



# Appendix B

## GSM 850 & 1900



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

### 1.1. Test Result

2. Band	Channel	Slot	Power(dBm)	ERP (dBm)	Limit(dBm)	Verdict
GSM850	128	---	31.35	29.7	38.45	PASS
GSM850	190	---	31.57	29.92	38.45	PASS
GSM850	251	---	31.77	30.12	38.45	PASS
EGPRS850	128	1	31.30	29.65	38.45	PASS
EGPRS850	128	2	30.31	28.66	38.45	PASS
EGPRS850	128	3	27.94	26.29	38.45	PASS
EGPRS850	128	4	26.95	25.3	38.45	PASS
EGPRS850	190	1	31.49	29.84	38.45	PASS
EGPRS850	190	2	30.44	28.79	38.45	PASS
EGPRS850	190	3	28.41	26.76	38.45	PASS
EGPRS850	190	4	27.31	25.66	38.45	PASS
EGPRS850	251	1	31.56	29.91	38.45	PASS
EGPRS850	251	2	30.61	28.96	38.45	PASS
EGPRS850	251	3	28.52	26.87	38.45	PASS
EGPRS850	251	4	27.42	25.77	38.45	PASS



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Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	28.88	31.28	33.00	PASS
GSM1900	661	---	29.06	31.46	33.00	PASS
GSM1900	810	---	29.18	31.58	33.00	PASS
EGPRS1900	512	1	28.79	31.19	33.00	PASS
EGPRS1900	512	2	27.62	30.02	33.00	PASS
EGPRS1900	512	3	25.66	28.06	33.00	PASS
EGPRS1900	512	4	24.51	26.91	33.00	PASS
EGPRS1900	661	1	29.03	31.43	33.00	PASS
EGPRS1900	661	2	27.82	30.22	33.00	PASS
EGPRS1900	661	3	25.79	28.19	33.00	PASS
EGPRS1900	661	4	24.76	27.16	33.00	PASS
EGPRS1900	810	1	29.15	31.55	33.00	PASS
EGPRS1900	810	2	28.20	30.6	33.00	PASS
EGPRS1900	810	3	26.07	28.47	33.00	PASS
EGPRS1900	810	4	24.93	27.33	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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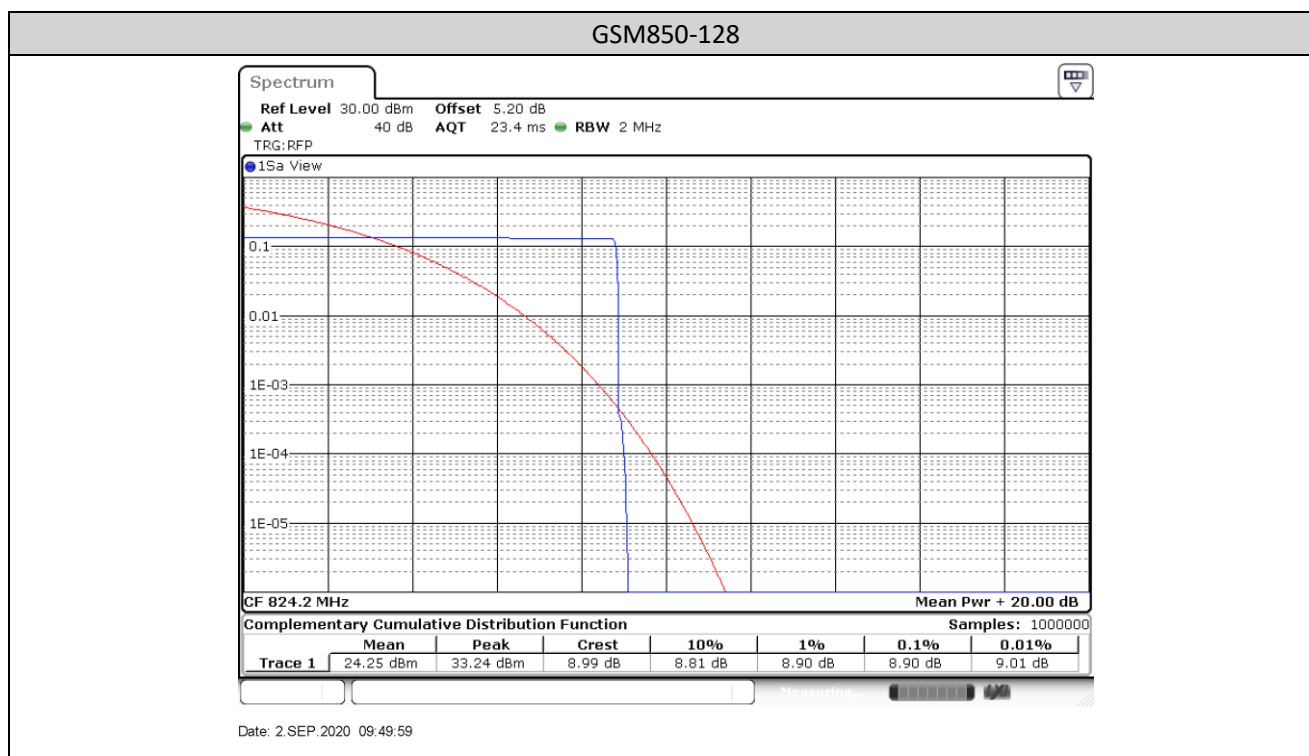


## 2. Peak-to-Average Ratio

### 2.1. Test Result

Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	8.9	13	PASS
GSM850	190	8.96	13	PASS
GSM850	251	8.99	13	PASS
EGPRS850	128	12.58	13	PASS
EGPRS850	190	12	13	PASS
EGPRS850	251	12.87	13	PASS
GSM1900	512	9.74	13	PASS
GSM1900	661	8.9	13	PASS
GSM1900	810	8.96	13	PASS
EGPRS1900	512	12.41	13	PASS
EGPRS1900	661	12.49	13	PASS
EGPRS1900	810	11.97	13	PASS

### 2.2. Part II - Test Plots

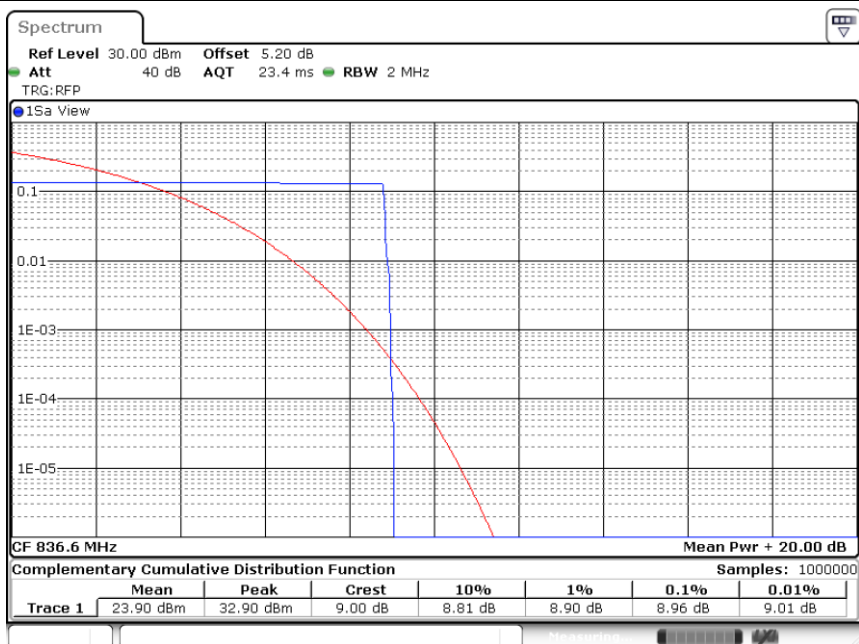


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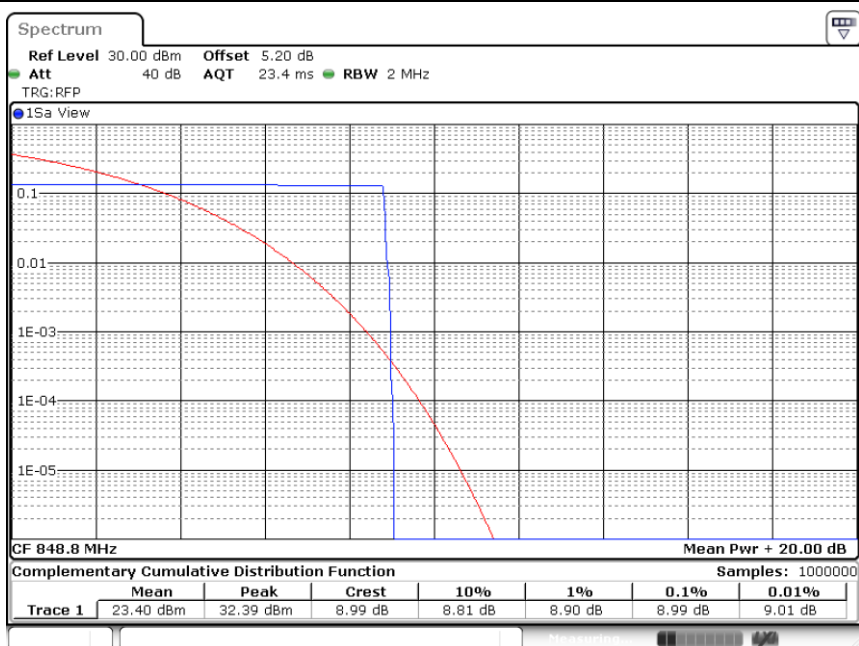
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## GSM850-190



