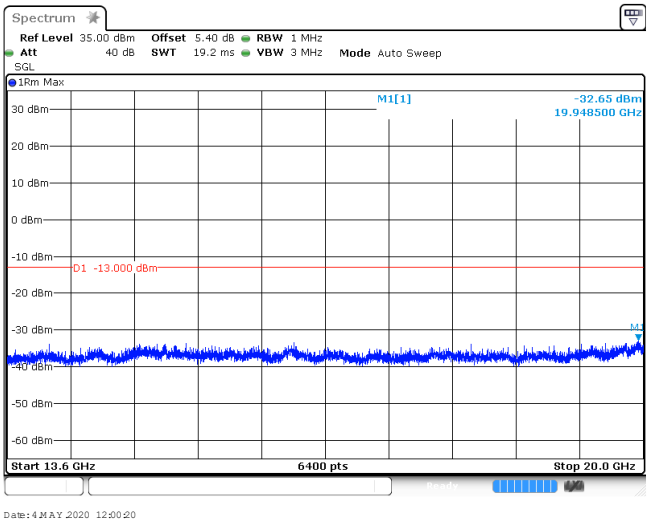

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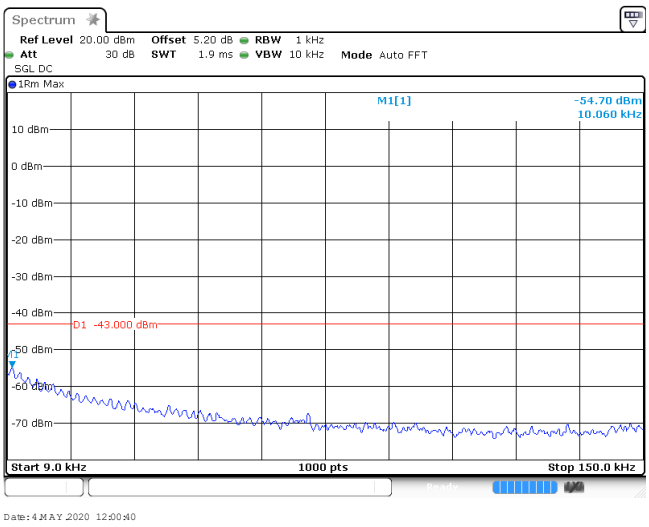

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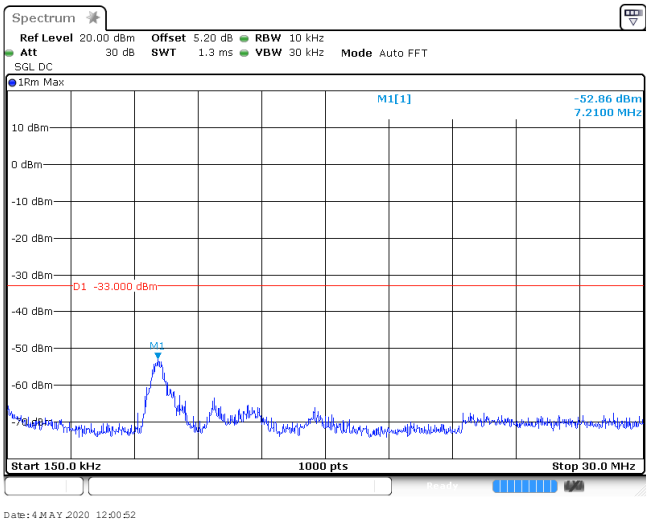

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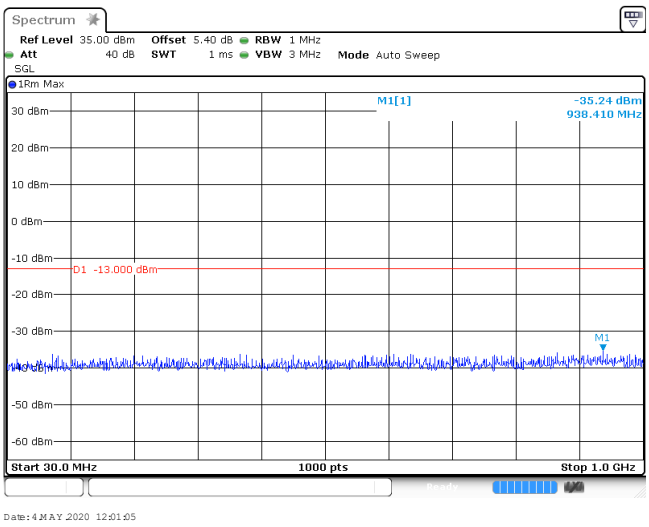

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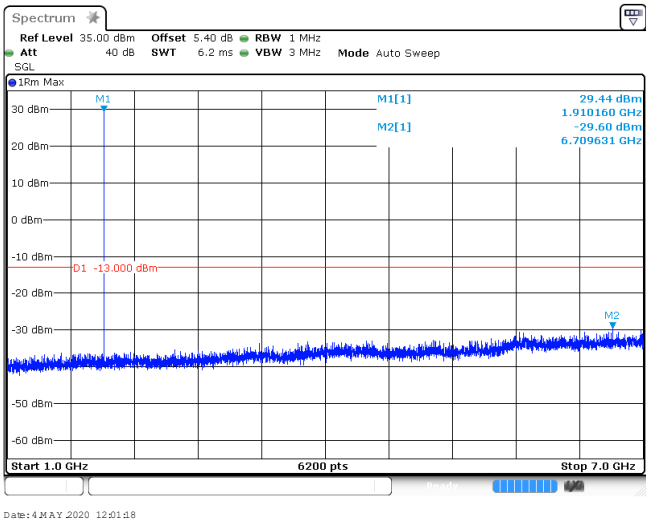

