



# Appendix B

## GSM 850 & 1900



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## 1. Effective (Isotropic) Radiated Power Output Data

### 1.1. Test Result

Band	Channel	Slot	Conducted Power (dBm)	ERP (dBm)	Limit(dBm)	Verdict
GSM850	128	---	32.49	26.34	38.45	PASS
GSM850	190	---	32.25	26.10	38.45	PASS
GSM850	251	---	32.64	26.49	38.45	PASS
EGPRS850 (GMSK)	128	1	32.42	26.27	38.45	PASS
EGPRS850 (GMSK)	128	2	30.69	24.54	38.45	PASS
EGPRS850 (GMSK)	128	3	28.91	22.76	38.45	PASS
EGPRS850 (GMSK)	128	4	27.74	21.59	38.45	PASS
EGPRS850 (GMSK)	190	1	32.67	26.52	38.45	PASS
EGPRS850 (GMSK)	190	2	30.78	24.63	38.45	PASS
EGPRS850 (GMSK)	190	3	28.89	22.74	38.45	PASS
EGPRS850 (GMSK)	190	4	27.79	21.64	38.45	PASS
EGPRS850 (GMSK)	251	1	32.60	26.45	38.45	PASS
EGPRS850 (GMSK)	251	2	30.74	24.59	38.45	PASS
EGPRS850 (GMSK)	251	3	28.95	22.80	38.45	PASS
EGPRS850 (GMSK)	251	4	27.75	21.60	38.45	PASS
EGPRS850 (8PSK)	128	1	26.96	20.81	38.45	PASS
EGPRS850 (8PSK)	128	2	25.15	19.00	38.45	PASS
EGPRS850 (8PSK)	128	3	23.59	17.44	38.45	PASS
EGPRS850 (8PSK)	128	4	22.42	16.27	38.45	PASS
EGPRS850 (8PSK)	190	1	26.83	20.68	38.45	PASS
EGPRS850 (8PSK)	190	2	25.22	19.07	38.45	PASS
EGPRS850 (8PSK)	190	3	23.57	17.42	38.45	PASS
EGPRS850 (8PSK)	190	4	22.47	16.32	38.45	PASS
EGPRS850 (8PSK)	251	1	26.80	20.65	38.45	PASS
EGPRS850 (8PSK)	251	2	25.09	18.94	38.45	PASS
EGPRS850 (8PSK)	251	3	23.66	17.51	38.45	PASS
EGPRS850 (8PSK)	251	4	22.39	16.24	38.45	PASS



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Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	29.66	27.66	33.00	PASS
GSM1900	661	---	29.67	27.67	33.00	PASS
GSM1900	810	---	29.59	27.59	33.00	PASS
EGPRS1900 (GMSK)	512	1	29.63	27.63	33.00	PASS
EGPRS1900 (GMSK)	512	2	27.72	25.72	33.00	PASS
EGPRS1900 (GMSK)	512	3	25.69	23.69	33.00	PASS
EGPRS1900 (GMSK)	512	4	24.72	22.72	33.00	PASS
EGPRS1900 (GMSK)	661	1	29.62	27.62	33.00	PASS
EGPRS1900 (GMSK)	661	2	27.56	25.56	33.00	PASS
EGPRS1900 (GMSK)	661	3	25.78	23.78	33.00	PASS
EGPRS1900 (GMSK)	661	4	24.75	22.75	33.00	PASS
EGPRS1900 (GMSK)	810	1	29.61	27.61	33.00	PASS
EGPRS1900 (GMSK)	810	2	27.71	25.71	33.00	PASS
EGPRS1900 (GMSK)	810	3	25.89	23.89	33.00	PASS
EGPRS1900 (GMSK)	810	4	24.69	22.69	33.00	PASS
EGPRS1900 (8PSK)	512	1	25.46	23.46	33.00	PASS
EGPRS1900 (8PSK)	512	2	23.67	21.67	33.00	PASS
EGPRS1900 (8PSK)	512	3	21.29	19.29	33.00	PASS
EGPRS1900 (8PSK)	512	4	20.07	18.07	33.00	PASS
EGPRS1900 (8PSK)	661	1	25.31	23.31	33.00	PASS
EGPRS1900 (8PSK)	661	2	23.71	21.71	33.00	PASS
EGPRS1900 (8PSK)	661	3	21.34	19.34	33.00	PASS
EGPRS1900 (8PSK)	661	4	20.21	18.21	33.00	PASS
EGPRS1900 (8PSK)	810	1	25.42	23.42	33.00	PASS
EGPRS1900 (8PSK)	810	2	23.65	21.65	33.00	PASS
EGPRS1900 (8PSK)	810	3	21.33	19.33	33.00	PASS
EGPRS1900 (8PSK)	810	4	20.19	18.19	33.00	PASS

Remark:

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

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

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



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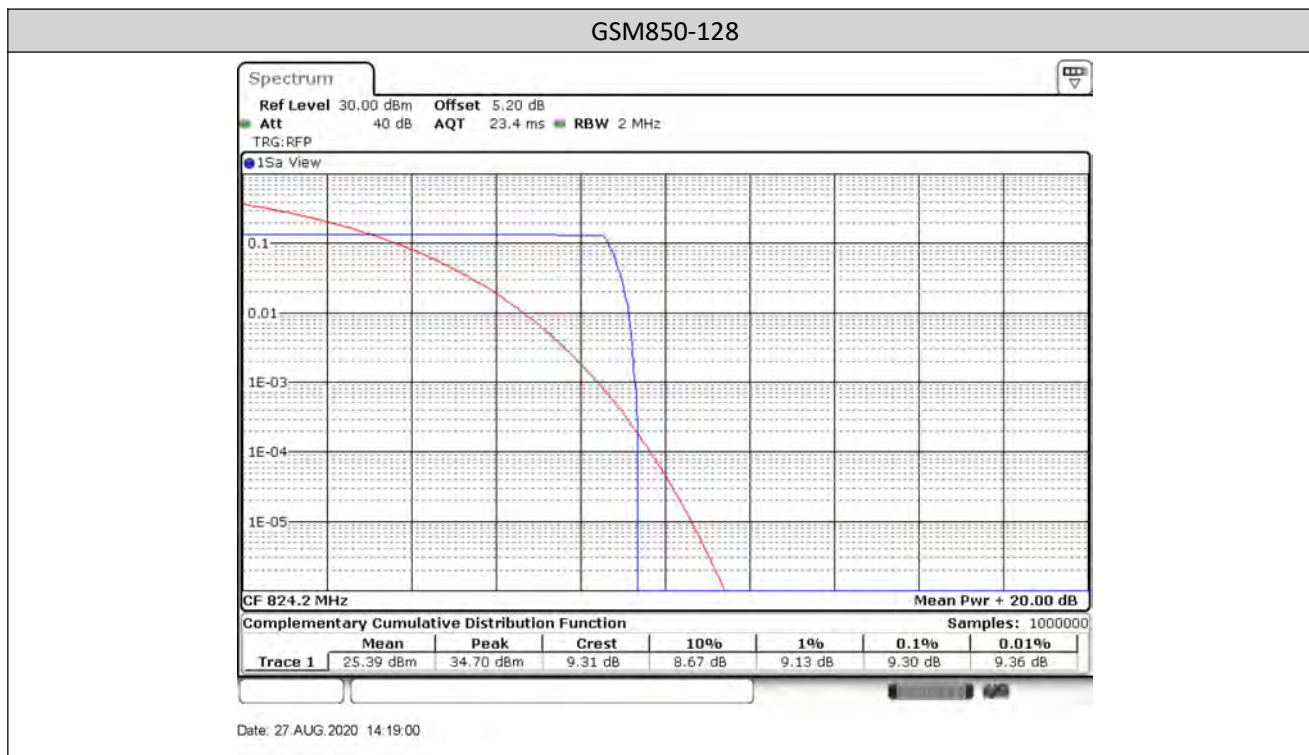


## 2. Peak-to-Average Ratio

### 2.1. Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	9.3	13	PASS
GSM850	190	9.25	13	PASS
GSM850	251	9.16	13	PASS
EGPRS850	128	12.09	13	PASS
EGPRS850	190	11.97	13	PASS
EGPRS850	251	11.88	13	PASS
GSM1900	512	9.91	13	PASS
GSM1900	661	9.01	13	PASS
GSM1900	810	9.1	13	PASS
EGPRS1900	512	12.17	13	PASS
EGPRS1900	661	12.49	13	PASS
EGPRS1900	810	12	13	PASS

### 2.2. Part II - Test Plots

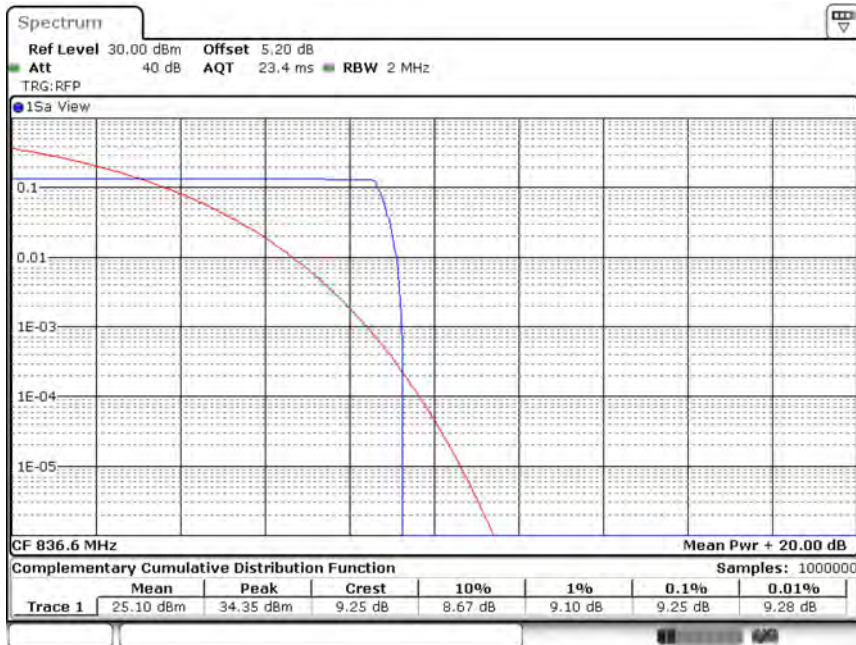


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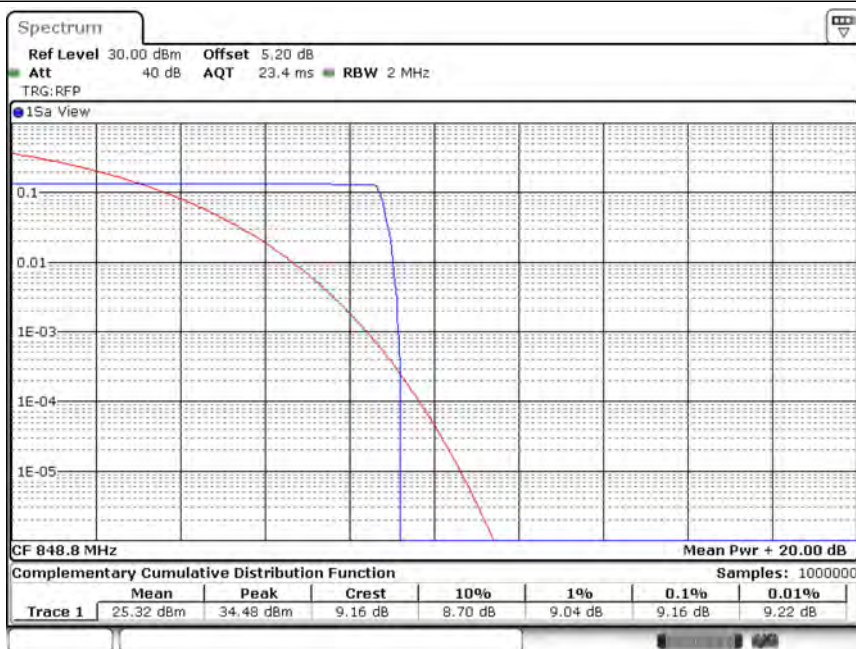
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GSM850-190