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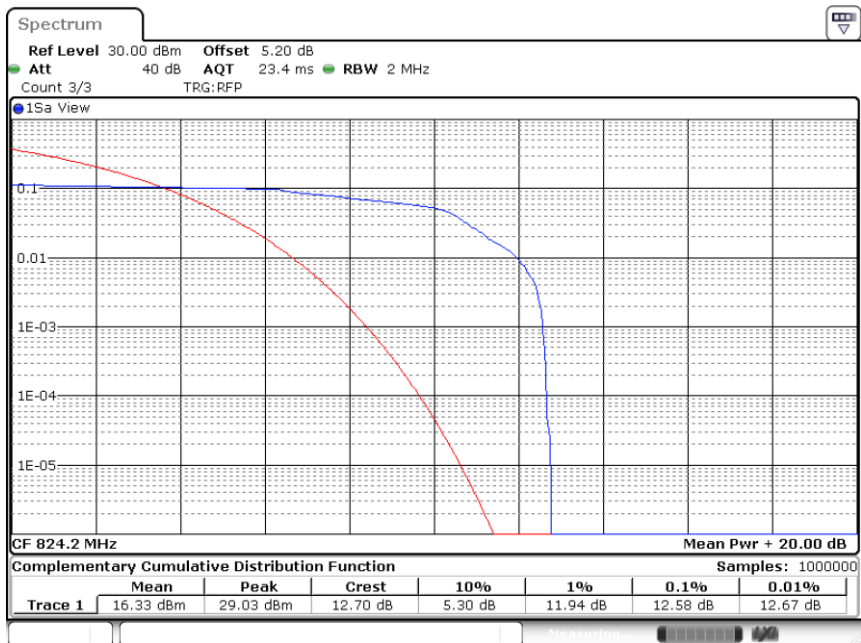
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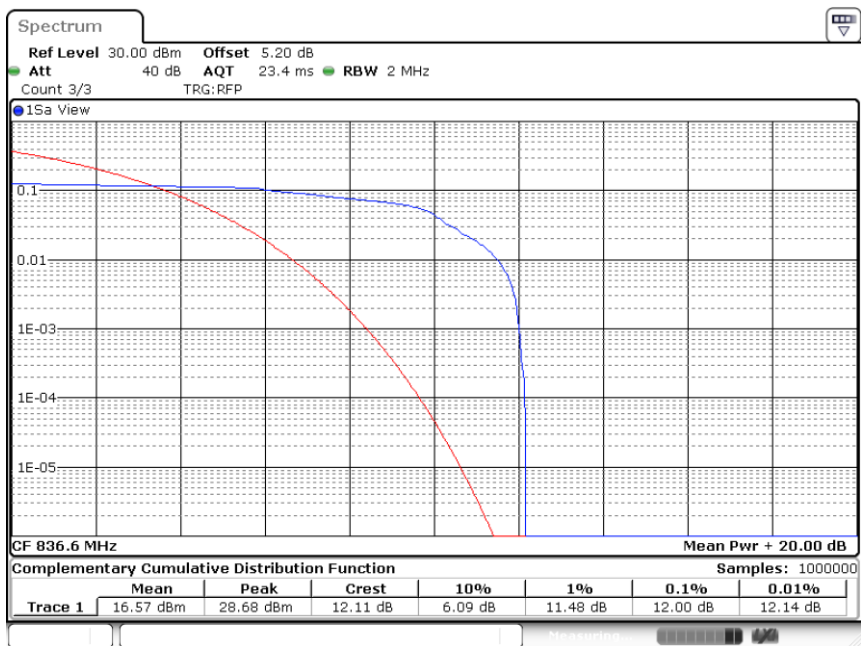


## EGPRS850-128



Date: 2.SEP.2020 09:57:32

## EGPRS850-190



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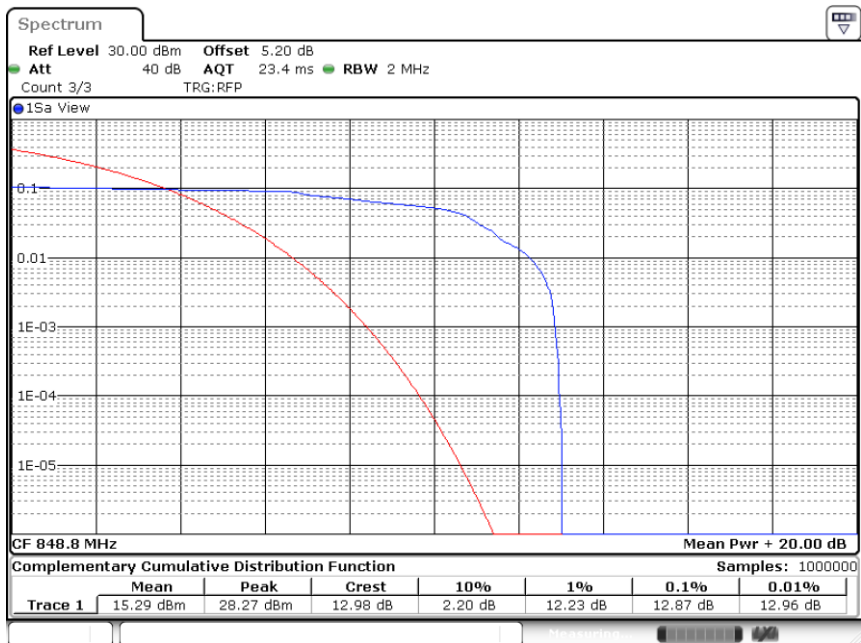


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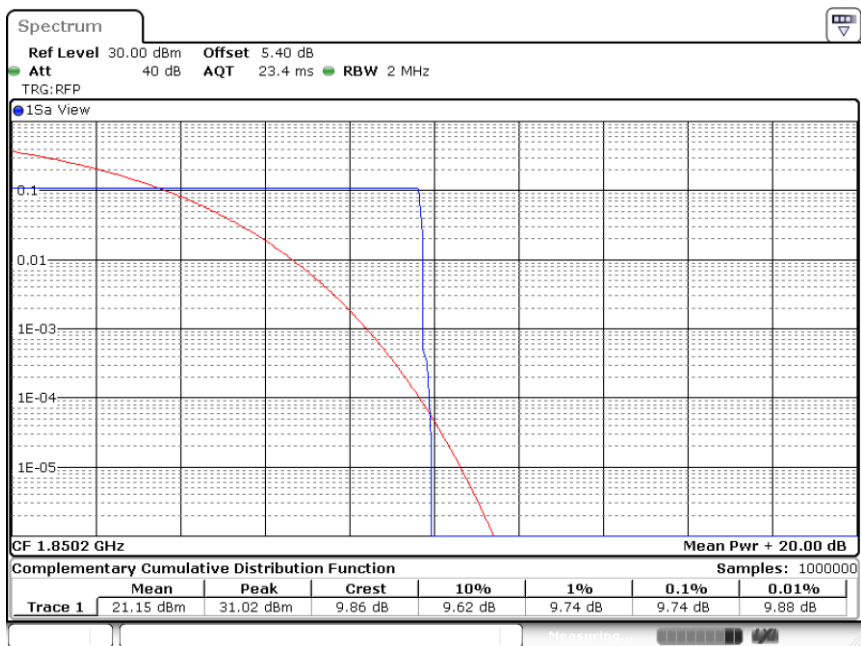


## EGPRS850-251



Date: 2.SEP.2020 09:57:55

## GSM1900-512



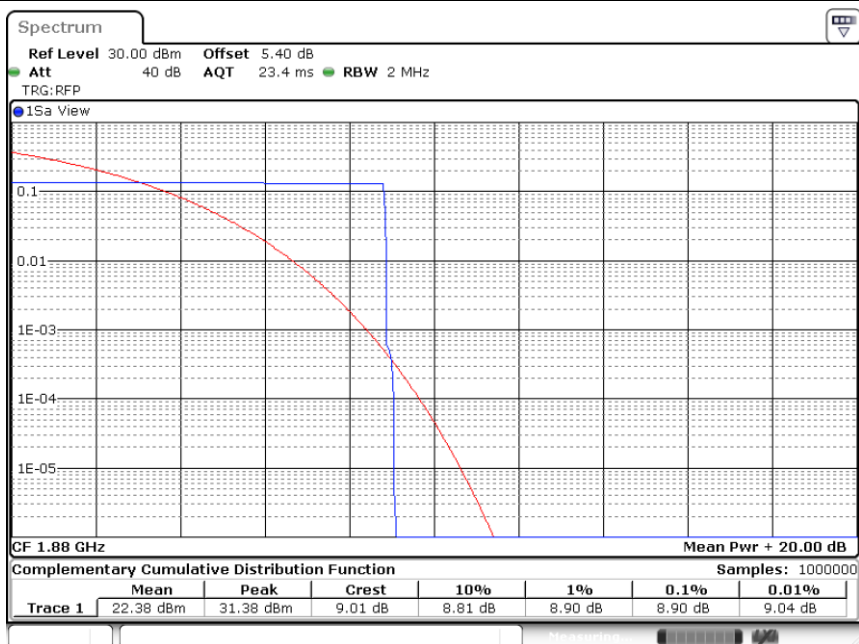
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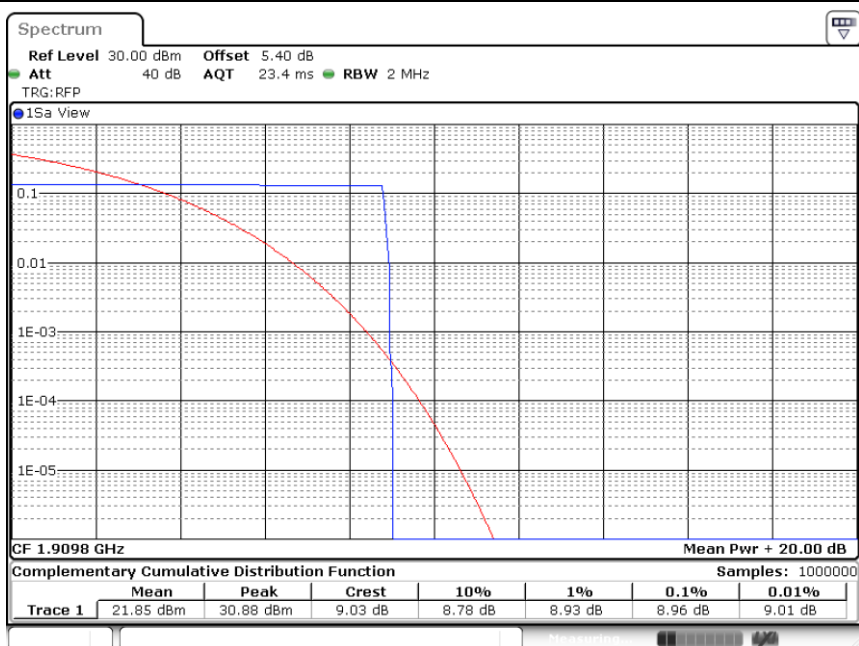
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## GSM1900-661



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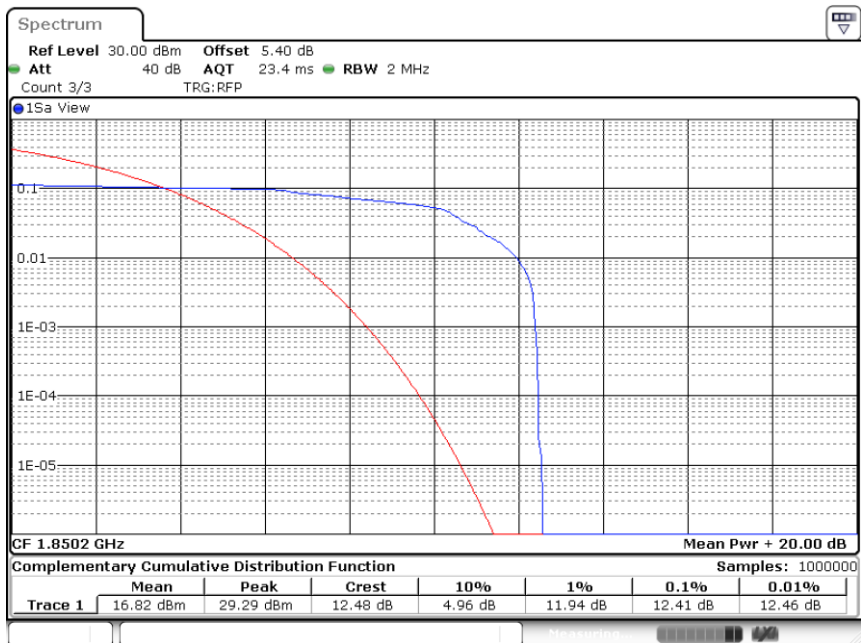
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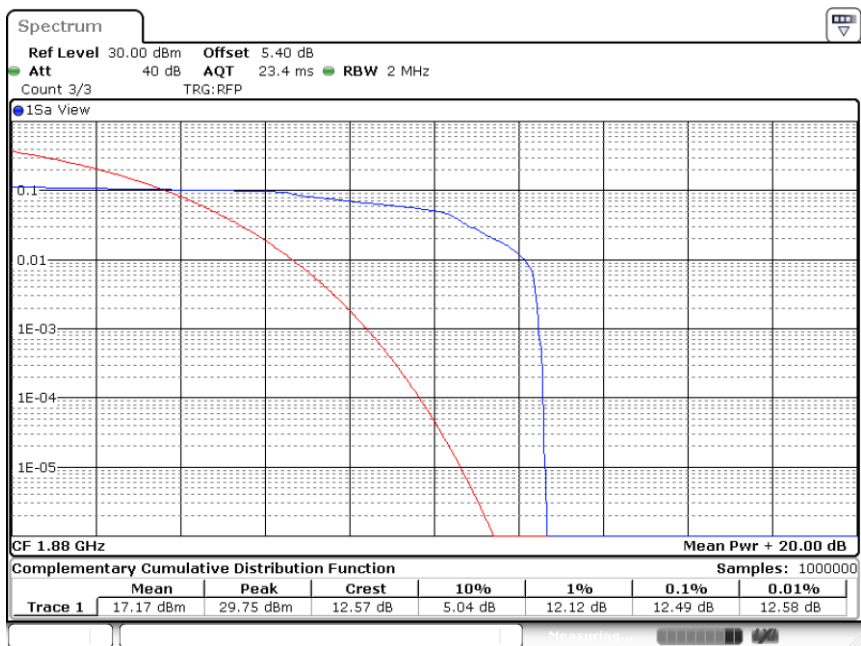