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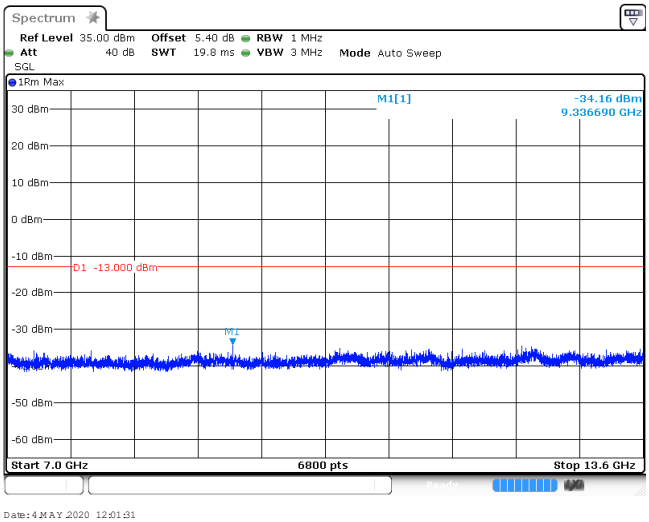

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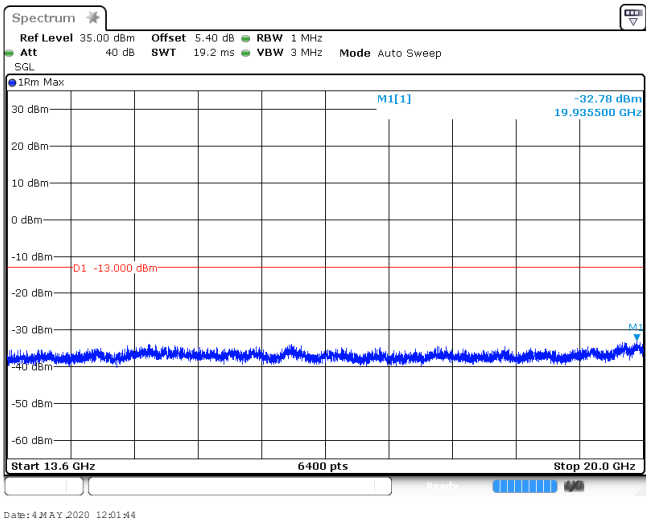

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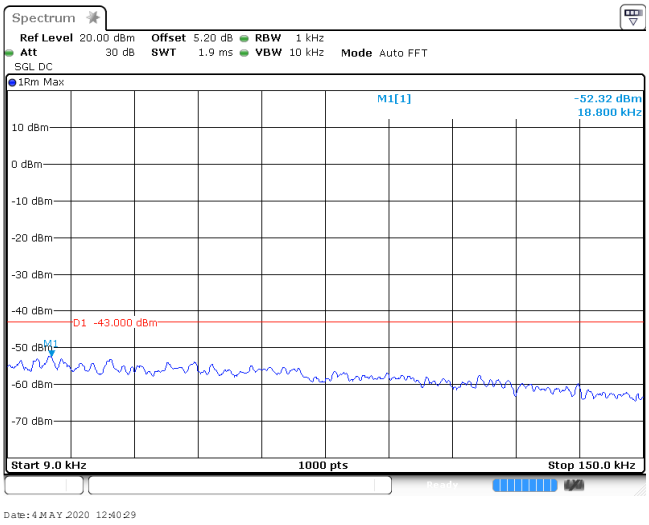

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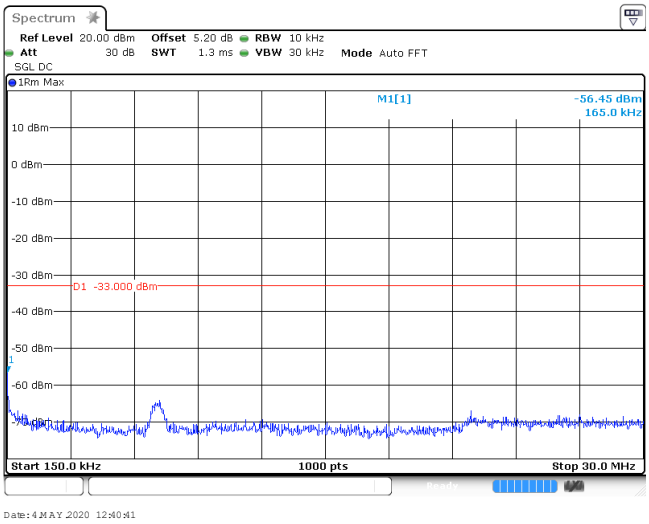

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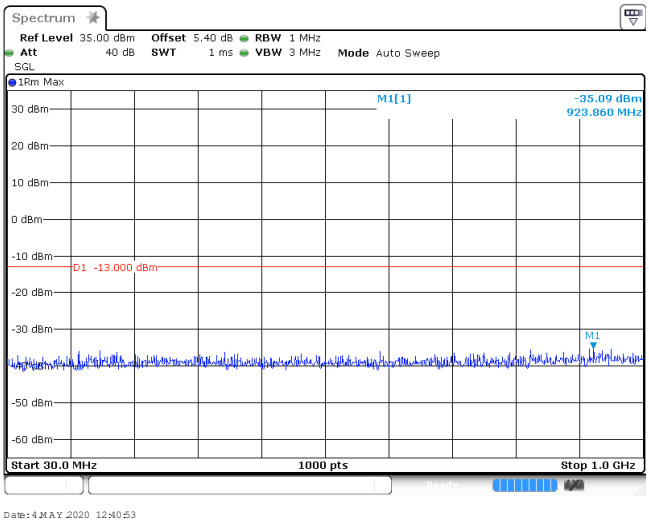

