



Appendix B

GSM850&1900



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1. Effective (Isotropic) Radiated Power Output Data

1.1. Test Result for Down Antenna

BAND	Channel	Slot	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
GSM850	128	---	32.95	24.03	38.45	PASS
GSM850	190	---	32.92	24.00	38.45	PASS
GSM850	251	---	33.20	24.28	38.45	PASS
EGPRS850	128	1	26.22	17.30	38.45	PASS
EGPRS850	128	2	24.00	15.08	38.45	PASS
EGPRS850	128	3	21.89	12.97	38.45	PASS
EGPRS850	128	4	19.50	10.58	38.45	PASS
EGPRS850	190	1	26.37	17.45	38.45	PASS
EGPRS850	190	2	24.26	15.34	38.45	PASS
EGPRS850	190	3	22.19	13.27	38.45	PASS
EGPRS850	190	4	19.84	10.92	38.45	PASS
EGPRS850	251	1	26.42	17.50	38.45	PASS
EGPRS850	251	2	24.28	15.36	38.45	PASS
EGPRS850	251	3	22.18	13.26	38.45	PASS
EGPRS850	251	4	19.97	11.05	38.45	PASS

BAND	Channel	Slot	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.98	29.77	33.00	PASS
GSM1900	661	---	30.01	29.80	33.00	PASS
GSM1900	810	---	30.18	29.97	33.00	PASS
EGPRS1900	512	1	25.65	25.44	33.00	PASS
EGPRS1900	512	2	23.60	23.39	33.00	PASS
EGPRS1900	512	3	21.24	21.03	33.00	PASS
EGPRS1900	512	4	19.91	19.70	33.00	PASS
EGPRS1900	661	1	25.42	25.21	33.00	PASS
EGPRS1900	661	2	23.37	23.16	33.00	PASS
EGPRS1900	661	3	21.13	20.92	33.00	PASS
EGPRS1900	661	4	20.28	20.07	33.00	PASS
EGPRS1900	810	1	25.74	25.53	33.00	PASS
EGPRS1900	810	2	23.66	23.45	33.00	PASS
EGPRS1900	810	3	21.48	21.27	33.00	PASS
EGPRS1900	810	4	19.91	19.70	33.00	PASS



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1.2. Test Result for Up Antenna

BAND	Channel	Slot	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
GSM850	128	---	32.44	23.25	38.45	PASS
GSM850	190	---	32.15	22.96	38.45	PASS
GSM850	251	---	32.42	23.23	38.45	PASS
EGPRS850	128	1	26.18	16.99	38.45	PASS
EGPRS850	128	2	24.11	14.92	38.45	PASS
EGPRS850	128	3	21.97	12.78	38.45	PASS
EGPRS850	128	4	19.81	10.62	38.45	PASS
EGPRS850	190	1	25.87	16.68	38.45	PASS
EGPRS850	190	2	24.15	14.96	38.45	PASS
EGPRS850	190	3	21.95	12.76	38.45	PASS
EGPRS850	190	4	19.84	10.65	38.45	PASS
EGPRS850	251	1	25.95	16.76	38.45	PASS
EGPRS850	251	2	24.07	14.88	38.45	PASS
EGPRS850	251	3	22.18	12.99	38.45	PASS
EGPRS850	251	4	20.11	10.92	38.45	PASS

BAND	Channel	Slot	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.78	26.81	33.00	PASS
GSM1900	661	---	29.73	26.76	33.00	PASS
GSM1900	810	---	29.96	26.99	33.00	PASS
EGPRS1900	512	1	25.48	22.51	33.00	PASS
EGPRS1900	512	2	23.66	20.69	33.00	PASS
EGPRS1900	512	3	21.69	18.72	33.00	PASS
EGPRS1900	512	4	19.54	16.57	33.00	PASS
EGPRS1900	661	1	25.41	22.44	33.00	PASS
EGPRS1900	661	2	23.43	20.46	33.00	PASS
EGPRS1900	661	3	21.35	18.38	33.00	PASS
EGPRS1900	661	4	19.63	16.66	33.00	PASS
EGPRS1900	810	1	25.44	22.47	33.00	PASS
EGPRS1900	810	2	23.43	20.46	33.00	PASS
EGPRS1900	810	3	21.33	18.36	33.00	PASS
EGPRS1900	810	4	19.48	16.51	33.00	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it, ERP [dBm] = Conducted Power [dBm] + Gain [dBd]; EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]



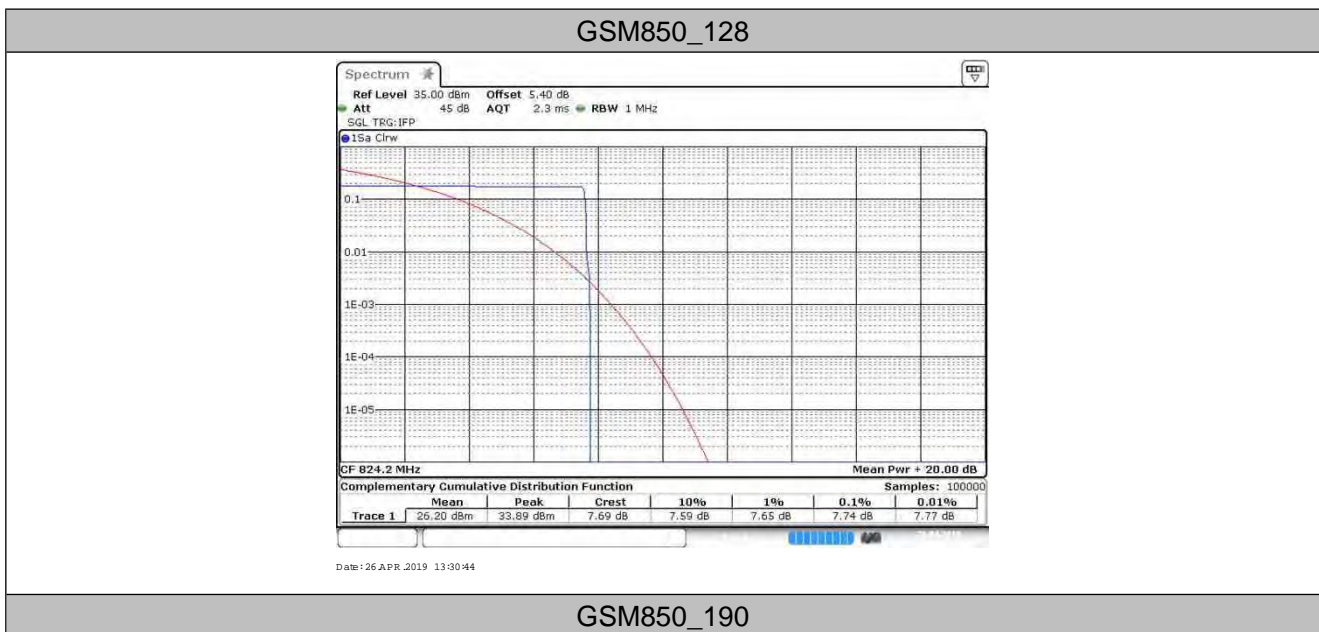
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2. Peak-to-Average Ratio

2.1. Test Result

BAND	Channel	Peak-to-Average Ratio(dB)	Limit(dB)	Verdict
GSM850	128	7.74	13	PASS
GSM850	190	7.74	13	PASS
GSM850	251	7.80	13	PASS
EGPRS850	128	10.35	13	PASS
EGPRS850	190	10.17	13	PASS
EGPRS850	251	10.14	13	PASS
GSM1900	512	7.80	13	PASS
GSM1900	661	7.77	13	PASS
GSM1900	810	7.80	13	PASS
EGPRS1900	512	10.72	13	PASS
EGPRS1900	661	10.29	13	PASS
EGPRS1900	810	10.67	13	PASS

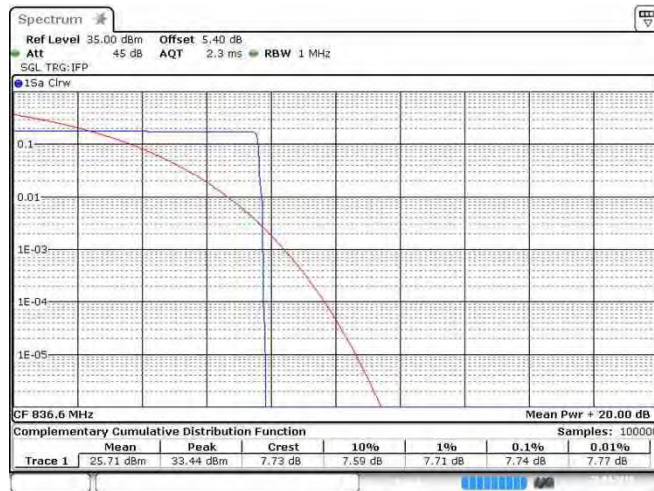
2.2. Part II - Test Plots



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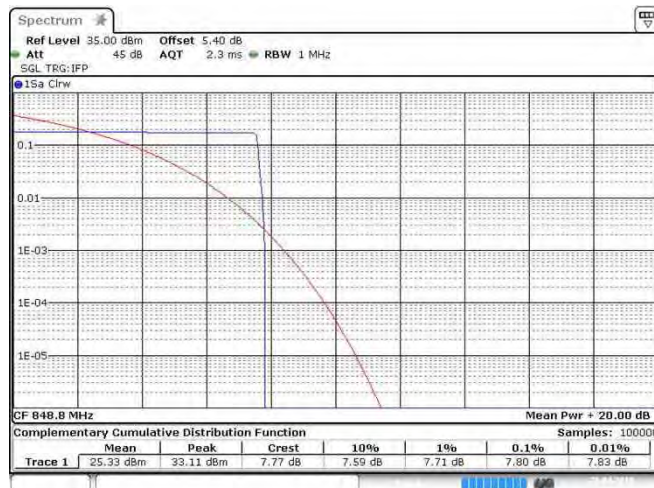
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GSM850_251

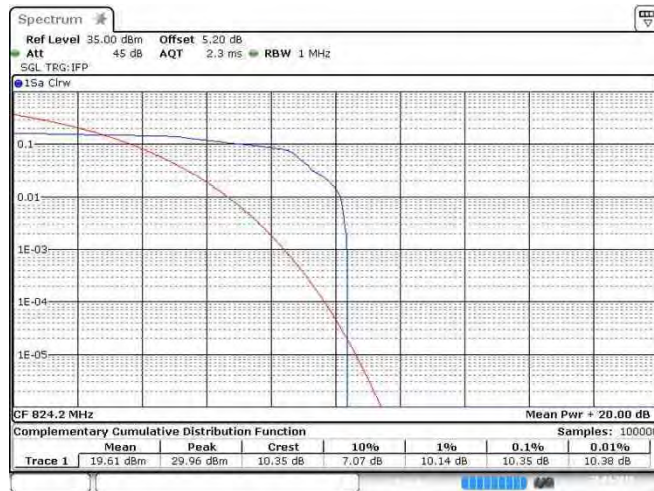


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EGPRS850_128

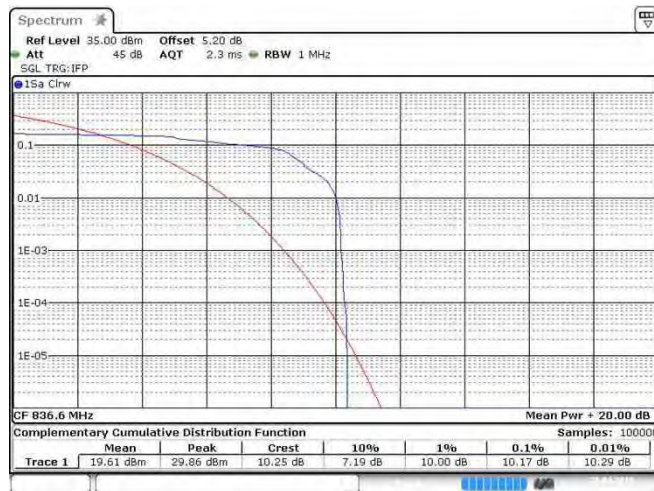


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EGPRS850_190

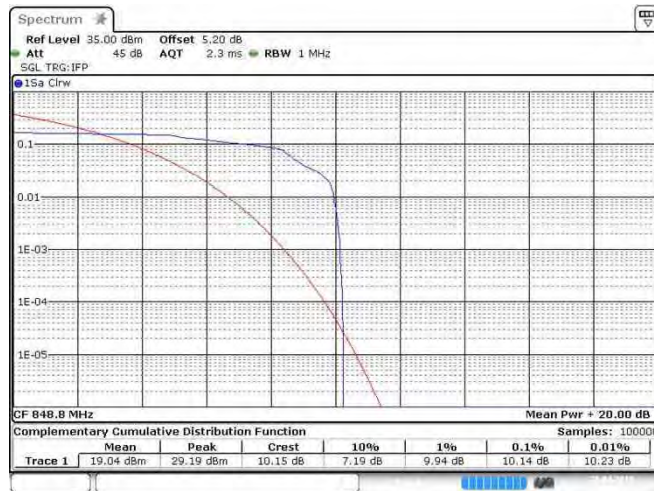


Date: 26 APR 2019 13:39:08

EGPRS850_251

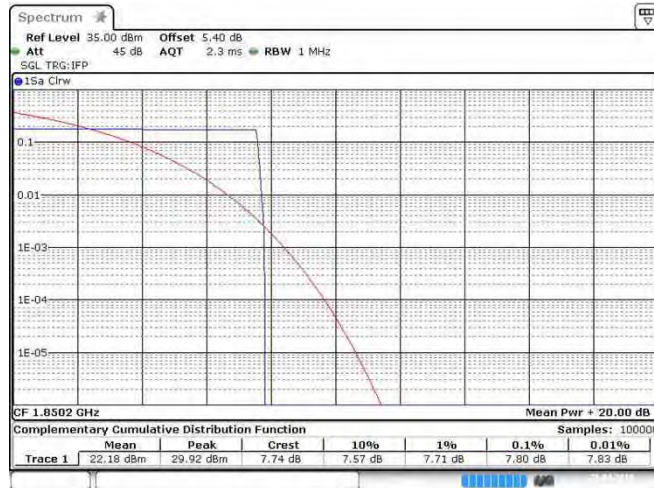


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GSM1900_512

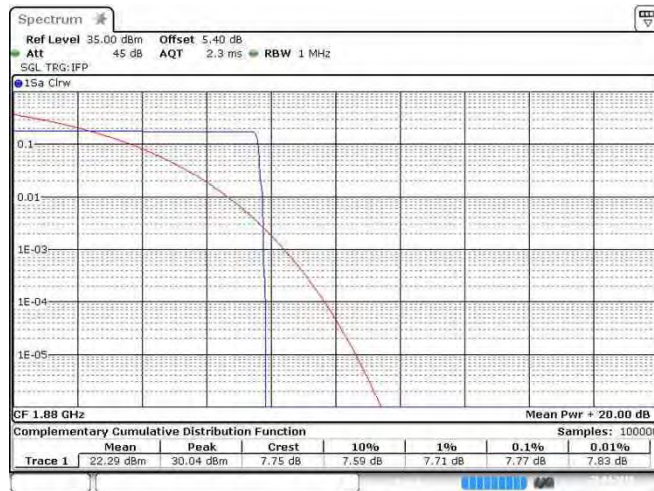


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GSM1900_661

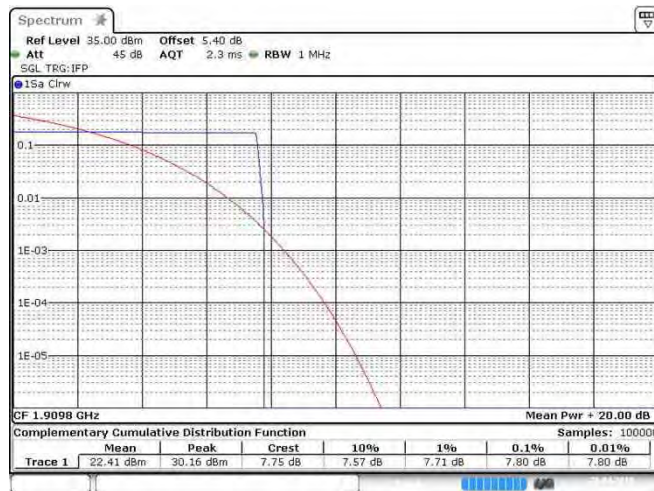


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GSM1900_810

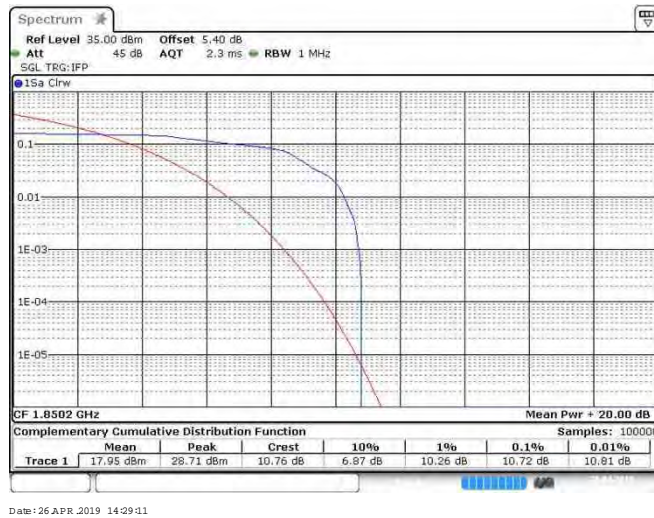


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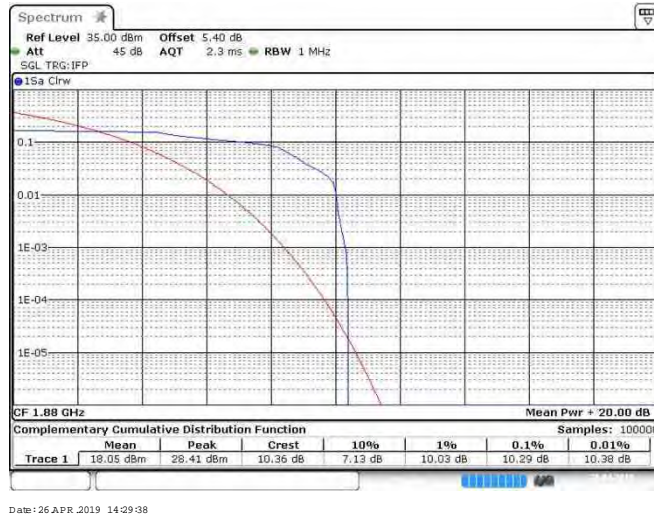


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EGPRS1900_661



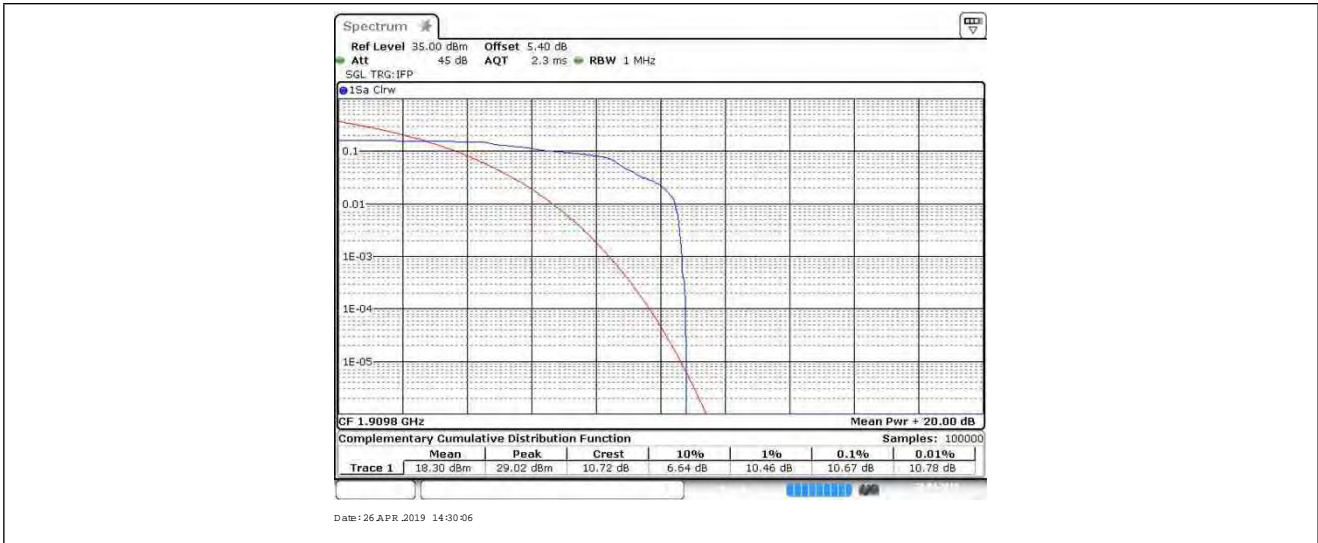
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EGPRS1900_810



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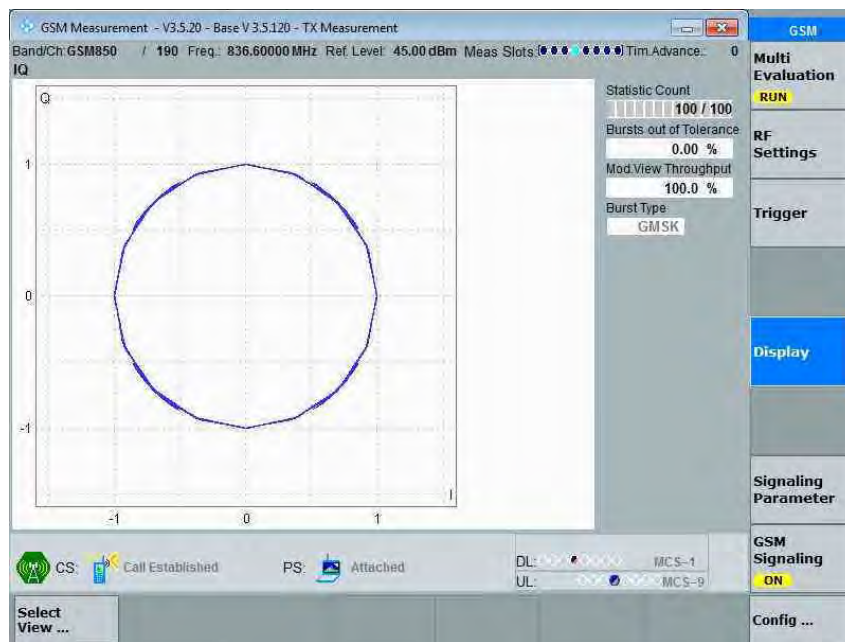
3. Modulation Characteristics

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

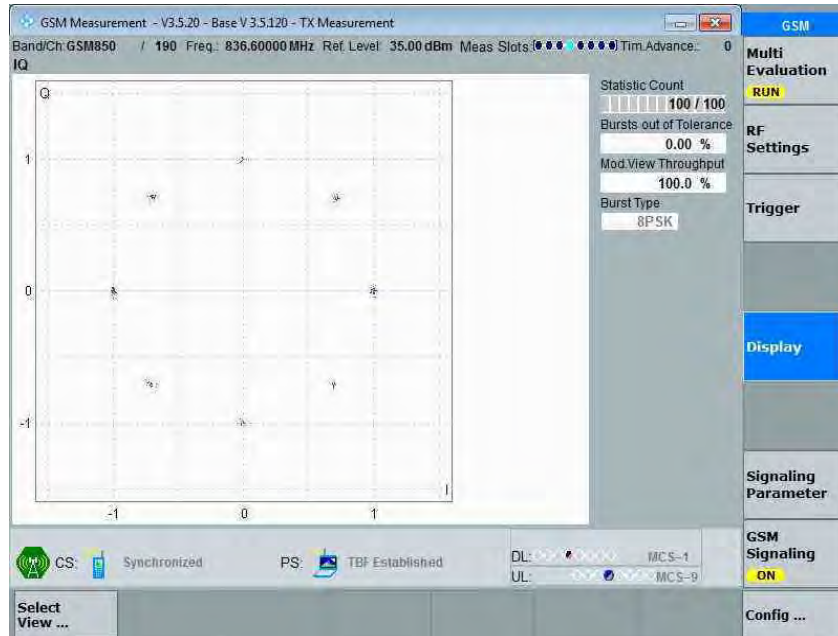


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3.1.1.2. Test Mode = GSM/TM2