## EGPRS1900-512



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## EGPRS1900-661



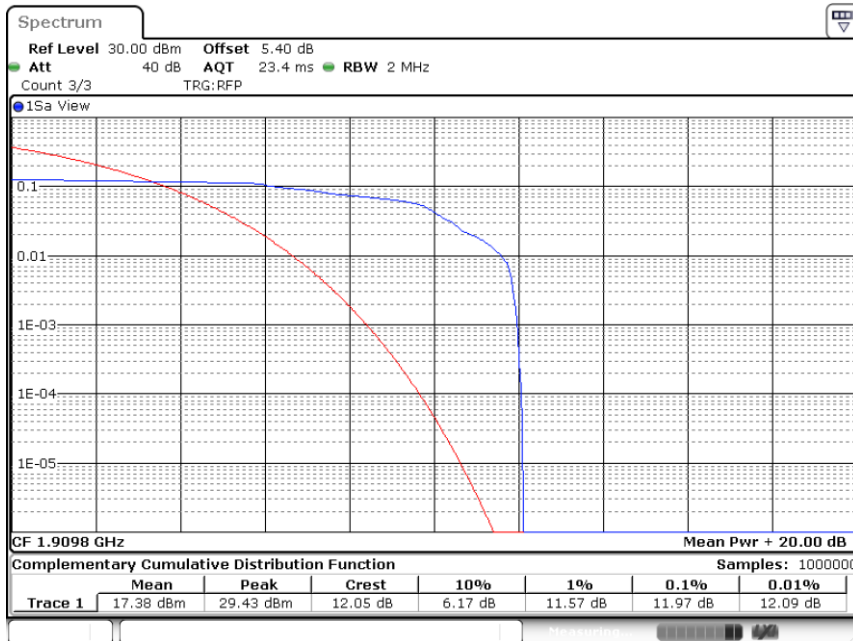
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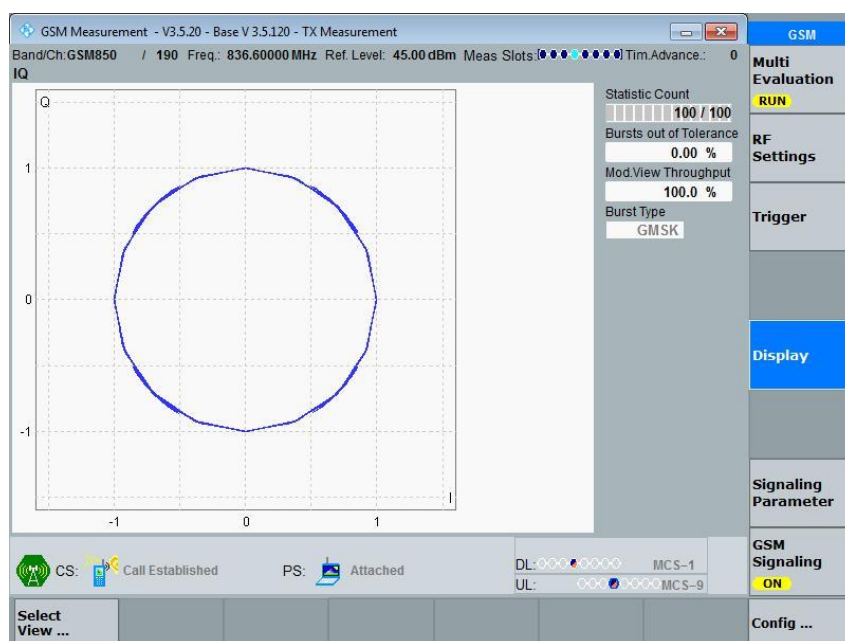
### 3. Modulation Characteristics

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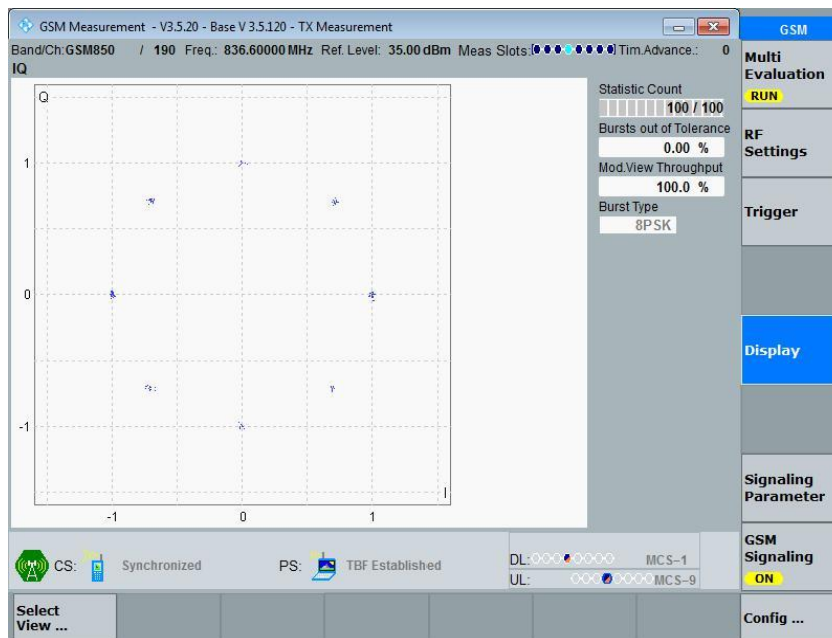
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### 3.1.1.2. Test Mode = GSM/TM2