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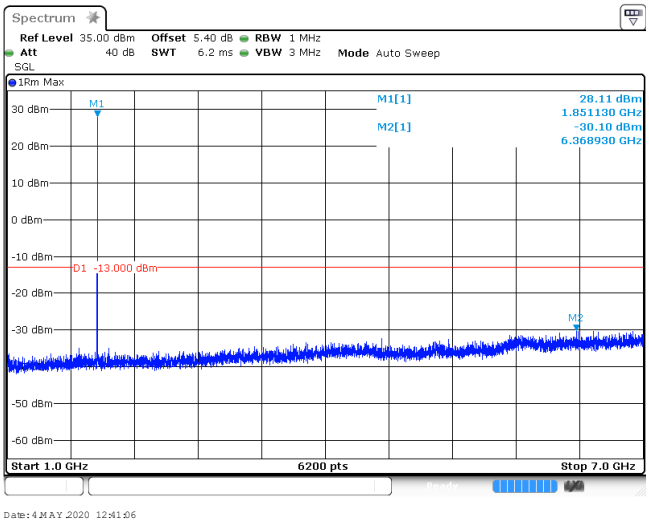

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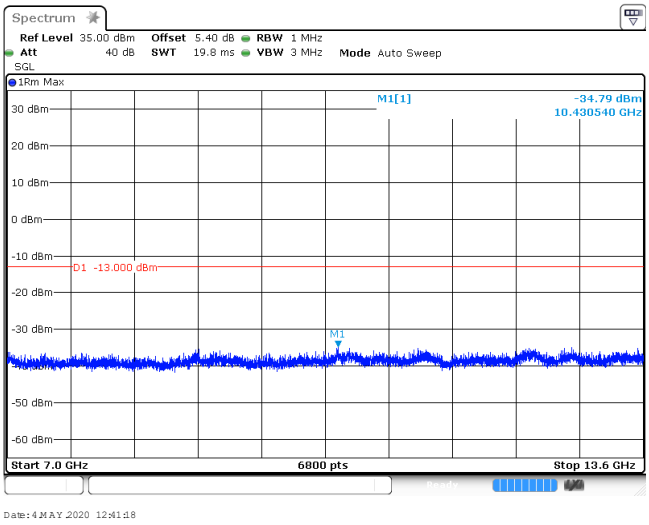

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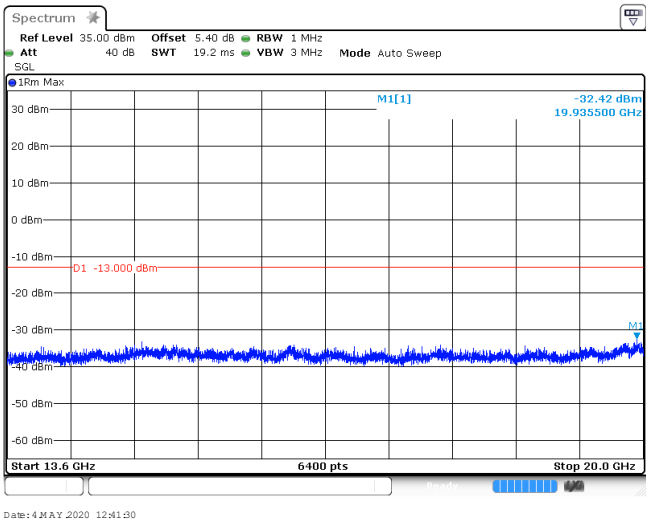

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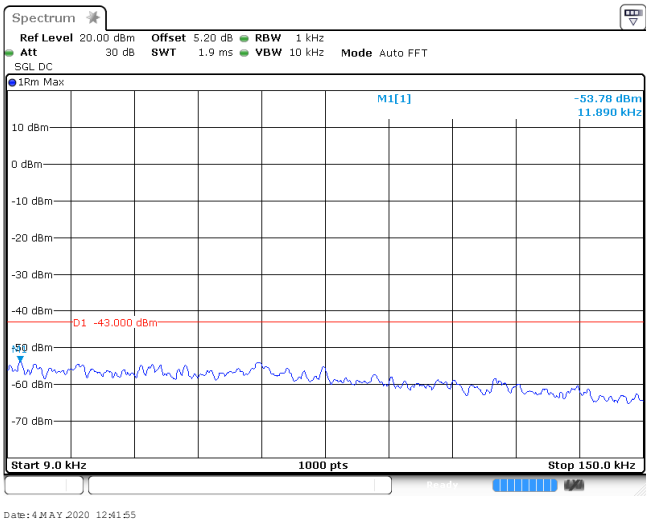

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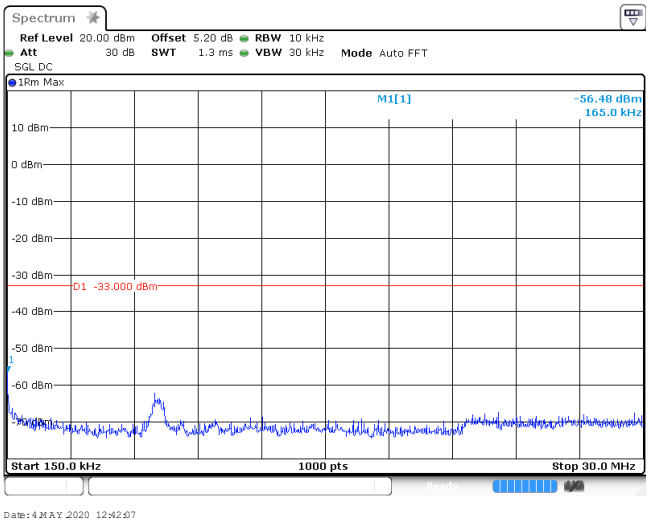