3.1.1.2.1. Test Channel = MCH

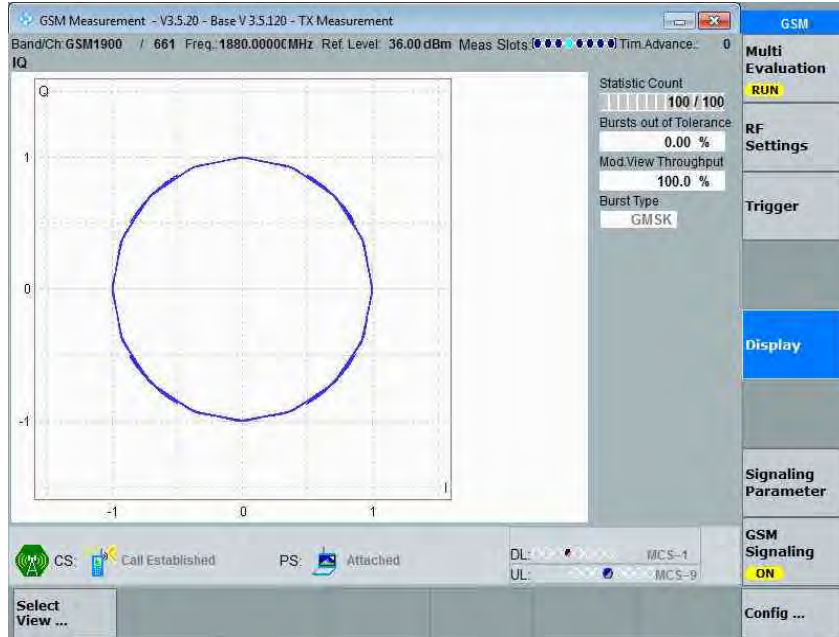


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3.1.2. Test BAND = GSM 1900

3.1.2.1. Test Mode = GSM/TM1

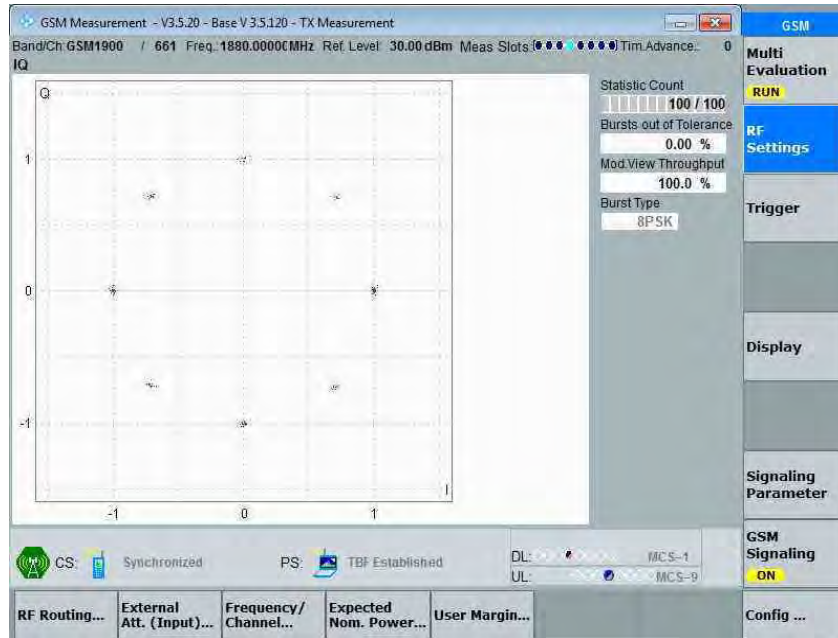
3.1.2.1.1. Test Channel = MCH



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3.1.2.2. Test Mode = GSM/TM2

3.1.2.2.1. Test Channel = MCH



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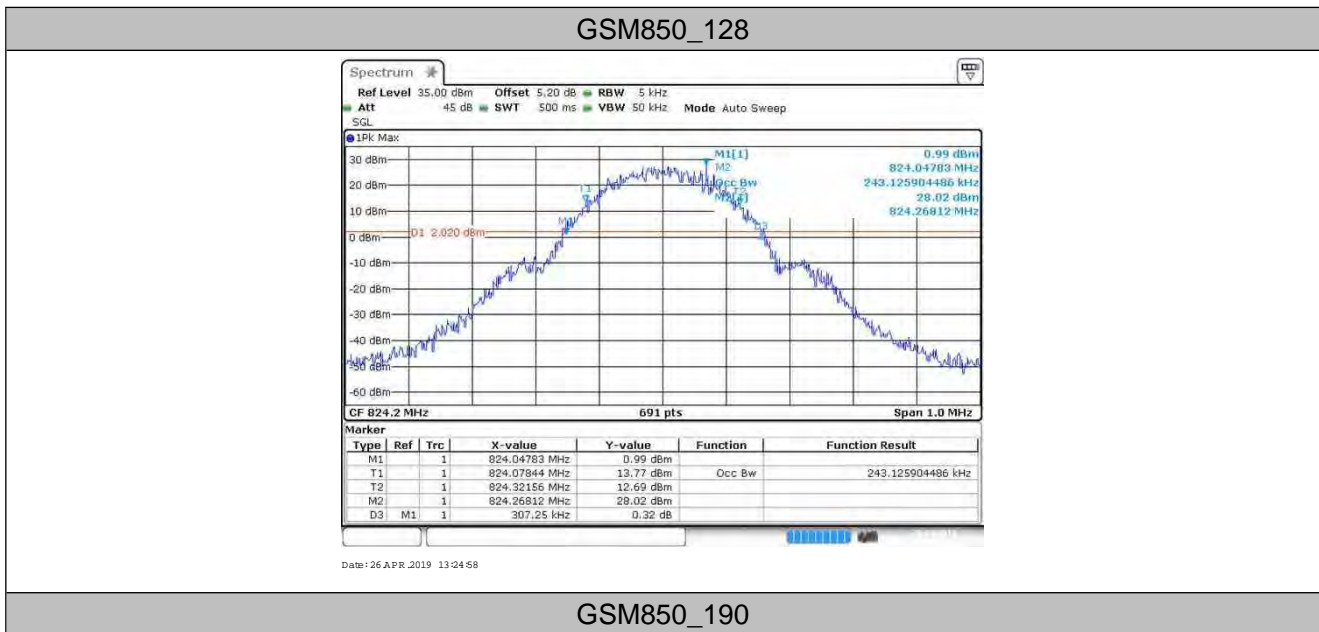


4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

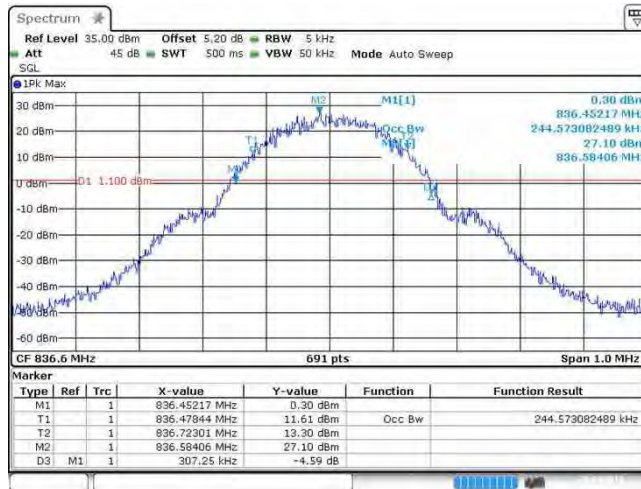
BAND	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
GSM850	128	243.13	307.25	---	PASS
GSM850	190	244.57	307.25	---	PASS
GSM850	251	247.47	301.45	---	PASS
EGPRS850	128	253.26	300.00	---	PASS
EGPRS850	190	254.70	313.04	---	PASS
EGPRS850	251	251.81	297.10	---	PASS
GSM1900	512	243.13	305.80	---	PASS
GSM1900	661	241.68	294.20	---	PASS
GSM1900	810	240.23	302.90	---	PASS
EGPRS1900	512	250.36	300.00	---	PASS
EGPRS1900	661	250.36	302.90	---	PASS
EGPRS1900	810	247.47	307.25	---	PASS

4.2. Test Plots



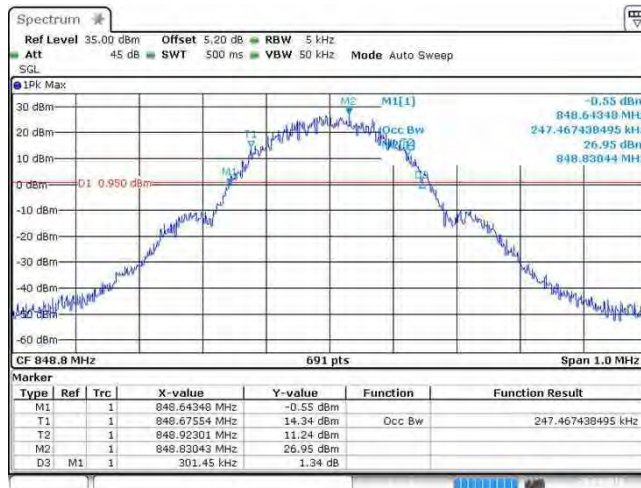
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Date: 26 APR. 2019 13:25:24

GSM850_251

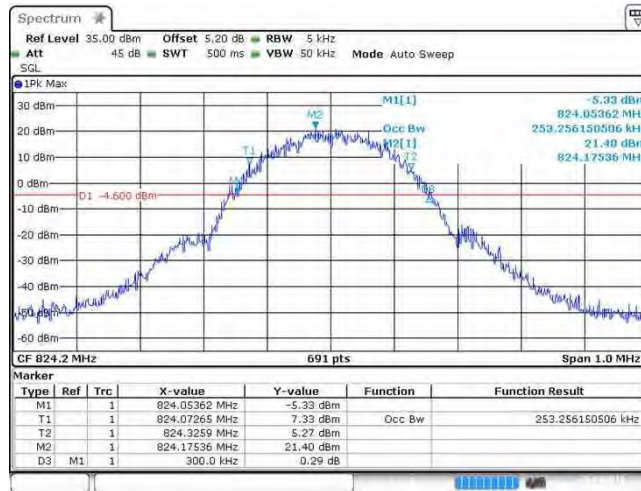


Date: 26 APR. 2019 13:25:50

EGPRS850_128

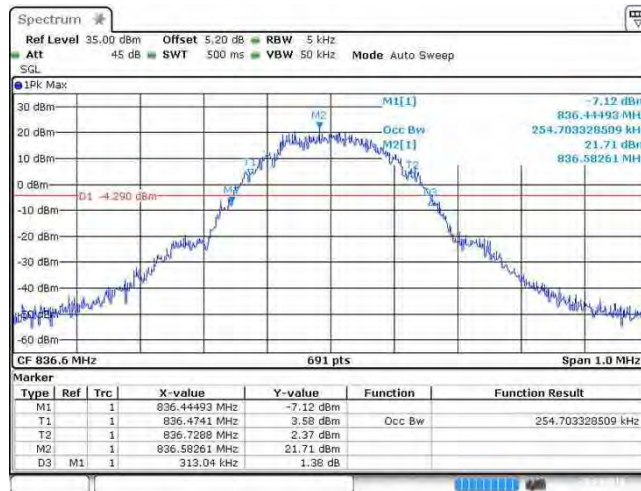


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Date: 26 APR. 2019 13:32:58

EGPRS850_190

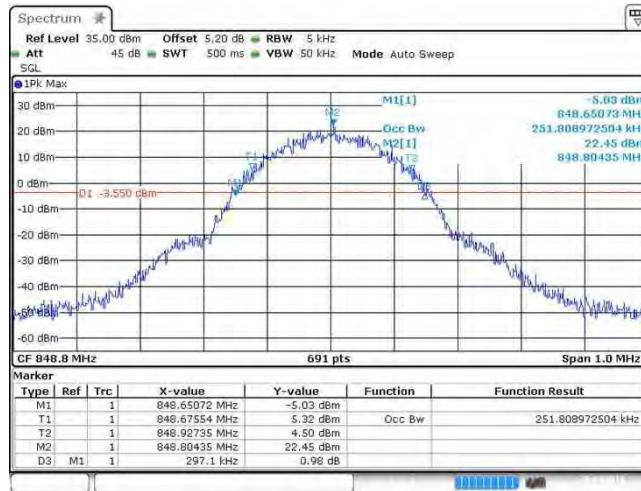


Date: 26 APR. 2019 13:33:26

EGPRS850_251

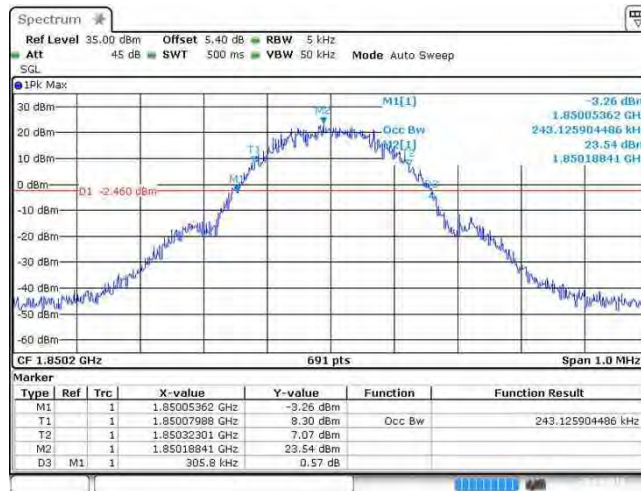


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Date: 26 APR. 2019 13:33:54

GSM1900_512

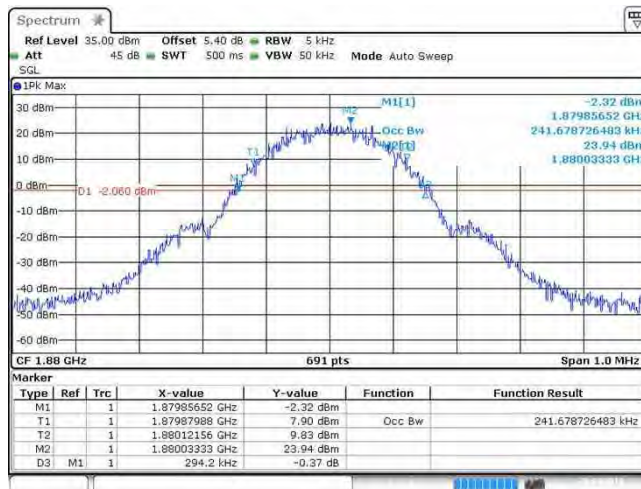


Date: 26 APR. 2019 14:13:02

GSM1900_661

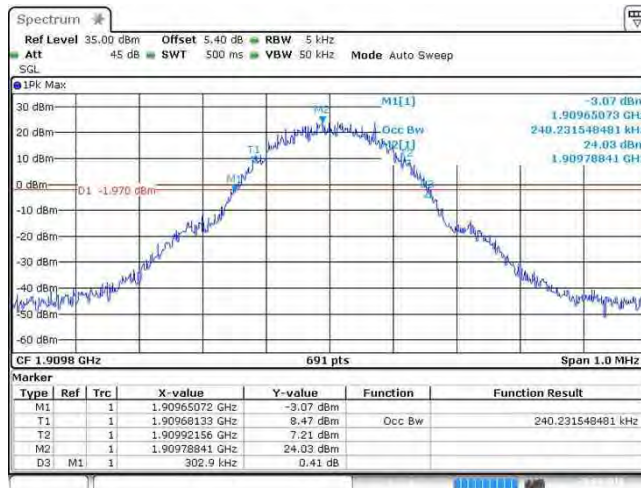


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Date: 26 APR. 2019 14:13:28

GSM1900_810

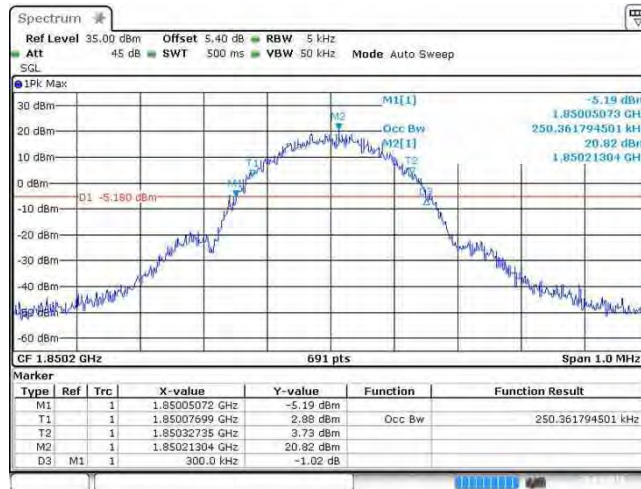


Date: 26 APR. 2019 14:13:54

EGPRS1900_512

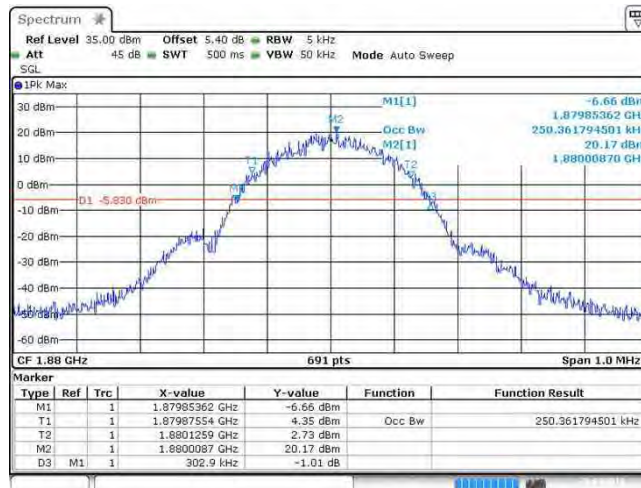


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Date: 26 APR. 2019 14:22:17

EGPRS1900_661

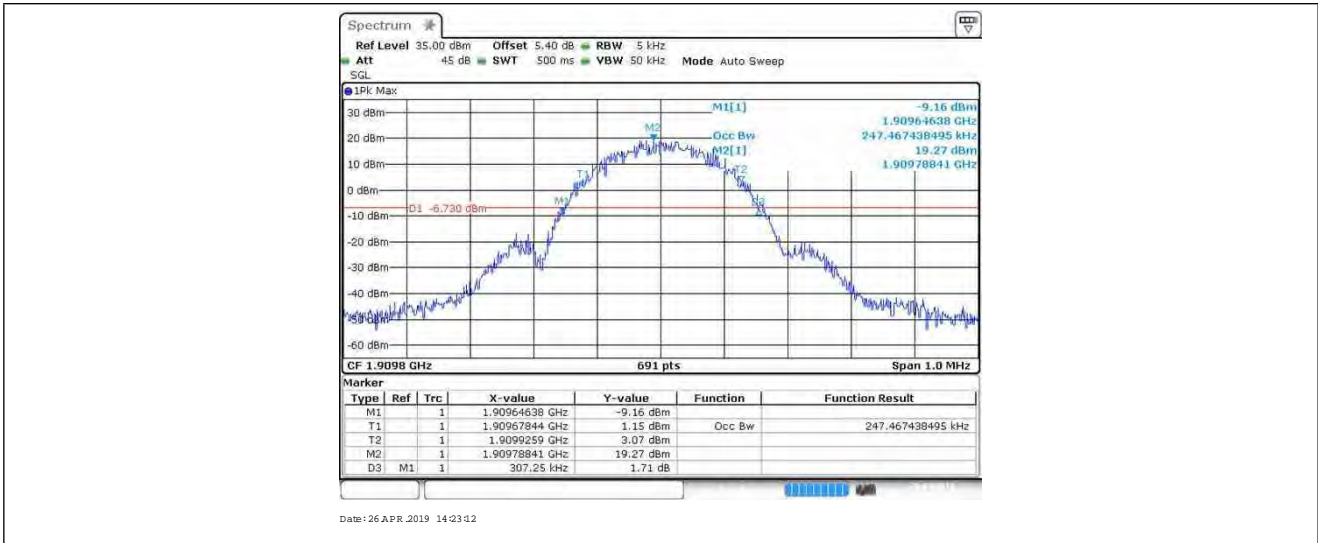


Date: 26 APR. 2019 14:22:45

EGPRS1900_810



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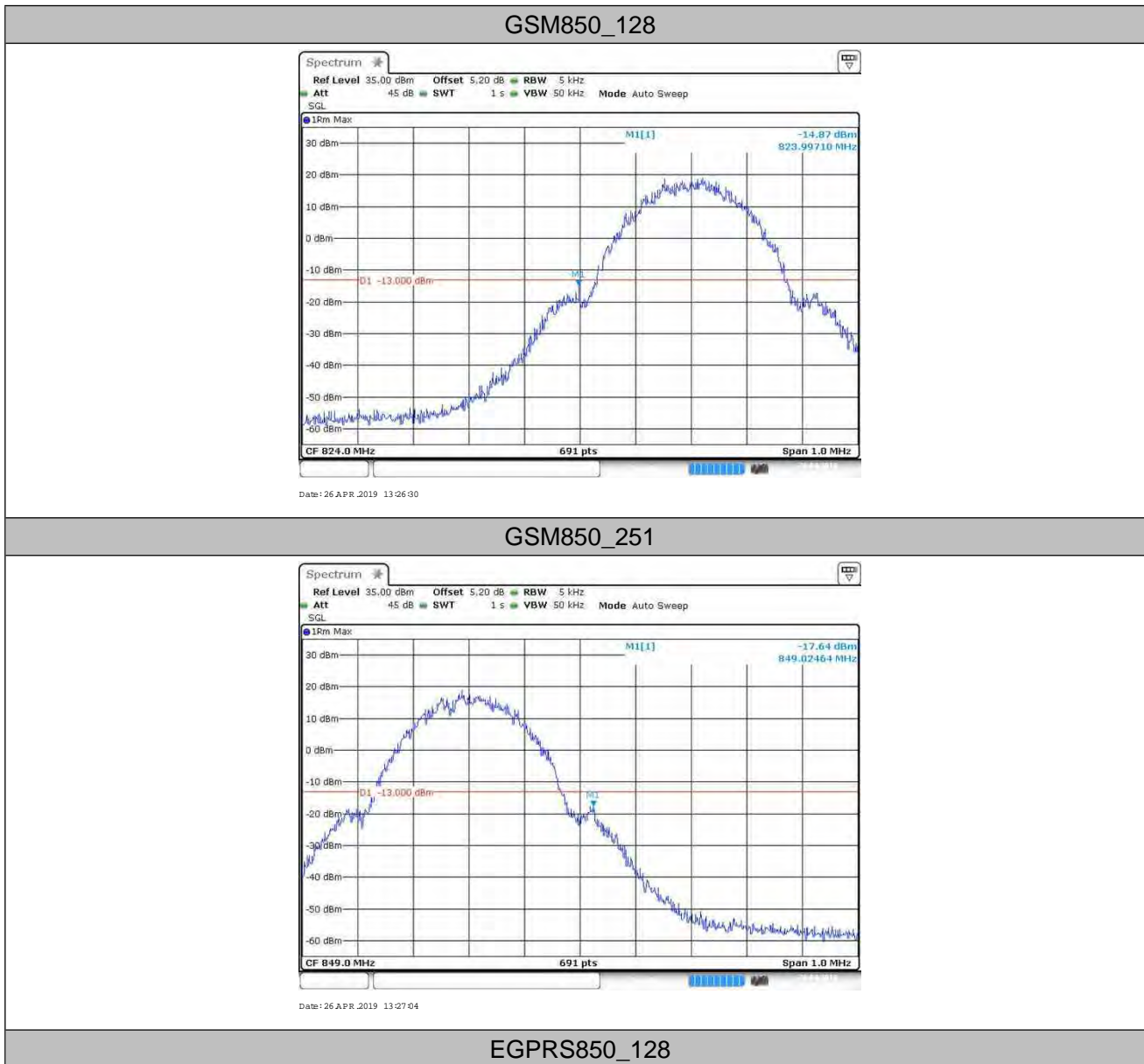
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5. Band Edge Compliance

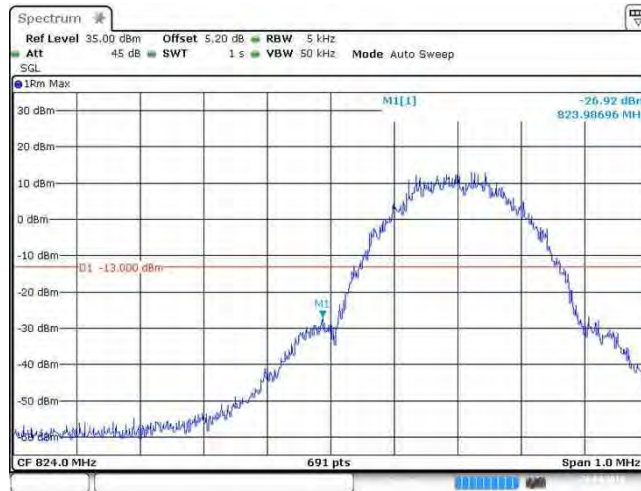
5.1. Test Plots



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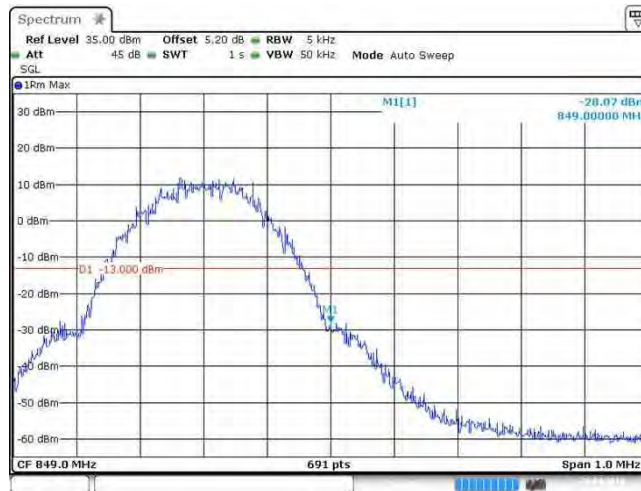
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Date: 26 APR. 2019 13:34:35