#### 3.1.1.2.1. Test Channel = MCH

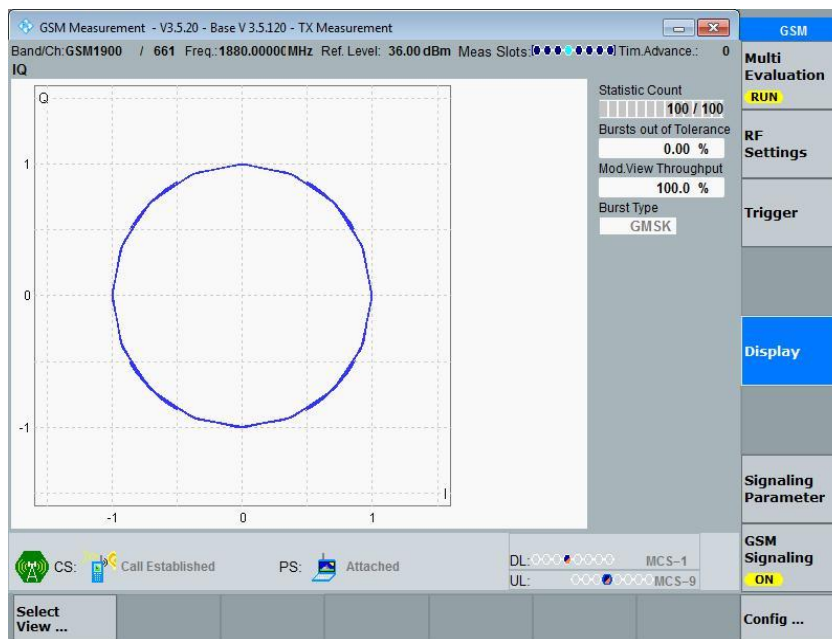




### 3.1.2. Test Band = GSM 1900

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

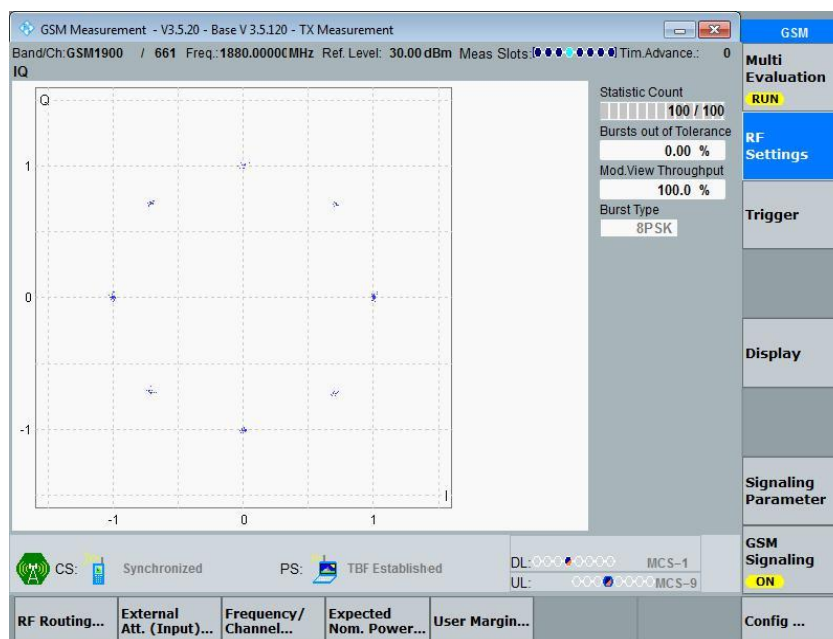
##### 3.1.2.1.1. Test Channel = MCH





### 3.1.2.2. Test Mode = GSM/TM2

#### 3.1.2.2.1. Test Channel = MCH



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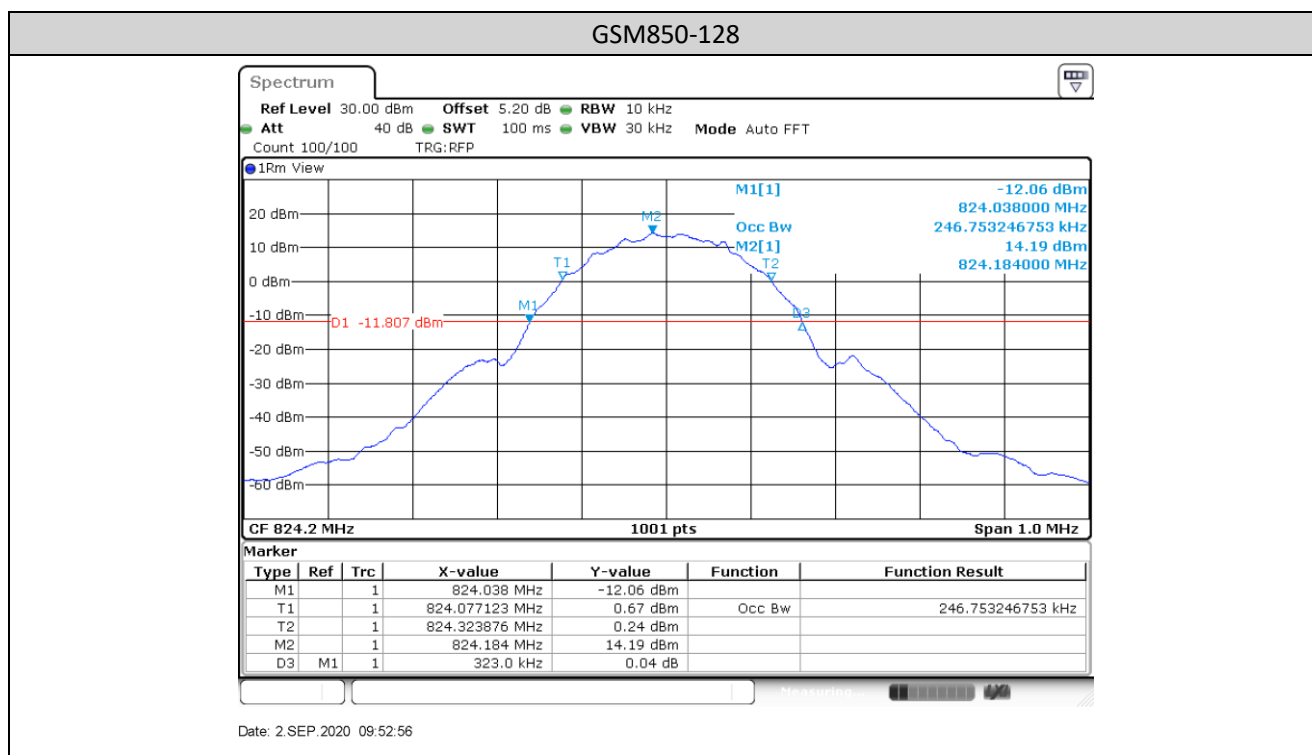


## 4. 26dB Bandwidth and Occupied Bandwidth

### 4.1. Test Result

Band	Channel	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Limit (MHz)	Verdict
GSM850	128	0.247	0.323	---	PASS
GSM850	190	0.247	0.323	---	PASS
GSM850	251	0.247	0.323	---	PASS
EGPRS850	128	0.243	0.318	---	PASS
EGPRS850	190	0.243	0.319	---	PASS
EGPRS850	251	0.243	0.318	---	PASS
GSM1900	512	0.247	0.323	---	PASS
GSM1900	661	0.248	0.323	---	PASS
GSM1900	810	0.247	0.322	---	PASS
EGPRS1900	512	0.244	0.316	---	PASS
EGPRS1900	661	0.244	0.314	---	PASS
EGPRS1900	810	0.243	0.314	---	PASS

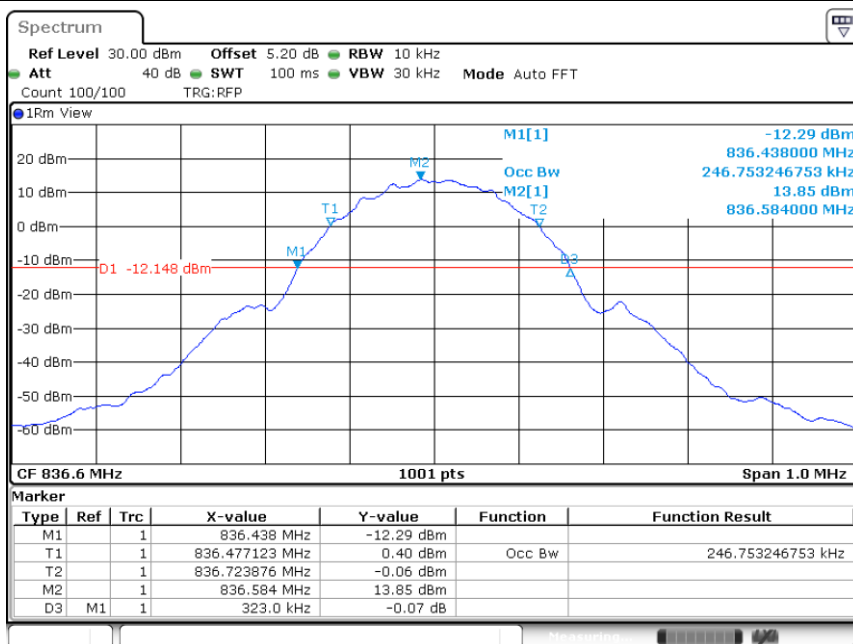
### 4.2. Test Plots



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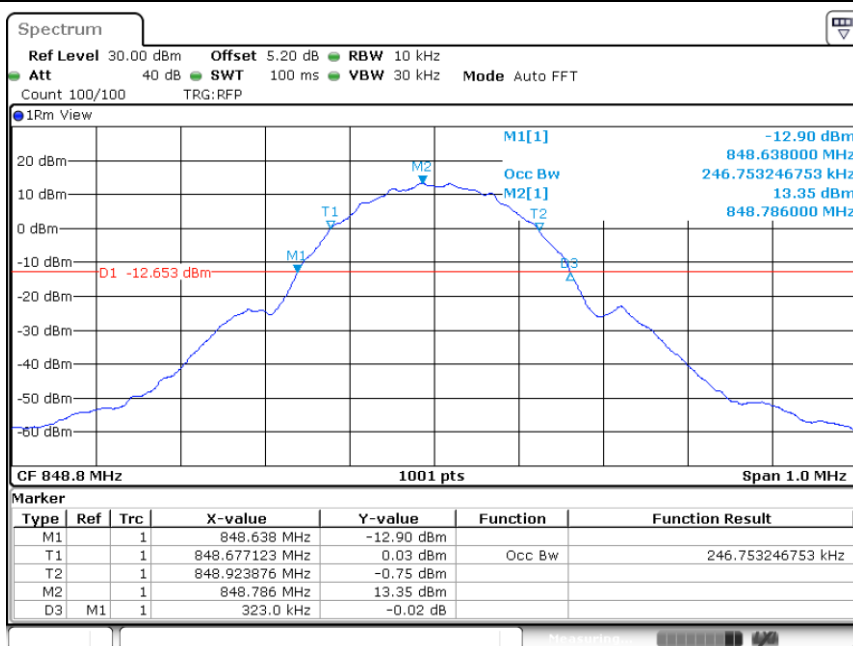
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## GSM850-190