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GSM850-251

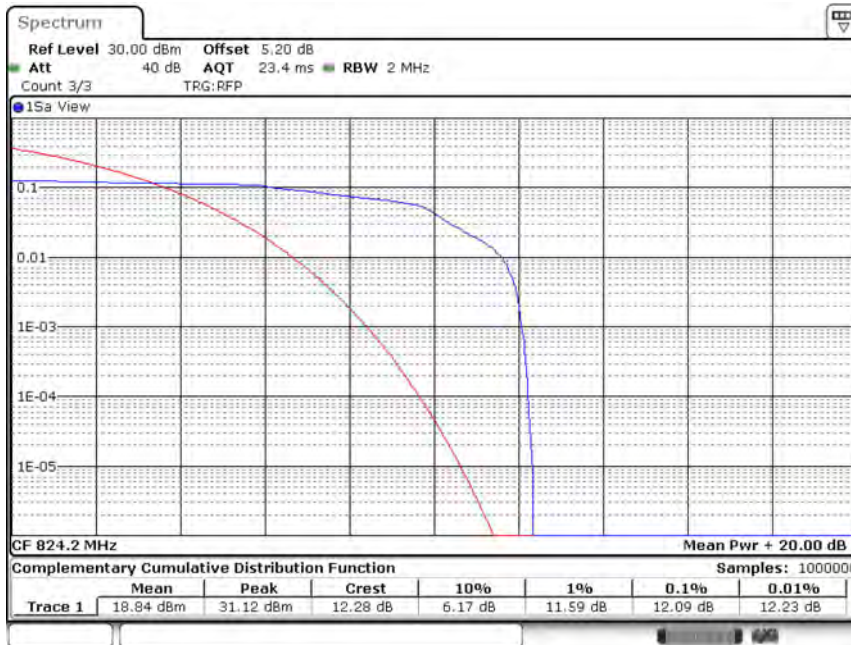


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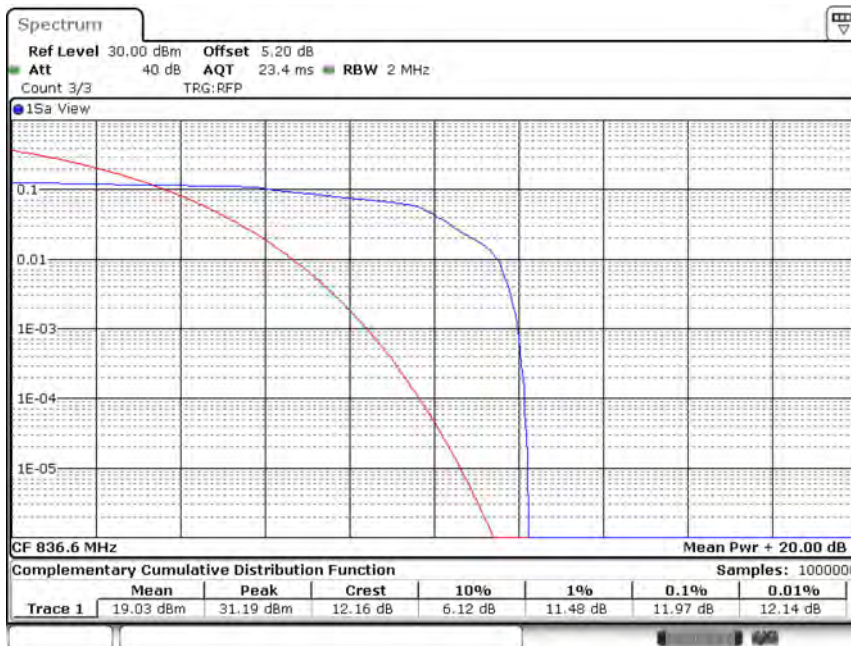
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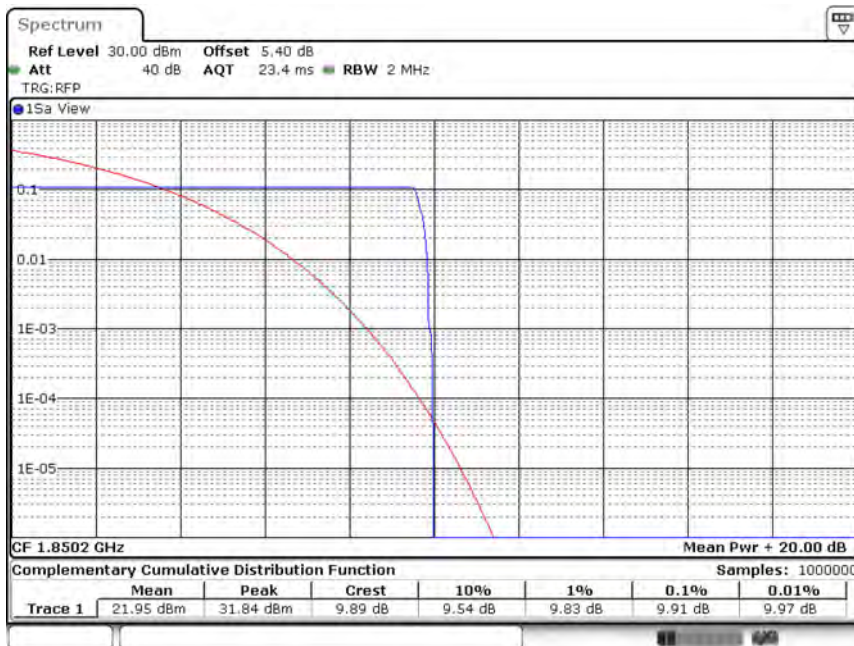


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GSM1900-512



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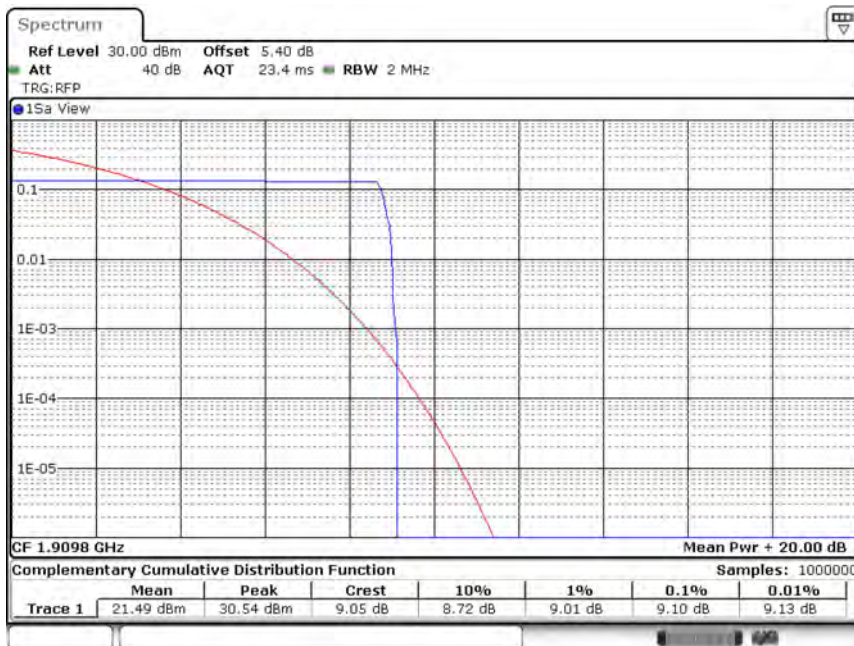
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**GSM1900-661**



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**GSM1900-810**

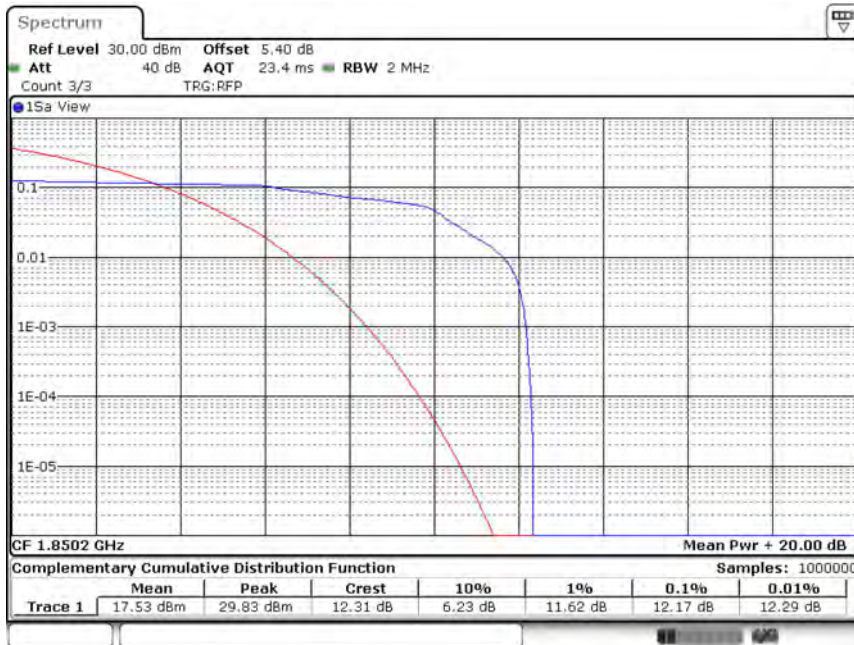


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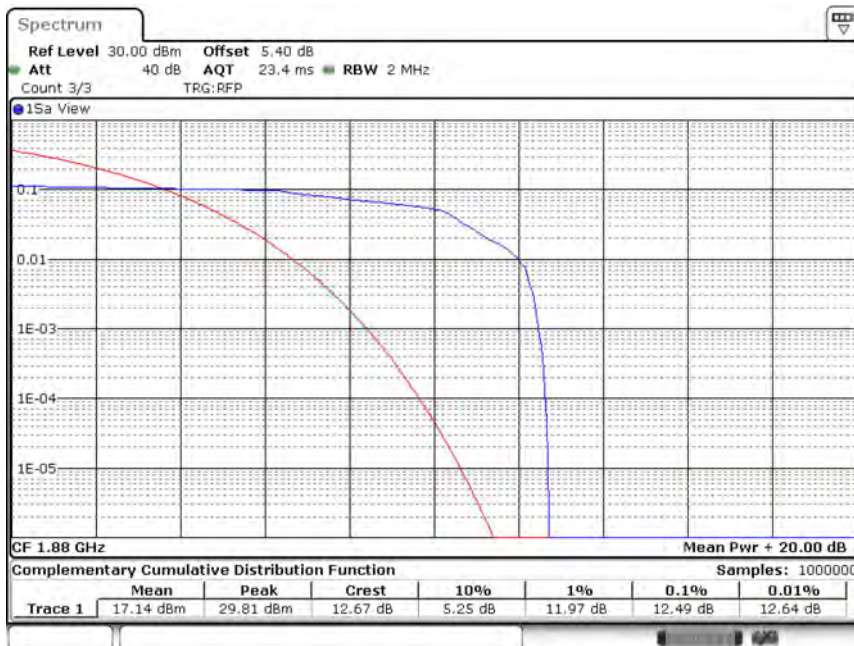
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EGPRS1900-512



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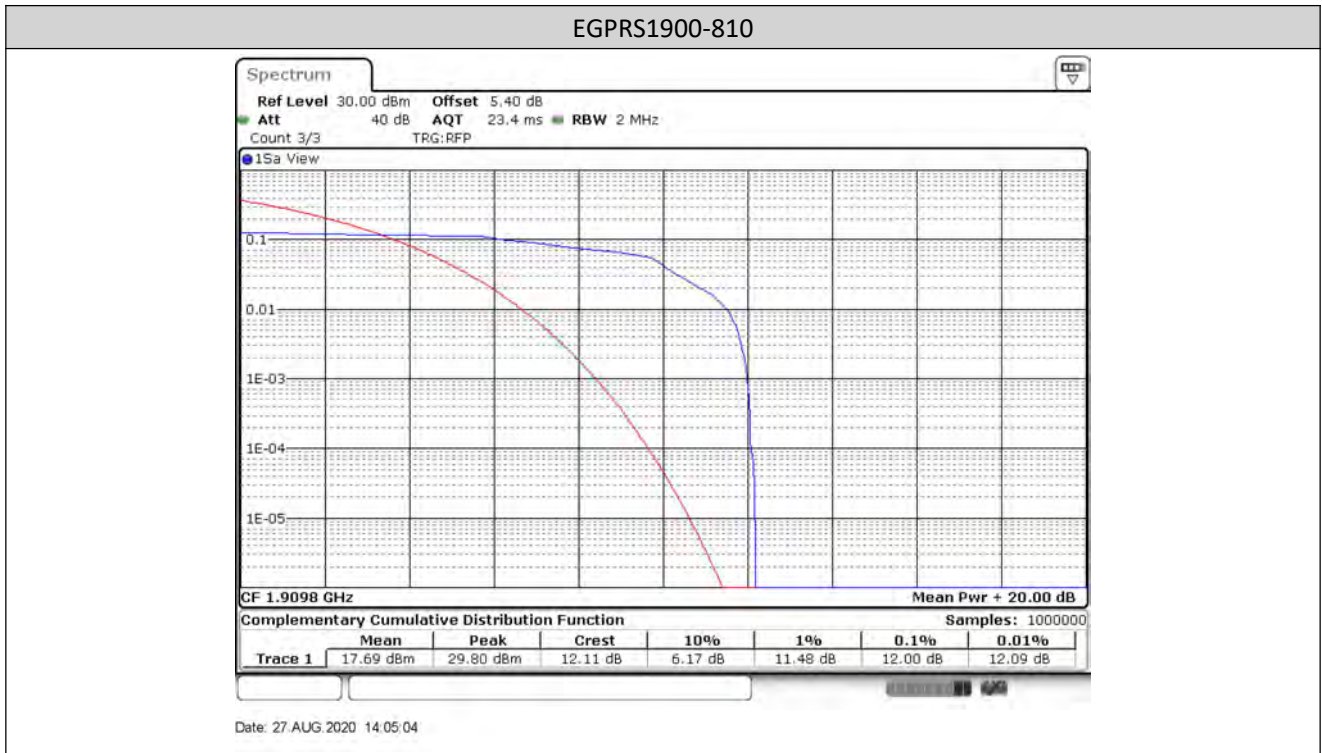
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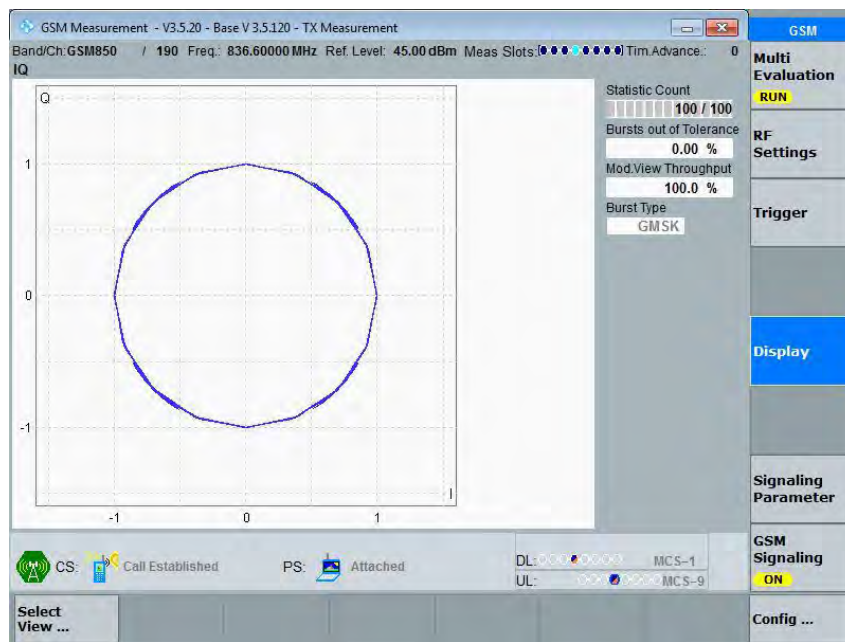
### 3. Modulation Characteristics