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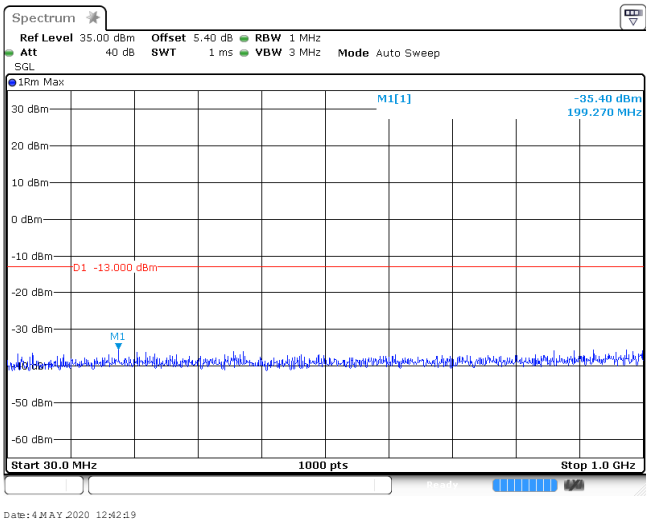

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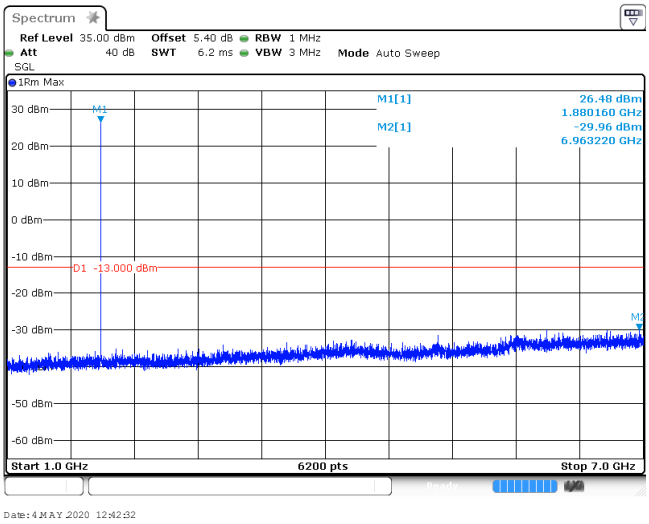

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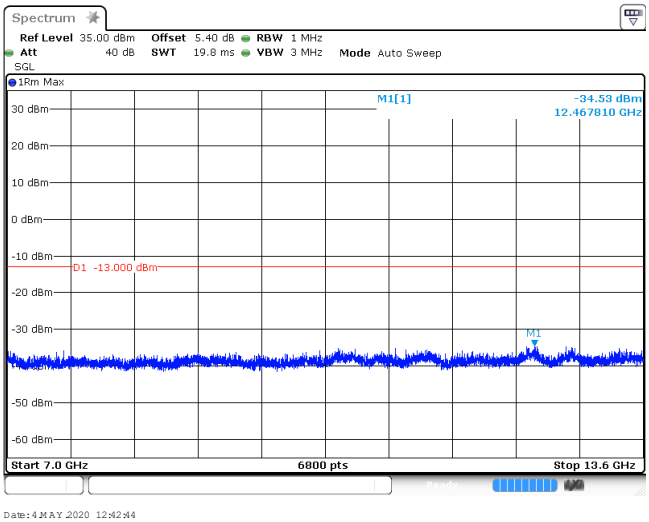

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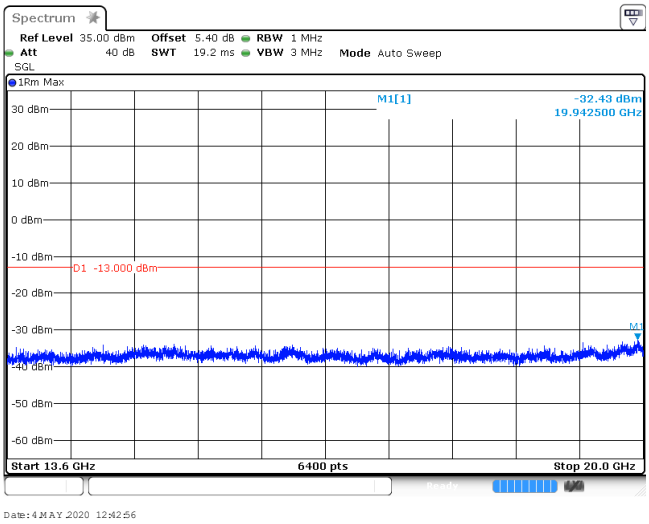

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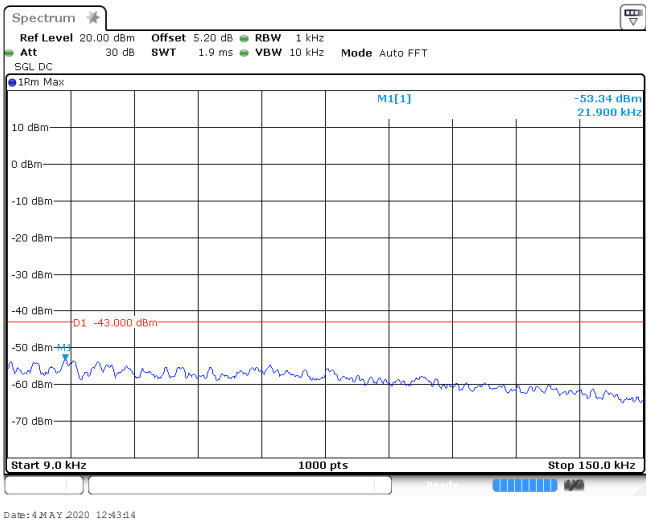