EGPRS850_251

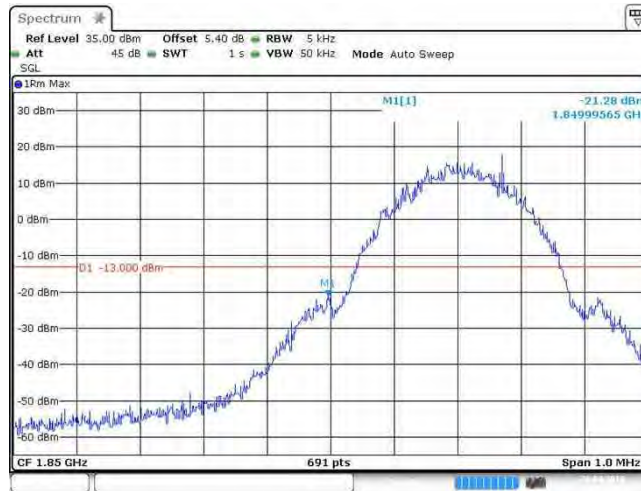


Date: 26 APR. 2019 13:35:09

GSM1900_512

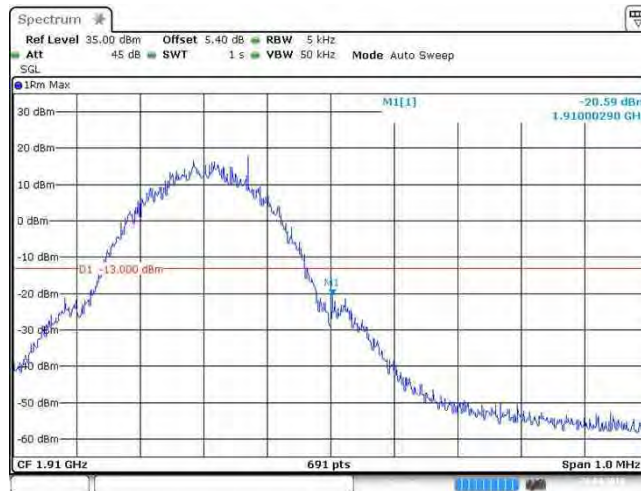


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Date: 26 APR. 2019 14:04:04

GSM1900_810

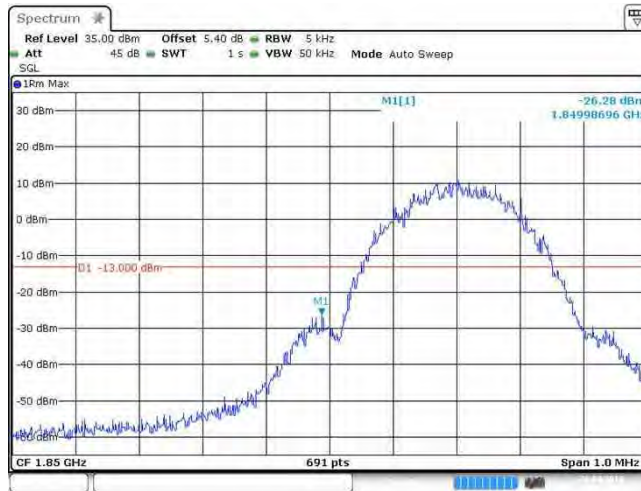


Date: 26 APR. 2019 14:05:08

EGPRS1900_512

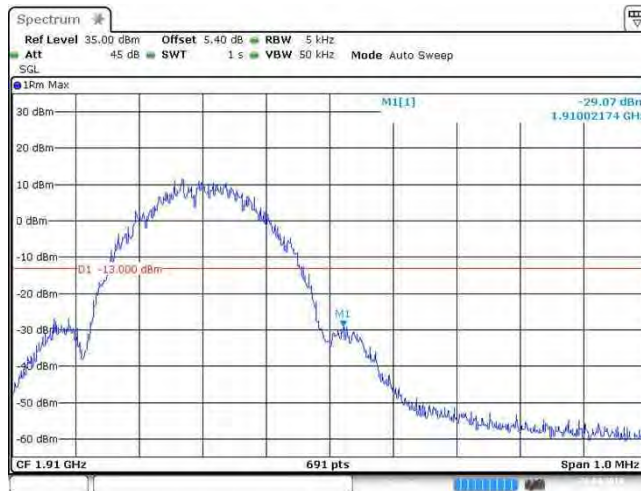


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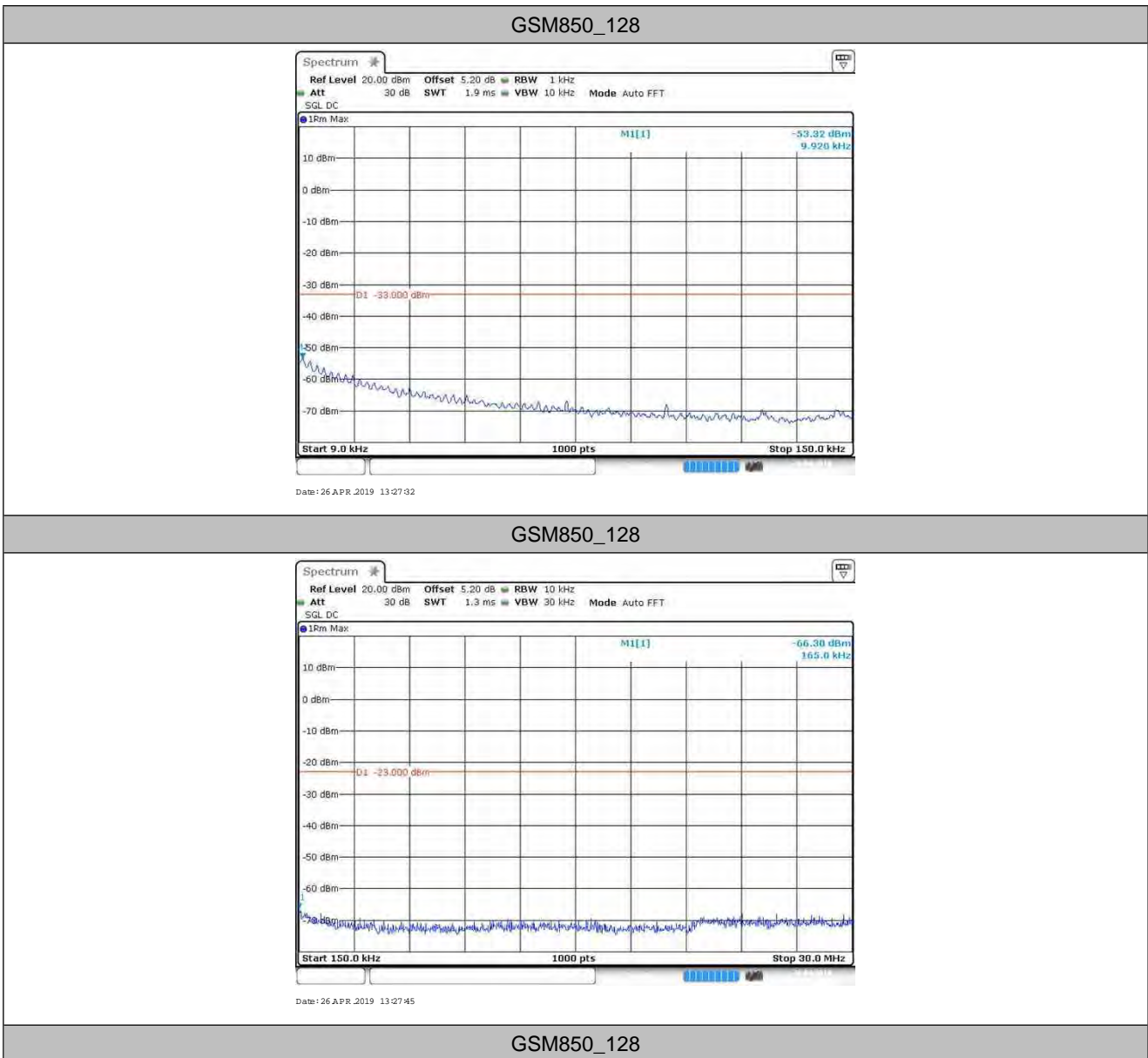
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6. Spurious Emission at Antenna Terminal

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

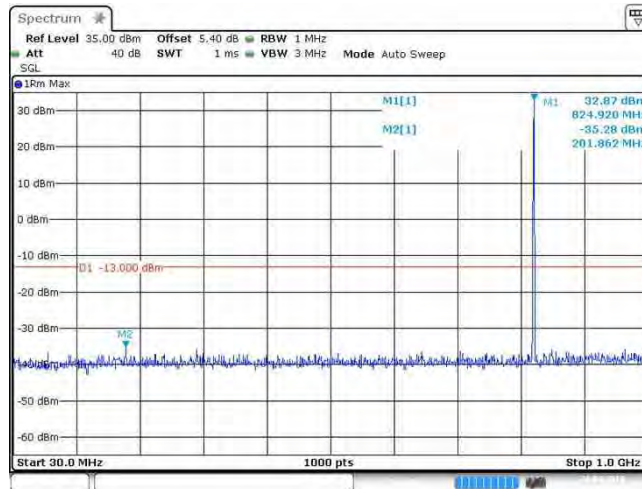
Remark2: only the worst case data displayed in this report.

6.1. Test Plots



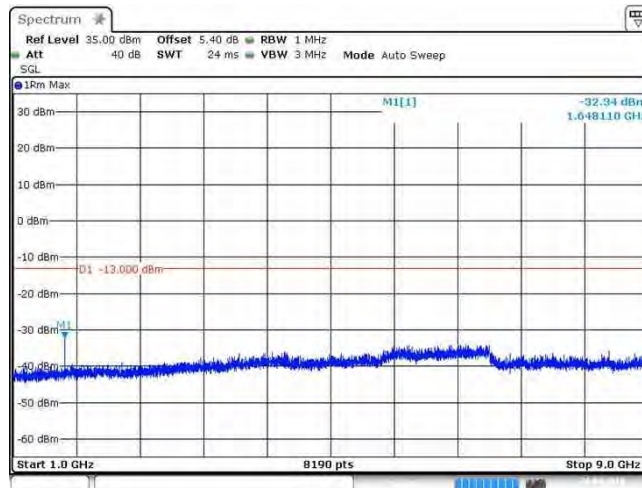
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GSM850_128



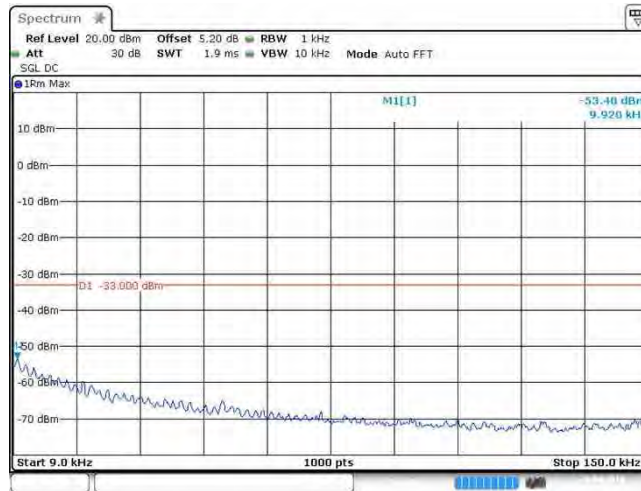
Date: 26 APR. 2019 13:28:11

GSM850_190



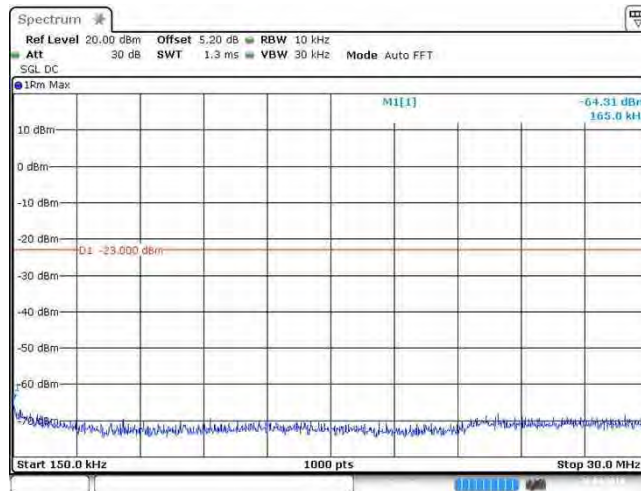
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Date: 26 APR. 2019 13:28:30

GSM850_190

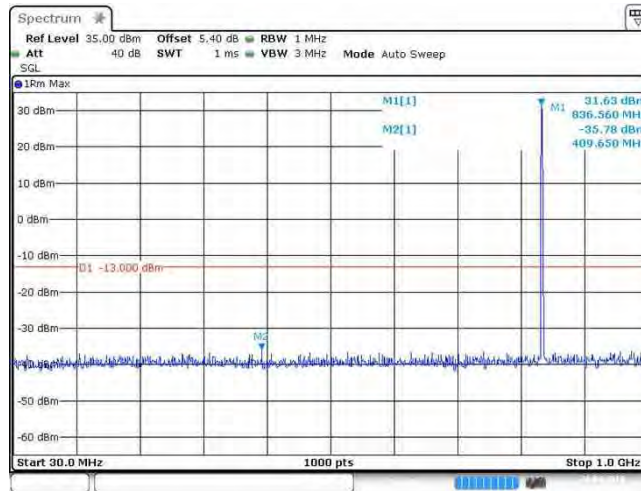


Date: 26 APR. 2019 13:28:43

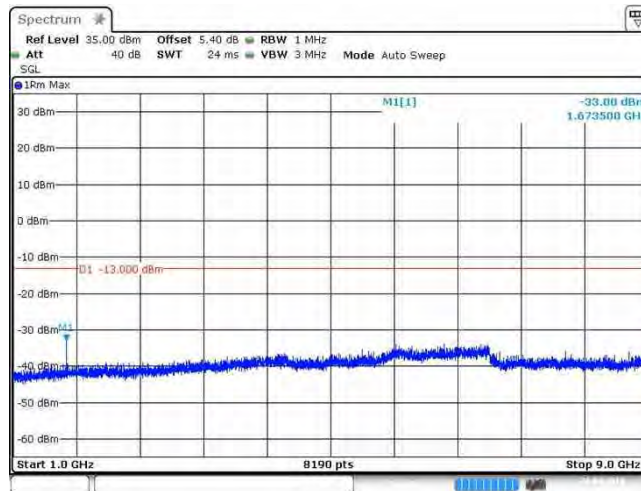
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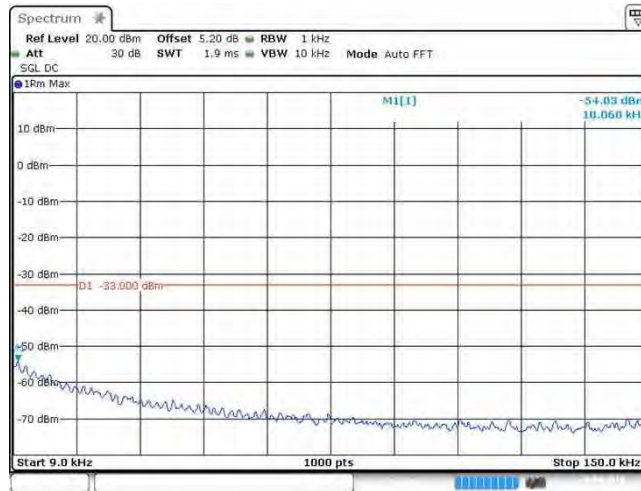
GSM850_190