#### 3.1. For GSM

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

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

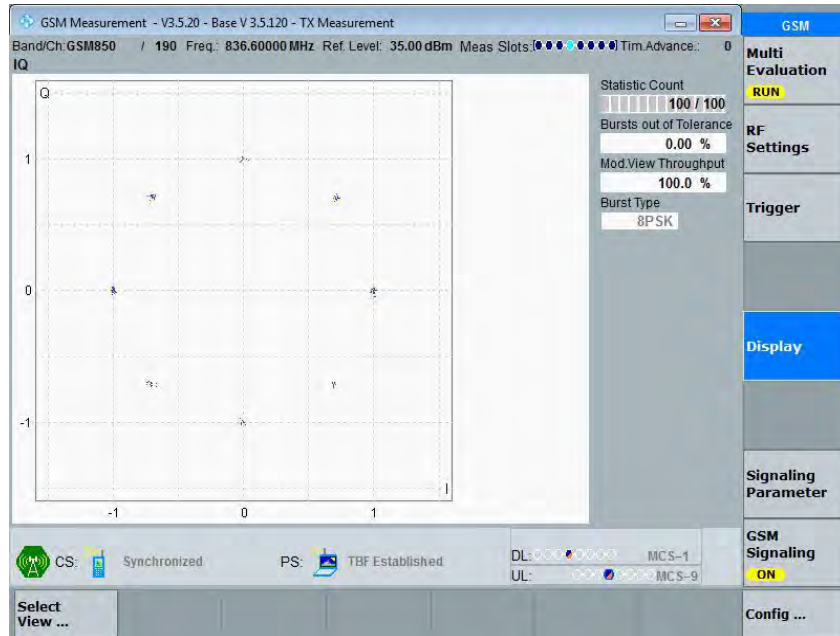
##### 3.1.1.1.1. Test Channel = MCH



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

**3.1.1.2.1. Test Channel = MCH**

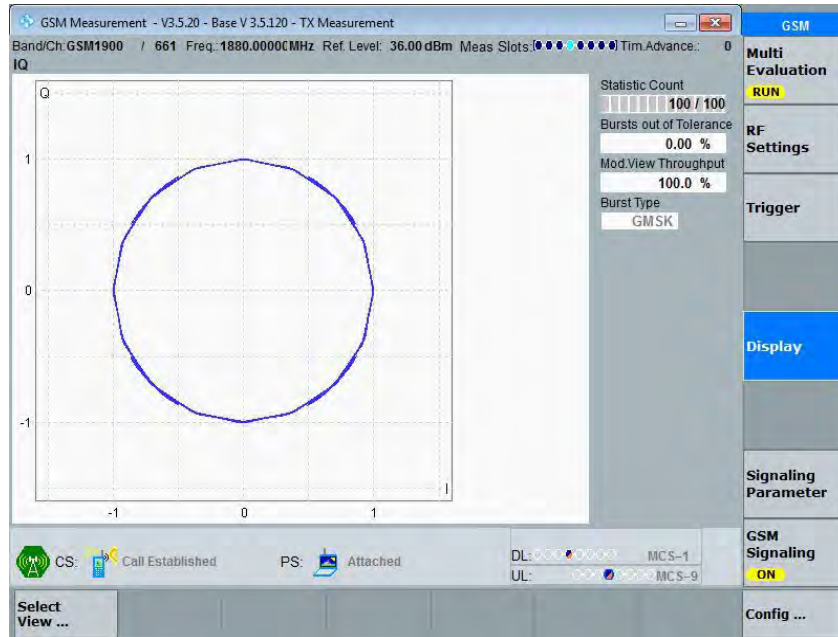


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**3.1.2. Test Band = GSM 1900**

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

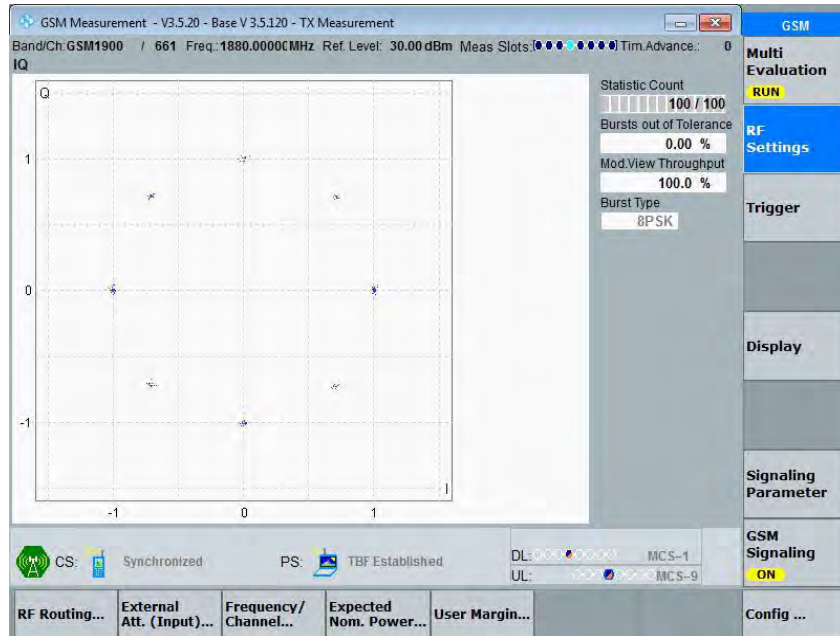
**3.1.2.1.1. Test Channel = MCH**



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

**3.1.2.2.1. Test Channel = MCH**



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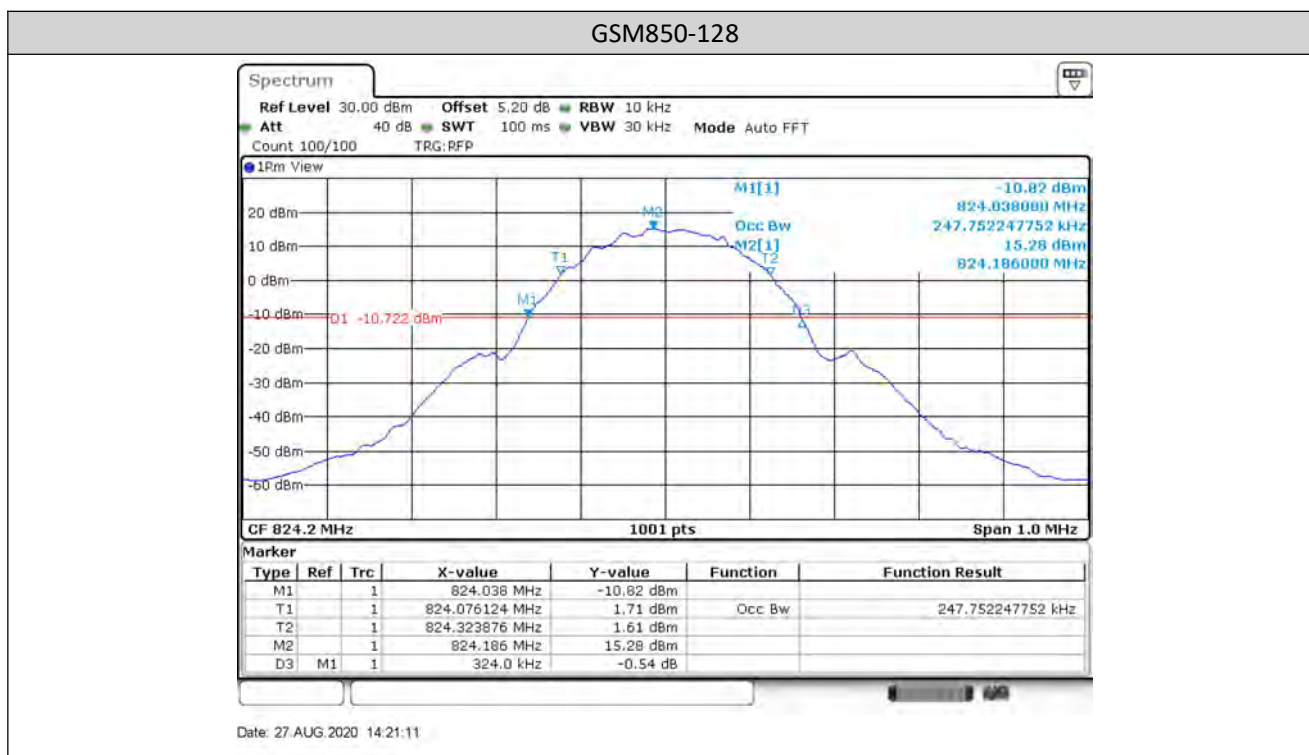


## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.248	0.324	---	PASS
GSM850	190	0.248	0.323	---	PASS
GSM850	251	0.248	0.323	---	PASS
EGPRS850	128	0.246	0.318	---	PASS
EGPRS850	190	0.246	0.317	---	PASS
EGPRS850	251	0.246	0.316	---	PASS
GSM1900	512	0.247	0.323	---	PASS
GSM1900	661	0.247	0.323	---	PASS
GSM1900	810	0.247	0.322	---	PASS
EGPRS1900	512	0.245	0.317	---	PASS
EGPRS1900	661	0.245	0.318	---	PASS
EGPRS1900	810	0.244	0.316	---	PASS

### 4.2. Test Plots

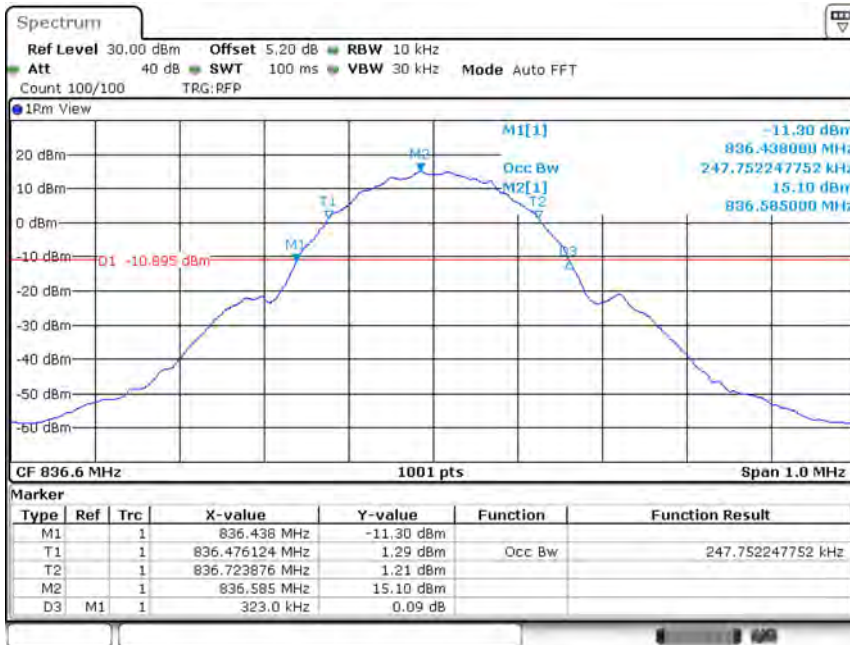


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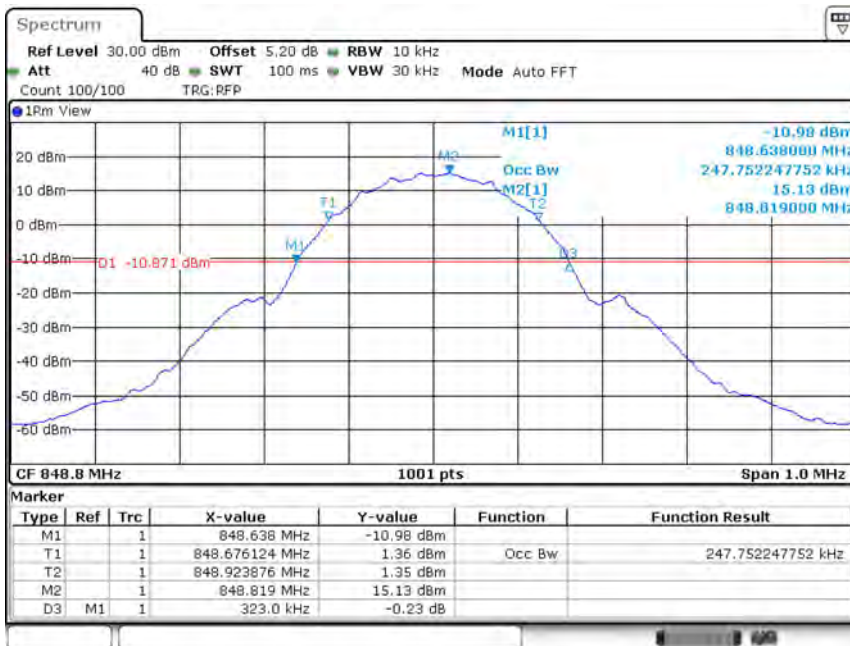
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 中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

**GSM850-190**



Date: 27 AUG 2020 14:21:29

**GSM850-251**

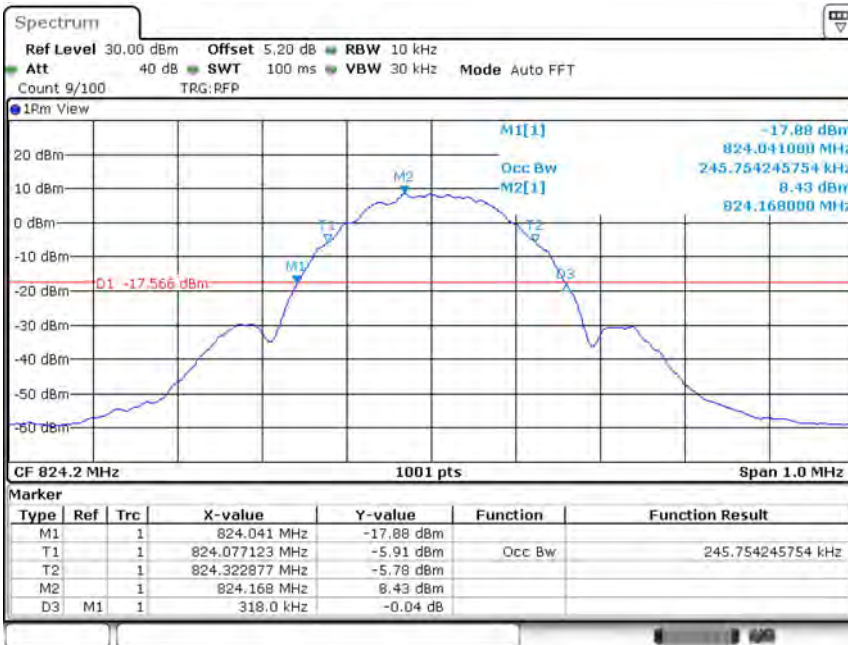


Date: 27 AUG 2020 14:21:47



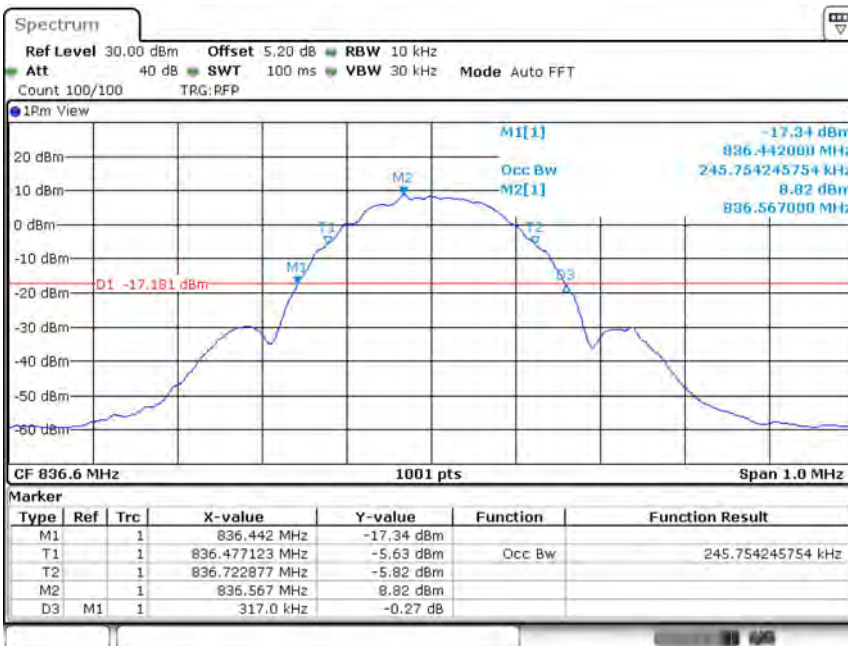
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**EGPRS850-128**