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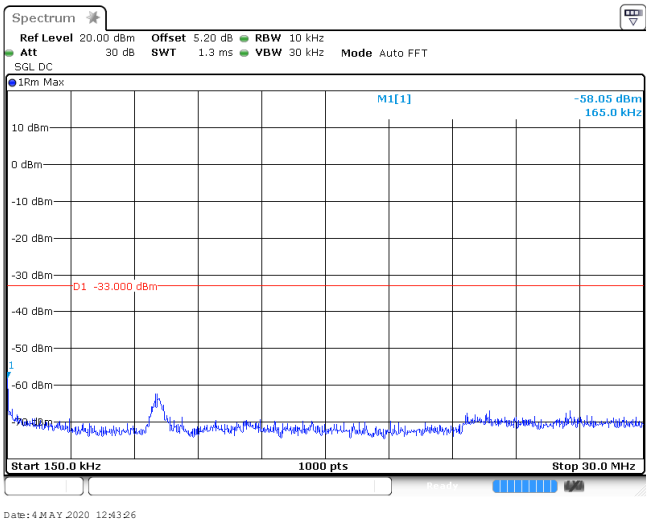

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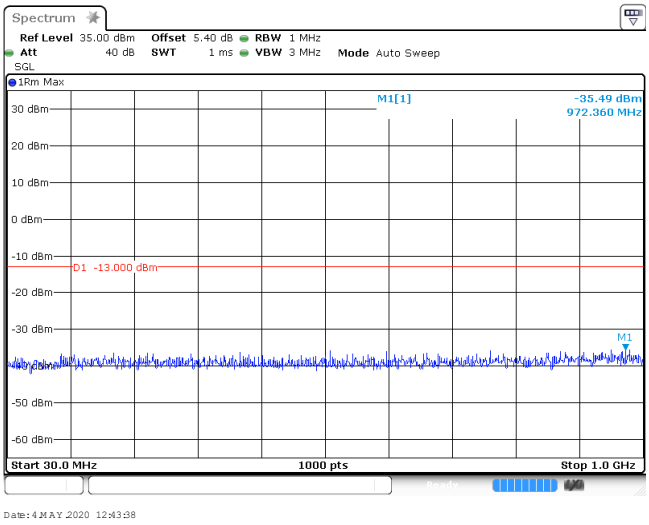

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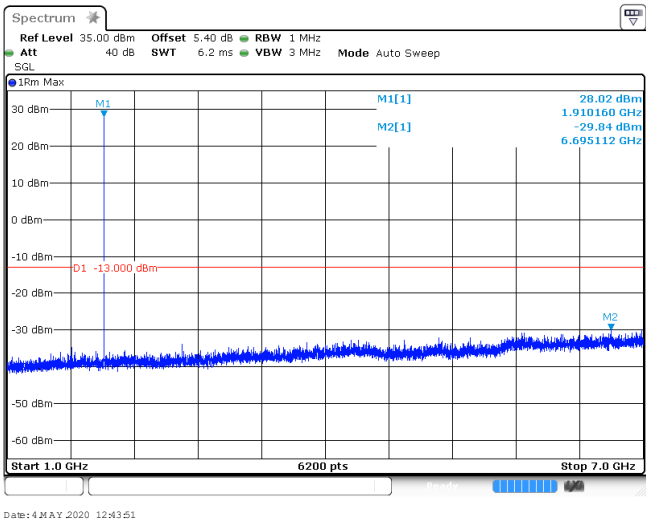

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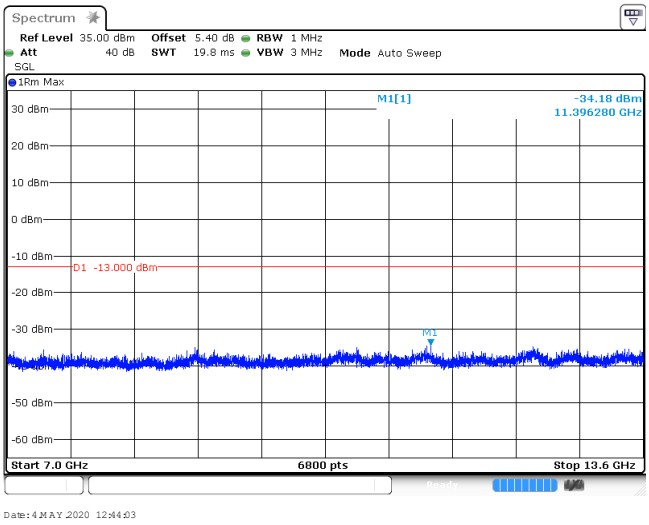

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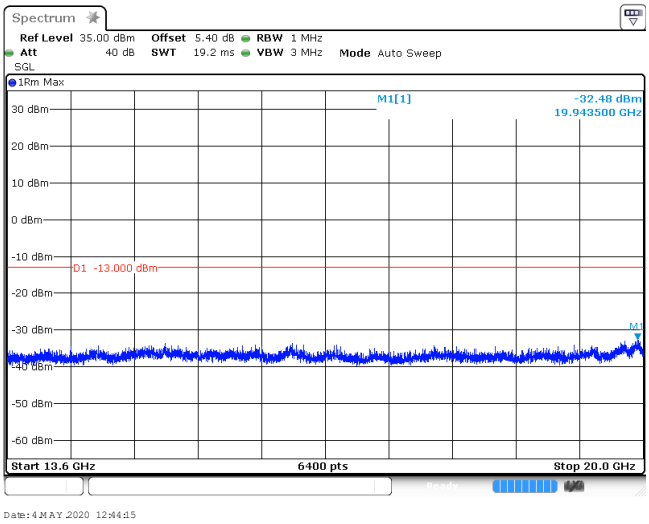