Date: 2.SEP.2020 09:53:15

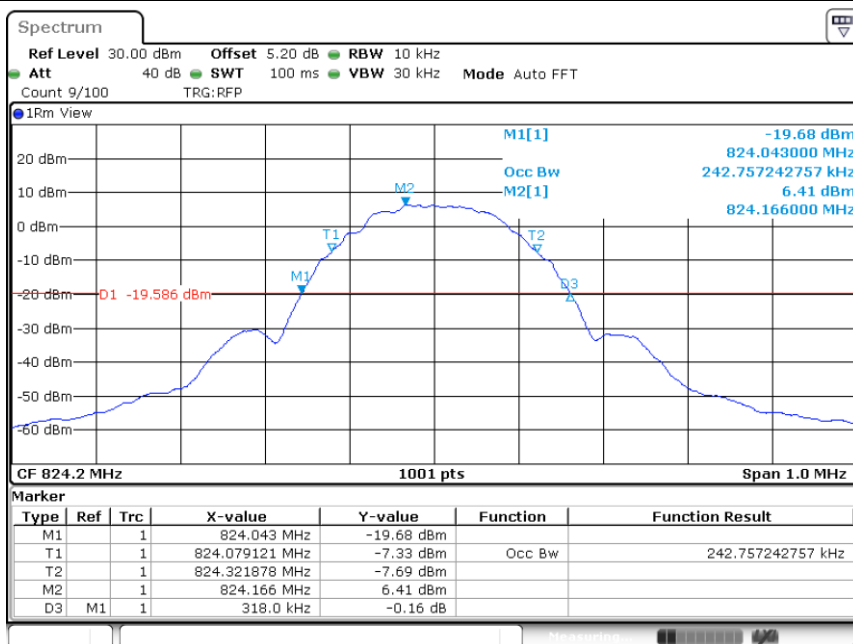
## GSM850-251



Date: 2.SEP.2020 09:53:34

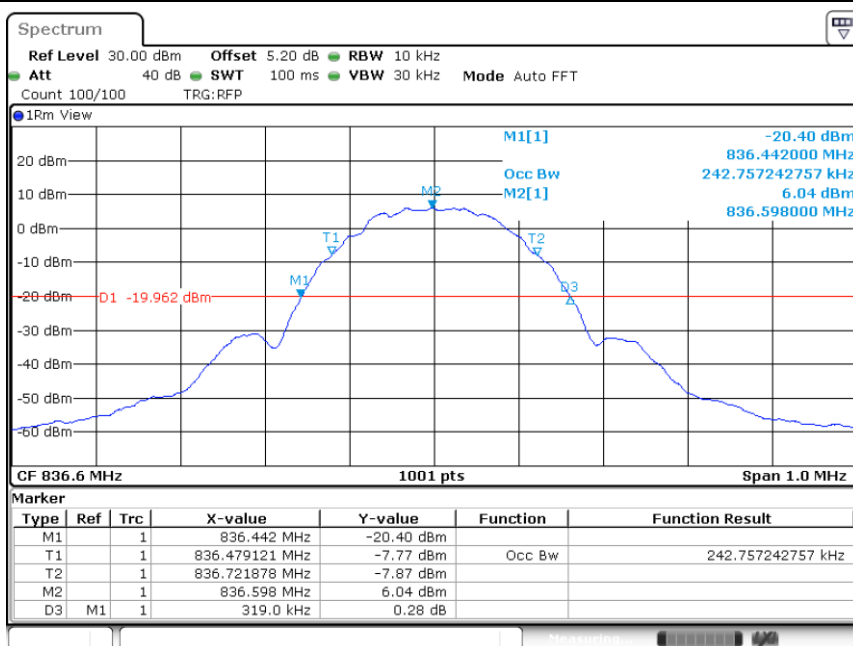


## EGPRS850-128



Date: 2.SEP.2020 10:00:17

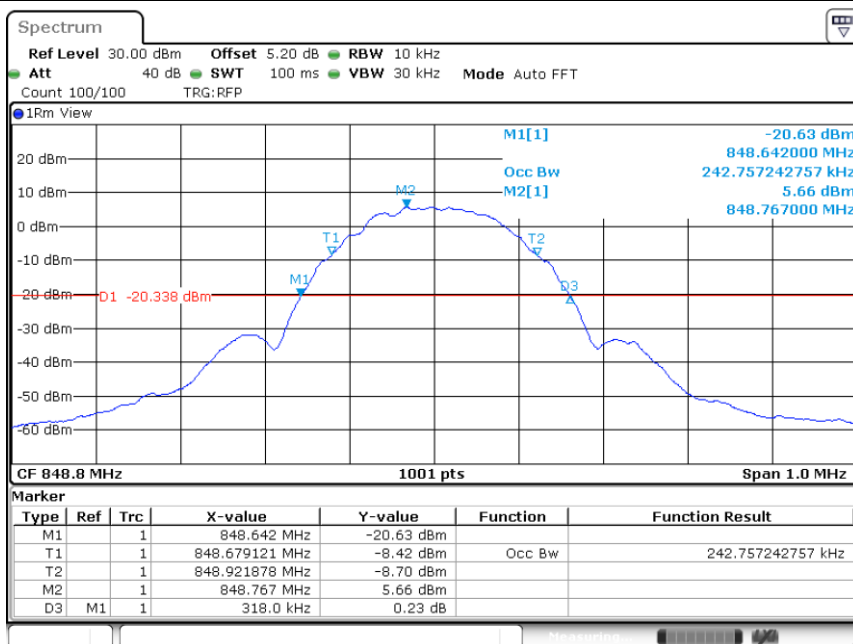
## EGPRS850-190



Date: 2.SEP.2020 10:00:36

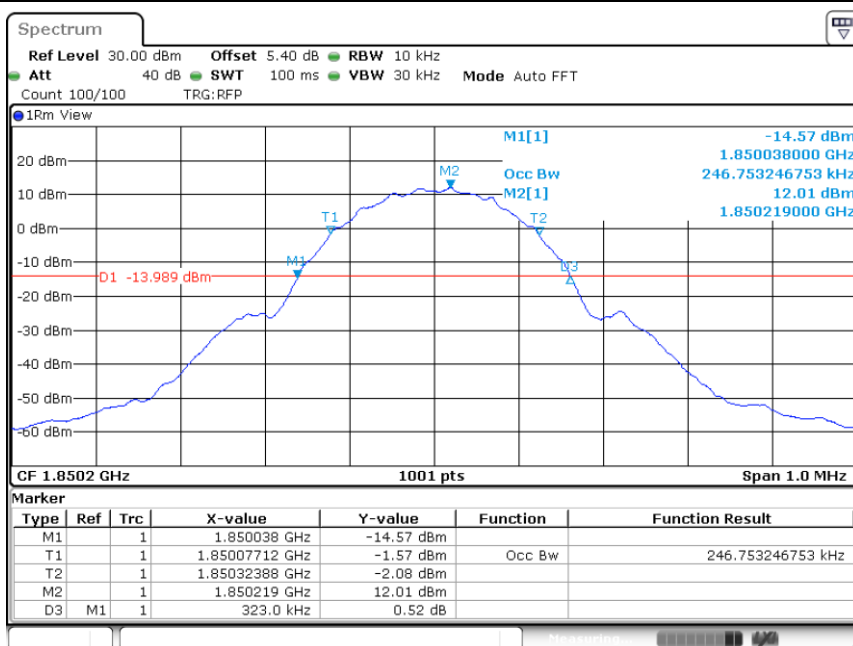


## EGPRS850-251



Date: 2.SEP.2020 10:00:56

## GSM1900-512

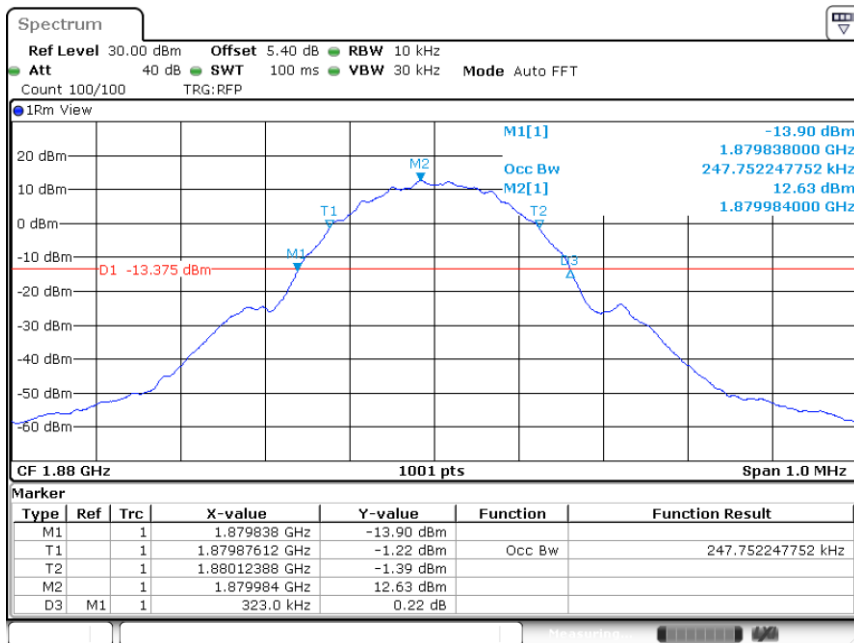


Date: 2.SEP.2020 09:28:12



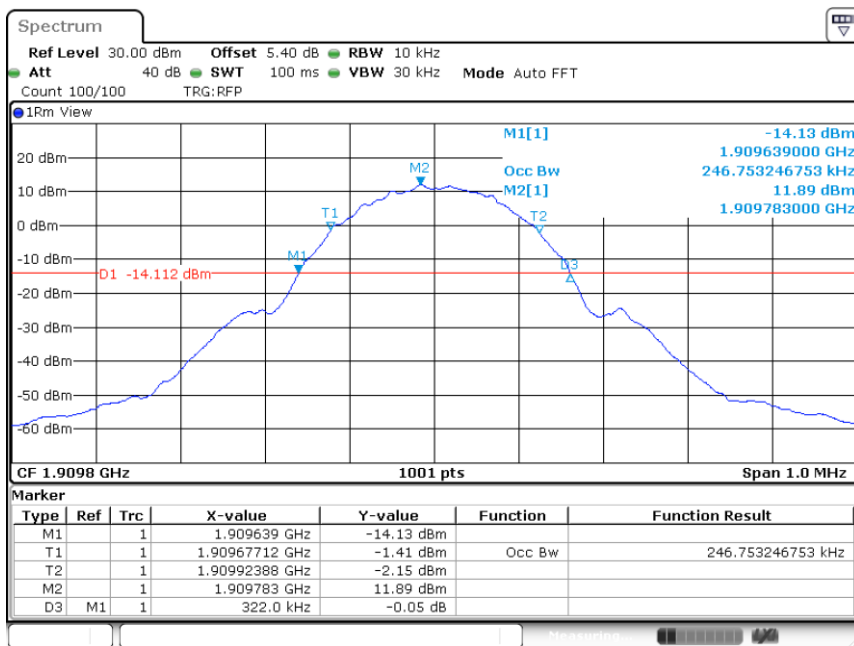


## GSM1900-661



Date: 2.SEP.2020 09:28:31

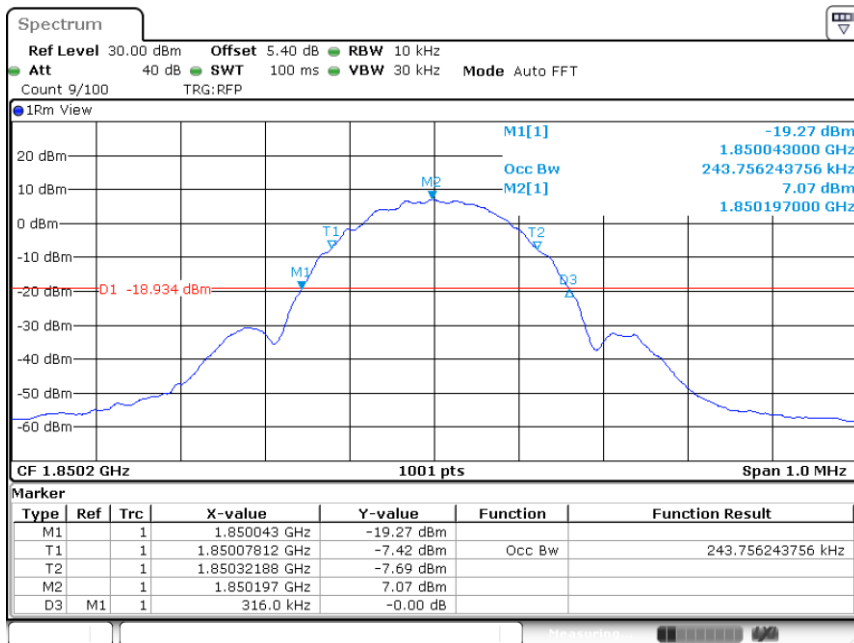
## GSM1900-810



Date: 2.SEP.2020 09:28:49