Date: 27.AUG 2020 14:26:40

**EGPRS850-190**

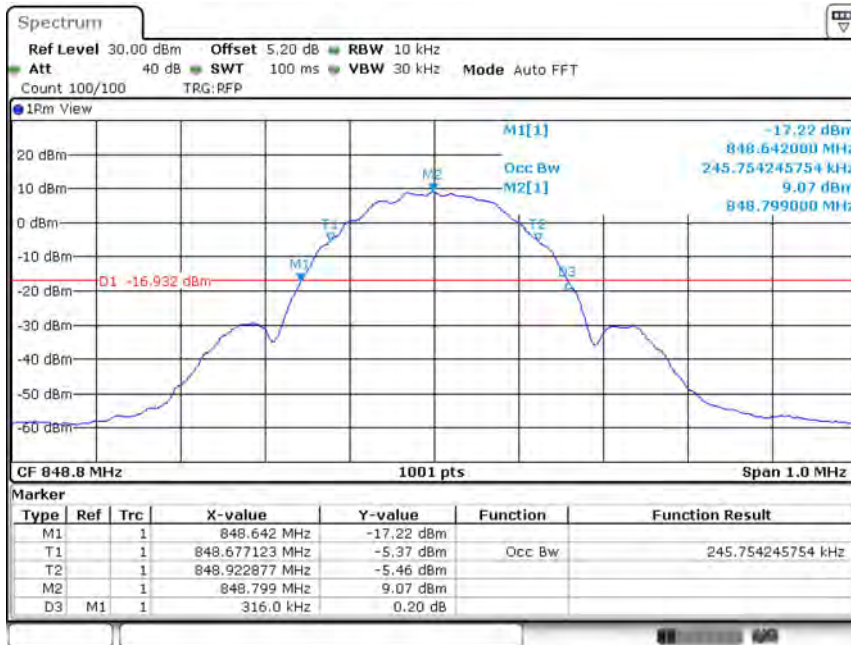


Date: 27.AUG 2020 14:26:59



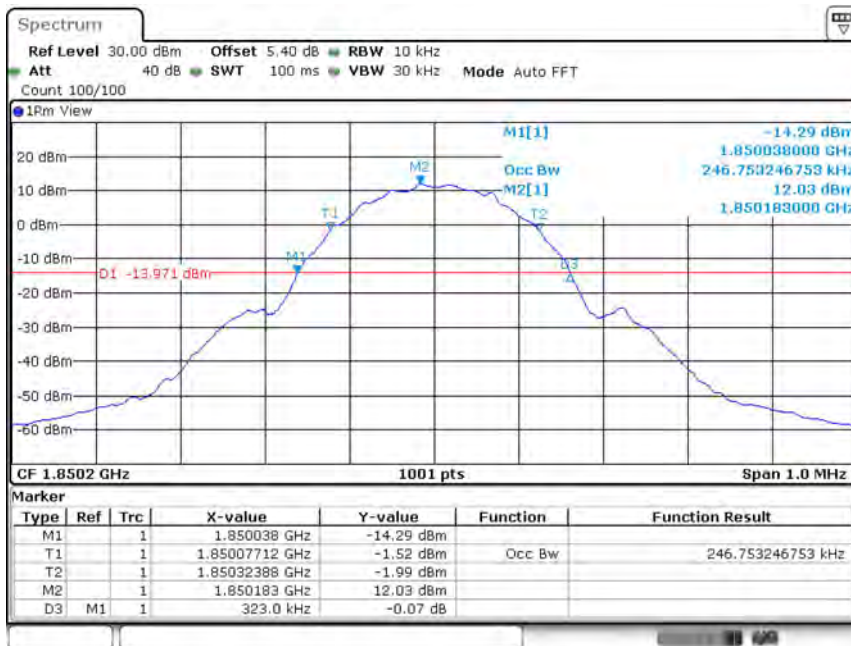
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**EGPRS850-251**



Date: 27.AUG 2020 14:27:19

**GSM1900-512**

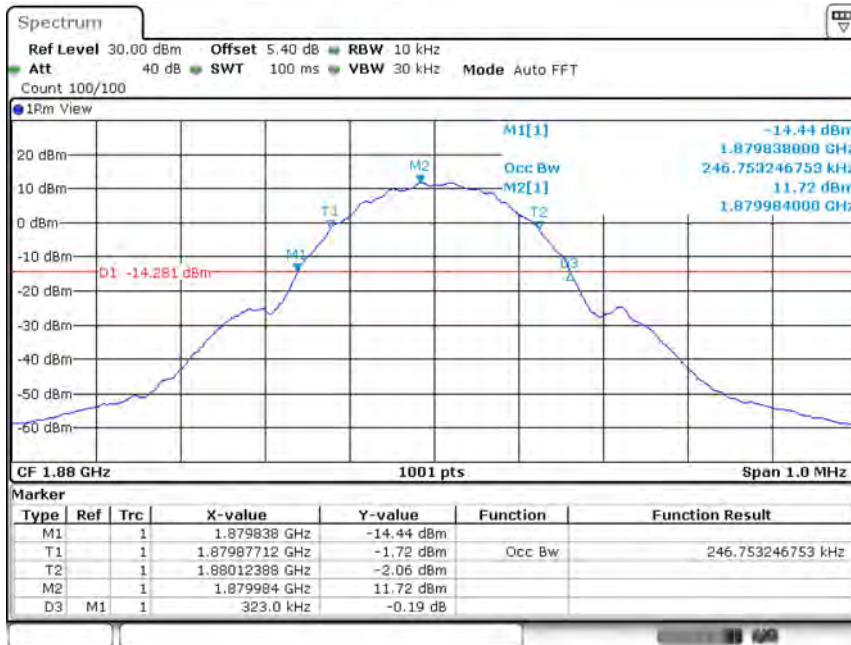


Date: 27.AUG 2020 14:02:33



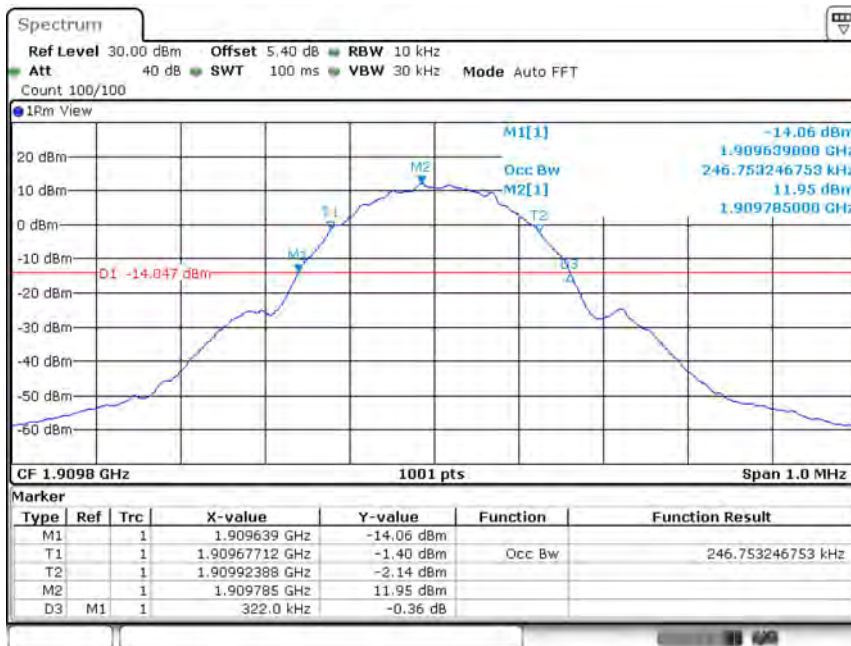
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**GSM1900-661**



Date: 27 AUG 2020 14:02:52

**GSM1900-810**

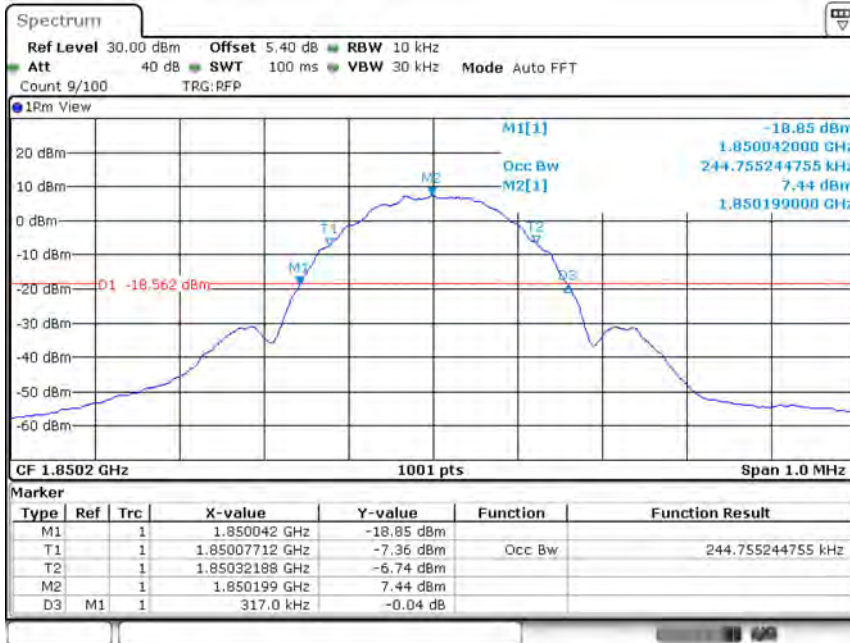


Date: 27 AUG 2020 14:03:10



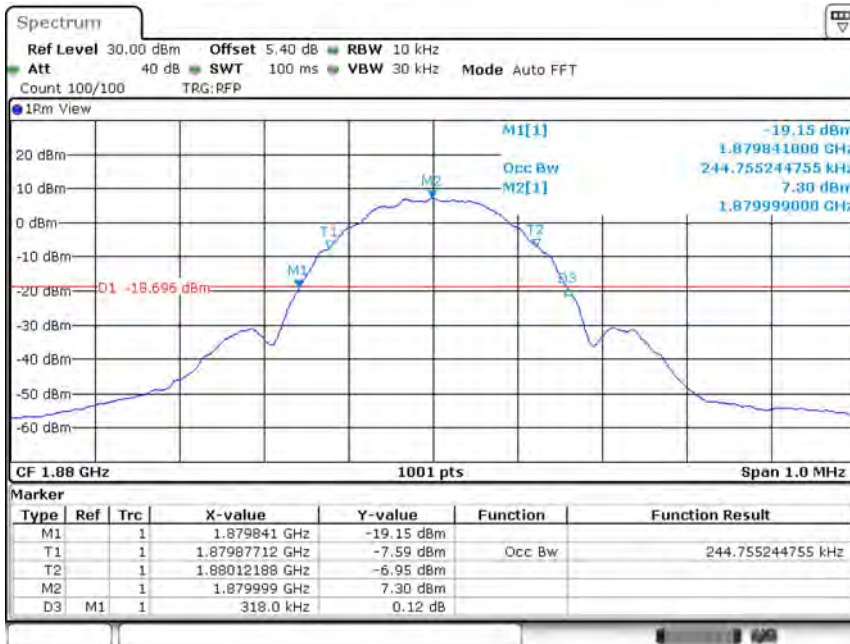
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EGPRS1900-512



Date: 27.AUG.2020 14:07:04

EGPRS1900-661

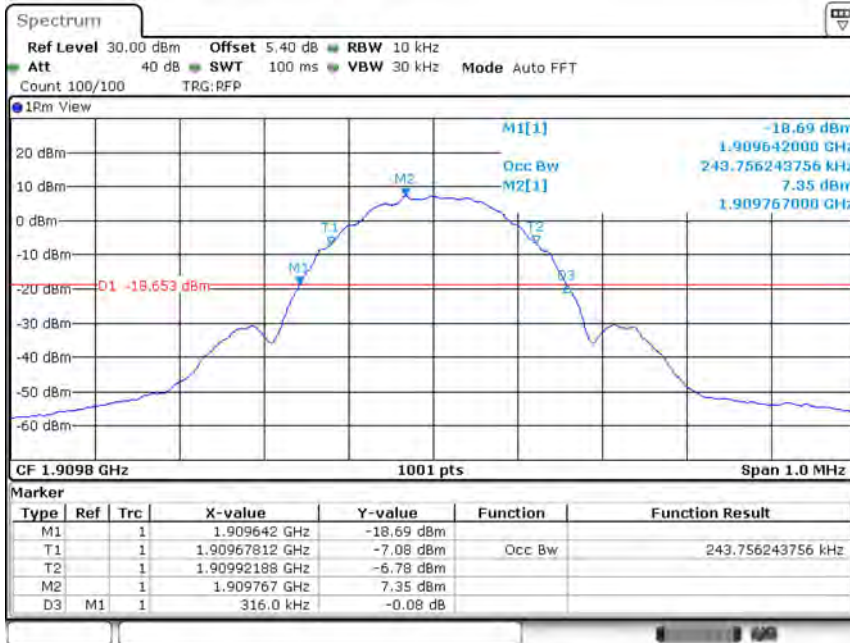


Date: 27.AUG.2020 14:07:23



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EGPRS1900-810



Date: 27.AUG.2020 14:07:42



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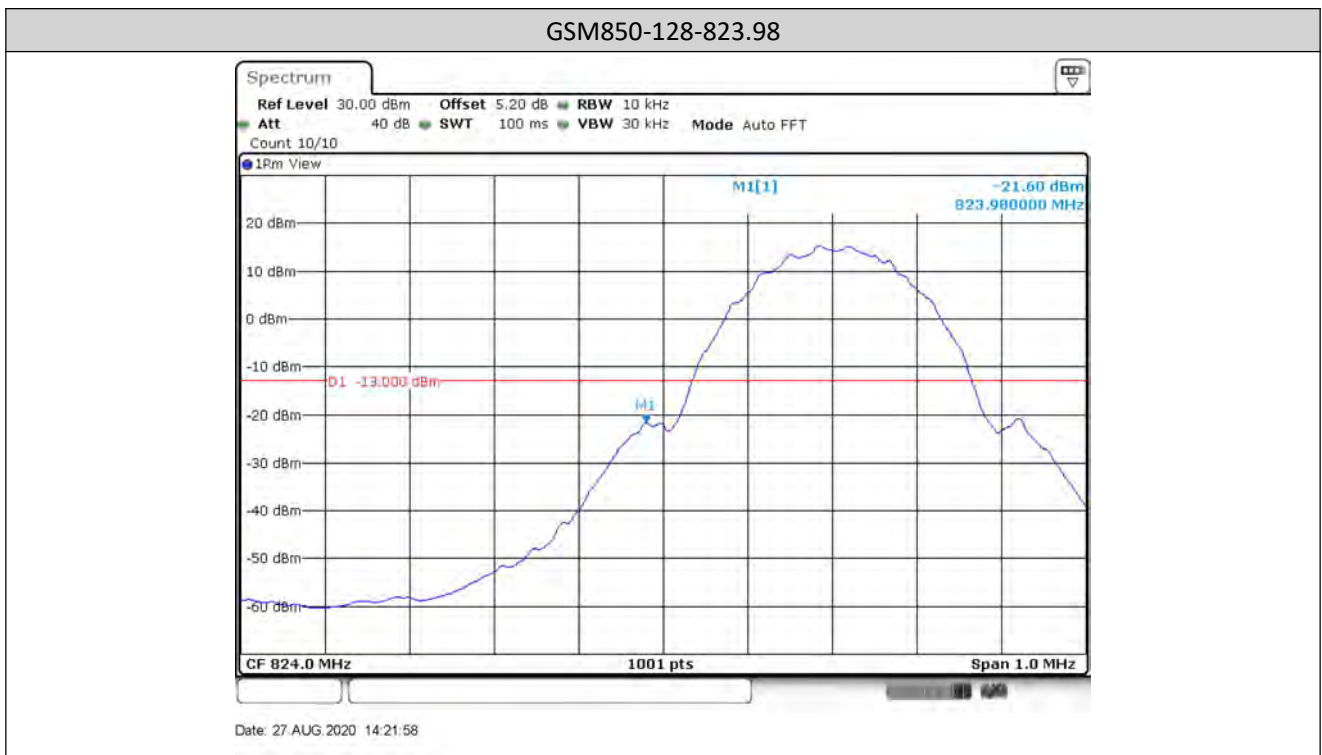