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7. Field Strength of Spurious Radiation

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
56.044500	-73.70	-13.00	60.70	193	196	Vertical
323.813000	-78.62	-13.00	65.62	136	33	Vertical
950.384500	-72.00	-13.00	59.00	187	283	Vertical
3700.350000	-53.55	-13.00	40.55	168	226	Vertical
5550.450000	-52.00	-13.00	39.00	128	128	Vertical
9295.100000	-51.72	-13.00	38.72	137	161	Vertical
57.257000	-66.88	-13.00	53.88	243	335	Horizontal
225.018500	-75.76	-13.00	62.76	141	321	Horizontal
965.031500	-71.22	-13.00	58.22	171	7	Horizontal
3700.000000	-52.80	-13.00	39.80	198	133	Horizontal
5550.450000	-45.29	-13.00	32.29	207	49	Horizontal
10608.712500	-50.08	-13.00	37.08	154	313	Horizontal

7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
56.626500	-67.84	-13.00	54.84	128	8	Vertical
556.564500	-75.36	-13.00	62.36	284	83	Vertical
964.934500	-70.48	-13.00	57.48	185	254	Vertical
3759.850000	-50.22	-13.00	37.22	154	147	Vertical
5640.050000	-39.01	-13.00	26.01	273	52	Vertical
9464.500000	-51.46	-13.00	38.46	241	40	Vertical
56.529500	-66.16	-13.00	53.16	137	130	Horizontal
227.443500	-75.53	-13.00	62.53	222	154	Horizontal
942.576000	-71.14	-13.00	58.14	225	255	Horizontal
3759.500000	-56.11	-13.00	43.11	231	102	Horizontal
5639.700000	-48.09	-13.00	35.09	107	275	Horizontal
9256.950000	-51.78	-13.00	38.78	165	297	Horizontal

7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization

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55.559500	-71.65	-13.00	58.65	252	95	Vertical
309.311500	-78.51	-13.00	65.51	187	220	Vertical
942.576000	-71.29	-13.00	58.29	131	248	Vertical
3819.350000	-50.48	-13.00	37.48	135	226	Vertical
5729.300000	-52.89	-13.00	39.89	162	149	Vertical
8666.150000	-52.14	-13.00	39.14	232	202	Vertical
57.160000	-69.20	-13.00	56.20	159	83	Horizontal
226.619000	-76.11	-13.00	63.11	110	86	Horizontal
930.451000	-71.19	-13.00	58.19	214	57	Horizontal
3819.350000	-53.06	-13.00	40.06	177	300	Horizontal
5729.650000	-48.58	-13.00	35.58	111	140	Horizontal
10529.787500	-51.19	-13.00	38.19	149	270	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
56.190000	-72.37	-13.00	59.37	207	289	Vertical
339.866500	-78.51	-13.00	65.51	255	85	Vertical
619.275000	-75.96	-13.00	62.96	206	193	Vertical
1648.500000	-48.45	-13.00	35.45	257	169	Vertical
2457.825000	-29.62	-13.00	16.62	208	338	Vertical
3299.600000	-57.18	-13.00	44.18	231	261	Vertical
57.548000	-67.62	-13.00	54.62	116	131	Horizontal
224.727500	-77.55	-13.00	64.55	159	285	Horizontal
624.755500	-75.82	-13.00	62.82	191	209	Horizontal
1648.725000	-50.87	-13.00	37.87	145	144	Horizontal
2472.525000	-43.15	-13.00	30.15	152	294	Horizontal
4120.700000	-54.18	-13.00	41.18	192	130	Horizontal

7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
55.899000	-70.35	-13.00	57.35	278	181	Vertical
332.009500	-78.56	-13.00	65.56	194	115	Vertical
1673.175000	-50.87	-13.00	37.87	183	58	Vertical
2509.875000	-40.31	-13.00	27.31	276	251	Vertical
3424.900000	-57.55	-13.00	44.55	232	145	Vertical
6599.750000	-53.76	-13.00	40.76	106	55	Vertical
56.966000	-65.35	-13.00	52.35	164	157	Horizontal

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229.141000	-75.39	-13.00	62.39	152	78	Horizontal
624.319000	-75.54	-13.00	62.54	135	123	Horizontal
1673.025000	-51.15	-13.00	38.15	291	343	Horizontal
2509.425000	-44.32	-13.00	31.32	131	308	Horizontal
3368.900000	-57.11	-13.00	44.11	166	318	Horizontal