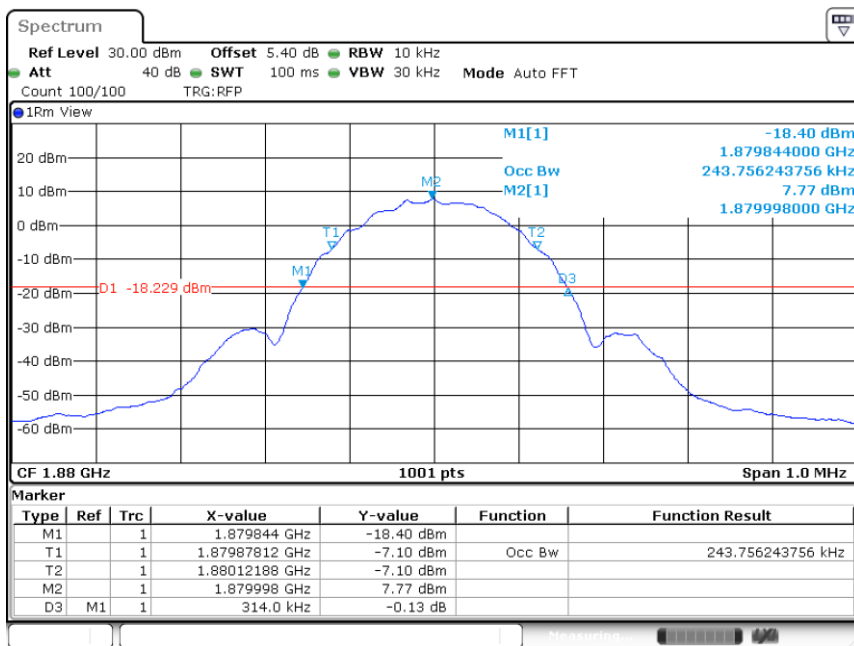


## EGPRS1900-512



Date: 2.SEP.2020 09:39:03

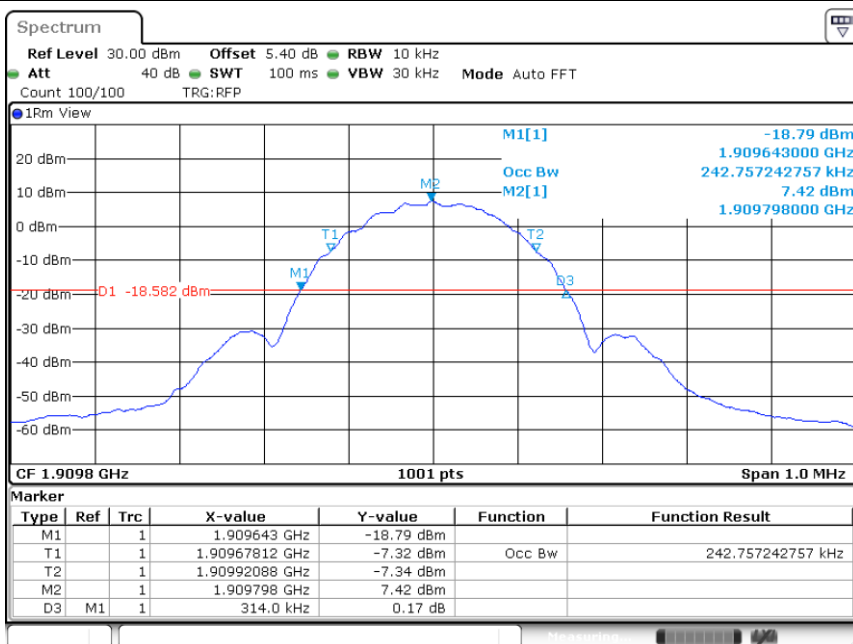
## EGPRS1900-661



Date: 2.SEP.2020 09:39:23



## EGPRS1900-810



Date: 2.SEP.2020 09:39:42



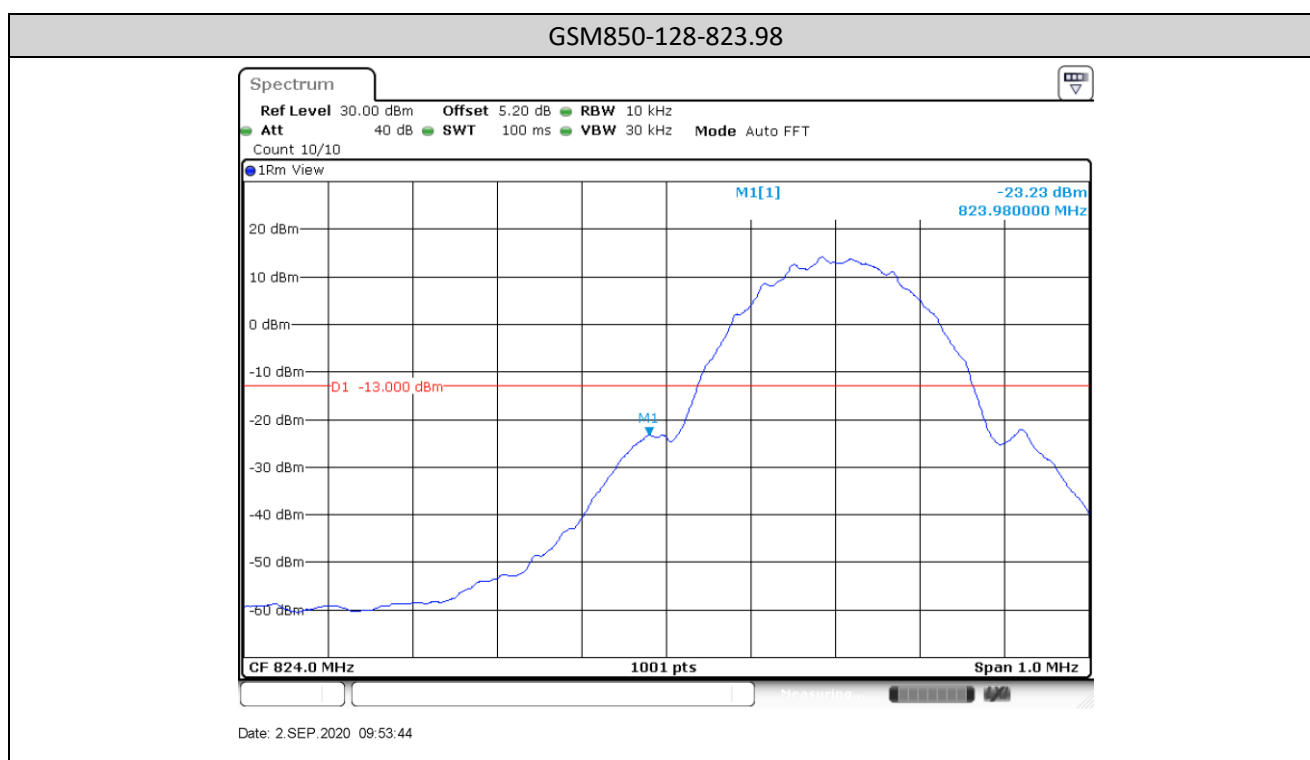


## 5. Band Edge Compliance

### 5.1. Test Result

Band	Channel	Freq (MHz)	Result (dBm)	Limit(dBm)	Verdict
GSM850	128	823.98	-23.23	-13	PASS
GSM850	251	849.02	-22.84	-13	PASS
EGPRS850	128	823.99	-30.45	-13	PASS
EGPRS850	251	849.02	-33.53	-13	PASS
GSM1900	512	1850.00	-24.96	-13	PASS
GSM1900	810	1910.02	-24.47	-13	PASS
EGPRS1900	512	1849.99	-30.73	-13	PASS
EGPRS1900	810	1910.02	-32.26	-13	PASS