## 5. Band Edge Compliance

### 5.1. Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-21.59	-13	PASS
GSM850	251	849.02	-20.82	-13	PASS
EGPRS850	128	823.98	-29.99	-13	PASS
EGPRS850	251	849.04	-30.14	-13	PASS
GSM1900	512	1849.98	-25.16	-13	PASS
GSM1900	810	1910.02	-24.62	-13	PASS
EGPRS1900	512	1849.99	-31.36	-13	PASS
EGPRS1900	810	1910.01	-30.62	-13	PASS

### 5.2. Test Plots



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GSM850-251-849.02



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EGPRS850-128-823.98



Date: 27 AUG 2020 14:27:31



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EGPRS850-251-849.04



Date: 27 AUG 2020 14:27:42

GSM1900-512-1849.98

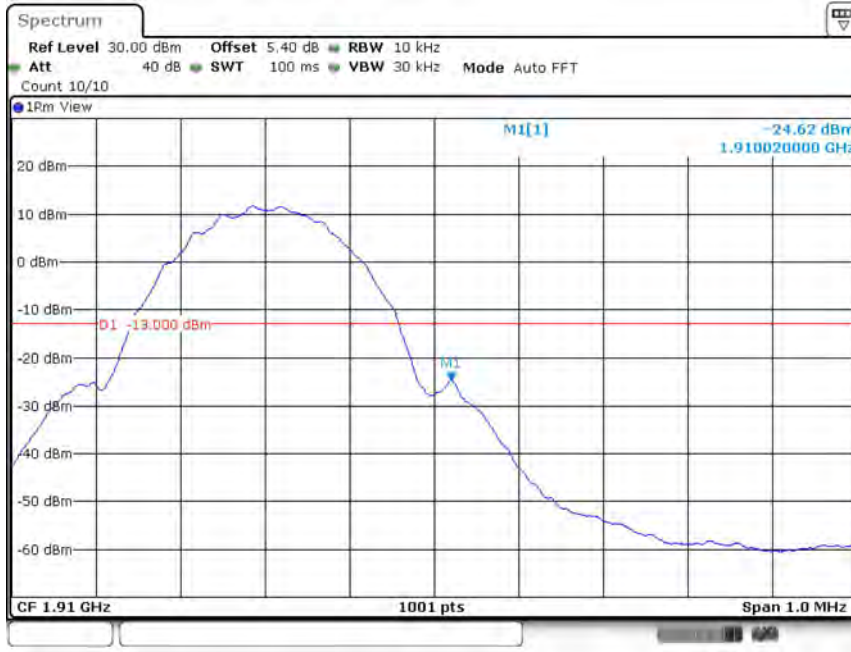


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EGPRS1900-810-1910.01



Date: 27 AUG 2020 14:08:05



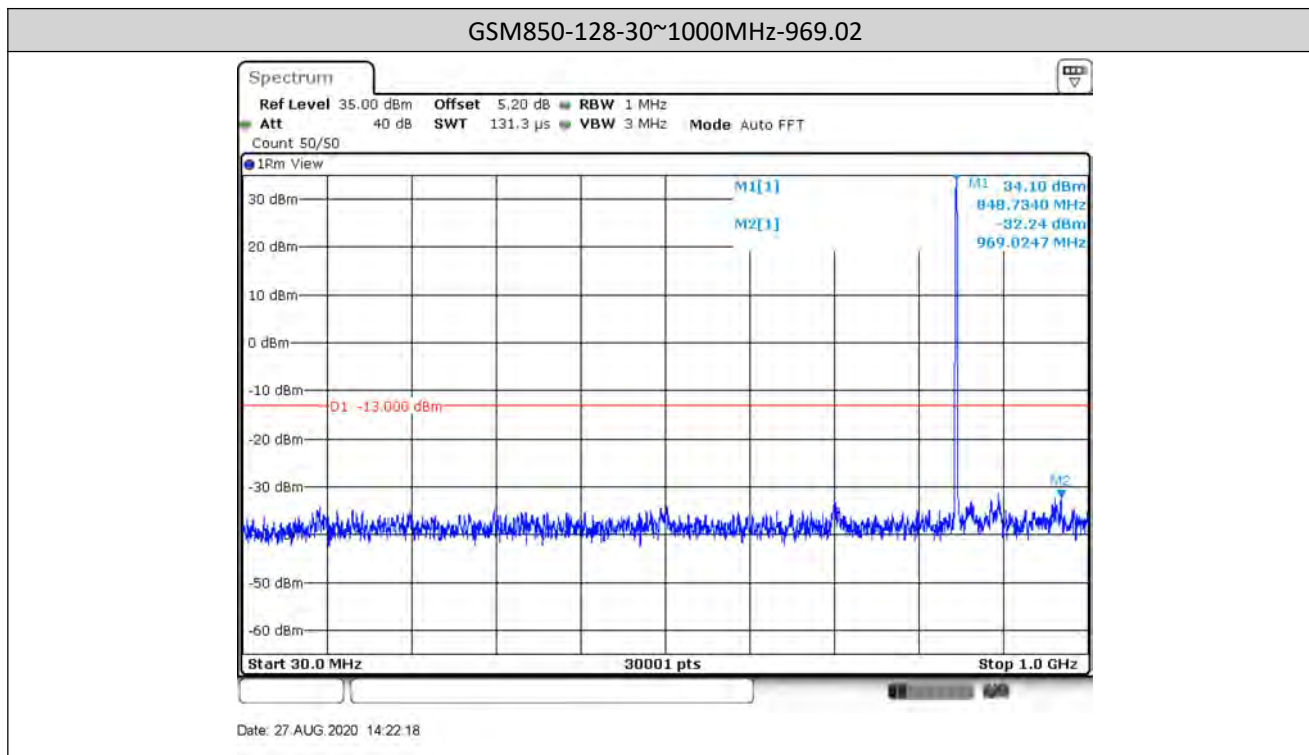
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## 6. Spurious Emission at Antenna Terminal

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.

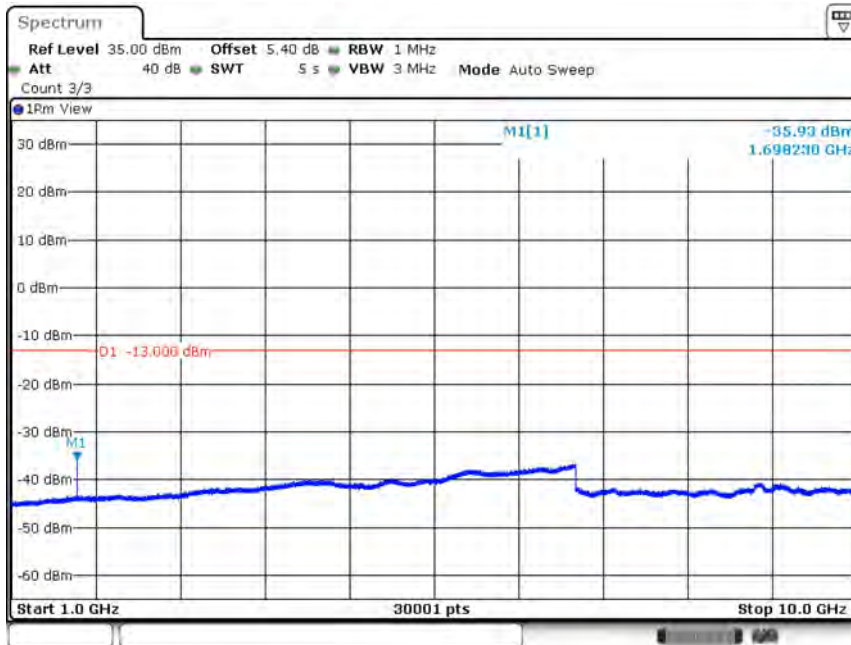
### 6.1. Test Plots



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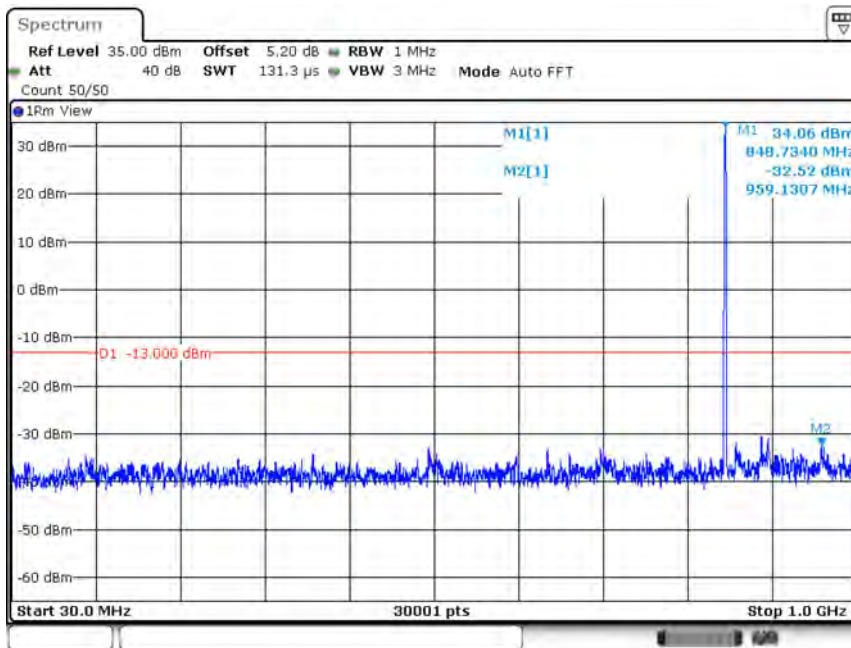
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GSM850-128-1000~10000MHz-1698.23



Date: 27.AUG 2020 14:22:41

GSM850-190-30~1000MHz-959.13

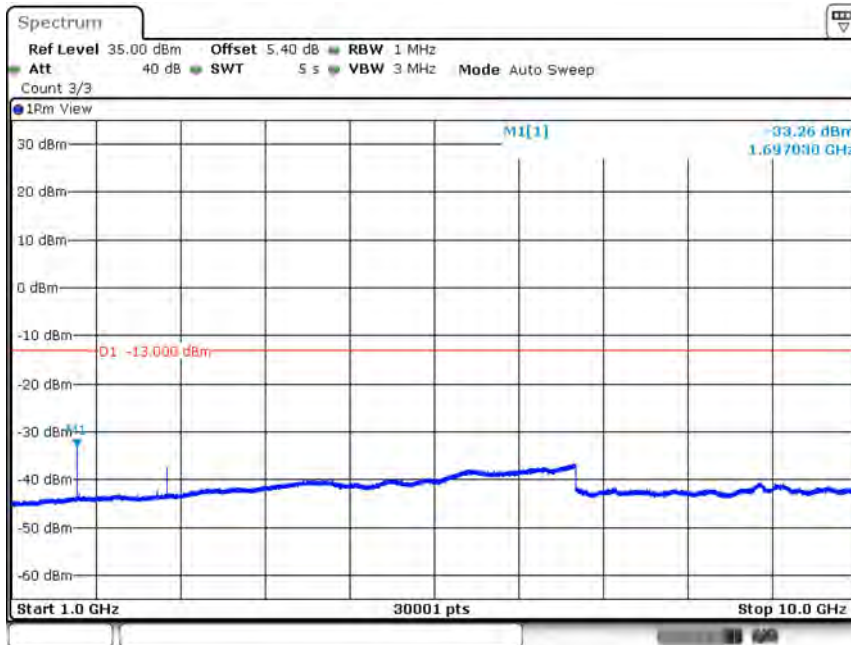


Date: 27.AUG 2020 14:22:51



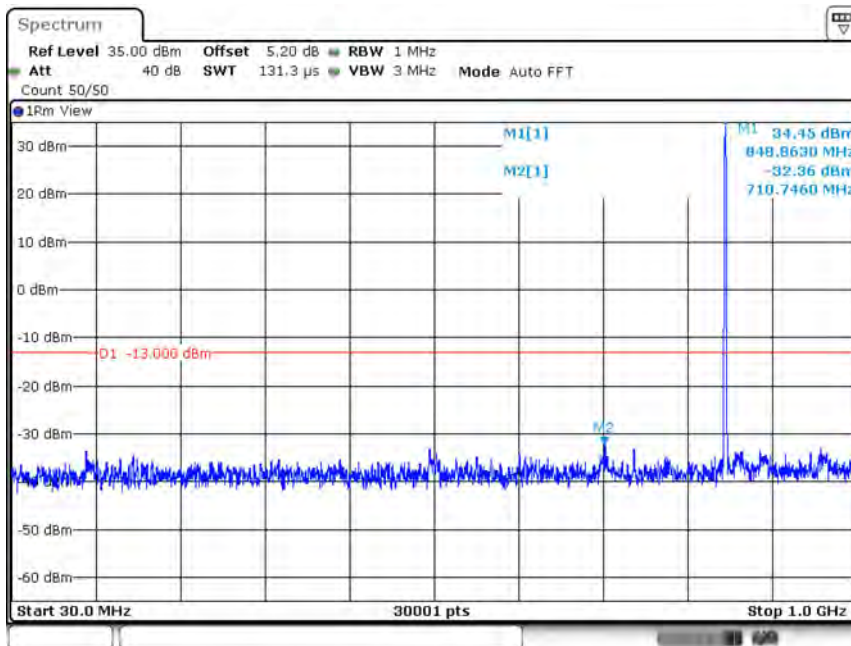
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GSM850-190-1000~10000MHz-1697.03