7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
56.335500	-72.21	-13.00	59.21	145	312	Vertical
338.896500	-78.30	-13.00	65.30	297	228	Vertical
599.778000	-76.26	-13.00	63.26	157	40	Vertical
1697.550000	-49.62	-13.00	36.62	104	50	Vertical
2546.325000	-41.29	-13.00	28.29	236	68	Vertical
4243.900000	-53.33	-13.00	40.33	210	323	Vertical
57.548000	-67.51	-13.00	54.51	164	82	Horizontal
222.108500	-77.40	-13.00	64.40	113	5	Horizontal
624.076500	-75.15	-13.00	62.15	112	174	Horizontal
1697.625000	-51.94	-13.00	38.94	187	42	Horizontal
2546.625000	-46.79	-13.00	33.79	100	78	Horizontal
4244.250000	-53.22	-13.00	40.22	115	278	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 (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	0.81	0.000979	±2.5	PASS
GSM850	128	VN	TN	-1.74	-0.002115	±2.5	PASS
GSM850	128	VH	TN	-2.55	-0.003095	±2.5	PASS
GSM850	190	VL	TN	0.90	0.001081	±2.5	PASS
GSM850	190	VN	TN	0.58	0.000695	±2.5	PASS
GSM850	190	VH	TN	1.97	0.002354	±2.5	PASS
GSM850	251	VL	TN	-1.26	-0.001483	±2.5	PASS
GSM850	251	VN	TN	-1.45	-0.001712	±2.5	PASS
GSM850	251	VH	TN	1.65	0.001940	±2.5	PASS
EGPRS850	128	VL	TN	-1.42	-0.001724	±2.5	PASS
EGPRS850	128	VN	TN	5.13	0.006228	±2.5	PASS
EGPRS850	128	VH	TN	2.91	0.003526	±2.5	PASS
EGPRS850	190	VL	TN	1.74	0.002084	±2.5	PASS
EGPRS850	190	VN	TN	5.13	0.006136	±2.5	PASS
EGPRS850	190	VH	TN	-1.00	-0.001196	±2.5	PASS
EGPRS850	251	VL	TN	5.81	0.006847	±2.5	PASS
EGPRS850	251	VN	TN	0.94	0.001103	±2.5	PASS
EGPRS850	251	VH	TN	0.19	0.000228	±2.5	PASS
GSM1900	512	VL	TN	8.17	0.004415	±2.5	PASS
GSM1900	512	VN	TN	7.26	0.003926	±2.5	PASS
GSM1900	512	VH	TN	13.79	0.007451	±2.5	PASS
GSM1900	661	VL	TN	8.56	0.004551	±2.5	PASS
GSM1900	661	VN	TN	13.04	0.006938	±2.5	PASS
GSM1900	661	VH	TN	8.81	0.004688	±2.5	PASS
GSM1900	810	VL	TN	7.30	0.003821	±2.5	PASS
GSM1900	810	VN	TN	7.04	0.003685	±2.5	PASS
GSM1900	810	VH	TN	5.46	0.002857	±2.5	PASS
EGPRS1900	512	VL	TN	0.58	0.000314	±2.5	PASS
EGPRS1900	512	VN	TN	1.55	0.000838	±2.5	PASS
EGPRS1900	512	VH	TN	13.33	0.007207	±2.5	PASS
EGPRS1900	661	VL	TN	8.62	0.004585	±2.5	PASS
EGPRS1900	661	VN	TN	10.98	0.005839	±2.5	PASS
EGPRS1900	661	VH	TN	6.52	0.003469	±2.5	PASS
EGPRS1900	810	VL	TN	11.59	0.006069	±2.5	PASS
EGPRS1900	810	VN	TN	8.56	0.004480	±2.5	PASS
EGPRS1900	810	VH	TN	7.75	0.004057	±2.5	PASS

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8.1. Frequency Error Vs Temperature

Band	Channel	Voltage (Vdc)	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	4.39	0.005327	±2.5	PASS
GSM850	128	VN	-20	2.78	0.003369	±2.5	PASS
GSM850	128	VN	-10	-0.68	-0.000823	±2.5	PASS
GSM850	128	VN	0	-1.61	-0.001959	±2.5	PASS
GSM850	128	VN	10	-5.17	-0.006268	±2.5	PASS
GSM850	128	VN	20	-2.68	-0.003251	±2.5	PASS
GSM850	128	VN	30	-5.20	-0.006307	±2.5	PASS
GSM850	128	VN	40	-2.29	-0.002781	±2.5	PASS
GSM850	128	VN	50	-3.16	-0.003839	±2.5	PASS
GSM850	190	VN	-30	0.87	0.001042	±2.5	PASS
GSM850	190	VN	-20	2.20	0.002624	±2.5	PASS
GSM850	190	VN	-10	5.23	0.006252	±2.5	PASS
GSM850	190	VN	0	1.07	0.001274	±2.5	PASS
GSM850	190	VN	10	-1.68	-0.002007	±2.5	PASS
GSM850	190	VN	20	-2.39	-0.002856	±2.5	PASS
GSM850	190	VN	30	-1.23	-0.001466	±2.5	PASS
GSM850	190	VN	40	0.26	0.000309	±2.5	PASS
GSM850	190	VN	50	-2.39	-0.002856	±2.5	PASS
GSM850	251	VN	-30	0.58	0.000685	±2.5	PASS
GSM850	251	VN	-20	4.94	0.005820	±2.5	PASS
GSM850	251	VN	-10	1.87	0.002206	±2.5	PASS
GSM850	251	VN	0	-3.10	-0.003652	±2.5	PASS
GSM850	251	VN	10	-1.68	-0.001978	±2.5	PASS
GSM850	251	VN	20	2.29	0.002701	±2.5	PASS
GSM850	251	VN	30	-0.16	-0.000190	±2.5	PASS
GSM850	251	VN	40	-0.03	-0.000038	±2.5	PASS
GSM850	251	VN	50	-0.87	-0.001027	±2.5	PASS
EGPRS850	128	VN	-30	1.00	0.001214	±2.5	PASS
EGPRS850	128	VN	-20	3.39	0.004113	±2.5	PASS
EGPRS850	128	VN	-10	-0.71	-0.000862	±2.5	PASS
EGPRS850	128	VN	0	3.75	0.004544	±2.5	PASS
EGPRS850	128	VN	10	-1.32	-0.001606	±2.5	PASS
EGPRS850	128	VN	20	3.94	0.004779	±2.5	PASS
EGPRS850	128	VN	30	1.78	0.002154	±2.5	PASS
EGPRS850	128	VN	40	3.81	0.004622	±2.5	PASS
EGPRS850	128	VN	50	0.42	0.000509	±2.5	PASS
EGPRS850	190	VN	-30	1.16	0.001389	±2.5	PASS
EGPRS850	190	VN	-20	-1.61	-0.001930	±2.5	PASS
EGPRS850	190	VN	-10	1.58	0.001891	±2.5	PASS
EGPRS850	190	VN	0	-0.26	-0.000309	±2.5	PASS
EGPRS850	190	VN	10	3.10	0.003705	±2.5	PASS
EGPRS850	190	VN	20	0.58	0.000695	±2.5	PASS
EGPRS850	190	VN	30	3.07	0.003666	±2.5	PASS