GSM850_251

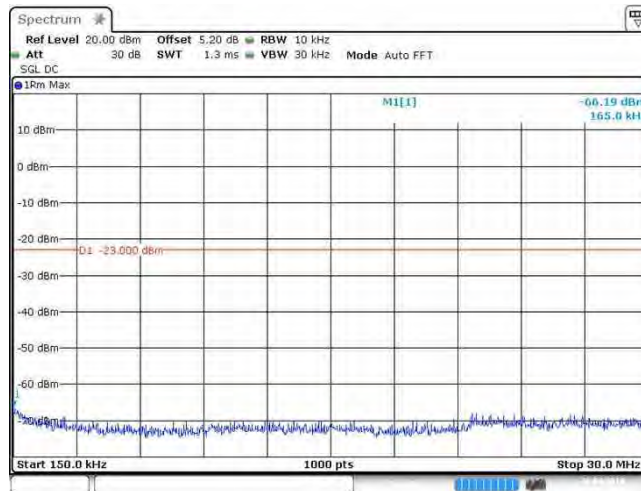


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Date: 26 APR. 2019 13:29:29

GSM850_251

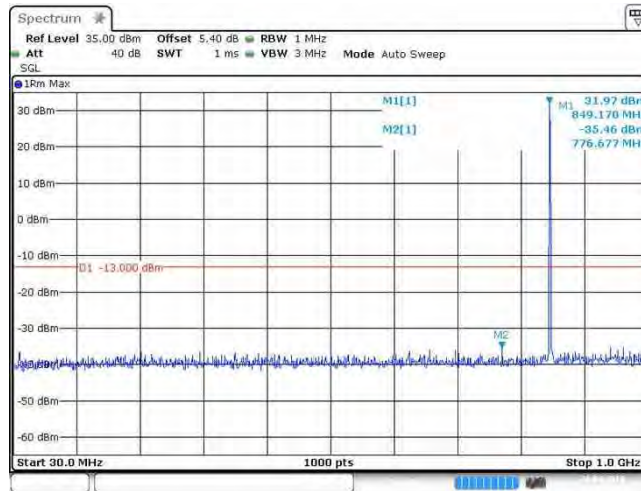


Date: 26 APR. 2019 13:29:41

GSM850_251

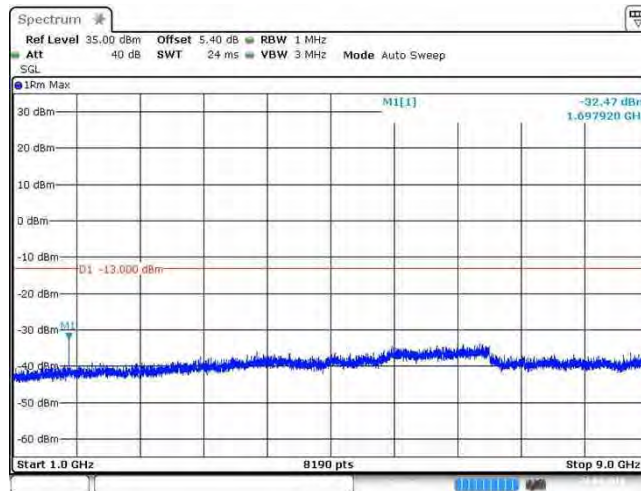


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Date: 26 APR. 2019 13:29:55

GSM850_251

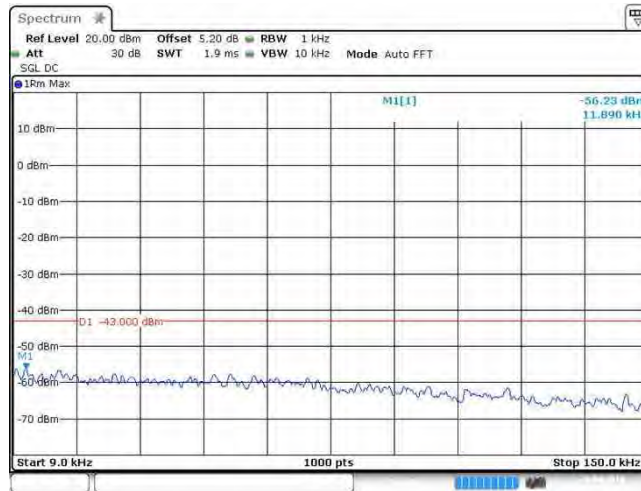


Date: 26 APR. 2019 13:30:07

EGPRS850_128

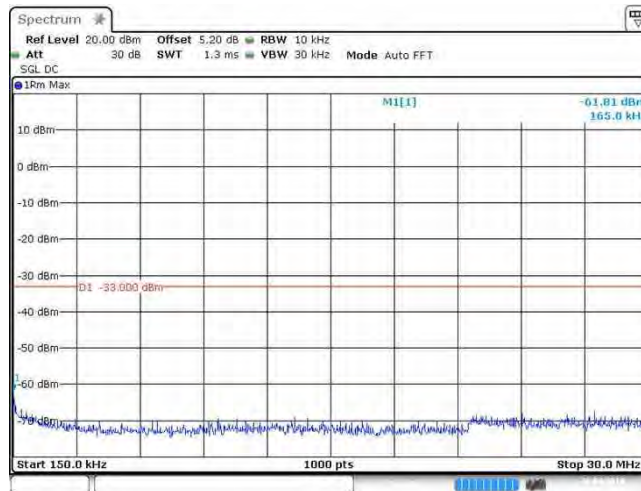


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Date: 26 APR. 2019 13:35:37

EGPRS850_128

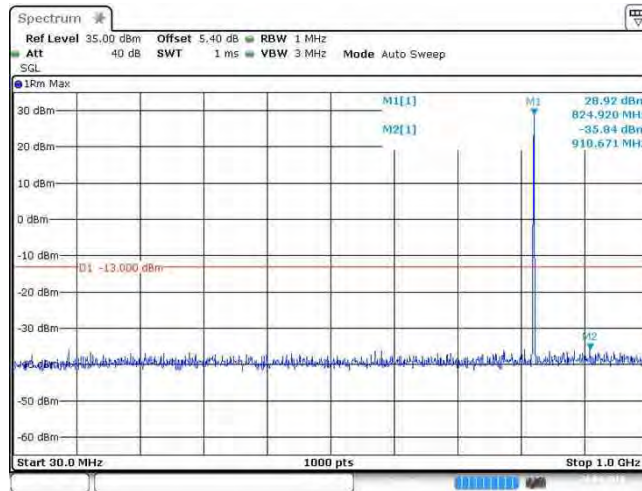


Date: 26 APR. 2019 13:35:49

EGPRS850_128

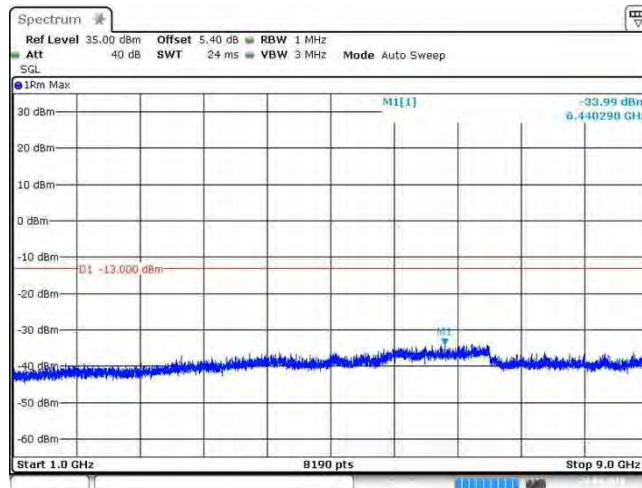


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Date: 26 APR. 2019 13:36:02

EGPRS850_128

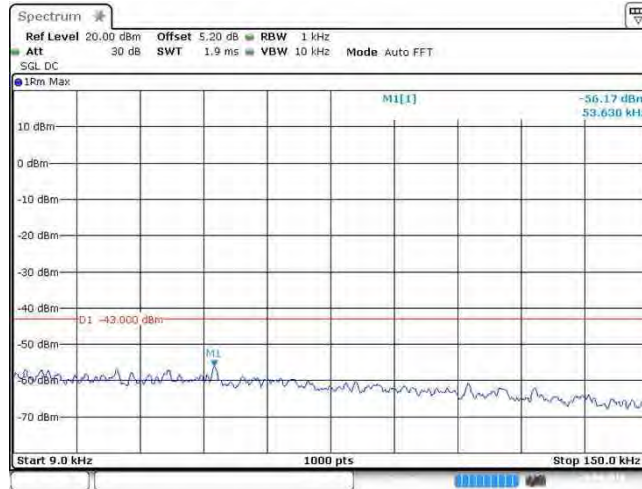


Date: 26 APR. 2019 13:36:14

EGPRS850_190

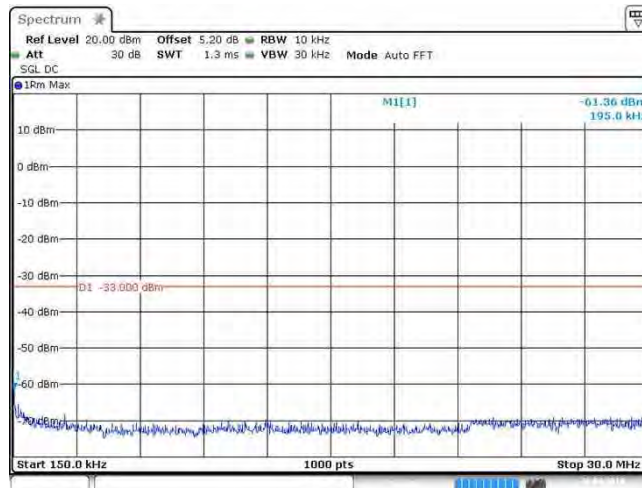


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Date: 26 APR. 2019 13:36:33

EGPRS850_190

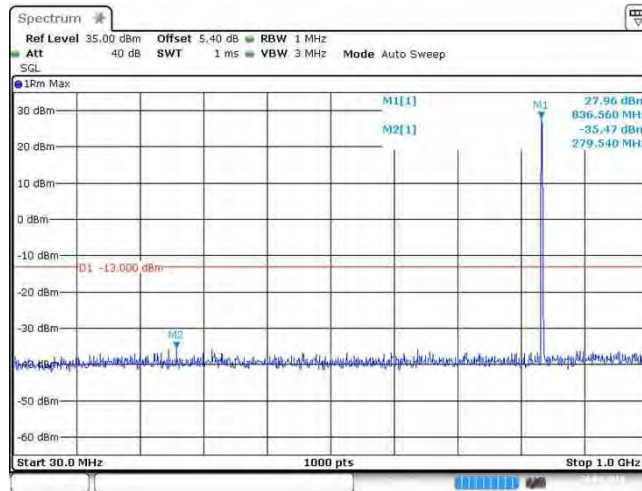


Date: 26 APR. 2019 13:36:44

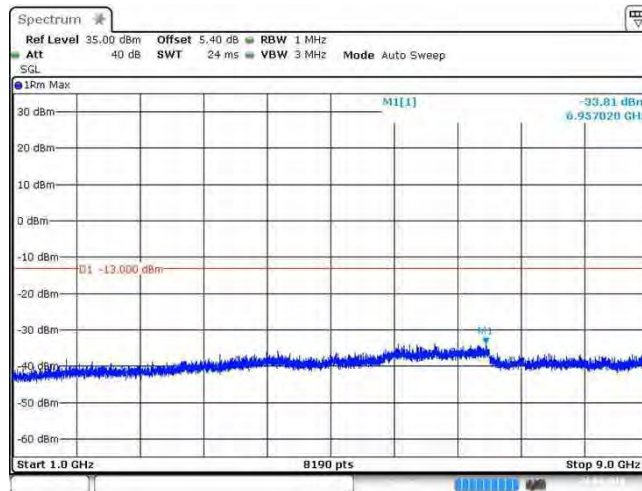
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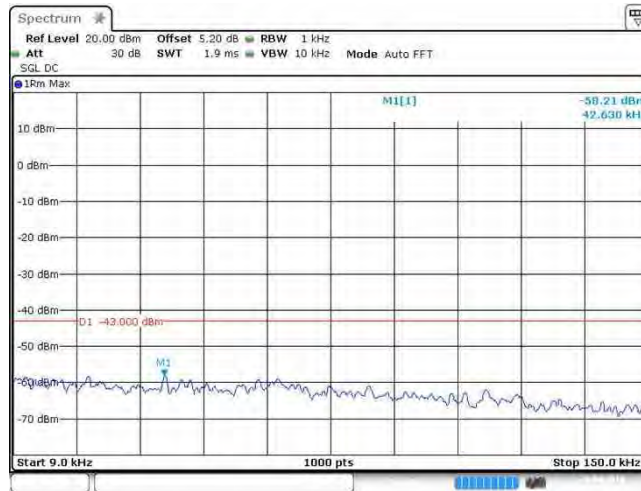
EGPRS850_190



EGPRS850_251

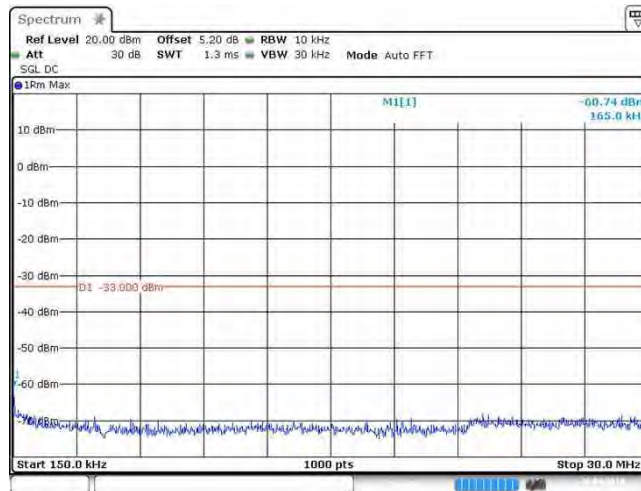


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Date: 26 APR. 2019 13:37:28

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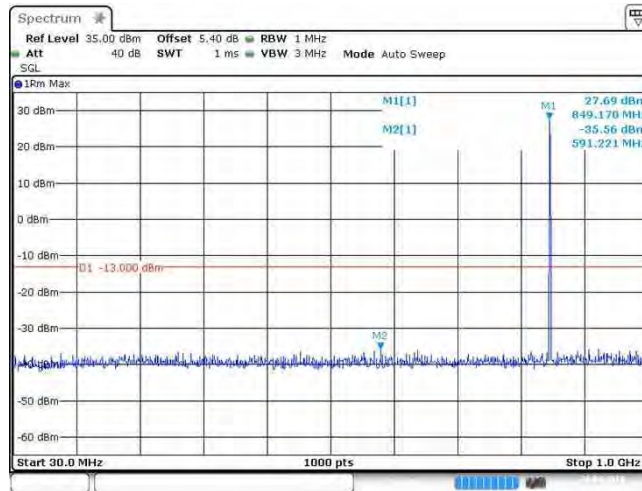


Date: 26 APR. 2019 13:37:40

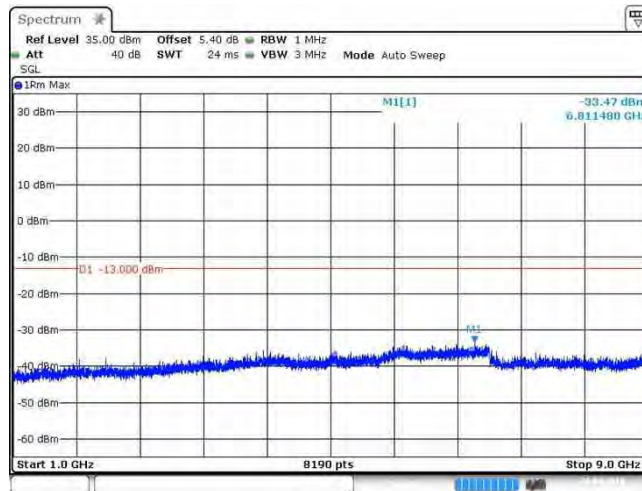
EGPRS850_251



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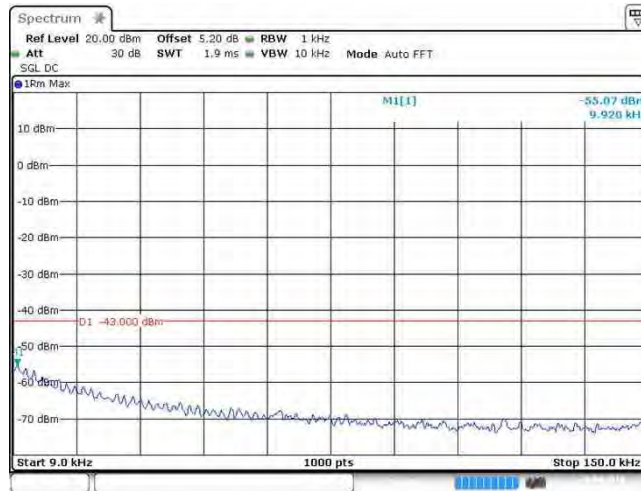
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GSM1900_512