Date: 27.AUG 2020 14:23:13

GSM850-251-30~1000MHz-710.75

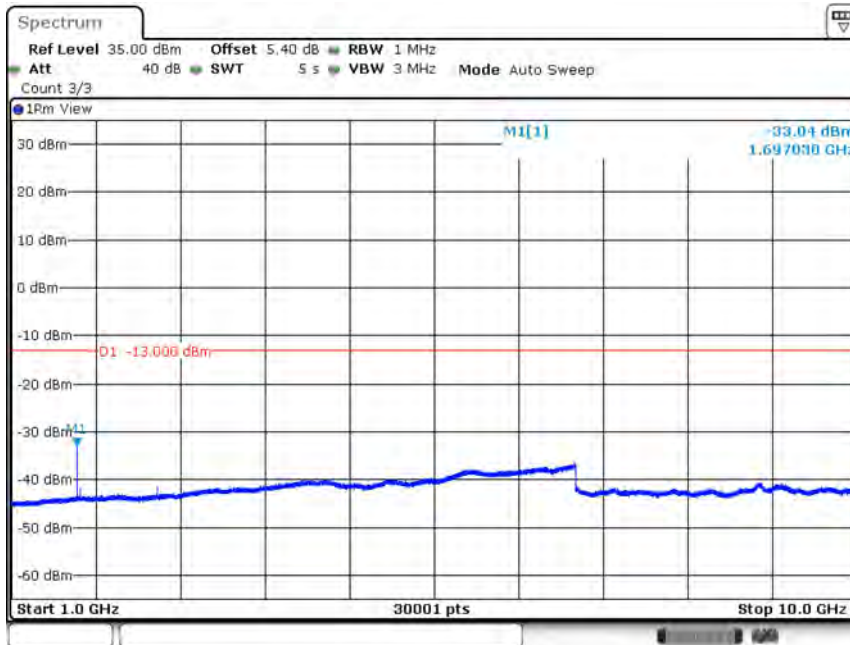


Date: 27.AUG 2020 14:23:23



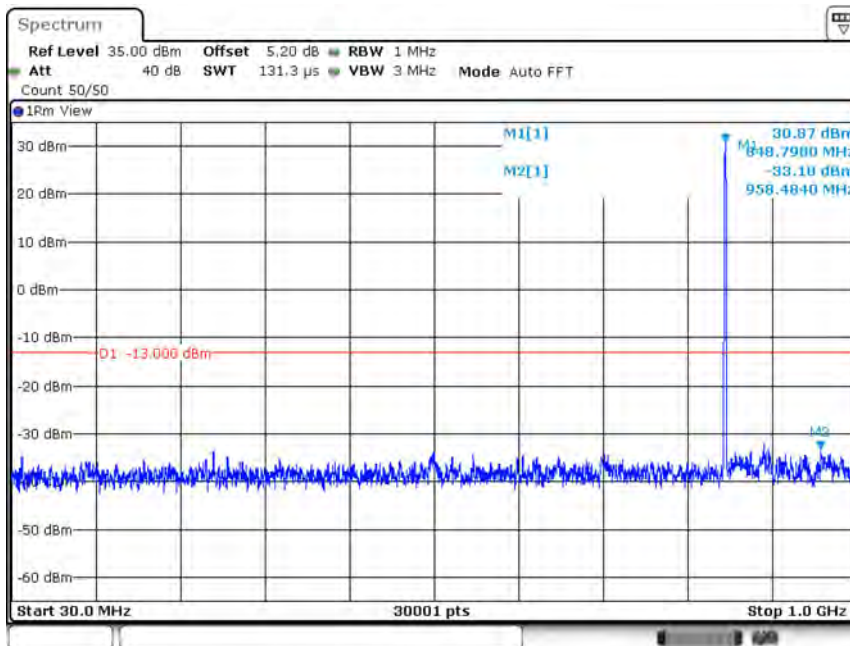
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## GSM850-251-1000~10000MHz-1697.03



Date: 27 AUG 2020 14:23:45

## EGPRS850-128-30~1000MHz-958.48



Date: 27 AUG 2020 14:27:53

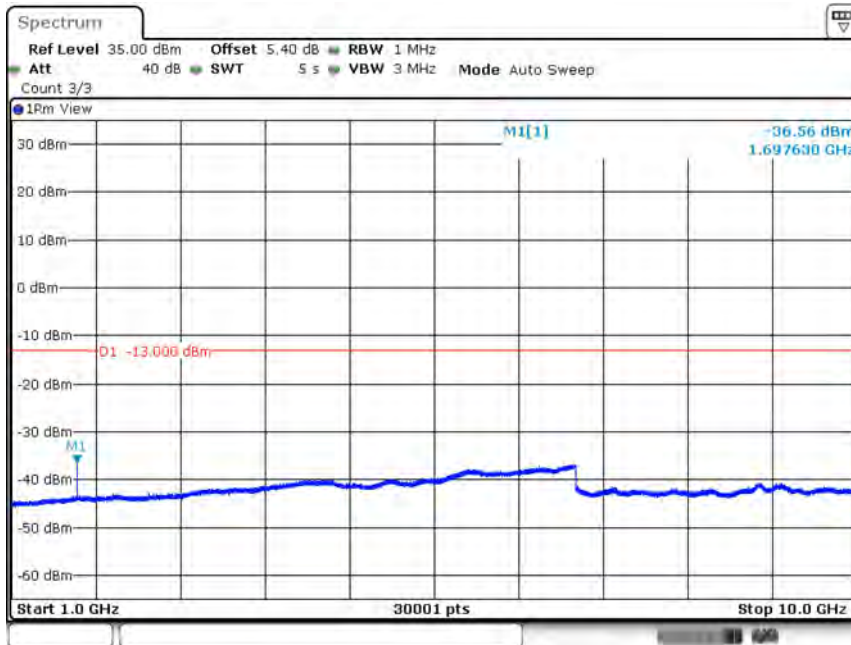


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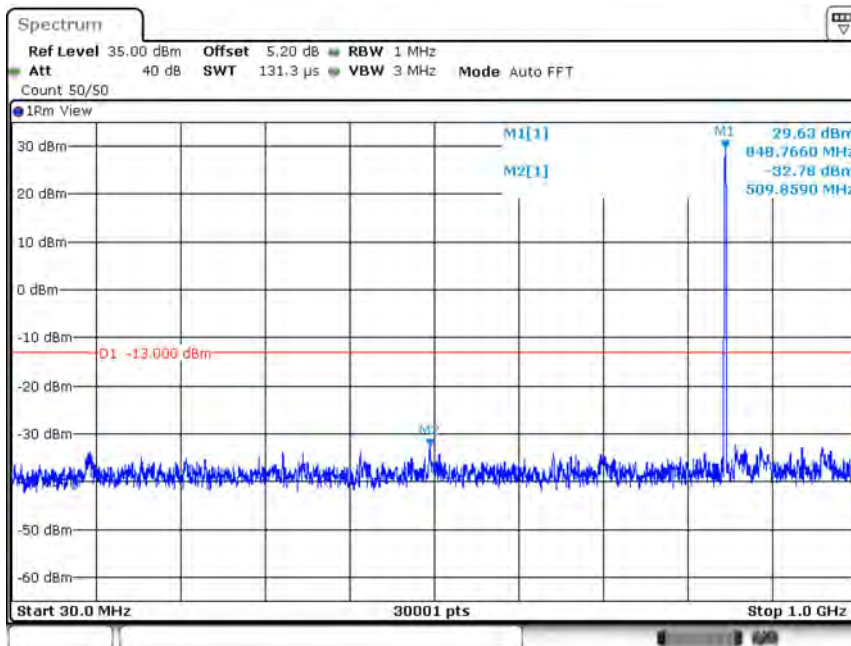


EGPRS850-128-1000~1000MHz-1697.63



Date: 27 AUG 2020 14:28:16

EGPRS850-190-30~1000MHz-509.86

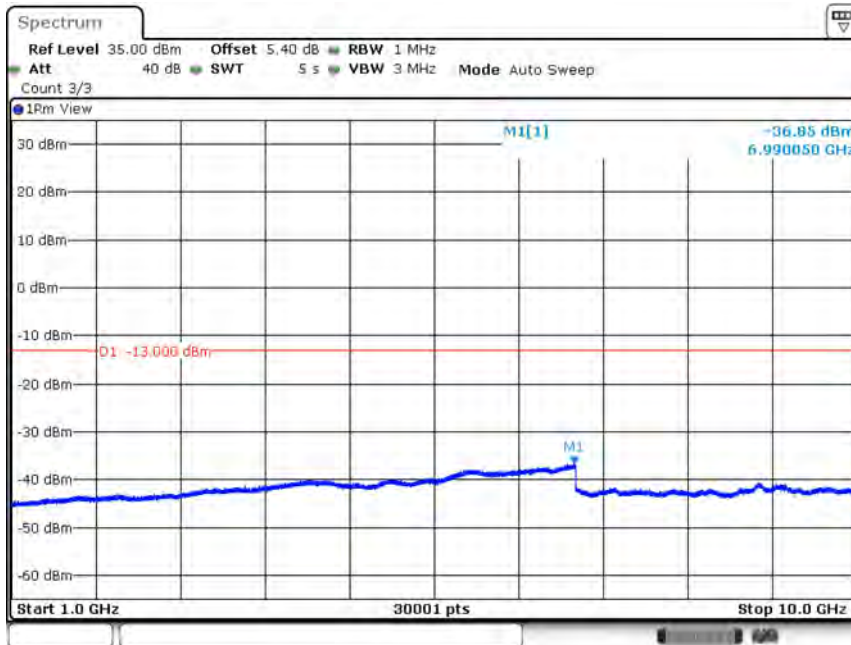


Date: 27 AUG 2020 14:28:26



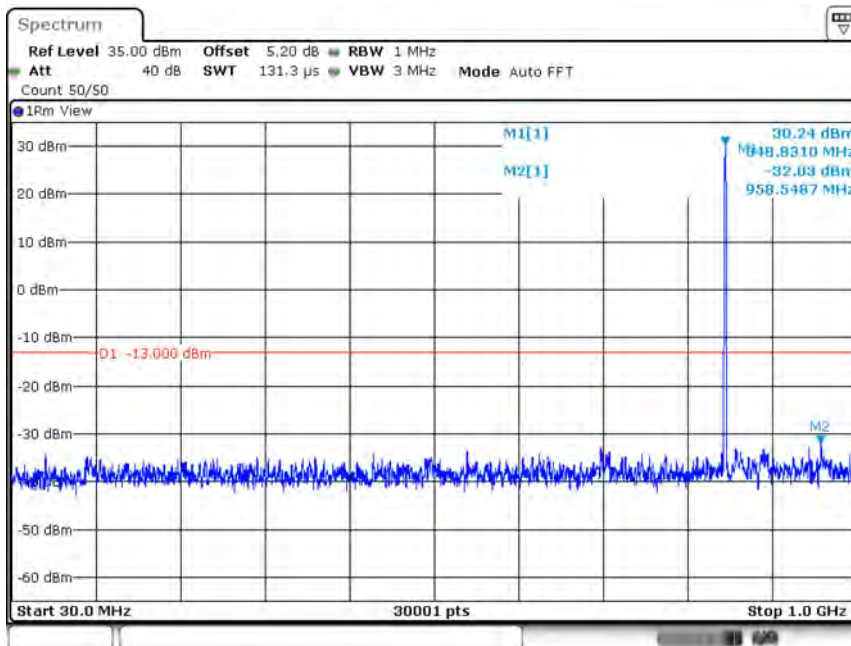
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EGPRS850-190-1000~1000MHz-6990.05



Date: 27.AUG.2020 14:28:49

EGPRS850-251-30~1000MHz-958.55

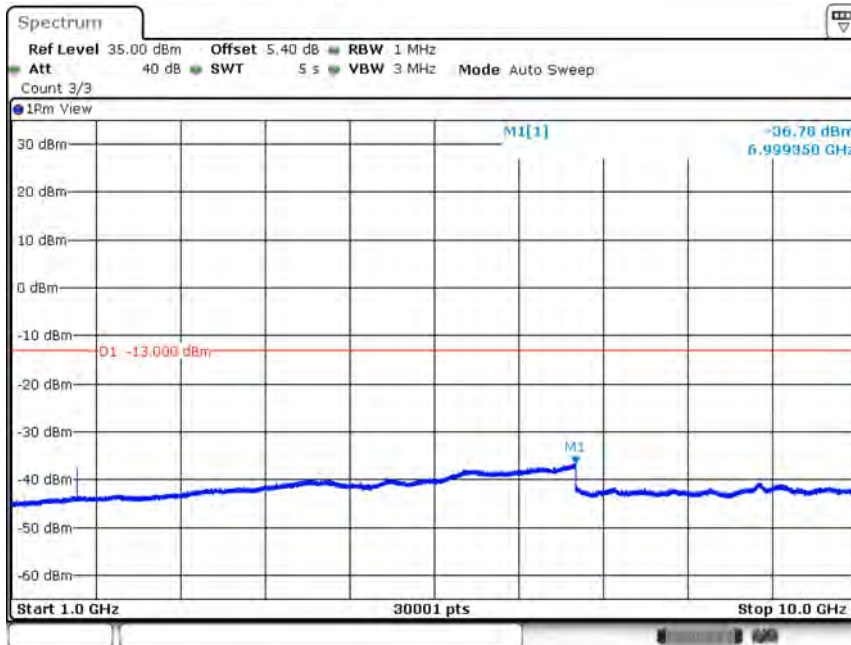


Date: 27.AUG.2020 14:29:03



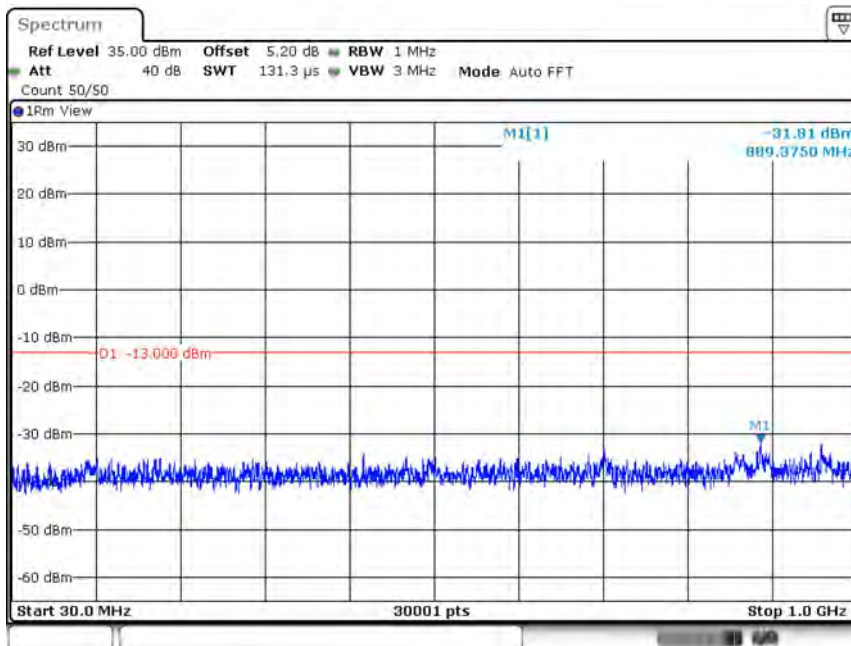
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EGPRS850-251-1000~1000MHz-6999.35