### 5.2. Test Plots



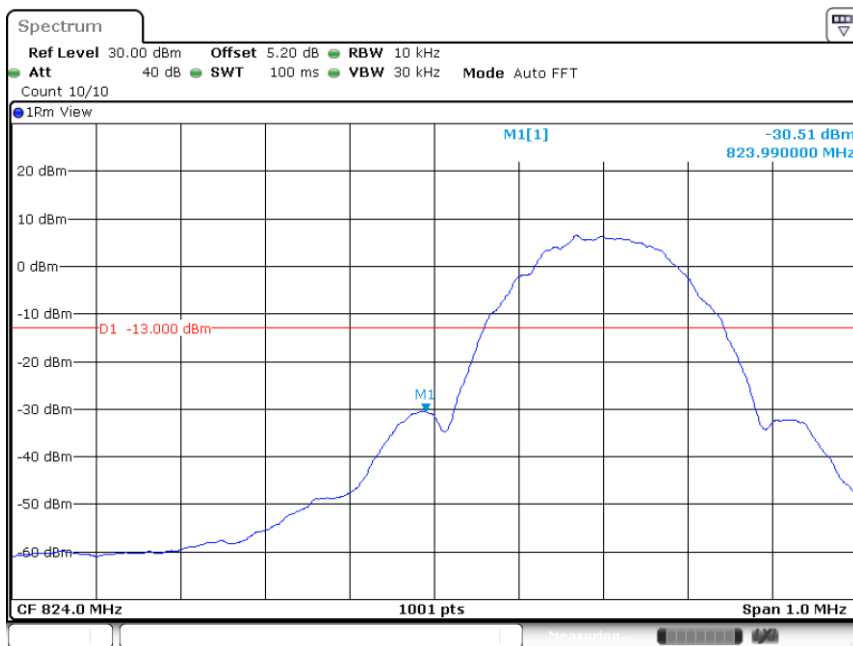


## GSM850-251-849.02



Date: 2.SEP.2020 09:53:55

## EGPRS850-128-823.99



Date: 2.SEP.2020 10:01:08

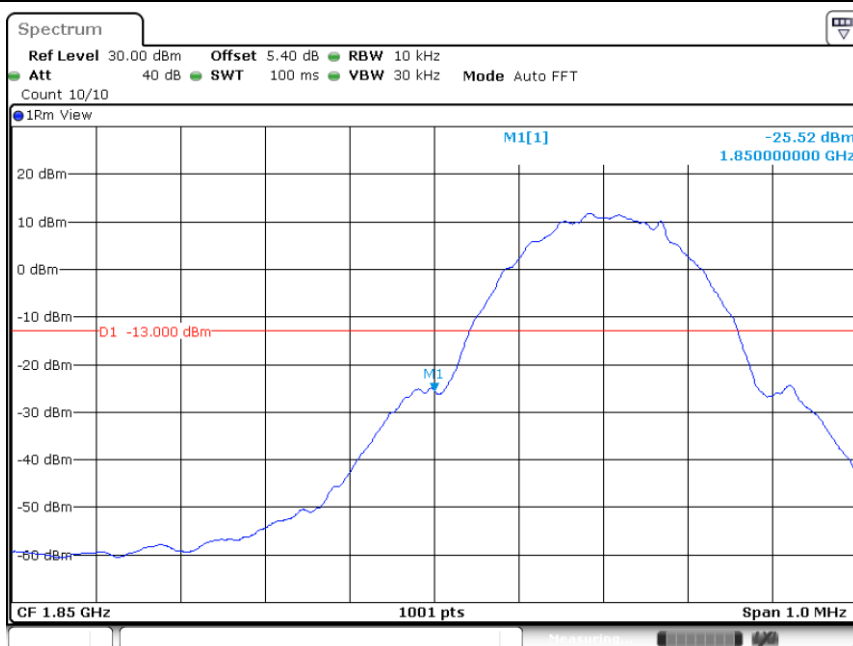


## EGPRS850-251-849.02



Date: 2.SEP.2020 10:01:19

## GSM1900-512-1850.00



Date: 2.SEP.2020 09:29:00

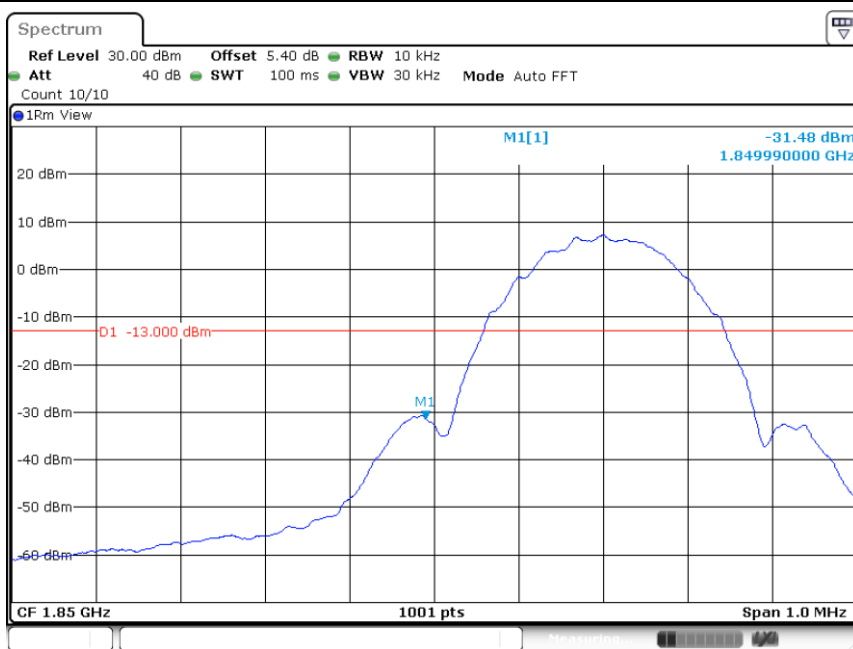


## GSM1900-810-1910.02



Date: 2.SEP.2020 09:29:11

## EGPRS1900-512-1849.99



Date: 2.SEP.2020 09:39:54



## EGPRS1900-810-1910.02



Date: 2.SEP.2020 09:40:05



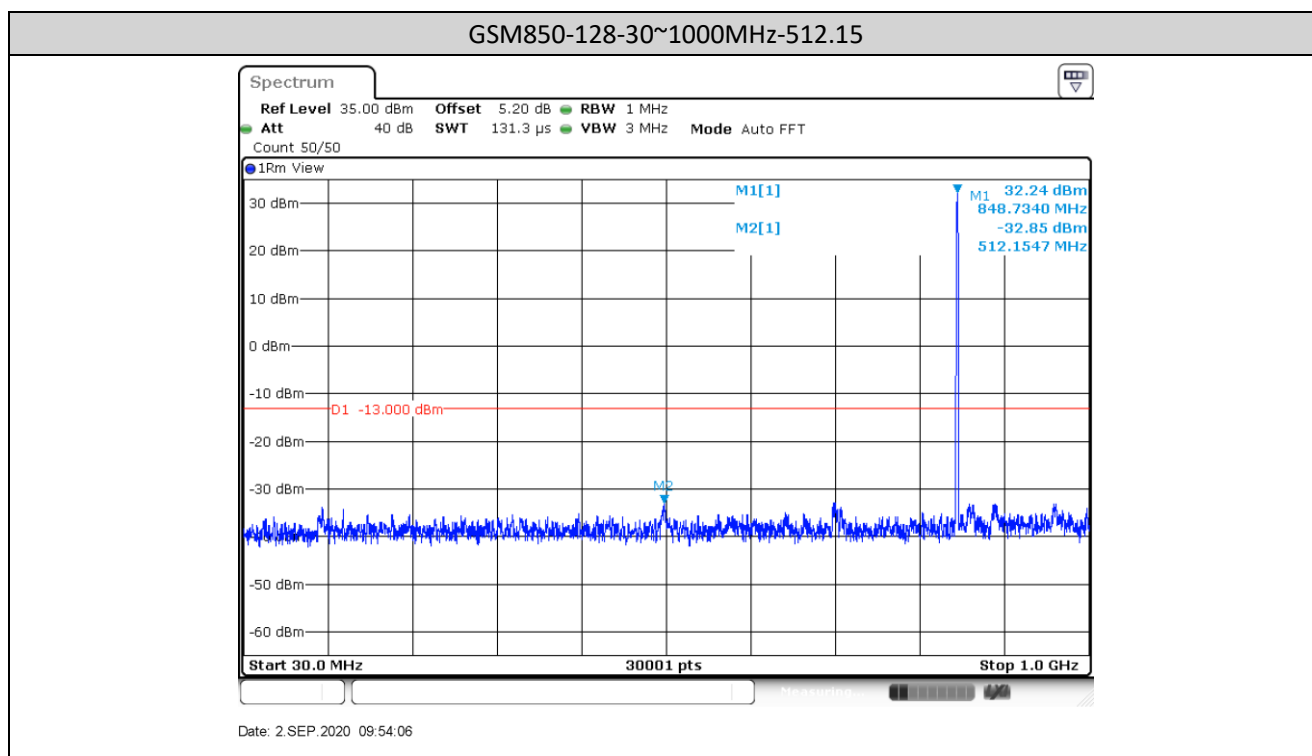


## 6. Spurious Emission at Antenna Terminal

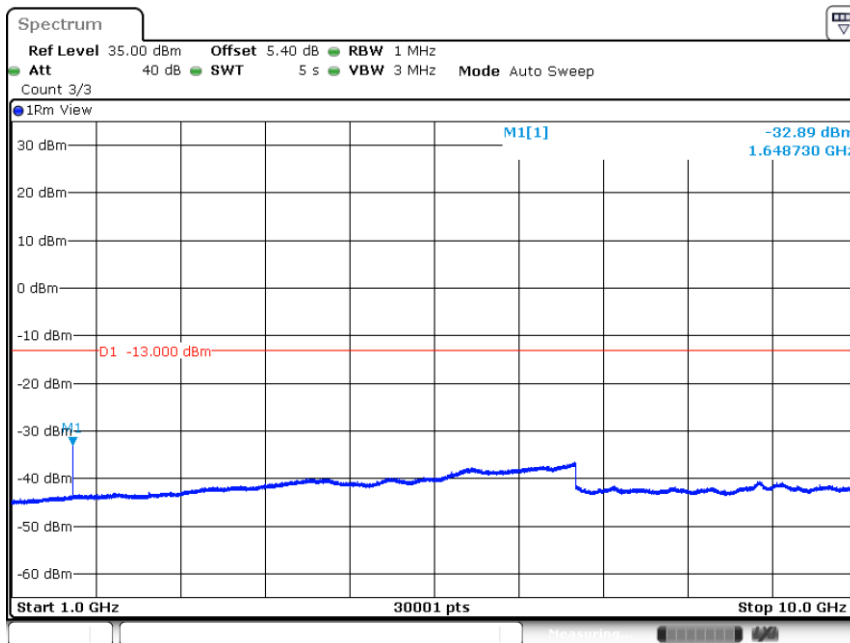
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