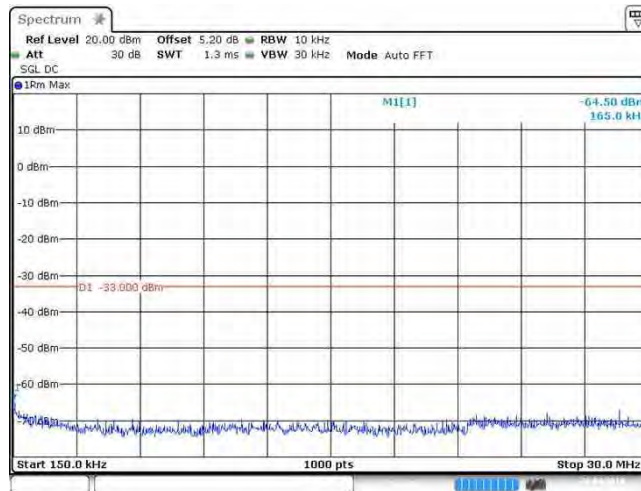


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Date: 26 APR. 2019 14:15:36

GSM1900_512

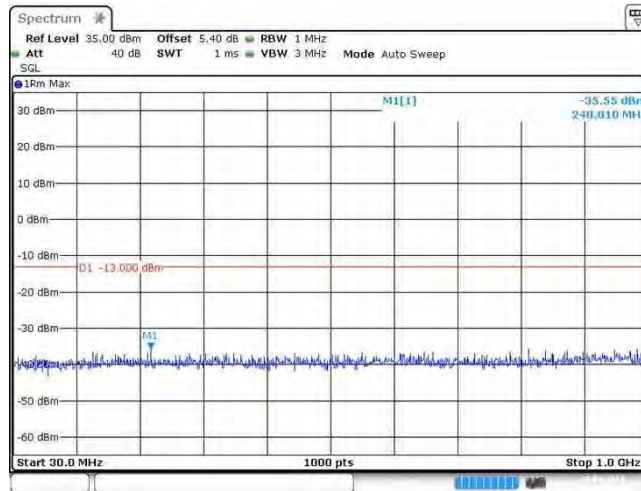


Date: 26 APR. 2019 14:15:48

GSM1900_512

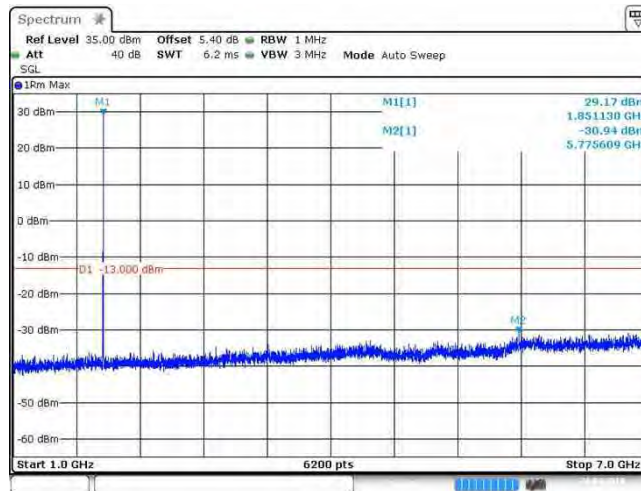


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Date: 26 APR. 2019 14:16:01

GSM1900_512

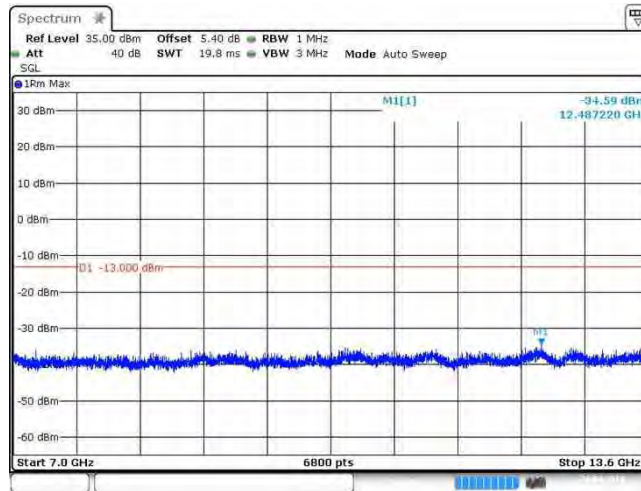


Date: 26 APR. 2019 14:16:15

GSM1900_512

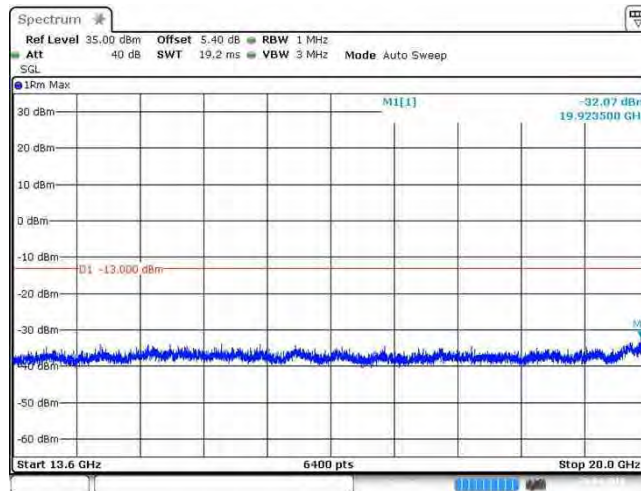


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Date: 26 APR. 2019 14:16:27

GSM1900_512



Date: 26 APR. 2019 14:16:40

GSM1900_661

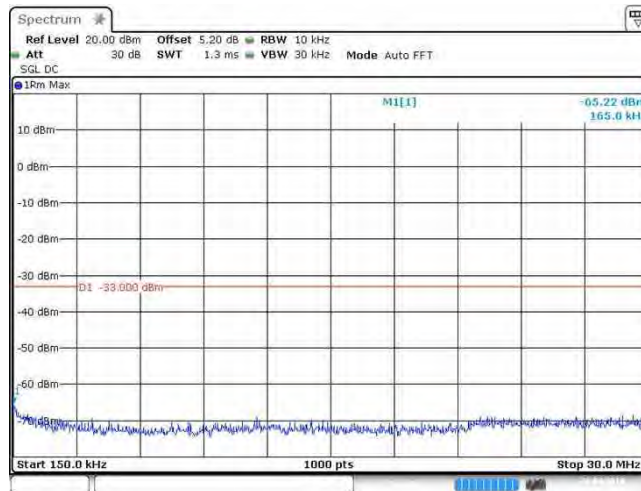


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Date: 26 APR. 2019 14:16:59

GSM1900_661

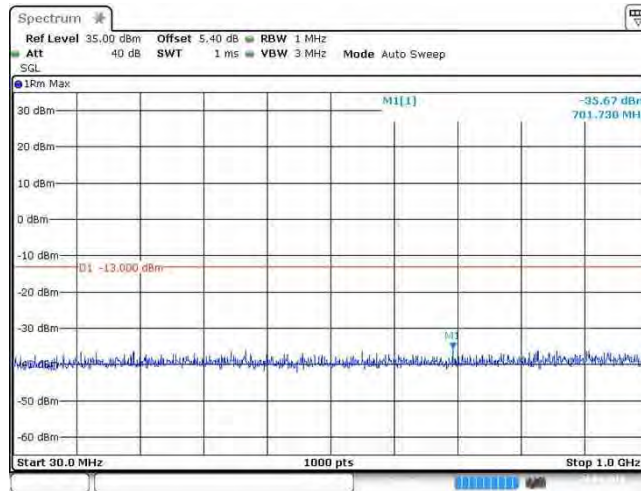


Date: 26 APR. 2019 14:17:12

GSM1900_661

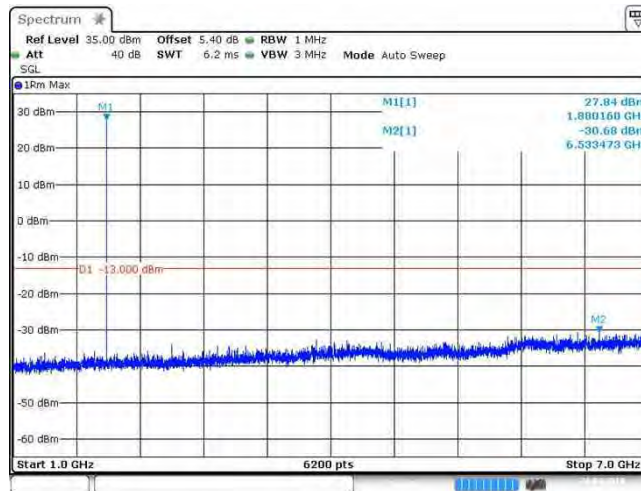


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Date: 26 APR. 2019 14:17:24

GSM1900_661

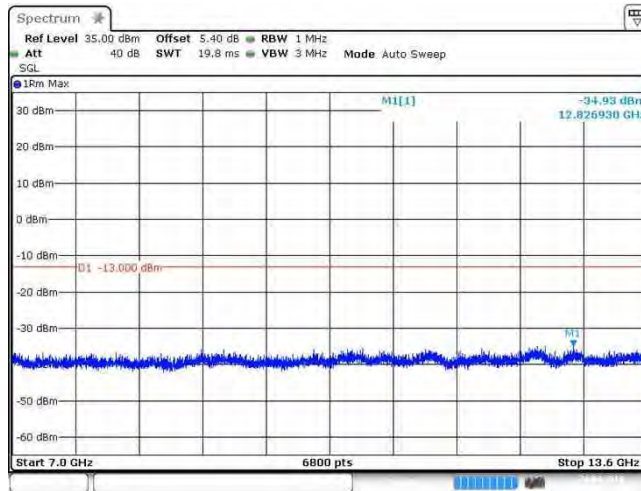


Date: 26 APR. 2019 14:17:38

GSM1900_661

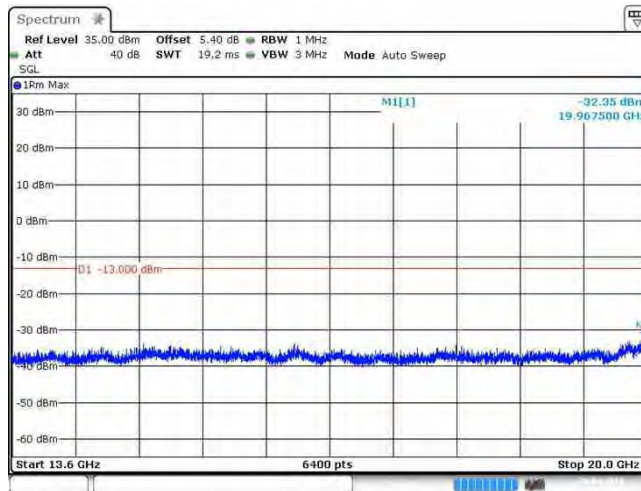


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Date: 26 APR. 2019 14:17:51

GSM1900_661

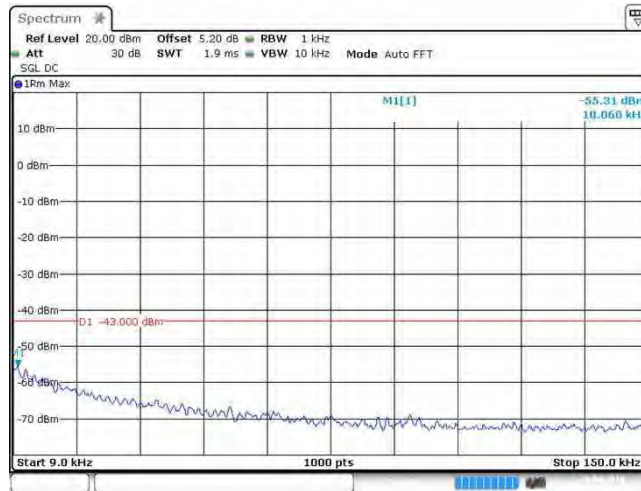


Date: 26 APR. 2019 14:18:03

GSM1900_810

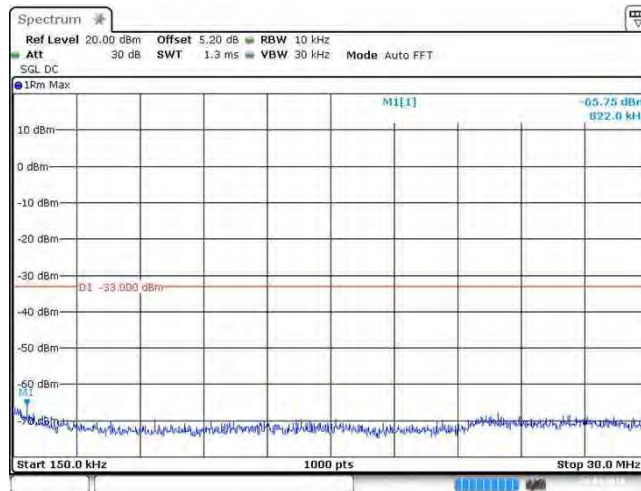


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Date: 26 APR. 2019 14:18:23

GSM1900_810

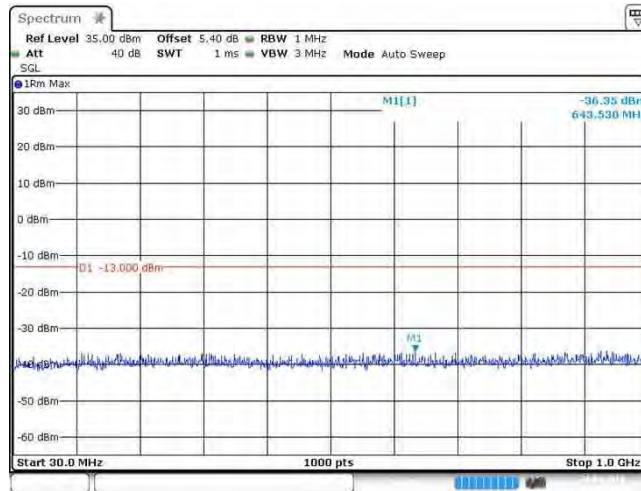


Date: 26 APR. 2019 14:18:35

GSM1900_810

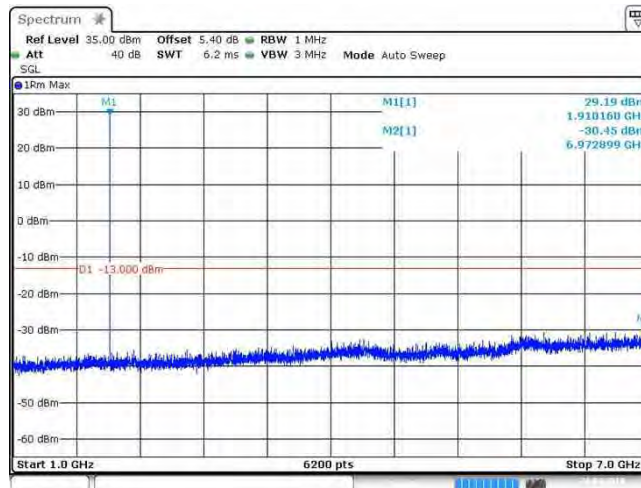


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Date: 26 APR. 2019 14:18:48

GSM1900_810

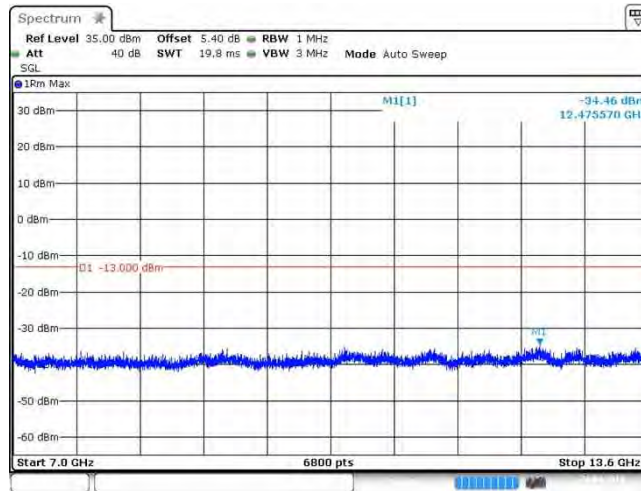


Date: 26 APR. 2019 14:19:01

GSM1900_810

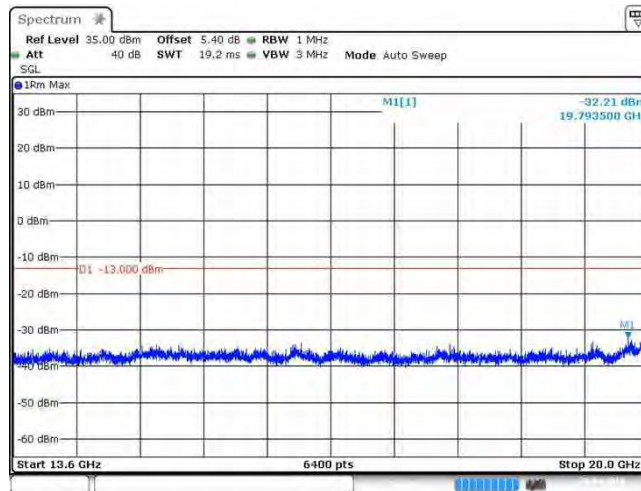


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Date: 26 APR. 2019 14:19:14

GSM1900_810

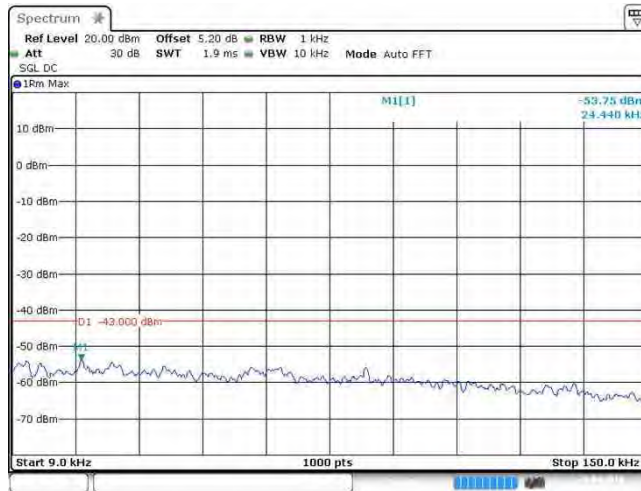


Date: 26 APR. 2019 14:19:26

EGPRS1900_512

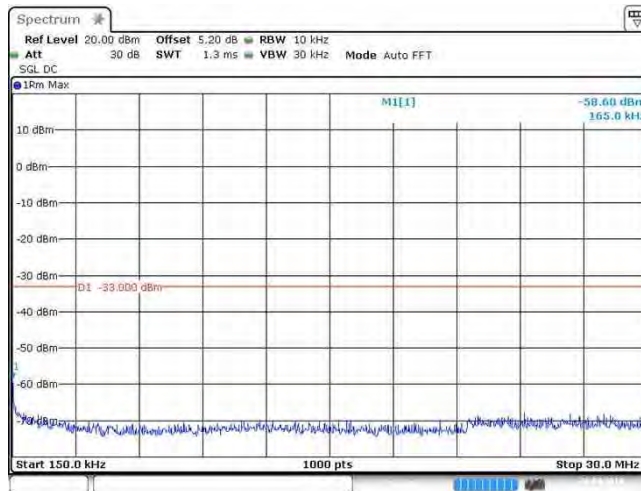


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Date: 26 APR. 2019 14:24:55

EGPRS1900_512

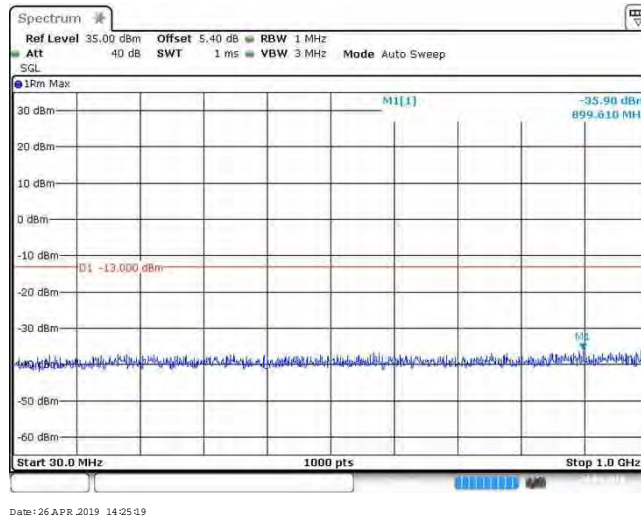


Date: 26 APR. 2019 14:25:07

EGPRS1900_512

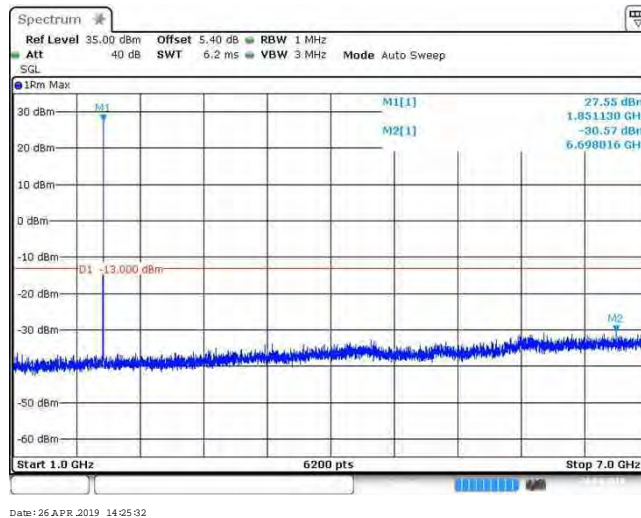


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Date: 26 APR. 2019 14:25:19

EGPRS1900_512

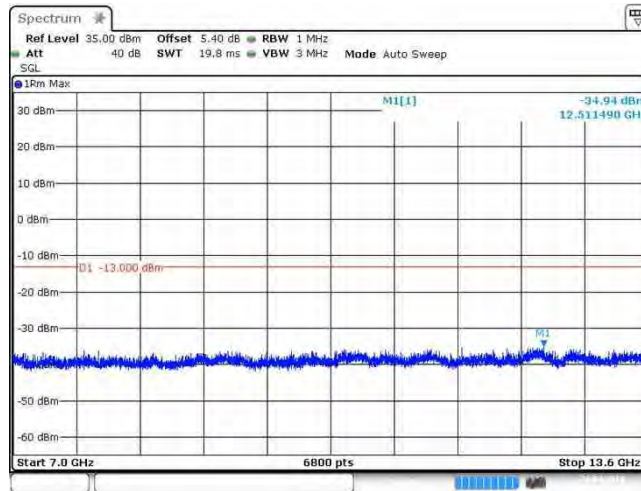


Date: 26 APR. 2019 14:25:32

EGPRS1900_512

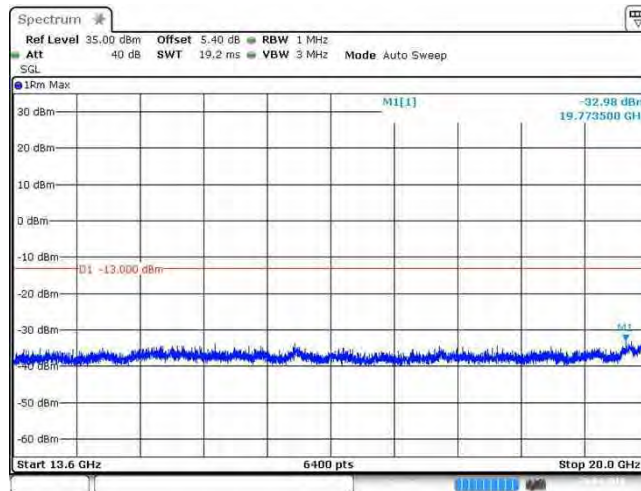


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Date: 26 APR. 2019 14:25:44

EGPRS1900_512



Date: 26 APR. 2019 14:25:56

EGPRS1900_661

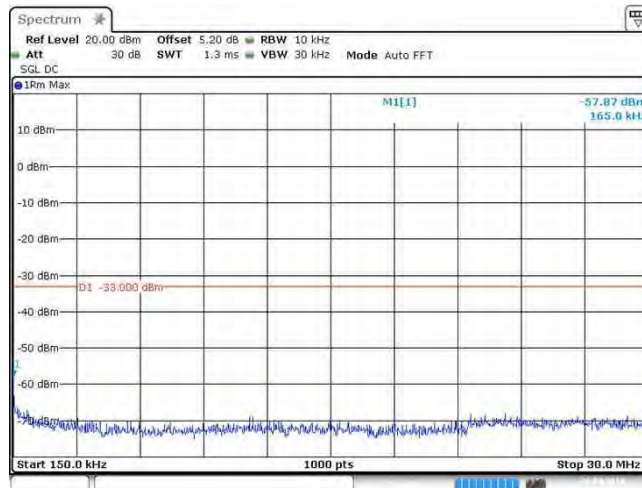


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Date: 26 APR. 2019 14:26:15

EGPRS1900_661

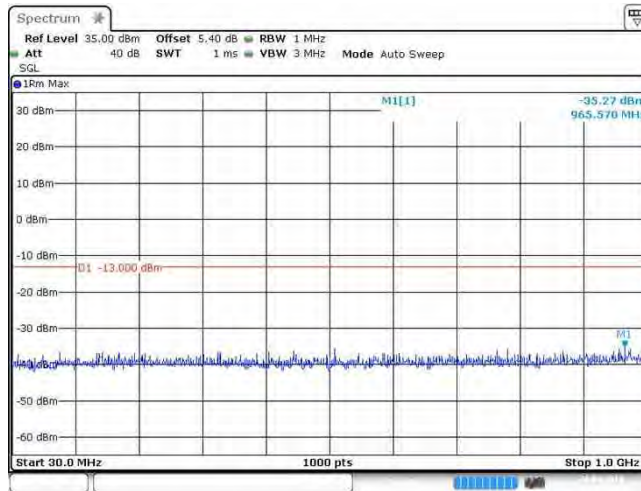


Date: 26 APR. 2019 14:26:27

EGPRS1900_661

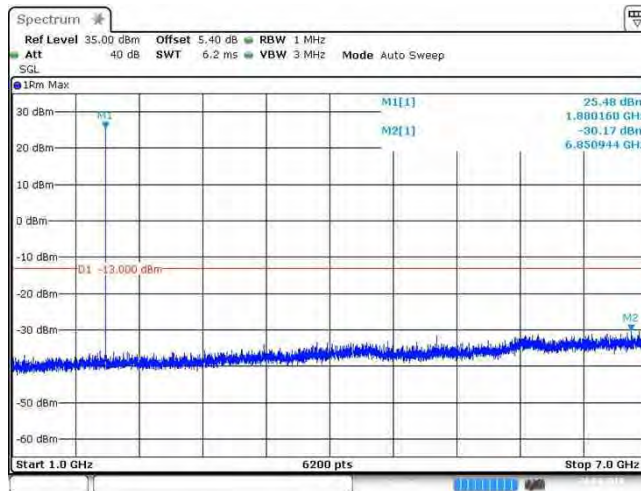


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Date: 26 APR. 2019 14:26:38

EGPRS1900_661

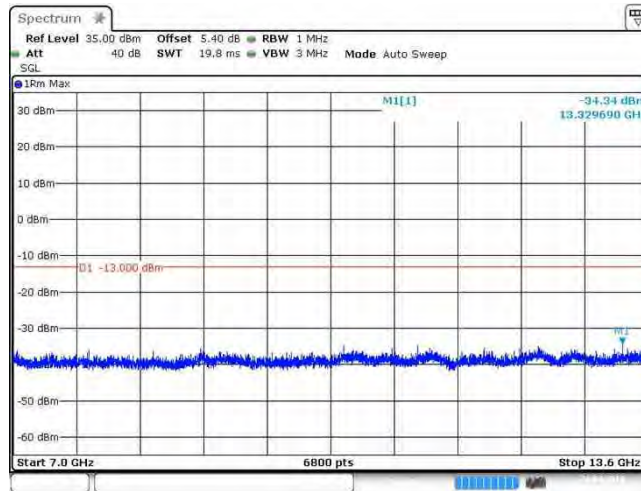


Date: 26 APR. 2019 14:26:52

EGPRS1900_661

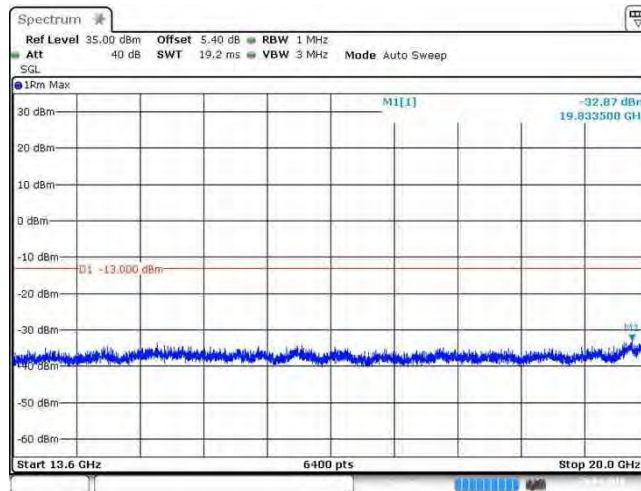


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Date: 26 APR. 2019 14:27:04

EGPRS1900_661

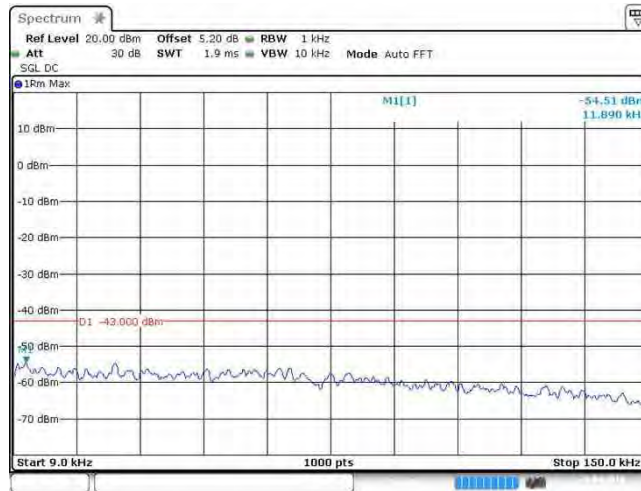


Date: 26 APR. 2019 14:27:16

EGPRS1900_810

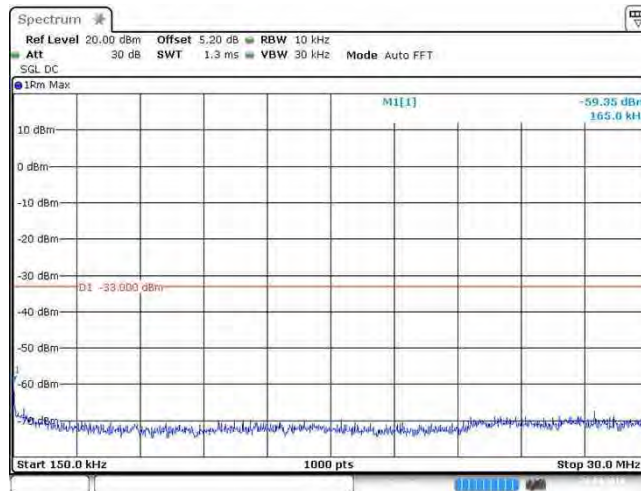


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Date: 26 APR. 2019 14:27:34

EGPRS1900_810

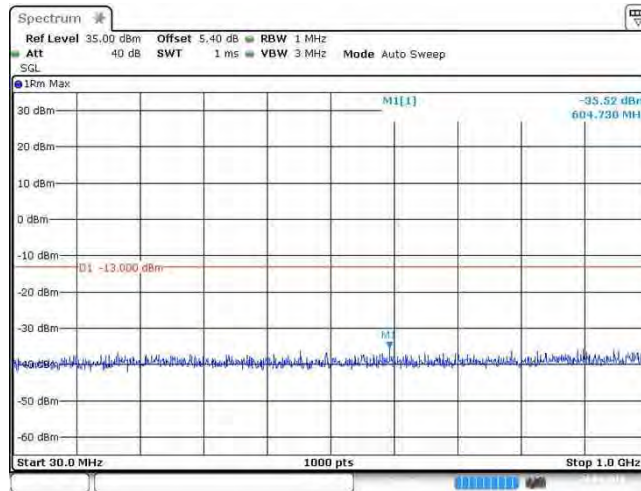


Date: 26 APR. 2019 14:27:46

EGPRS1900_810

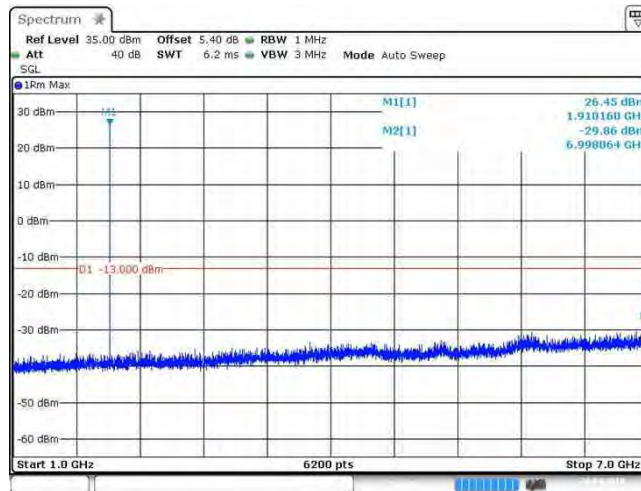


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Date: 26 APR. 2019 14:27:58

EGPRS1900_810

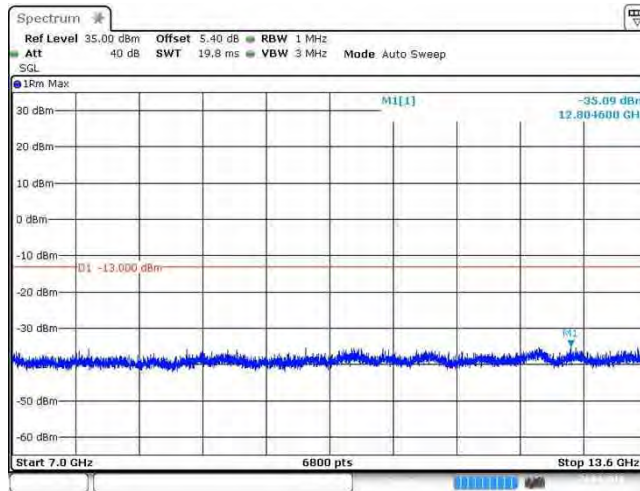


Date: 26 APR. 2019 14:28:11

EGPRS1900_810

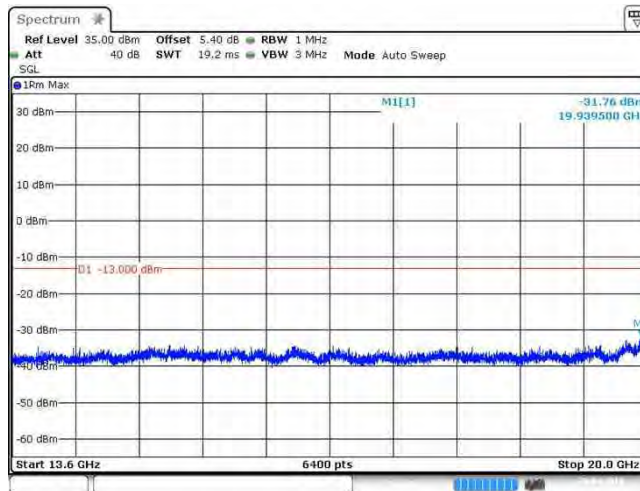


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Date: 26 APR. 2019 14:28:23

EGPRS1900_810



Date: 26 APR. 2019 14:28:35



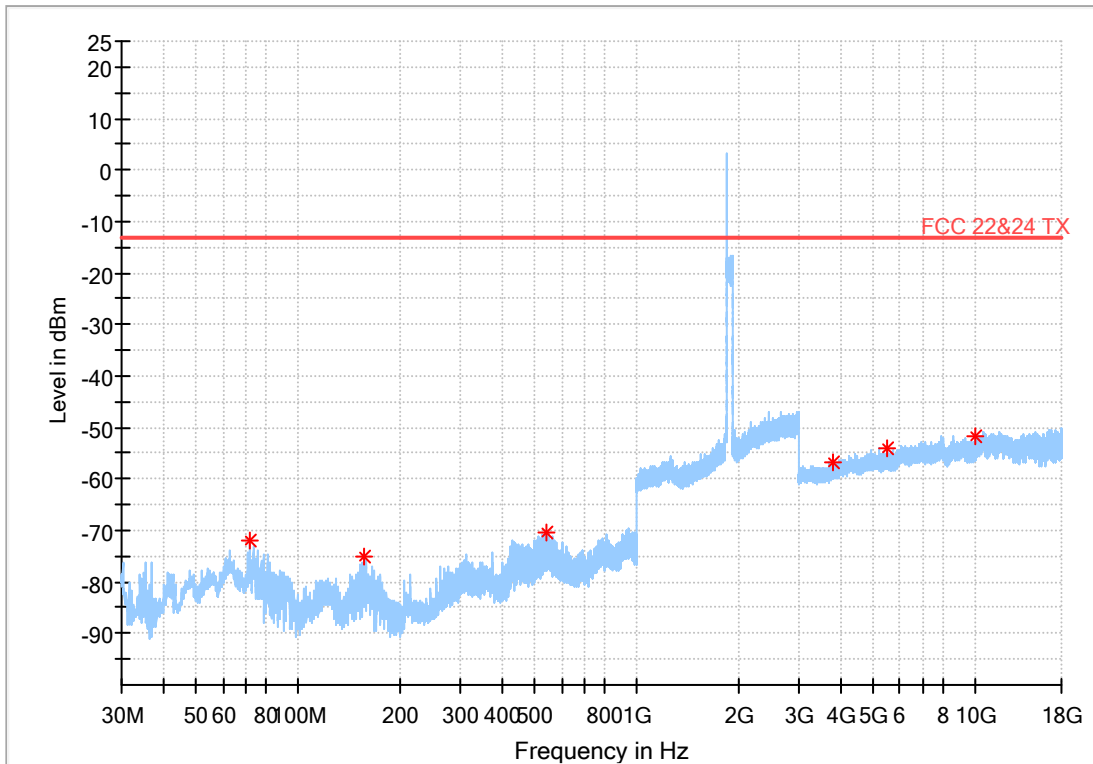
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7. Field Strength of Spurious Radiation

7.1. Test Band = GSM 1900 (Up Antenna)

7.1.1. Test Channel = LCH_Vertical

Full Spectrum

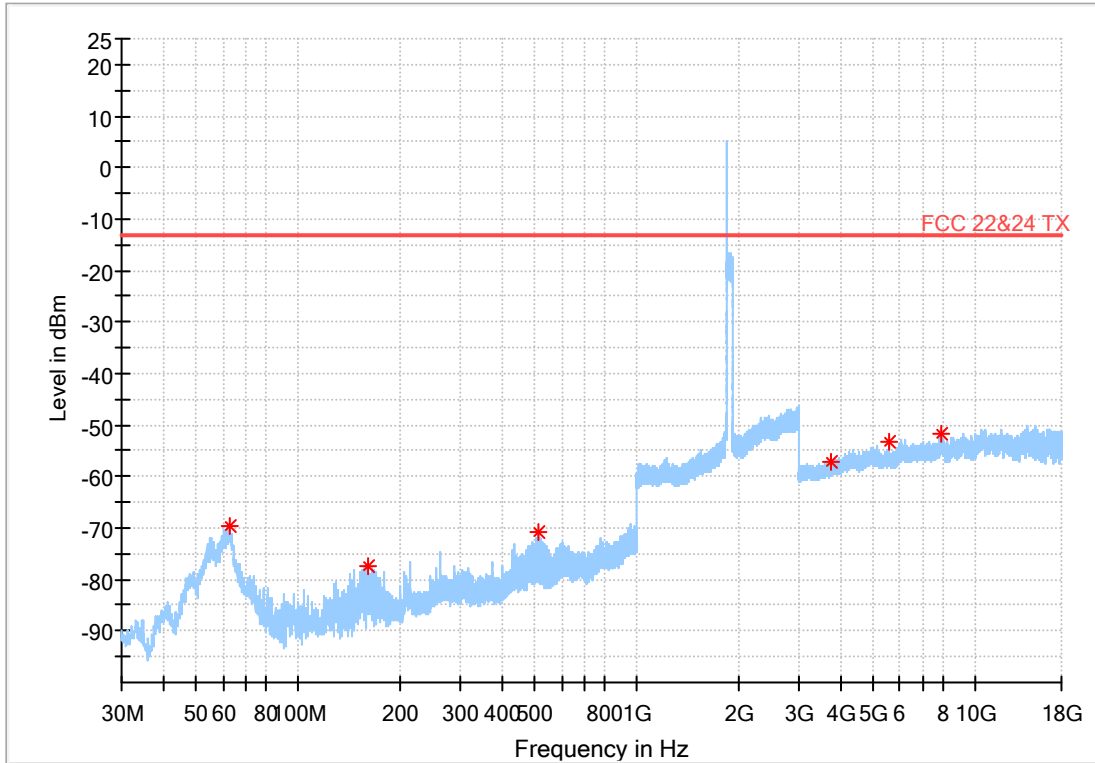


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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