Date: 27.AUG.2020 14:29:25

GSM1900-661-30~1000MHz-889.38



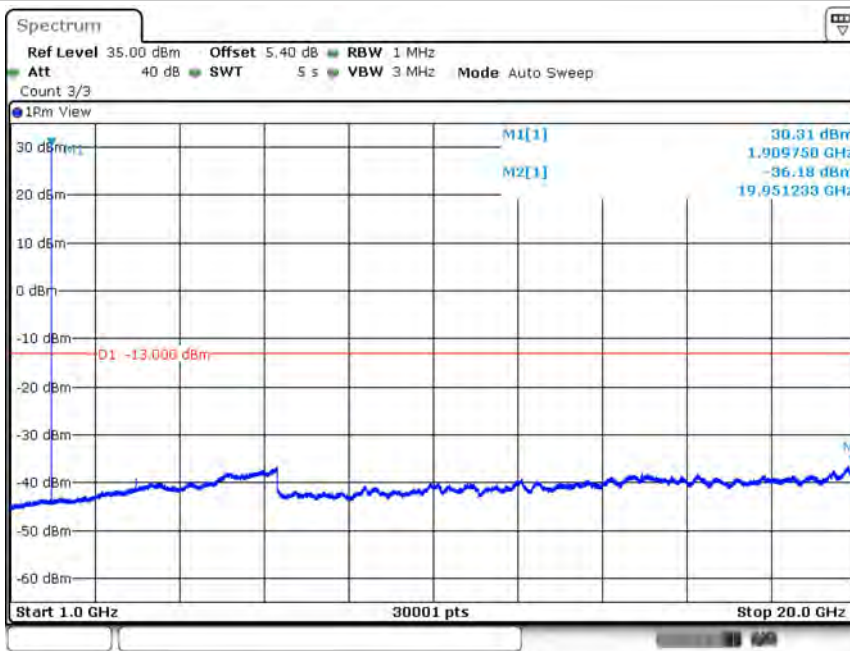
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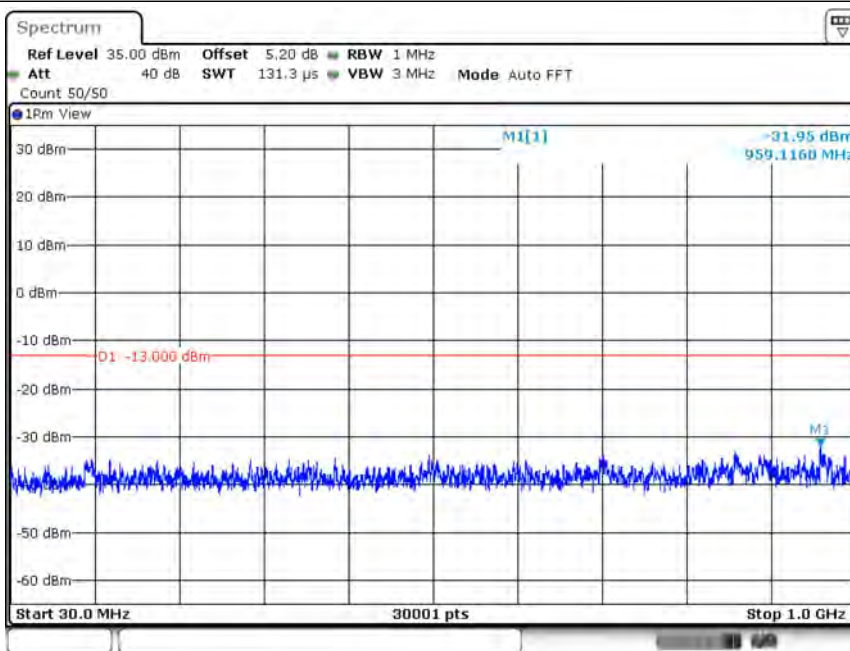
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GSM1900-661-1000~20000MHz-19951.23



Date: 27.AUG.2020 14:04:06

EGPRS1900-512-30~1000MHz-959.12



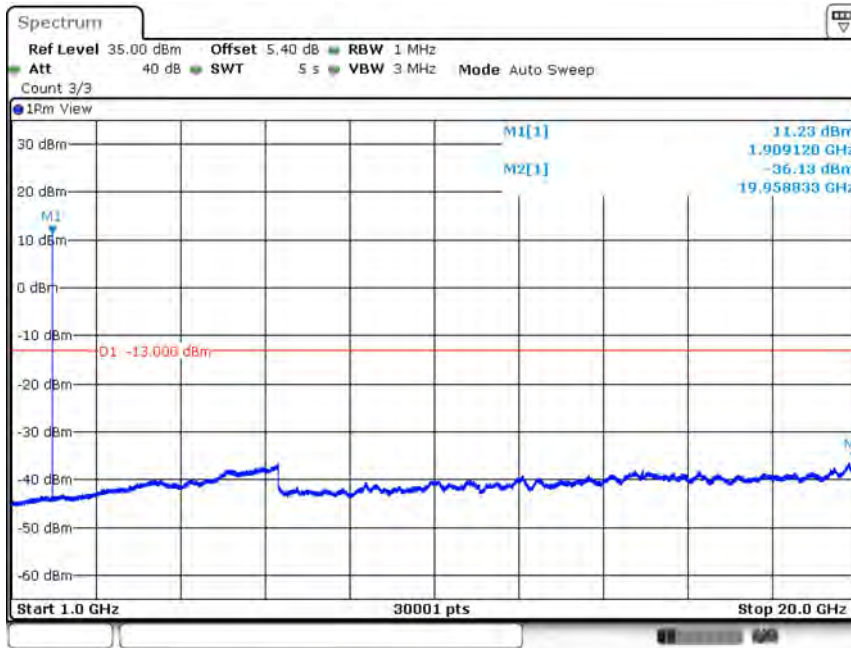
Date: 27.AUG.2020 14:08:16



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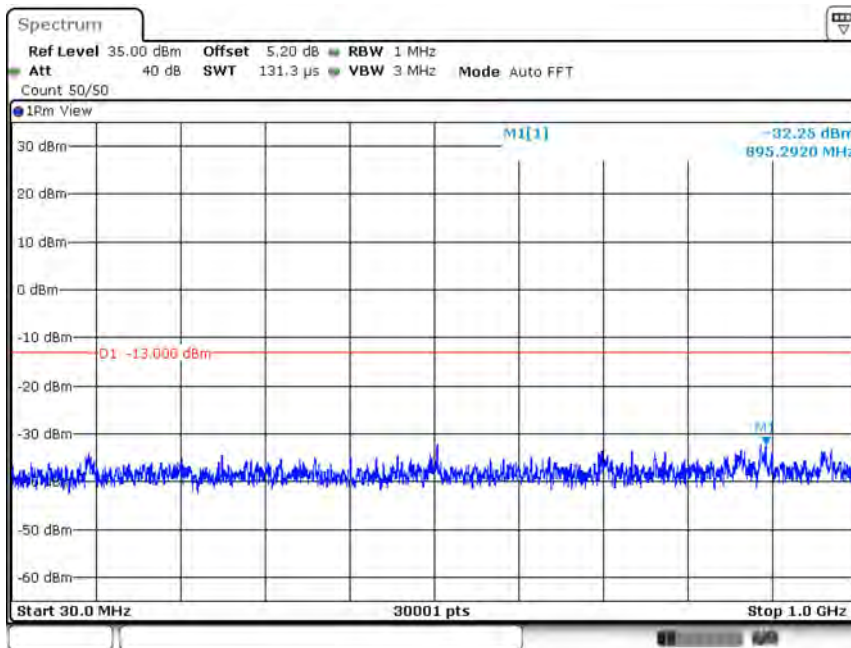
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EGPRS1900-512-1000~2000MHz-19958.83



Date: 27.AUG.2020 14:08:39

EGPRS1900-661-30~1000MHz-895.29

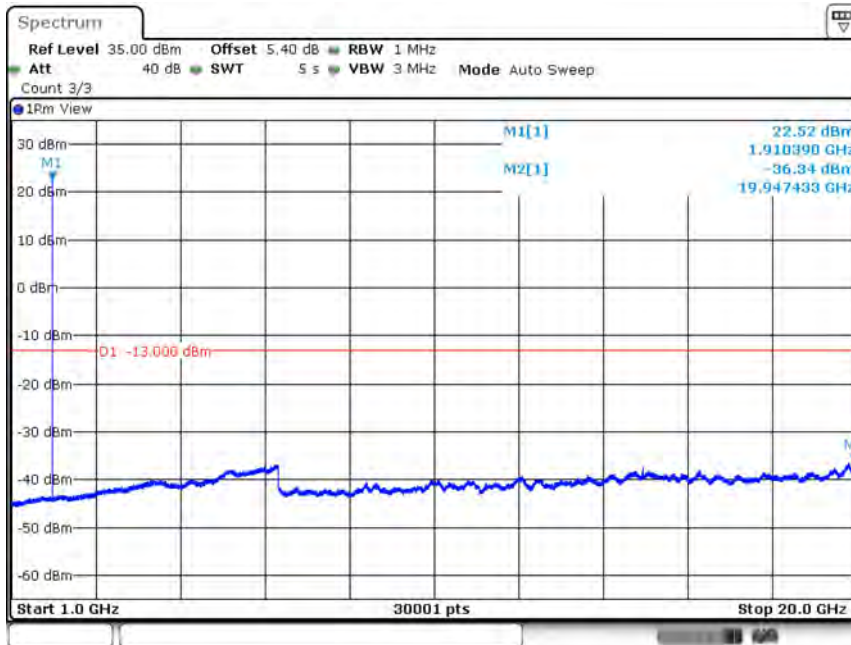


Date: 27.AUG.2020 14:08:49



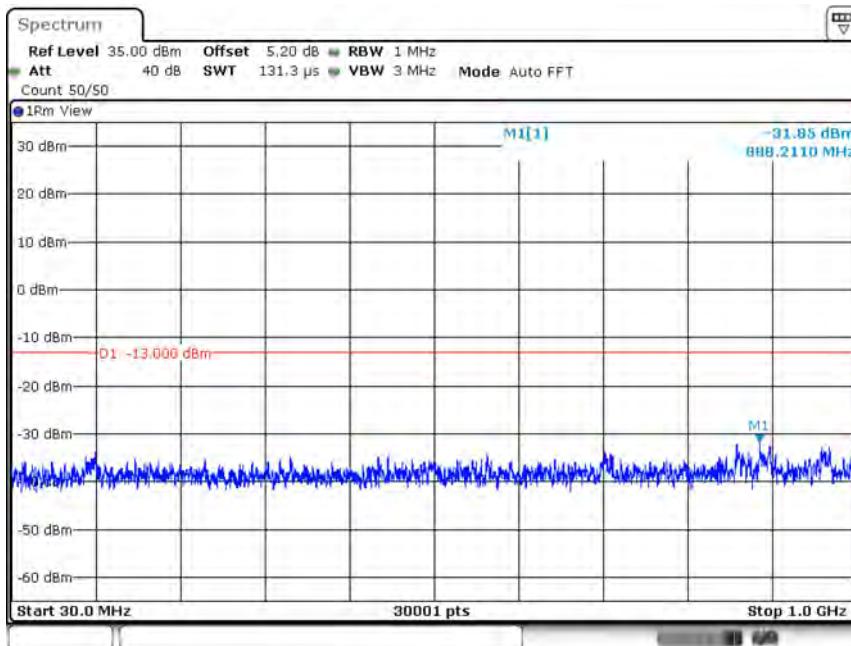
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EGPRS1900-661-1000~2000MHz-19947.43



Date: 27.AUG.2020 14:09:13

EGPRS1900-810-30~1000MHz-888.21



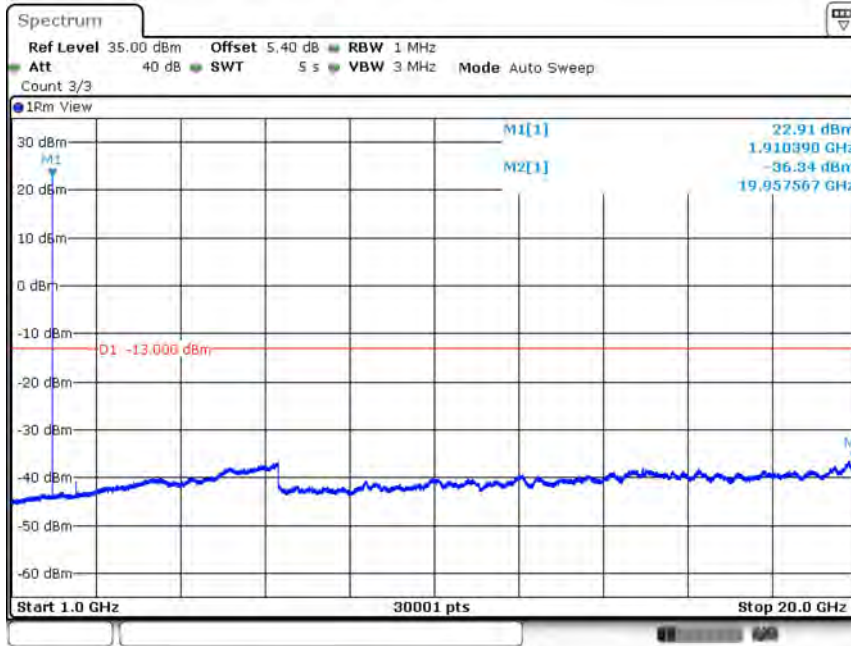
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EGPRS1900-810-1000~2000MHz-19957.57



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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)	Polarization
49.4010	-70.12	-13.00	57.12	Vertical
110.4655	-65.52	-13.00	52.52	Vertical
356.6638	-68.03	-13.00	55.03	Vertical
5172.0724	-61.69	-13.00	48.69	Vertical
9329.2110	-52.42	-13.00	39.42	Vertical
17993.4998	-40.03	-13.00	27.03	Vertical
46.6848	-64.85	-13.00	51.85	Horizontal
112.6481	-76.06	-13.00	63.06	Horizontal
238.0754	-68.12	-13.00	55.12	Horizontal
3700.5234	-58.01	-13.00	45.01	Horizontal
7446.6482	-56.55	-13.00	43.55	Horizontal
16385.9462	-43.19	-13.00	30.19	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
48.5279	-70.87	-13.00	57.87	Vertical
109.9805	-65.33	-13.00	52.33	Vertical
375.8223	-67.23	-13.00	54.23	Vertical
3737.0246	-62.17	-13.00	49.17	Vertical
7962.6654	-55.65	-13.00	42.65	Vertical
17994.9998	-39.99	-13.00	26.99	Vertical
41.1071	-64.02	-13.00	51.02	Horizontal
98.6309	-75.60	-13.00	62.60	Horizontal
232.2551	-68.32	-13.00	55.32	Horizontal
3760.0253	-59.72	-13.00	46.72	Horizontal
7934.6645	-56.46	-13.00	43.46	Horizontal
16400.4467	-43.64	-13.00	30.64	Horizontal

#### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.5950	-70.82	-13.00	57.82	Vertical
108.0889	-64.73	-13.00	51.73	Vertical
594.4227	-63.96	-13.00	50.96	Vertical
5028.5676	-62.08	-13.00	49.08	Vertical

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9886.2295	-52.49	-13.00	39.49	Vertical
17996.4999	-40.34	-13.00	27.34	Vertical
45.0358	-64.50	-13.00	51.50	Horizontal
118.8079	-76.15	-13.00	63.15	Horizontal
229.5390	-68.60	-13.00	55.60	Horizontal
3819.5273	-56.97	-13.00	43.97	Horizontal
7367.1456	-56.32	-13.00	43.32	Horizontal
16387.4462	-43.44	-13.00	30.44	Horizontal

**7.2. Test Band = GSM 850**

**7.2.1. Test Channel = LCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
110.9991	-64.26	-13.00	51.26	Vertical
459.1495	-66.11	-13.00	53.11	Vertical
1648.5297	-50.17	-13.00	37.17	Vertical
2472.6945	-41.63	-13.00	28.63	Vertical
6988.7330	-58.28	-13.00	45.28	Vertical
9850.8950	-52.57	-13.00	39.57	Vertical
41.8346	-62.89	-13.00	49.89	Horizontal
246.6118	-67.49	-13.00	54.49	Horizontal
1648.5297	-44.29	-13.00	31.29	Horizontal
2472.6945	-33.93	-13.00	20.93	Horizontal
7456.1152	-56.42	-13.00	43.42	Horizontal
9305.3435	-52.38	-13.00	39.38	Horizontal

**7.2.2. Test Channel = MCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.5950	-69.69	-13.00	56.69	Vertical
111.7751	-64.43	-13.00	51.43	Vertical
291.5251	-69.27	-13.00	56.27	Vertical
1673.3347	-48.14	-13.00	35.14	Vertical
2509.9020	-38.67	-13.00	25.67	Vertical
4183.0394	-57.44	-13.00	44.44	Vertical
42.2711	-63.40	-13.00	50.40	Horizontal
108.7679	-75.20	-13.00	62.20	Horizontal
236.9598	-67.40	-13.00	54.40	Horizontal
1672.9346	-43.21	-13.00	30.21	Horizontal
2509.5019	-42.04	-13.00	29.04	Horizontal
7454.4818	-55.84	-13.00	42.84	Horizontal



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**7.2.3. Test Channel = HCH**

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
49.7890	-70.07	-13.00	57.07	Vertical
110.1745	-63.45	-13.00	50.45	Vertical
281.3396	-68.38	-13.00	55.38	Vertical
1697.3395	-45.30	-13.00	32.30	Vertical
2546.3093	-39.50	-13.00	26.50	Vertical
7395.9132	-55.69	-13.00	42.69	Vertical
44.4537	-63.07	-13.00	50.07	Horizontal
108.7679	-75.48	-13.00	62.48	Horizontal
233.2252	-67.34	-13.00	54.34	Horizontal
1697.3395	-41.92	-13.00	28.92	Horizontal
2546.7093	-39.46	-13.00	26.46	Horizontal
7456.3485	-56.03	-13.00	43.03	Horizontal

Remark:

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



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3)

## 8. Frequency Stability

### 8.1. Frequency Error Vs Voltage

Voltage							
Band	Channel	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
GSM850	128	VL	NT	9.33	0.011320	±2.5	PASS
GSM850	128	VN	NT	7.75	0.009403	±2.5	PASS
GSM850	128	VH	NT	8.81	0.010689	±2.5	PASS
GSM850	190	VL	NT	11.20	0.013388	±2.5	PASS
GSM850	190	VN	NT	12.75	0.015240	±2.5	PASS
GSM850	190	VH	NT	11.27	0.013471	±2.5	PASS
GSM850	251	VL	NT	5.20	0.006126	±2.5	PASS
GSM850	251	VN	NT	8.91	0.010497	±2.5	PASS
GSM850	251	VH	NT	9.30	0.010957	±2.5	PASS
EGPRS850	128	VL	NT	29.74	0.036083	±2.5	PASS
EGPRS850	128	VN	NT	30.87	0.037455	±2.5	PASS
EGPRS850	128	VH	NT	29.28	0.035525	±2.5	PASS
EGPRS850	190	VL	NT	30.28	0.036194	±2.5	PASS
EGPRS850	190	VN	NT	33.93	0.040557	±2.5	PASS
EGPRS850	190	VH	NT	32.93	0.039362	±2.5	PASS
EGPRS850	251	VL	NT	27.06	0.031880	±2.5	PASS
EGPRS850	251	VN	NT	27.25	0.032104	±2.5	PASS
EGPRS850	251	VH	NT	28.35	0.033400	±2.5	PASS
GSM1900	512	VL	NT	23.21	0.012545	±2.5	PASS
GSM1900	512	VN	NT	21.70	0.011728	±2.5	PASS
GSM1900	512	VH	NT	22.02	0.011901	±2.5	PASS
GSM1900	661	VL	NT	-0.13	-0.000069	±2.5	PASS
GSM1900	661	VN	NT	1.61	0.000856	±2.5	PASS
GSM1900	661	VH	NT	-0.58	-0.000309	±2.5	PASS
GSM1900	810	VL	NT	13.79	0.007221	±2.5	PASS
GSM1900	810	VN	NT	21.53	0.011273	±2.5	PASS
GSM1900	810	VH	NT	17.14	0.008975	±2.5	PASS
EGPRS1900	512	VL	NT	39.20	0.021187	±2.5	PASS
EGPRS1900	512	VN	NT	37.16	0.020084	±2.5	PASS
EGPRS1900	512	VH	NT	35.51	0.019193	±2.5	PASS



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EGPRS1900	661	VL	NT	13.92	0.007404	±2.5	PASS
EGPRS1900	661	VN	NT	15.98	0.008500	±2.5	PASS
EGPRS1900	661	VH	NT	15.76	0.008383	±2.5	PASS
EGPRS1900	810	VL	NT	11.49	0.006016	±2.5	PASS
EGPRS1900	810	VN	NT	9.27	0.004854	±2.5	PASS
EGPRS1900	810	VH	NT	12.88	0.006744	±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	NV	-30	8.91	0.010810	±2.5	PASS
GSM850	128	NV	-20	6.81	0.008263	±2.5	PASS
GSM850	128	NV	-10	8.04	0.009755	±2.5	PASS
GSM850	128	NV	0	7.59	0.009209	±2.5	PASS
GSM850	128	NV	10	8.94	0.010847	±2.5	PASS
GSM850	128	NV	20	12.62	0.015312	±2.5	PASS
GSM850	128	NV	30	7.26	0.008809	±2.5	PASS
GSM850	128	NV	40	4.42	0.005363	±2.5	PASS
GSM850	128	NV	50	3.68	0.004465	±2.5	PASS
GSM850	190	NV	-30	11.43	0.013662	±2.5	PASS
GSM850	190	NV	-20	13.85	0.016555	±2.5	PASS
GSM850	190	NV	-10	11.62	0.013890	±2.5	PASS
GSM850	190	NV	0	12.88	0.015396	±2.5	PASS
GSM850	190	NV	10	11.49	0.013734	±2.5	PASS
GSM850	190	NV	20	13.62	0.016280	±2.5	PASS
GSM850	190	NV	30	11.30	0.013507	±2.5	PASS
GSM850	190	NV	40	10.91	0.013041	±2.5	PASS
GSM850	190	NV	50	13.53	0.016173	±2.5	PASS
GSM850	251	NV	-30	8.85	0.010426	±2.5	PASS
GSM850	251	NV	-20	5.81	0.006845	±2.5	PASS
GSM850	251	NV	-10	6.84	0.008058	±2.5	PASS
GSM850	251	NV	0	12.20	0.014373	±2.5	PASS
GSM850	251	NV	10	4.94	0.005820	±2.5	PASS
GSM850	251	NV	20	10.11	0.011911	±2.5	PASS
GSM850	251	NV	30	11.91	0.014032	±2.5	PASS
GSM850	251	NV	40	7.39	0.008706	±2.5	PASS



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GSM850	251	NV	50	8.62	0.010156	±2.5	PASS
EGPRS850	128	NV	-30	28.06	0.034045	±2.5	PASS
EGPRS850	128	NV	-20	30.87	0.037455	±2.5	PASS
EGPRS850	128	NV	-10	29.12	0.035331	±2.5	PASS
EGPRS850	128	NV	0	32.77	0.039760	±2.5	PASS
EGPRS850	128	NV	10	29.83	0.036193	±2.5	PASS
EGPRS850	128	NV	20	28.31	0.034348	±2.5	PASS
EGPRS850	128	NV	30	29.12	0.035331	±2.5	PASS
EGPRS850	128	NV	40	28.80	0.034943	±2.5	PASS
EGPRS850	128	NV	50	31.64	0.038389	±2.5	PASS
EGPRS850	190	NV	-30	32.96	0.039398	±2.5	PASS
EGPRS850	190	NV	-20	32.80	0.039206	±2.5	PASS
EGPRS850	190	NV	-10	33.22	0.039708	±2.5	PASS
EGPRS850	190	NV	0	33.55	0.040103	±2.5	PASS
EGPRS850	190	NV	10	33.67	0.040246	±2.5	PASS
EGPRS850	190	NV	20	35.00	0.041836	±2.5	PASS
EGPRS850	190	NV	30	33.58	0.040139	±2.5	PASS
EGPRS850	190	NV	40	34.64	0.041406	±2.5	PASS
EGPRS850	190	NV	50	32.71	0.039099	±2.5	PASS
EGPRS850	251	NV	-30	28.64	0.033742	±2.5	PASS
EGPRS850	251	NV	-20	28.70	0.033812	±2.5	PASS
EGPRS850	251	NV	-10	27.28	0.032139	±2.5	PASS
EGPRS850	251	NV	0	28.70	0.033812	±2.5	PASS
EGPRS850	251	NV	10	29.44	0.034684	±2.5	PASS
EGPRS850	251	NV	20	26.12	0.030773	±2.5	PASS
EGPRS850	251	NV	30	26.41	0.031115	±2.5	PASS
EGPRS850	251	NV	40	28.83	0.033966	±2.5	PASS
EGPRS850	251	NV	50	29.28	0.034496	±2.5	PASS
GSM1900	512	NV	-30	16.79	0.009075	±2.5	PASS
GSM1900	512	NV	-20	12.85	0.006945	±2.5	PASS
GSM1900	512	NV	-10	17.18	0.009285	±2.5	PASS
GSM1900	512	NV	0	14.50	0.007837	±2.5	PASS
GSM1900	512	NV	10	15.95	0.008621	±2.5	PASS
GSM1900	512	NV	20	18.73	0.010123	±2.5	PASS
GSM1900	512	NV	30	15.34	0.008291	±2.5	PASS
GSM1900	512	NV	40	21.31	0.011518	±2.5	PASS
GSM1900	512	NV	50	18.66	0.010085	±2.5	PASS



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GSM1900	661	NV	-30	-2.49	-0.001324	±2.5	PASS
GSM1900	661	NV	-20	1.29	0.000686	±2.5	PASS
GSM1900	661	NV	-10	2.58	0.001372	±2.5	PASS
GSM1900	661	NV	0	-0.13	-0.000069	±2.5	PASS
GSM1900	661	NV	10	-5.29	-0.002814	±2.5	PASS
GSM1900	661	NV	20	-4.36	-0.002319	±2.5	PASS
GSM1900	661	NV	30	0.29	0.000154	±2.5	PASS
GSM1900	661	NV	40	0.97	0.000516	±2.5	PASS
GSM1900	661	NV	50	-1.19	-0.000633	±2.5	PASS
GSM1900	810	NV	-30	13.46	0.007048	±2.5	PASS
GSM1900	810	NV	-20	20.05	0.010498	±2.5	PASS
GSM1900	810	NV	-10	14.33	0.007503	±2.5	PASS
GSM1900	810	NV	0	15.05	0.007880	±2.5	PASS
GSM1900	810	NV	10	16.92	0.008860	±2.5	PASS
GSM1900	810	NV	20	20.86	0.010923	±2.5	PASS
GSM1900	810	NV	30	14.85	0.007776	±2.5	PASS
GSM1900	810	NV	40	15.11	0.007912	±2.5	PASS
GSM1900	810	NV	50	18.05	0.009451	±2.5	PASS
EGPRS1900	512	NV	-30	33.77	0.018252	±2.5	PASS
EGPRS1900	512	NV	-20	35.45	0.019160	±2.5	PASS
EGPRS1900	512	NV	-10	33.80	0.018268	±2.5	PASS
EGPRS1900	512	NV	0	32.93	0.017798	±2.5	PASS
EGPRS1900	512	NV	10	35.48	0.019176	±2.5	PASS
EGPRS1900	512	NV	20	36.19	0.019560	±2.5	PASS
EGPRS1900	512	NV	30	34.48	0.018636	±2.5	PASS
EGPRS1900	512	NV	40	37.45	0.020241	±2.5	PASS
EGPRS1900	512	NV	50	29.57	0.015982	±2.5	PASS
EGPRS1900	661	NV	-30	15.14	0.008053	±2.5	PASS
EGPRS1900	661	NV	-20	14.98	0.007968	±2.5	PASS
EGPRS1900	661	NV	-10	15.56	0.008277	±2.5	PASS
EGPRS1900	661	NV	0	11.49	0.006112	±2.5	PASS
EGPRS1900	661	NV	10	13.14	0.006989	±2.5	PASS
EGPRS1900	661	NV	20	15.85	0.008431	±2.5	PASS
EGPRS1900	661	NV	30	14.40	0.007660	±2.5	PASS
EGPRS1900	661	NV	40	16.92	0.009000	±2.5	PASS
EGPRS1900	661	NV	50	14.46	0.007691	±2.5	PASS
EGPRS1900	810	NV	-30	12.17	0.006372	±2.5	PASS



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EGPRS1900	810	NV	-20	14.53	0.007608	±2.5	PASS
EGPRS1900	810	NV	-10	8.17	0.004278	±2.5	PASS
EGPRS1900	810	NV	0	7.97	0.004173	±2.5	PASS
EGPRS1900	810	NV	10	13.33	0.006980	±2.5	PASS
EGPRS1900	810	NV	20	15.17	0.007943	±2.5	PASS
EGPRS1900	810	NV	30	16.85	0.008823	±2.5	PASS
EGPRS1900	810	NV	40	11.20	0.005864	±2.5	PASS
EGPRS1900	810	NV	50	15.76	0.008252	±2.5	PASS

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