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EGPRS850	190	VN	40	0.03	0.000039	±2.5	PASS
EGPRS850	190	VN	50	1.61	0.001930	±2.5	PASS
EGPRS850	251	VN	-30	0.68	0.000799	±2.5	PASS
EGPRS850	251	VN	-20	1.87	0.002206	±2.5	PASS
EGPRS850	251	VN	-10	1.26	0.001483	±2.5	PASS
EGPRS850	251	VN	0	0.16	0.000190	±2.5	PASS
EGPRS850	251	VN	10	-0.42	-0.000494	±2.5	PASS
EGPRS850	251	VN	20	-0.65	-0.000761	±2.5	PASS
EGPRS850	251	VN	30	0.65	0.000761	±2.5	PASS
EGPRS850	251	VN	40	-1.68	-0.001978	±2.5	PASS
EGPRS850	251	VN	50	3.13	0.003690	±2.5	PASS
GSM1900	512	VN	-30	8.59	0.004642	±2.5	PASS
GSM1900	512	VN	-20	9.91	0.005357	±2.5	PASS
GSM1900	512	VN	-10	12.82	0.006928	±2.5	PASS
GSM1900	512	VN	0	1.84	0.000995	±2.5	PASS
GSM1900	512	VN	10	0.19	0.000105	±2.5	PASS
GSM1900	512	VN	20	-1.36	-0.000733	±2.5	PASS
GSM1900	512	VN	30	-2.49	-0.001344	±2.5	PASS
GSM1900	512	VN	40	0.65	0.000349	±2.5	PASS
GSM1900	512	VN	50	1.45	0.000785	±2.5	PASS
GSM1900	661	VN	-30	11.36	0.006045	±2.5	PASS
GSM1900	661	VN	-20	11.24	0.005976	±2.5	PASS
GSM1900	661	VN	-10	6.97	0.003709	±2.5	PASS
GSM1900	661	VN	0	3.55	0.001889	±2.5	PASS
GSM1900	661	VN	10	3.58	0.001906	±2.5	PASS
GSM1900	661	VN	20	2.74	0.001460	±2.5	PASS
GSM1900	661	VN	30	0.45	0.000240	±2.5	PASS
GSM1900	661	VN	40	-1.81	-0.000962	±2.5	PASS
GSM1900	661	VN	50	1.78	0.000945	±2.5	PASS
GSM1900	810	VN	-30	7.04	0.003685	±2.5	PASS
GSM1900	810	VN	-20	7.59	0.003973	±2.5	PASS
GSM1900	810	VN	-10	4.94	0.002587	±2.5	PASS
GSM1900	810	VN	0	9.10	0.004767	±2.5	PASS
GSM1900	810	VN	10	0.06	0.000034	±2.5	PASS
GSM1900	810	VN	20	-0.39	-0.000203	±2.5	PASS
GSM1900	810	VN	30	-4.07	-0.002130	±2.5	PASS
GSM1900	810	VN	40	1.90	0.000997	±2.5	PASS
GSM1900	810	VN	50	1.45	0.000761	±2.5	PASS
EGPRS1900	512	VN	-30	2.26	0.001221	±2.5	PASS
EGPRS1900	512	VN	-20	4.46	0.002408	±2.5	PASS
EGPRS1900	512	VN	-10	12.88	0.006963	±2.5	PASS
EGPRS1900	512	VN	0	8.39	0.004537	±2.5	PASS
EGPRS1900	512	VN	10	4.04	0.002181	±2.5	PASS
EGPRS1900	512	VN	20	8.59	0.004642	±2.5	PASS
EGPRS1900	512	VN	30	2.55	0.001379	±2.5	PASS
EGPRS1900	512	VN	40	1.65	0.000890	±2.5	PASS
EGPRS1900	512	VN	50	-3.97	-0.002146	±2.5	PASS

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EGPRS1900	661	VN	-30	3.94	0.002095	±2.5	PASS
EGPRS1900	661	VN	-20	8.04	0.004276	±2.5	PASS
EGPRS1900	661	VN	-10	4.46	0.002370	±2.5	PASS
EGPRS1900	661	VN	0	10.91	0.005805	±2.5	PASS
EGPRS1900	661	VN	10	9.46	0.005032	±2.5	PASS
EGPRS1900	661	VN	20	4.71	0.002507	±2.5	PASS
EGPRS1900	661	VN	30	-2.16	-0.001151	±2.5	PASS
EGPRS1900	661	VN	40	-0.81	-0.000429	±2.5	PASS
EGPRS1900	661	VN	50	5.00	0.002662	±2.5	PASS
EGPRS1900	810	VN	-30	5.36	0.002806	±2.5	PASS
EGPRS1900	810	VN	-20	5.07	0.002654	±2.5	PASS
EGPRS1900	810	VN	-10	5.26	0.002756	±2.5	PASS
EGPRS1900	810	VN	0	8.65	0.004531	±2.5	PASS
EGPRS1900	810	VN	10	4.62	0.002417	±2.5	PASS
EGPRS1900	810	VN	20	4.84	0.002536	±2.5	PASS
EGPRS1900	810	VN	30	2.10	0.001099	±2.5	PASS
EGPRS1900	810	VN	40	3.20	0.001674	±2.5	PASS
EGPRS1900	810	VN	50	4.88	0.002553	±2.5	PASS

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