7.1.2. Test Channel = LCH_ Horizontal

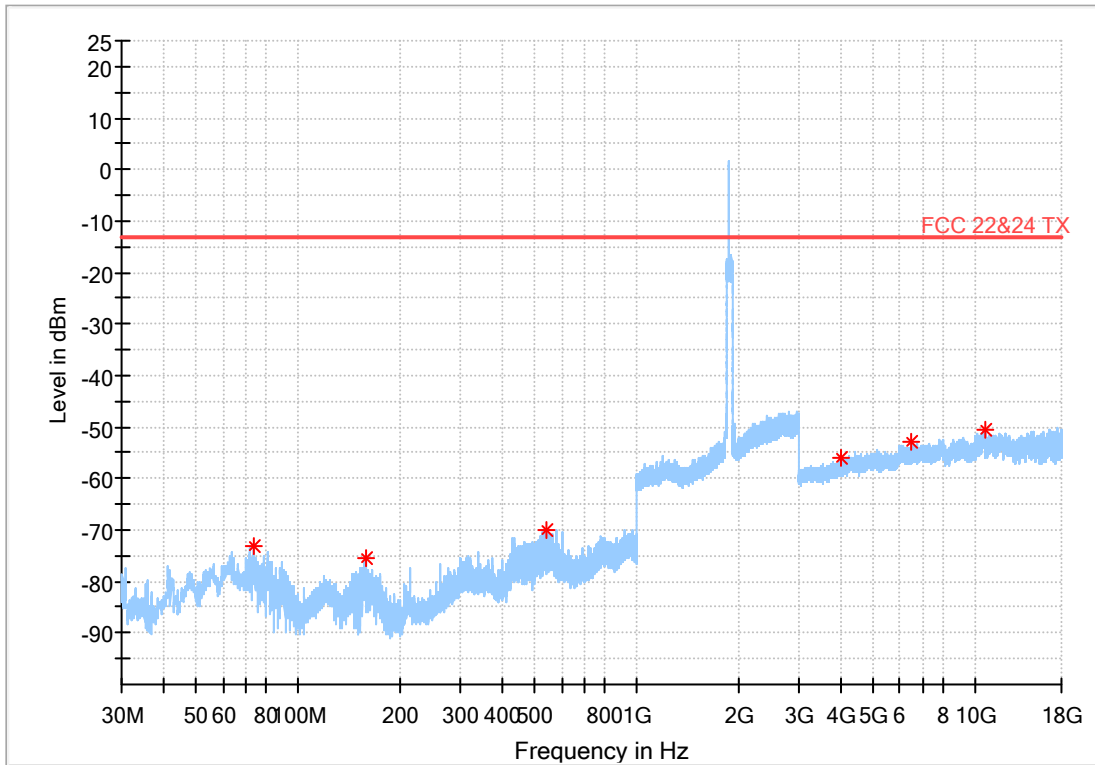
Full Spectrum



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7.1.3. Test Channel = MCH_ Vertical

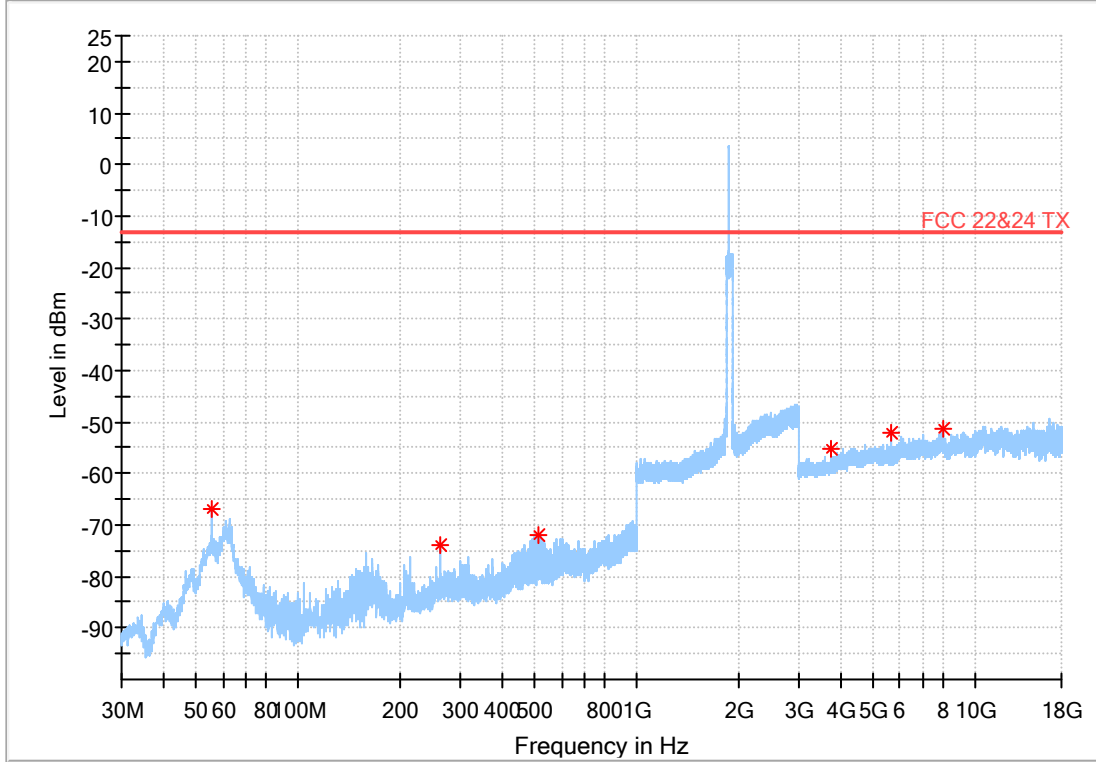
Full Spectrum



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7.1.4. Test Channel = MCH_ Horizontal

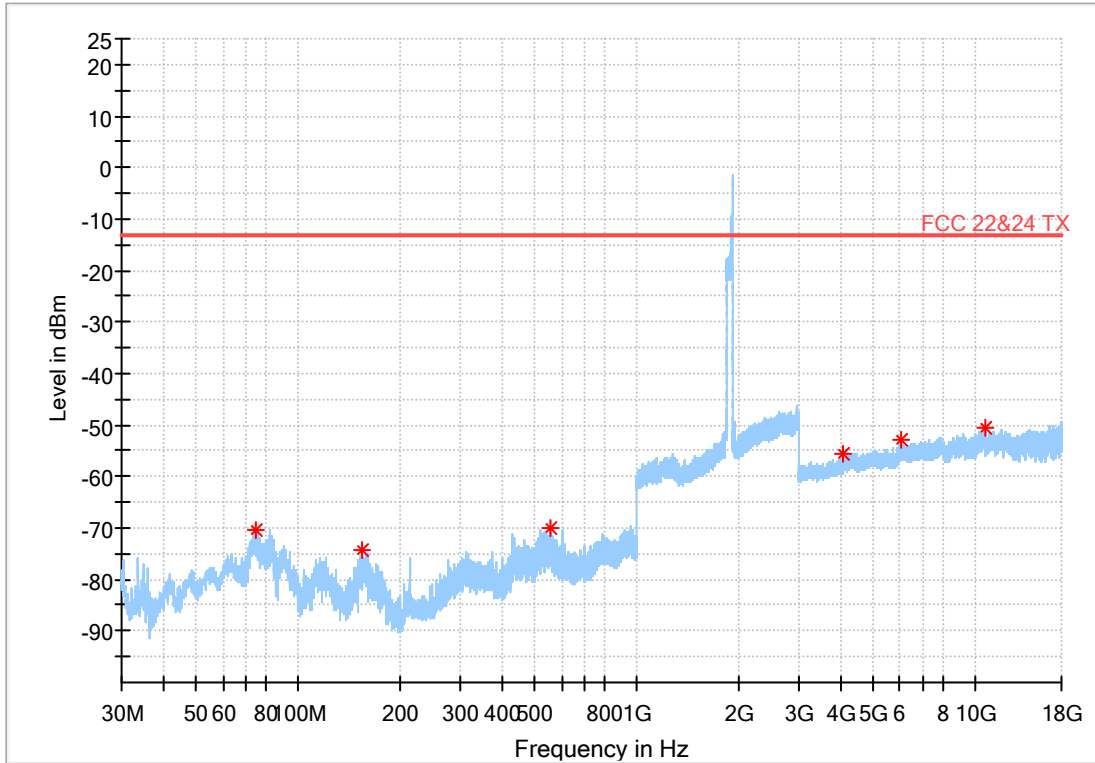
Full Spectrum



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7.1.5. Test Channel = HCH_ Vertical

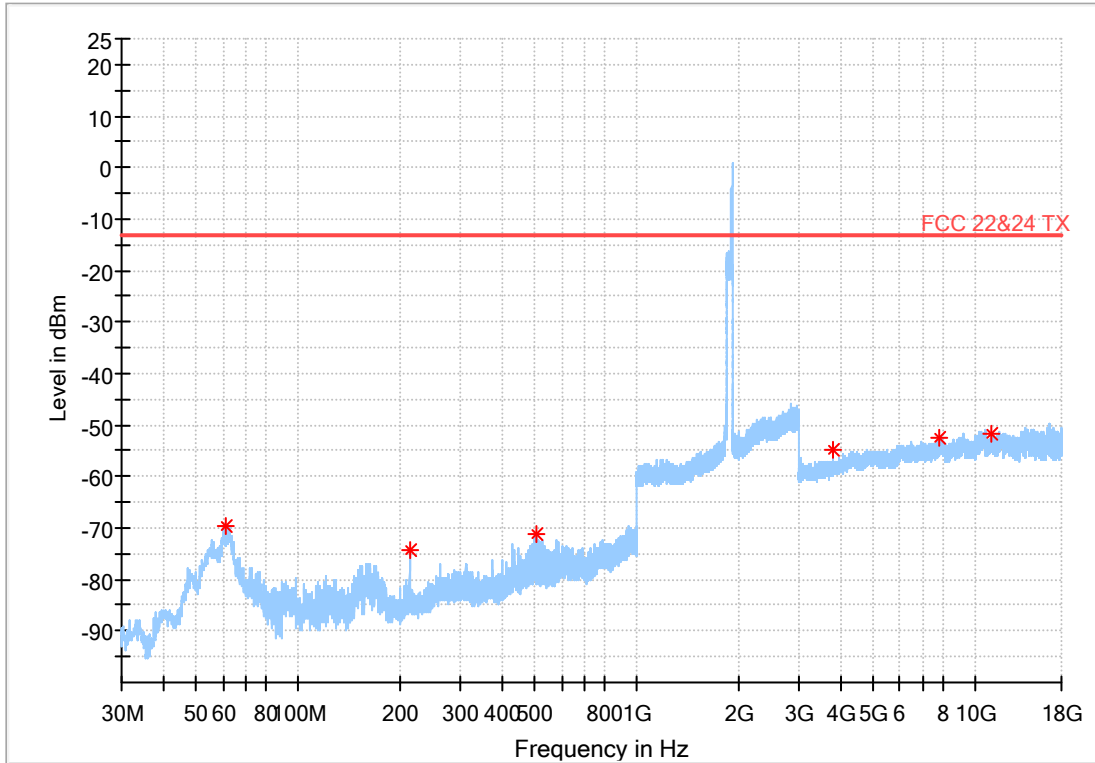
Full Spectrum



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7.1.6. Test Channel = HCH_ Horizontal

Full Spectrum

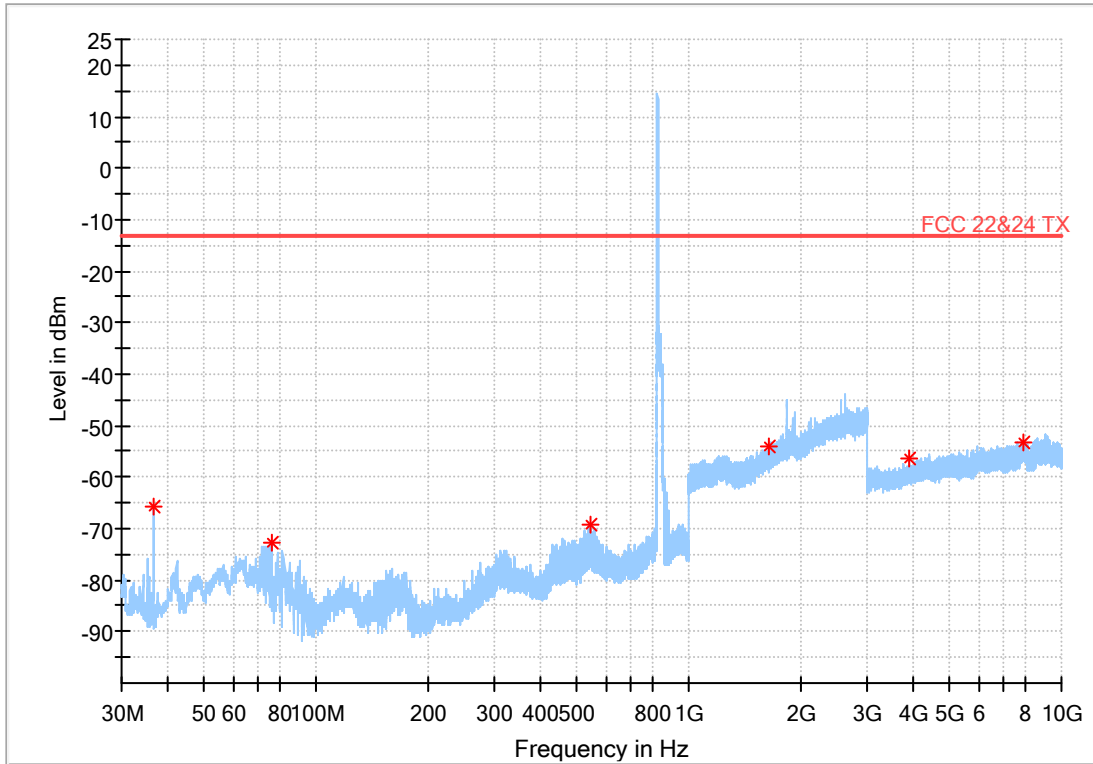


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7.2. Test Band = GSM 850 (Up Antenna)

7.2.1. Test Channel = LCH_Vertical

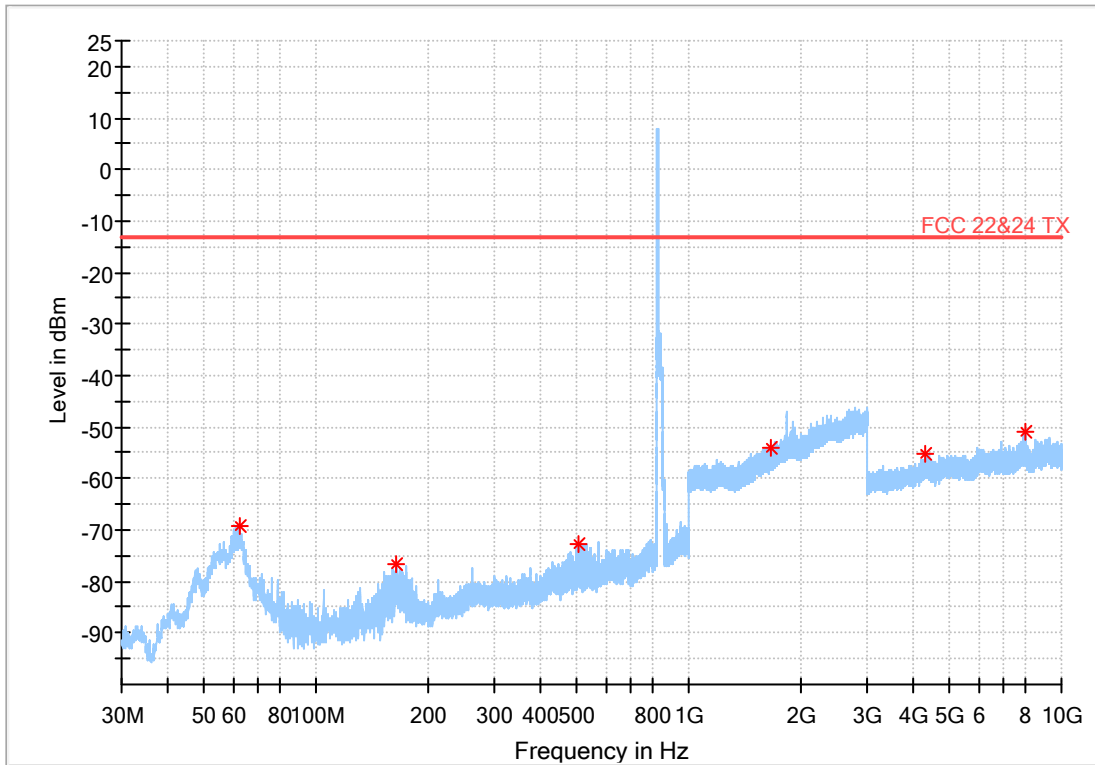
Full Spectrum



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7.2.2. Test Channel = LCH_ Horizontal

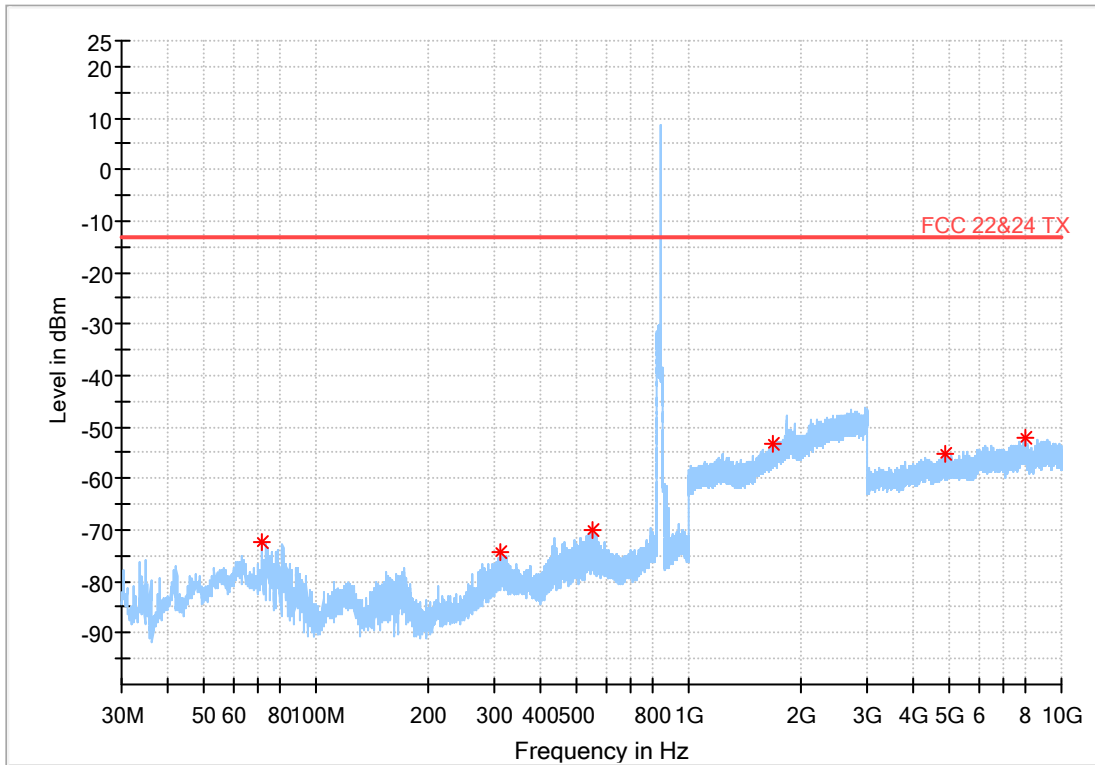
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7.2.3. Test Channel = MCH_ Vertical

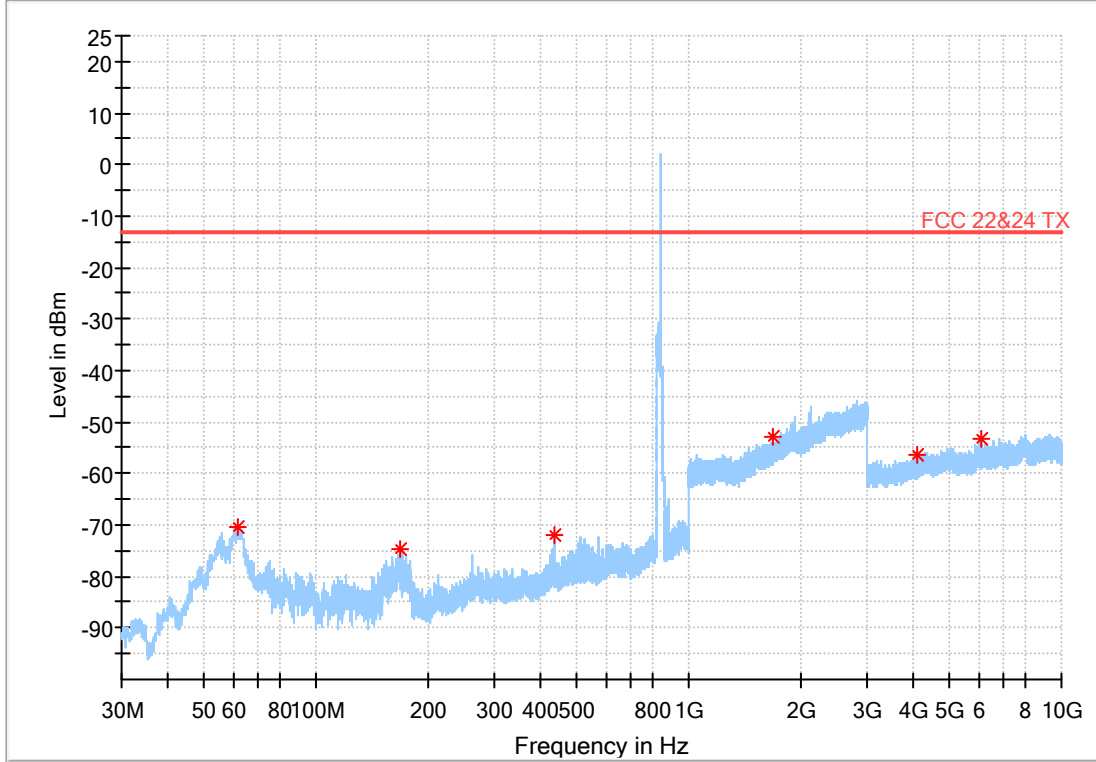
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7.2.4. Test Channel = MCH_ Horizontal

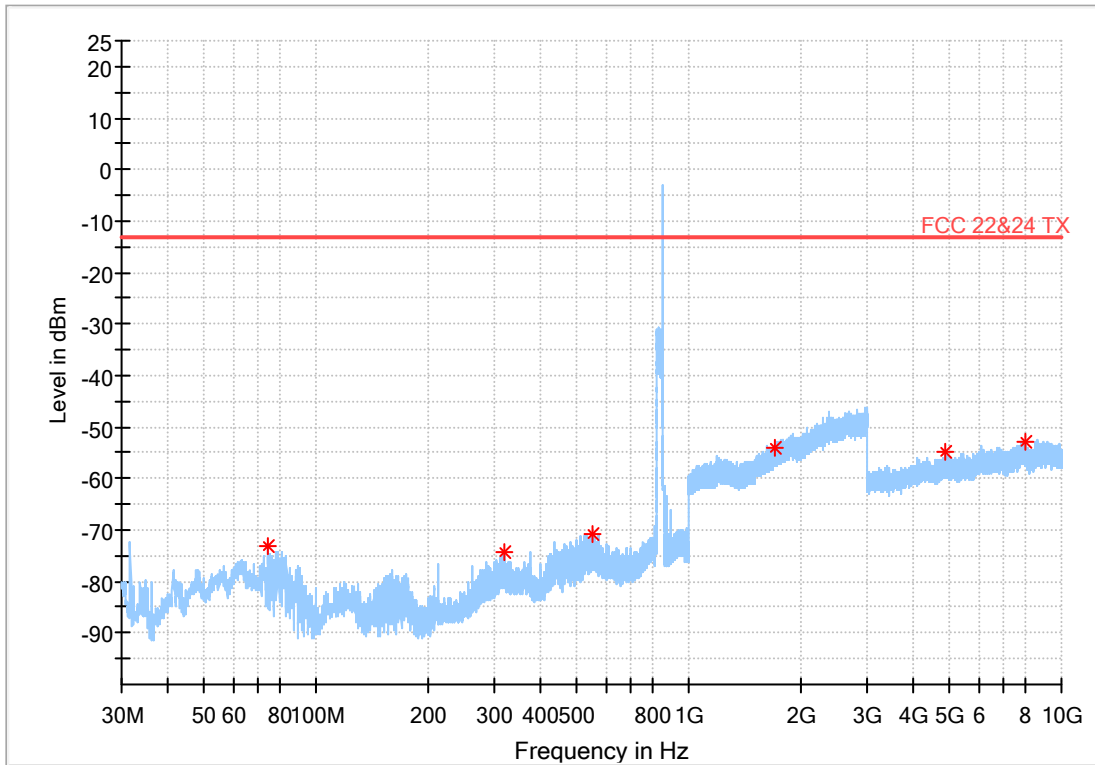
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7.2.5. Test Channel = HCH_ Vertical

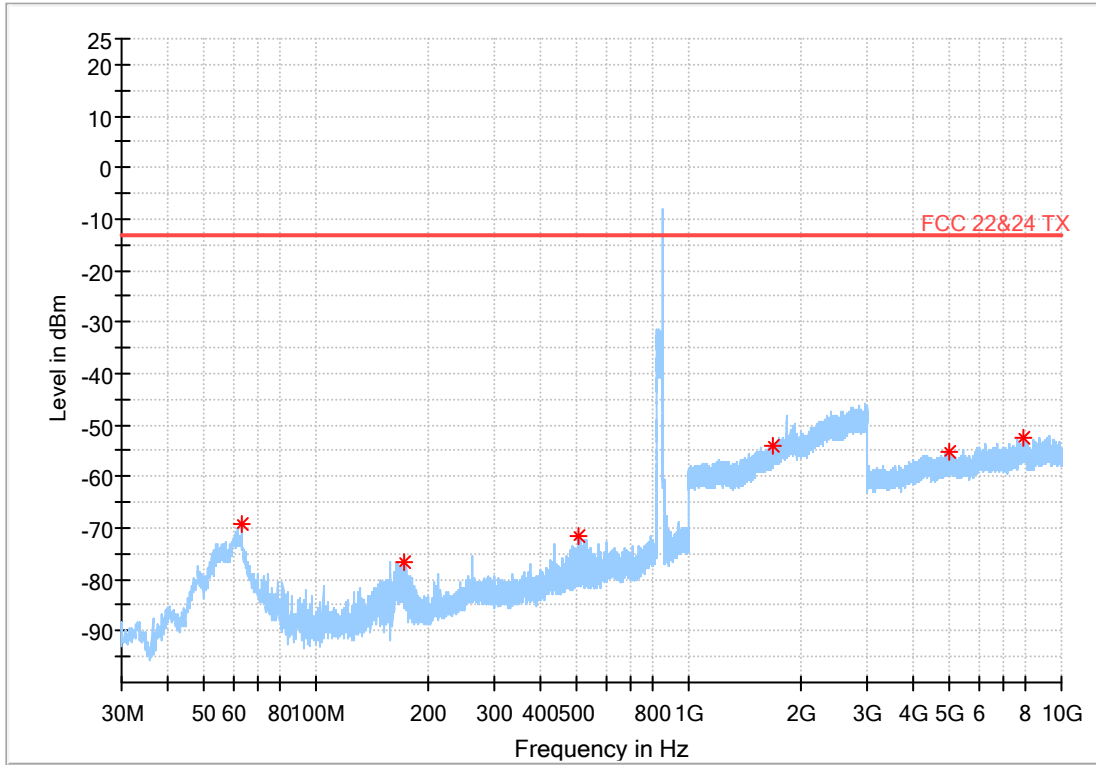
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7.2.6. Test Channel = HCH_ Horizontal

Full Spectrum

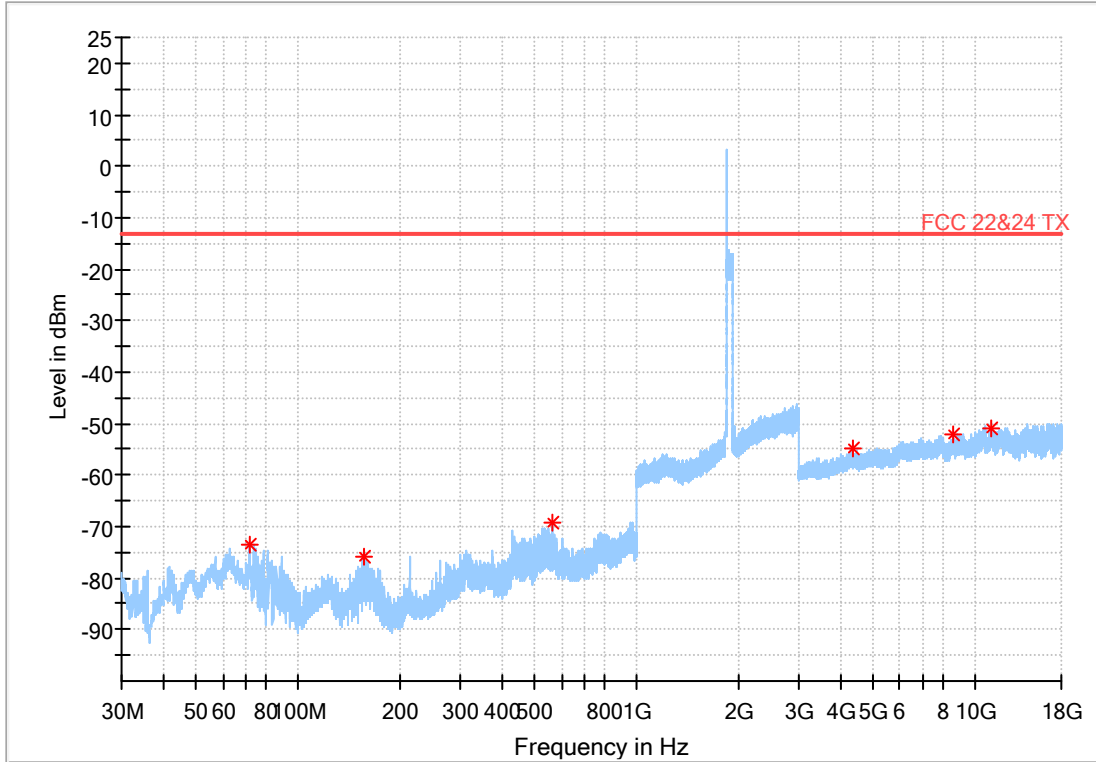


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7.3. Test Band = GSM 1900 (Down Antenna)

7.3.1. Test Channel = LCH_Vertical

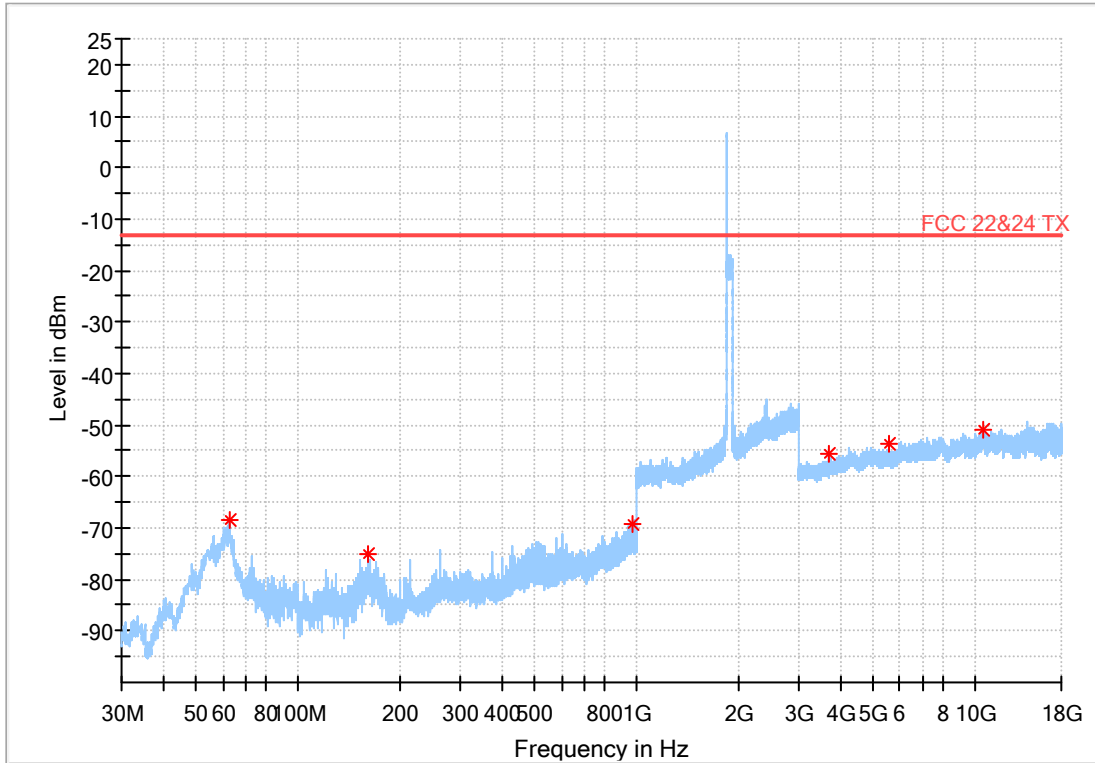
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7.3.2. Test Channel = LCH_ Horizontal

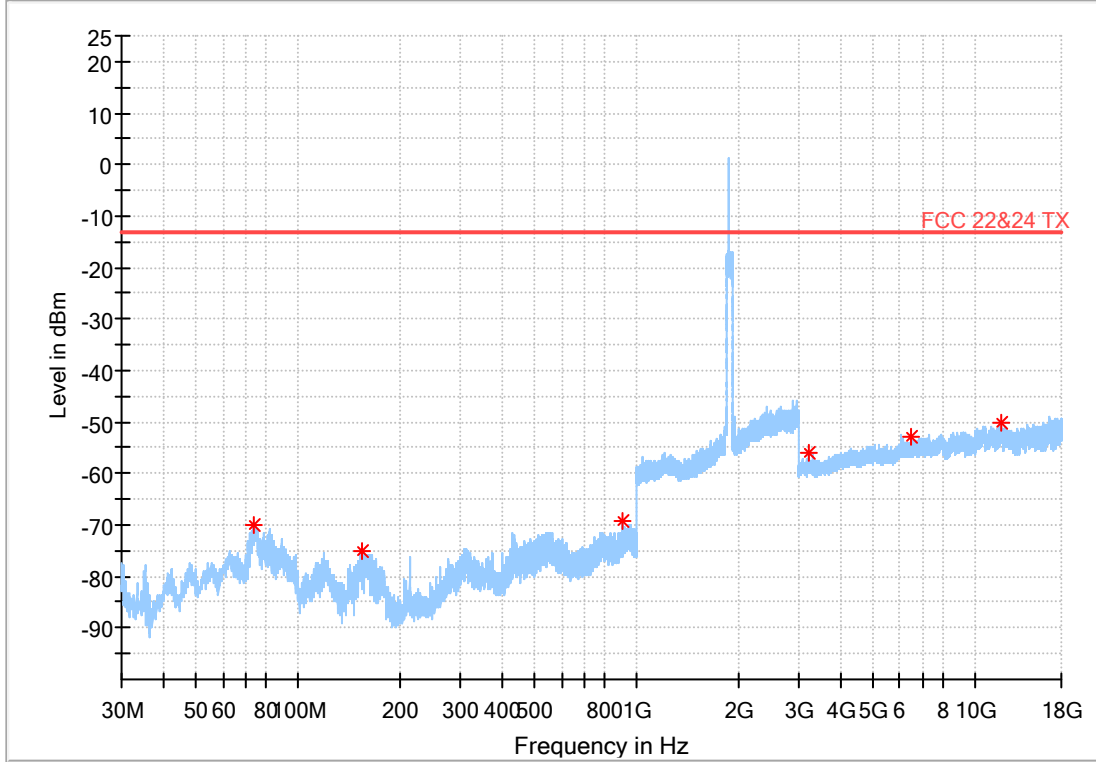
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7.3.3. Test Channel = MCH_ Vertical

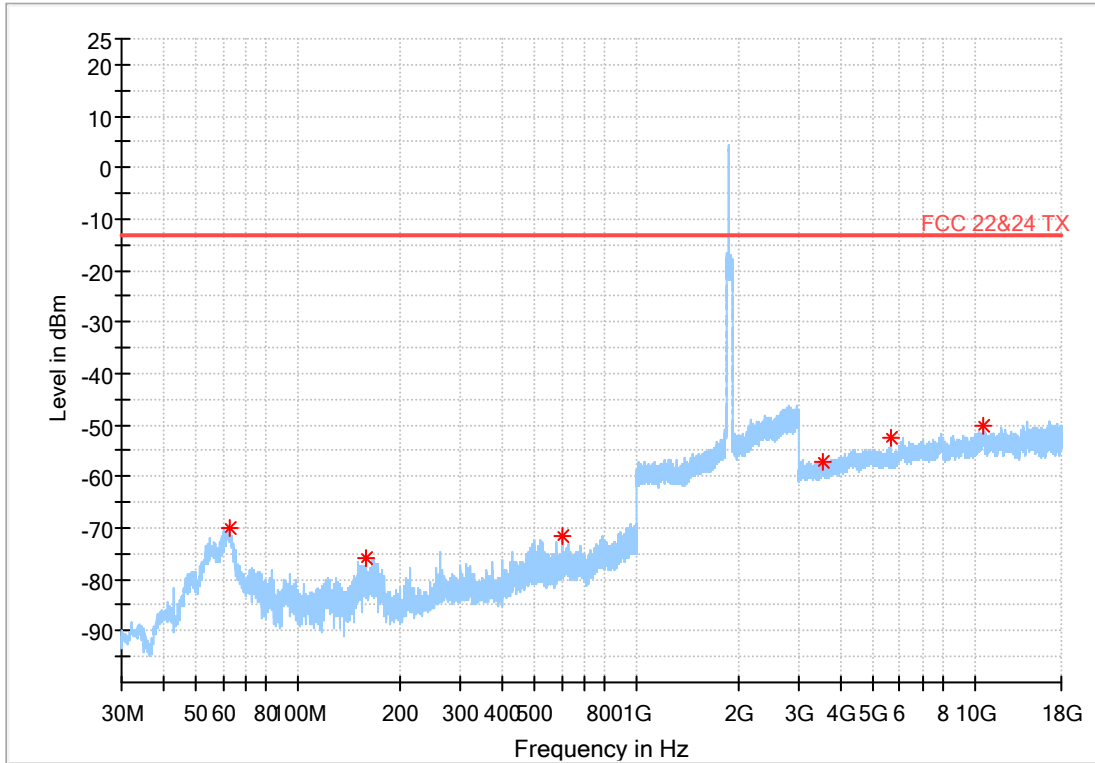
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7.3.4. Test Channel = MCH_ Horizontal

Full Spectrum

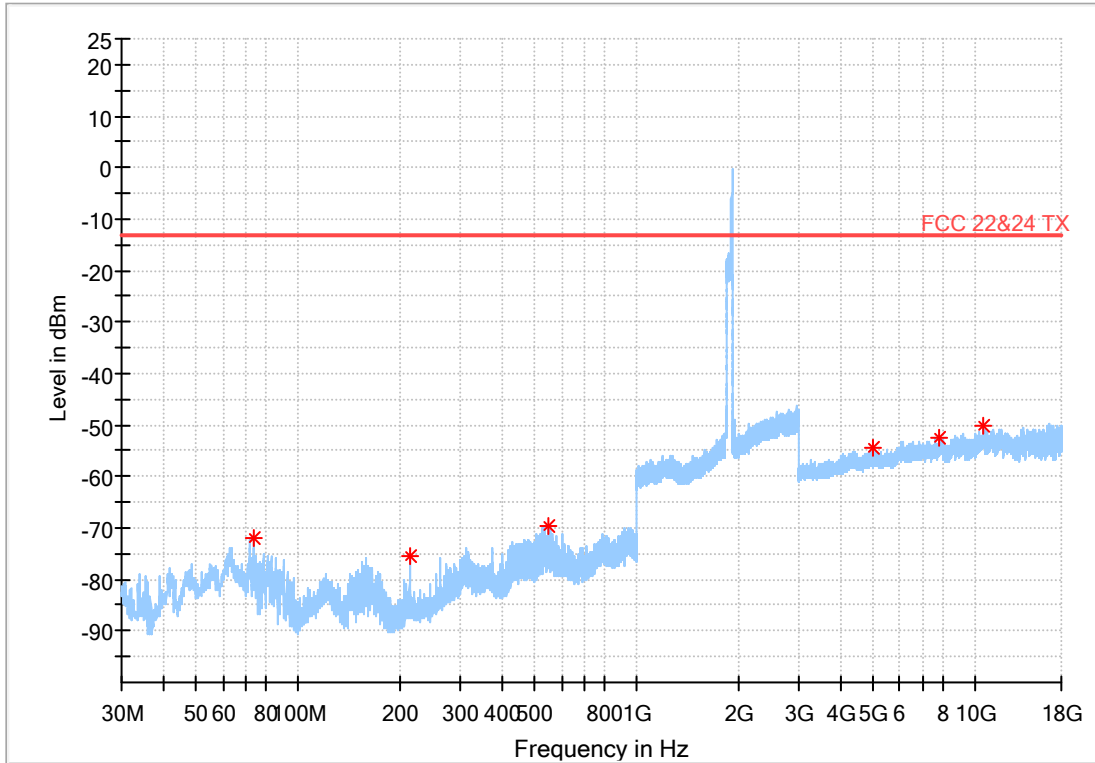


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7.3.5. Test Channel = HCH_ Vertical

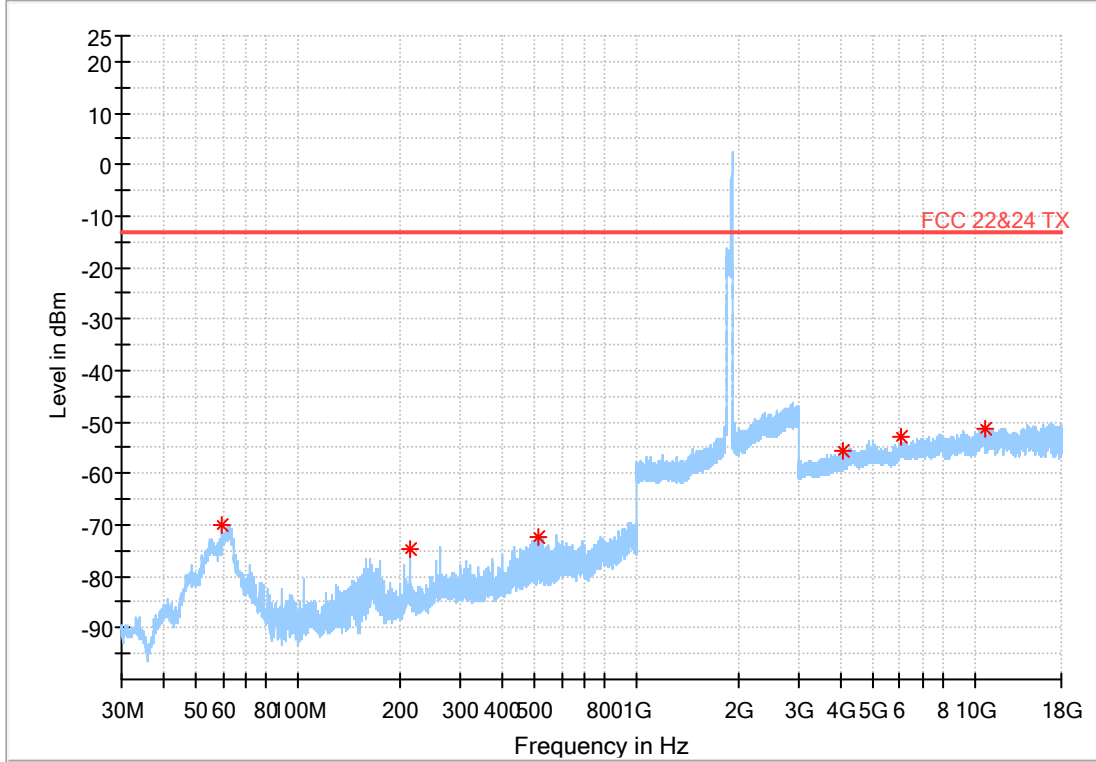
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7.3.6. Test Channel = HCH_ Horizontal

Full Spectrum

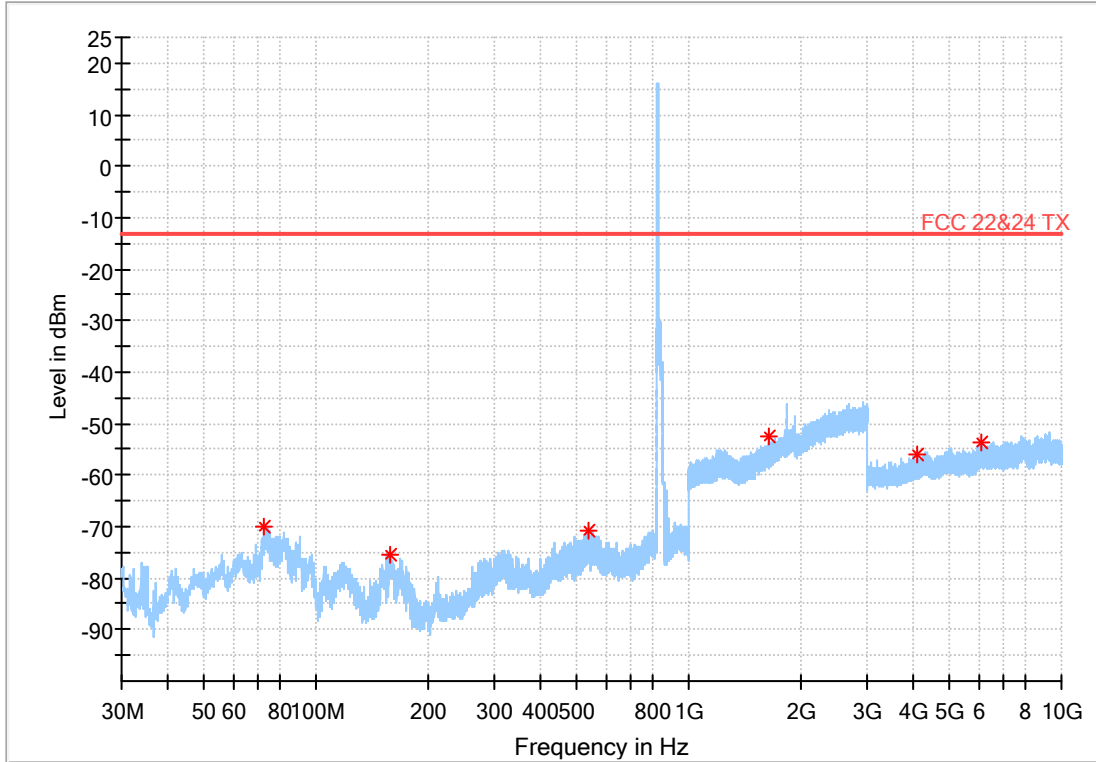


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7.4. Test Band = GSM 850 (Down Antenna)

7.4.1. Test Channel = LCH_Vertical

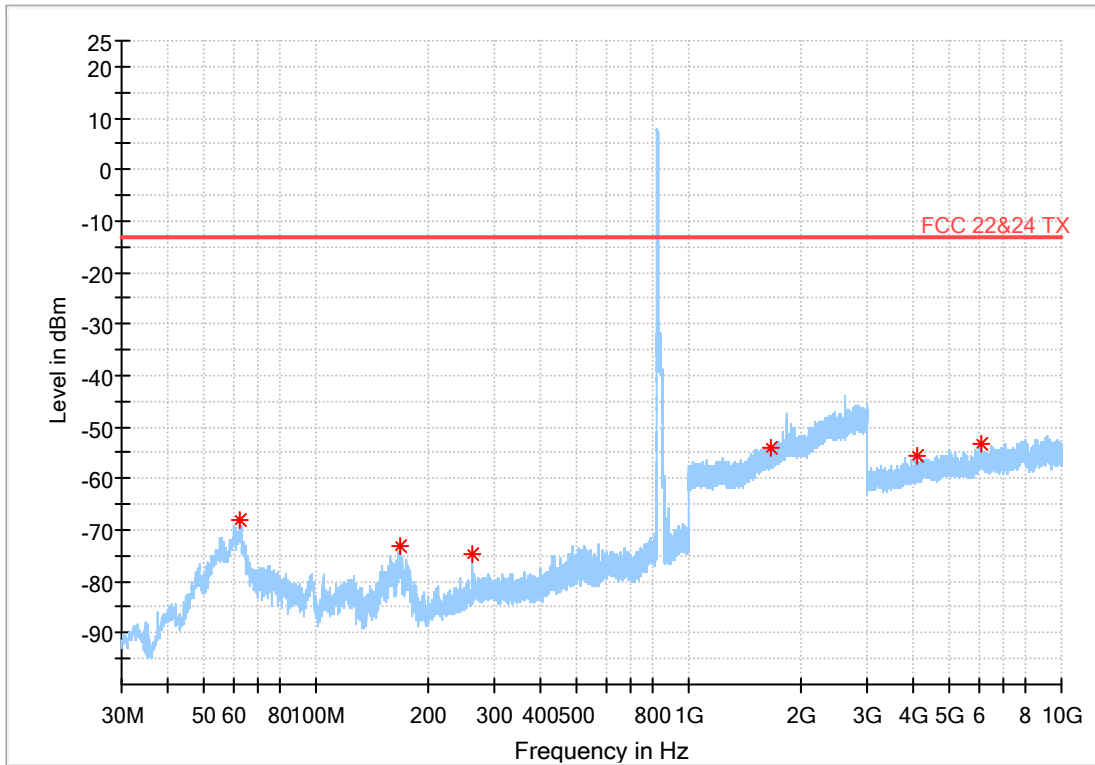
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7.4.2. Test Channel = LCH_ Horizontal

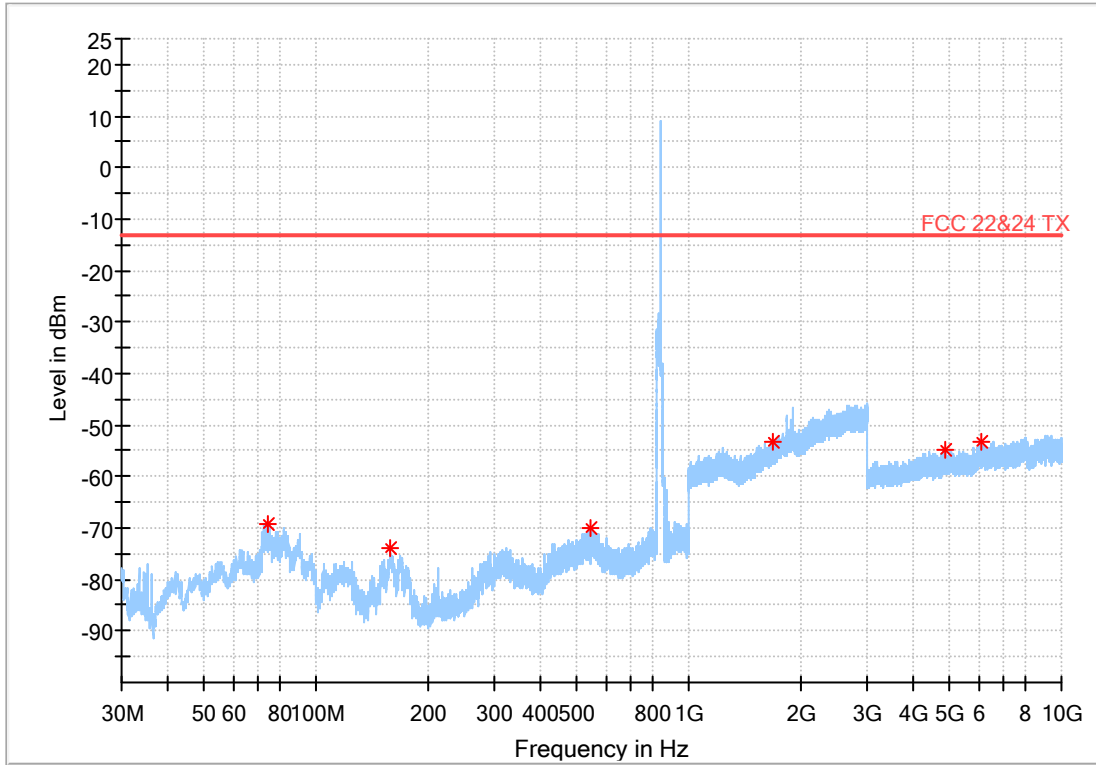
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7.4.3. Test Channel = MCH_ Vertical

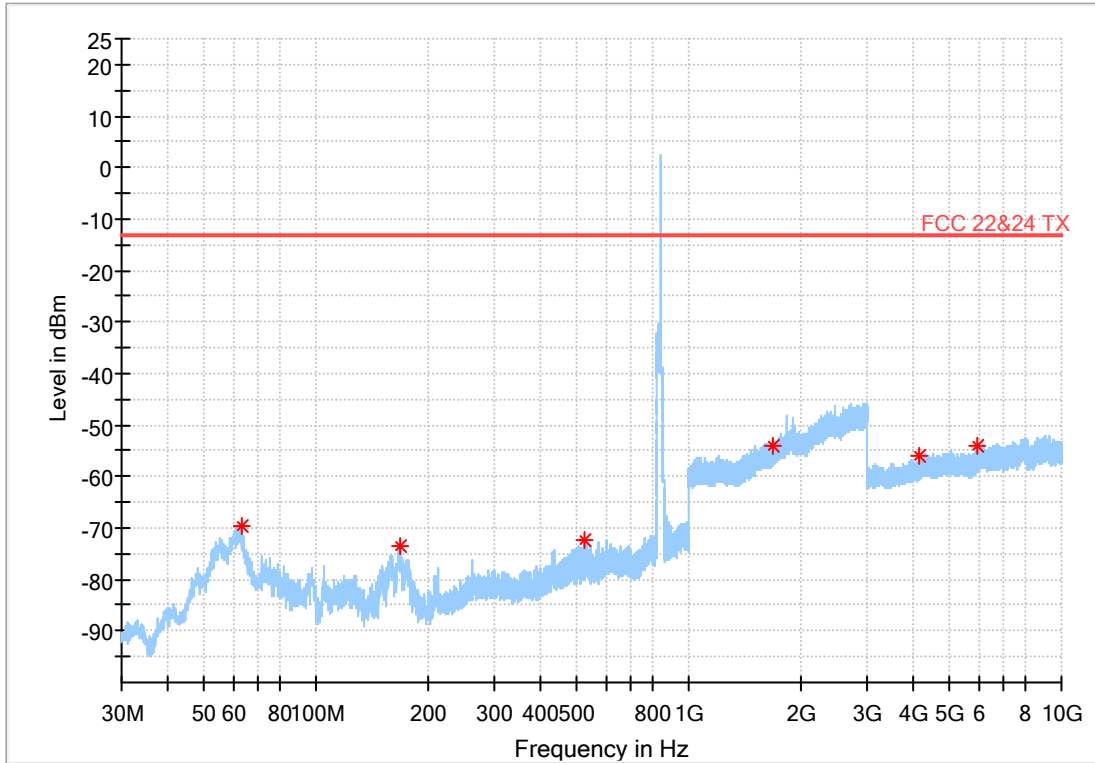
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7.4.4. Test Channel = MCH_ Horizontal

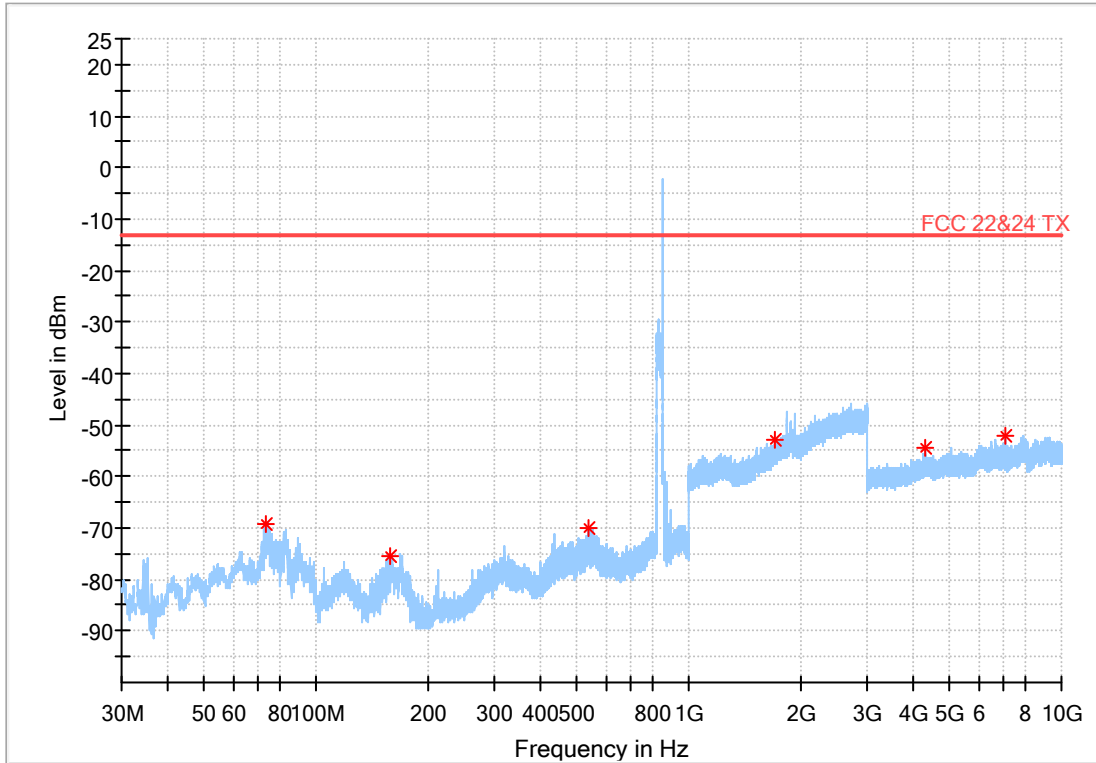
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7.4.5. Test Channel = HCH_ Vertical

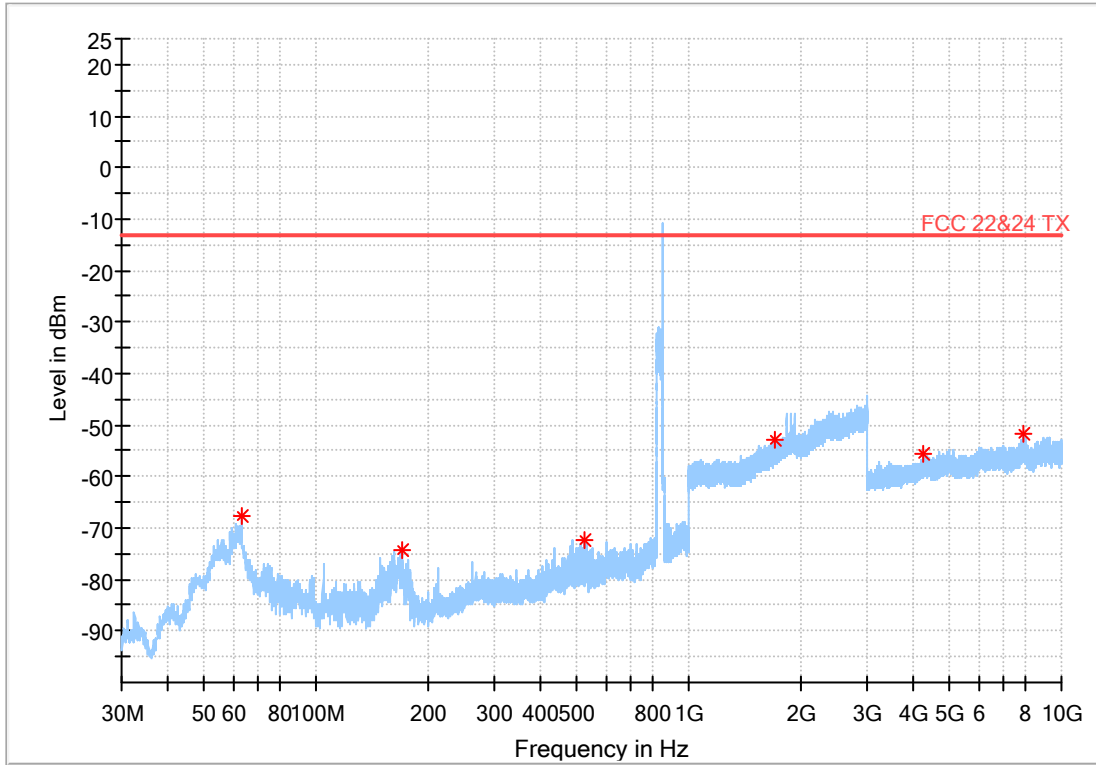
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7.4.6. Test Channel = HCH_ Horizontal

Full Spectrum



Remark:

- 1) 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.
- 2) We have tested all modulation and all Bandwidth , but only the worst case data presented in this report.



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8. Frequency Stability

8.1. Frequency Error Vs Voltage

BAND	Channel	Voltage					
		Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	TN	-16.30	-0.019782	±2.5	PASS
GSM850	128	VN	TN	-20.02	-0.024287	±2.5	PASS
GSM850	128	VH	TN	-18.92	-0.022955	±2.5	PASS
GSM850	190	VL	TN	-31.45	-0.037588	±2.5	PASS
GSM850	190	VN	TN	-31.32	-0.037434	±2.5	PASS
GSM850	190	VH	TN	-30.41	-0.036353	±2.5	PASS
GSM850	251	VL	TN	-18.18	-0.021415	±2.5	PASS
GSM850	251	VN	TN	-18.11	-0.021339	±2.5	PASS
GSM850	251	VH	TN	-16.43	-0.019361	±2.5	PASS
EGPRS850	128	VL	TN	-14.37	-0.017432	±2.5	PASS
EGPRS850	128	VN	TN	-14.01	-0.017001	±2.5	PASS
EGPRS850	128	VH	TN	-10.72	-0.013005	±2.5	PASS
EGPRS850	190	VL	TN	-19.11	-0.022846	±2.5	PASS
EGPRS850	190	VN	TN	-25.38	-0.030333	±2.5	PASS
EGPRS850	190	VH	TN	-21.70	-0.025934	±2.5	PASS
EGPRS850	251	VL	TN	-12.14	-0.014302	±2.5	PASS
EGPRS850	251	VN	TN	-5.36	-0.006314	±2.5	PASS
EGPRS850	251	VH	TN	-5.84	-0.006885	±2.5	PASS
GSM1900	512	VL	TN	-44.68	-0.024151	±2.5	PASS
GSM1900	512	VN	TN	-46.10	-0.024918	±2.5	PASS
GSM1900	512	VH	TN	-42.23	-0.022825	±2.5	PASS
GSM1900	661	VL	TN	-0.29	-0.000155	±2.5	PASS
GSM1900	661	VN	TN	2.32	0.001236	±2.5	PASS
GSM1900	661	VH	TN	0.74	0.000395	±2.5	PASS
GSM1900	810	VL	TN	0.71	0.000372	±2.5	PASS
GSM1900	810	VN	TN	1.36	0.000710	±2.5	PASS
GSM1900	810	VH	TN	6.65	0.003483	±2.5	PASS
EGPRS1900	512	VL	TN	-28.67	-0.015496	±2.5	PASS
EGPRS1900	512	VN	TN	-36.90	-0.019945	±2.5	PASS
EGPRS1900	512	VH	TN	-22.60	-0.012215	±2.5	PASS
EGPRS1900	661	VL	TN	1.00	0.000532	±2.5	PASS



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EGPRS1900	661	VN	TN	10.40	0.005530	±2.5	PASS
EGPRS1900	661	VH	TN	8.20	0.004362	±2.5	PASS
EGPRS1900	810	VL	TN	8.78	0.004598	±2.5	PASS
EGPRS1900	810	VN	TN	10.85	0.005680	±2.5	PASS
EGPRS1900	810	VH	TN	10.49	0.005494	±2.5	PASS

8.2. Frequency Error Vs Temperature

Temperature							
BAND	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VN	-30	-16.43	-0.019939	±2.5	PASS
GSM850	128	VN	-20	-16.95	-0.020565	±2.5	PASS
GSM850	128	VN	-10	-16.92	-0.020526	±2.5	PASS
GSM850	128	VN	0	-16.72	-0.020291	±2.5	PASS
GSM850	128	VN	10	-17.66	-0.021427	±2.5	PASS
GSM850	128	VN	20	-16.79	-0.020370	±2.5	PASS
GSM850	128	VN	30	-20.66	-0.025070	±2.5	PASS
GSM850	128	VN	40	-16.95	-0.020565	±2.5	PASS
GSM850	128	VN	50	-22.63	-0.027460	±2.5	PASS
GSM850	190	VN	-30	-30.19	-0.036083	±2.5	PASS
GSM850	190	VN	-20	-31.61	-0.037781	±2.5	PASS
GSM850	190	VN	-10	-32.16	-0.038437	±2.5	PASS
GSM850	190	VN	0	-30.09	-0.035967	±2.5	PASS
GSM850	190	VN	10	-29.99	-0.035852	±2.5	PASS
GSM850	190	VN	20	-29.99	-0.035852	±2.5	PASS
GSM850	190	VN	30	-30.22	-0.036122	±2.5	PASS
GSM850	190	VN	40	-32.77	-0.039171	±2.5	PASS
GSM850	190	VN	50	-32.06	-0.038322	±2.5	PASS
GSM850	251	VN	-30	-16.43	-0.019361	±2.5	PASS
GSM850	251	VN	-20	-15.56	-0.018334	±2.5	PASS
GSM850	251	VN	-10	-17.92	-0.021111	±2.5	PASS
GSM850	251	VN	0	-15.76	-0.018562	±2.5	PASS
GSM850	251	VN	10	-16.40	-0.019323	±2.5	PASS
GSM850	251	VN	20	-16.85	-0.019855	±2.5	PASS
GSM850	251	VN	30	-16.40	-0.019323	±2.5	PASS
GSM850	251	VN	40	-16.01	-0.018866	±2.5	PASS
GSM850	251	VN	50	-16.92	-0.019931	±2.5	PASS
EGPRS850	128	VN	-30	-10.65	-0.012927	±2.5	PASS
EGPRS850	128	VN	-20	-12.37	-0.015003	±2.5	PASS



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EGPRS850	128	VN	-10	-12.53	-0.015199	±2.5	PASS
EGPRS850	128	VN	0	-12.24	-0.014846	±2.5	PASS
EGPRS850	128	VN	10	-11.75	-0.014259	±2.5	PASS
EGPRS850	128	VN	20	-10.33	-0.012535	±2.5	PASS
EGPRS850	128	VN	30	-9.88	-0.011987	±2.5	PASS
EGPRS850	128	VN	40	-9.62	-0.011673	±2.5	PASS
EGPRS850	128	VN	50	-12.20	-0.014807	±2.5	PASS
EGPRS850	190	VN	-30	-21.89	-0.026165	±2.5	PASS
EGPRS850	190	VN	-20	-20.37	-0.024351	±2.5	PASS
EGPRS850	190	VN	-10	-18.69	-0.022345	±2.5	PASS
EGPRS850	190	VN	0	-19.95	-0.023850	±2.5	PASS
EGPRS850	190	VN	10	-21.11	-0.025239	±2.5	PASS
EGPRS850	190	VN	20	-17.18	-0.020531	±2.5	PASS
EGPRS850	190	VN	30	-23.08	-0.027593	±2.5	PASS
EGPRS850	190	VN	40	-23.76	-0.028404	±2.5	PASS
EGPRS850	190	VN	50	-19.53	-0.023348	±2.5	PASS
EGPRS850	251	VN	-30	-9.81	-0.011563	±2.5	PASS
EGPRS850	251	VN	-20	-10.75	-0.012666	±2.5	PASS
EGPRS850	251	VN	-10	-6.42	-0.007569	±2.5	PASS
EGPRS850	251	VN	0	-8.36	-0.009852	±2.5	PASS
EGPRS850	251	VN	10	-11.69	-0.013769	±2.5	PASS
EGPRS850	251	VN	20	-4.65	-0.005477	±2.5	PASS
EGPRS850	251	VN	30	-9.23	-0.010879	±2.5	PASS
EGPRS850	251	VN	40	-8.56	-0.010080	±2.5	PASS
EGPRS850	251	VN	50	-9.17	-0.010803	±2.5	PASS
GSM1900	512	VN	-30	-39.68	-0.021446	±2.5	PASS
GSM1900	512	VN	-20	-39.58	-0.021394	±2.5	PASS
GSM1900	512	VN	-10	-41.97	-0.022685	±2.5	PASS
GSM1900	512	VN	0	-44.52	-0.024063	±2.5	PASS
GSM1900	512	VN	10	-39.65	-0.021429	±2.5	PASS
GSM1900	512	VN	20	-39.78	-0.021498	±2.5	PASS
GSM1900	512	VN	30	-39.49	-0.021341	±2.5	PASS
GSM1900	512	VN	40	-40.00	-0.021620	±2.5	PASS
GSM1900	512	VN	50	-36.90	-0.019945	±2.5	PASS
GSM1900	661	VN	-30	-3.23	-0.001717	±2.5	PASS
GSM1900	661	VN	-20	-1.42	-0.000756	±2.5	PASS
GSM1900	661	VN	-10	-0.36	-0.000189	±2.5	PASS
GSM1900	661	VN	0	-2.81	-0.001494	±2.5	PASS



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GSM1900	661	VN	10	-1.07	-0.000567	±2.5	PASS
GSM1900	661	VN	20	-4.16	-0.002215	±2.5	PASS
GSM1900	661	VN	30	-0.26	-0.000137	±2.5	PASS
GSM1900	661	VN	40	-6.39	-0.003400	±2.5	PASS
GSM1900	661	VN	50	-3.52	-0.001872	±2.5	PASS
GSM1900	810	VN	-30	1.00	0.000524	±2.5	PASS
GSM1900	810	VN	-20	7.33	0.003838	±2.5	PASS
GSM1900	810	VN	-10	2.71	0.001420	±2.5	PASS
GSM1900	810	VN	0	5.29	0.002772	±2.5	PASS
GSM1900	810	VN	10	4.33	0.002265	±2.5	PASS
GSM1900	810	VN	20	5.59	0.002925	±2.5	PASS
GSM1900	810	VN	30	2.13	0.001116	±2.5	PASS
GSM1900	810	VN	40	3.71	0.001944	±2.5	PASS
GSM1900	810	VN	50	4.91	0.002570	±2.5	PASS
EGPRS1900	512	VN	-30	-26.38	-0.014257	±2.5	PASS
EGPRS1900	512	VN	-20	-19.02	-0.010278	±2.5	PASS
EGPRS1900	512	VN	-10	-31.90	-0.017241	±2.5	PASS
EGPRS1900	512	VN	0	-33.93	-0.018340	±2.5	PASS
EGPRS1900	512	VN	10	-28.96	-0.015653	±2.5	PASS
EGPRS1900	512	VN	20	-28.80	-0.015565	±2.5	PASS
EGPRS1900	512	VN	30	-30.35	-0.016403	±2.5	PASS
EGPRS1900	512	VN	40	-25.31	-0.013681	±2.5	PASS
EGPRS1900	512	VN	50	-25.83	-0.013960	±2.5	PASS
EGPRS1900	661	VN	-30	9.72	0.005169	±2.5	PASS
EGPRS1900	661	VN	-20	13.50	0.007178	±2.5	PASS
EGPRS1900	661	VN	-10	9.40	0.004997	±2.5	PASS
EGPRS1900	661	VN	0	8.23	0.004379	±2.5	PASS
EGPRS1900	661	VN	10	9.14	0.004860	±2.5	PASS
EGPRS1900	661	VN	20	11.59	0.006165	±2.5	PASS
EGPRS1900	661	VN	30	10.69	0.005684	±2.5	PASS
EGPRS1900	661	VN	40	8.72	0.004637	±2.5	PASS
EGPRS1900	661	VN	50	10.75	0.005719	±2.5	PASS
EGPRS1900	810	VN	-30	11.98	0.006272	±2.5	PASS
EGPRS1900	810	VN	-20	0.39	0.000203	±2.5	PASS
EGPRS1900	810	VN	-10	10.11	0.005291	±2.5	PASS
EGPRS1900	810	VN	0	10.36	0.005427	±2.5	PASS
EGPRS1900	810	VN	10	15.27	0.007996	±2.5	PASS
EGPRS1900	810	VN	20	12.62	0.006610	±2.5	PASS



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EGPRS1900	810	VN	30	8.62	0.004514	±2.5	PASS
EGPRS1900	810	VN	40	12.88	0.006745	±2.5	PASS
EGPRS1900	810	VN	50	12.04	0.006306	±2.5	PASS

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