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

### 6.1. Test Plots

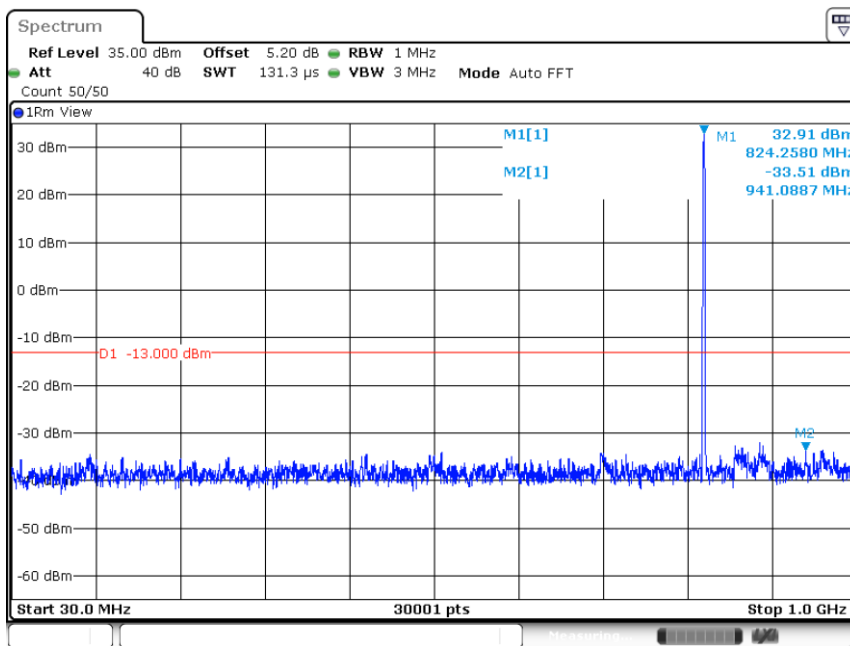


## GSM850-128-1000~10000MHz-1648.73



Date: 2.SEP.2020 09:55:54

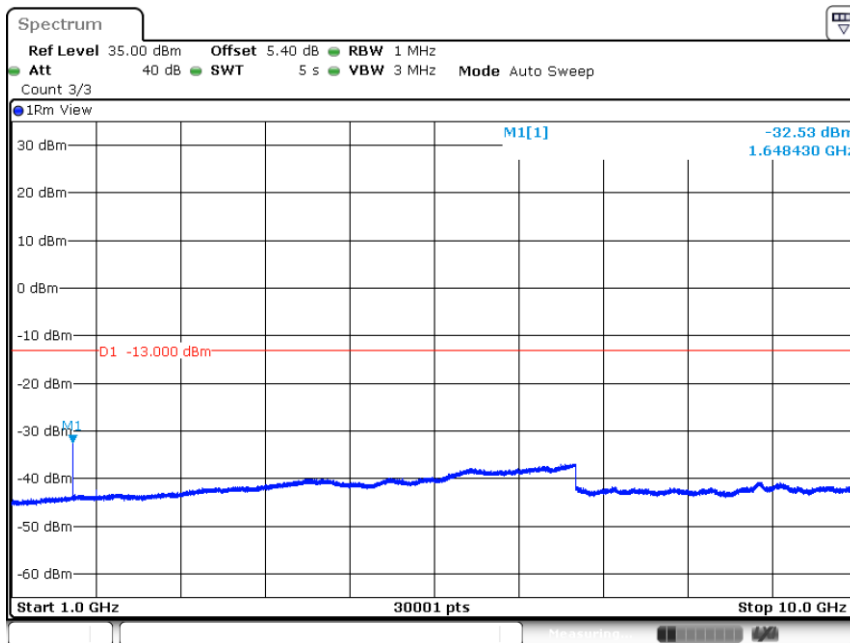
## GSM850-190-30~1000MHz-941.09



Date: 2.SEP.2020 09:56:04

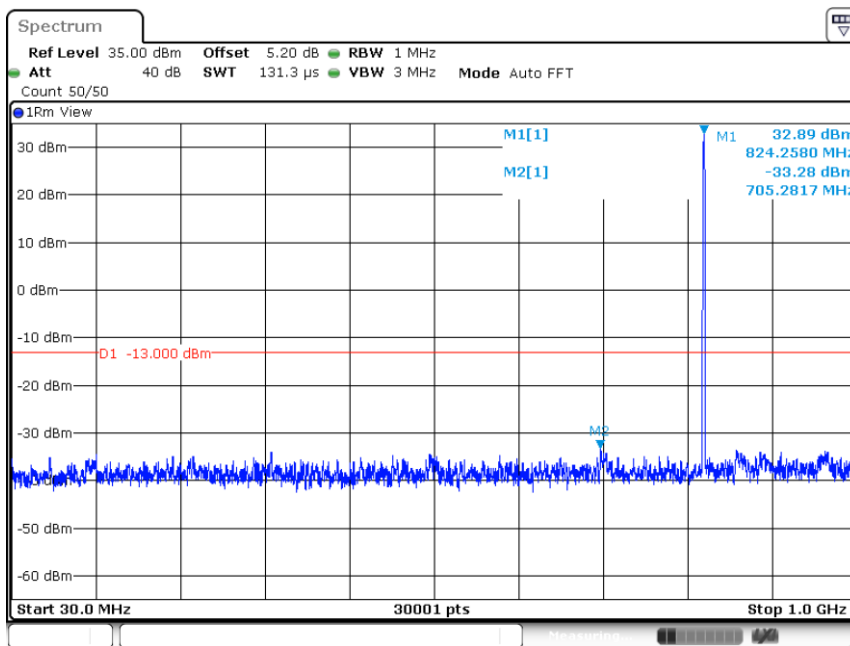


## GSM850-190-1000~10000MHz-1648.43



Date: 2.SEP.2020 09:56:27

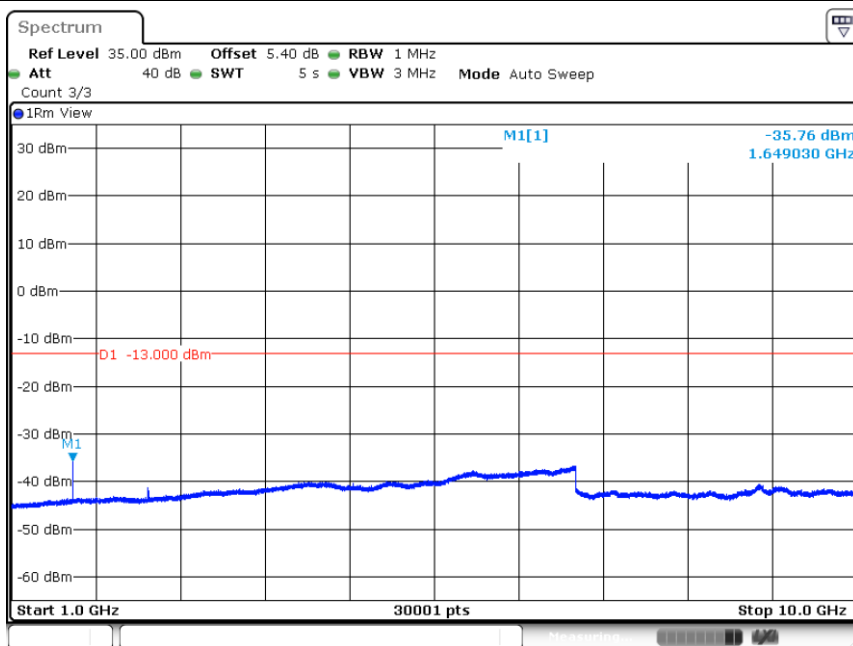
## GSM850-251-30~1000MHz-705.28



Date: 2.SEP.2020 09:56:37

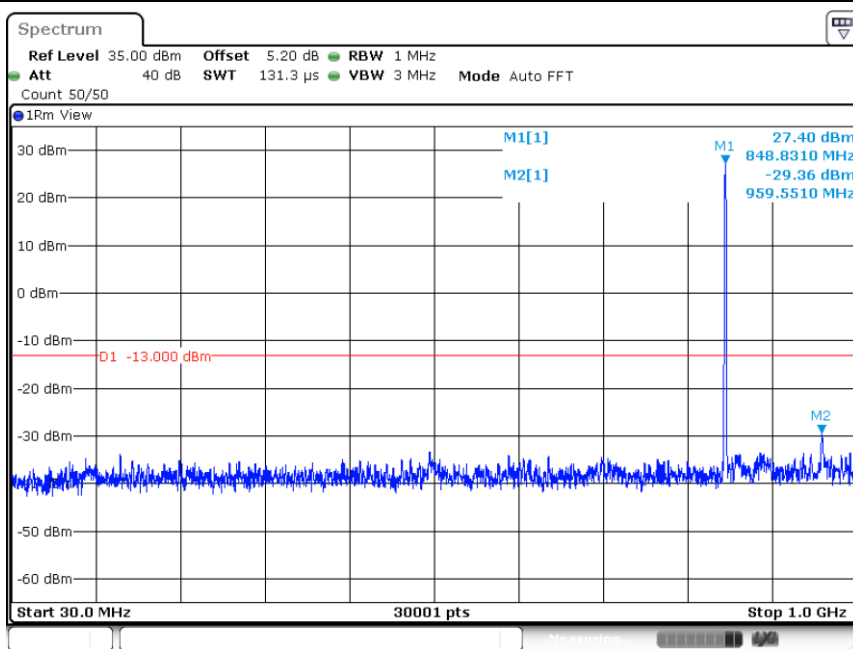


## GSM850-251-1000~10000MHz-1649.03



Date: 2.SEP.2020 09:57:00

## EGPRS850-128-30~1000MHz-959.55

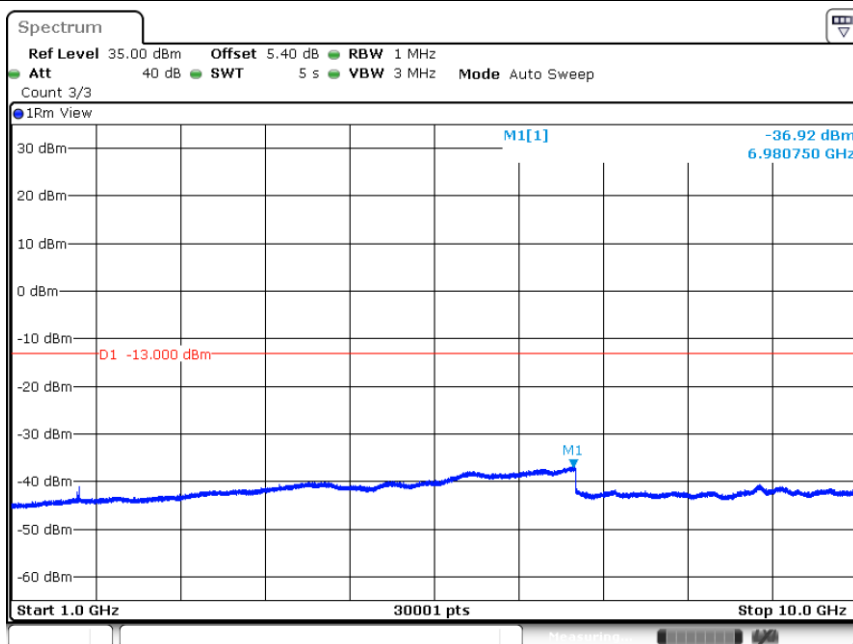


Date: 2.SEP.2020 10:01:31



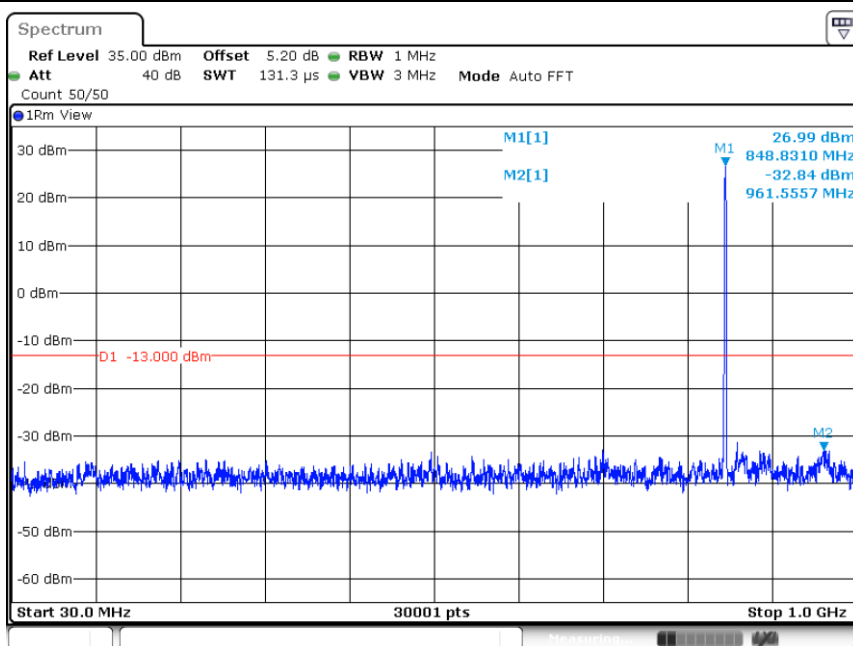


## EGPRS850-128-1000~1000MHz-6980.75



Date: 2.SEP.2020 10:01:53

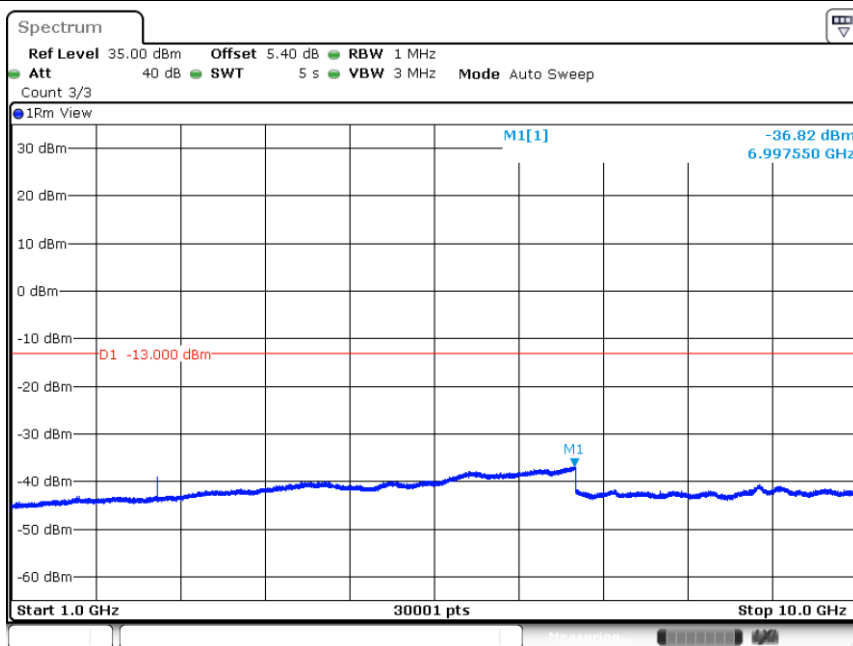
## EGPRS850-190-30~1000MHz-961.56



Date: 2.SEP.2020 10:02:07

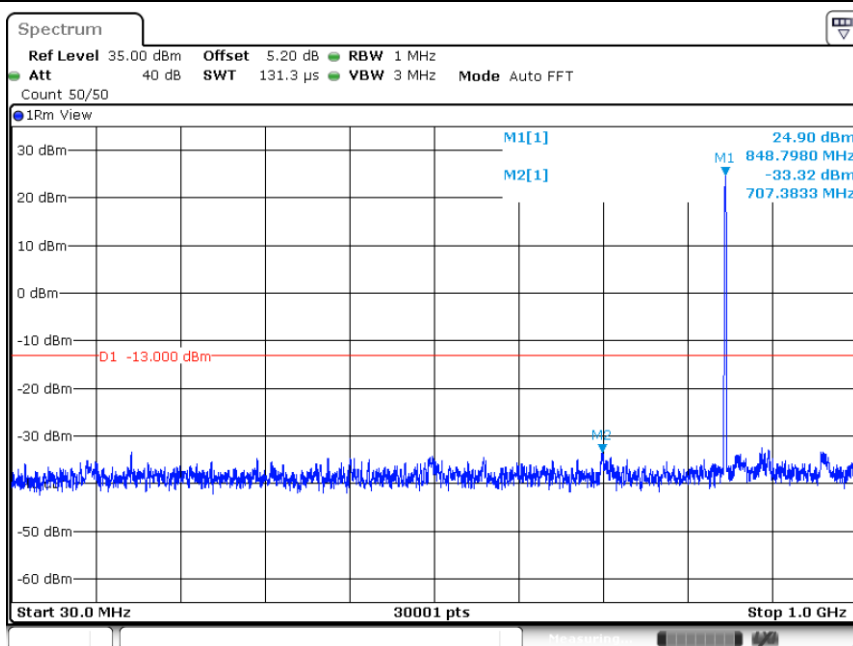


## EGPRS850-190-1000~1000MHz-6997.55



Date: 2.SEP.2020 10:02:30

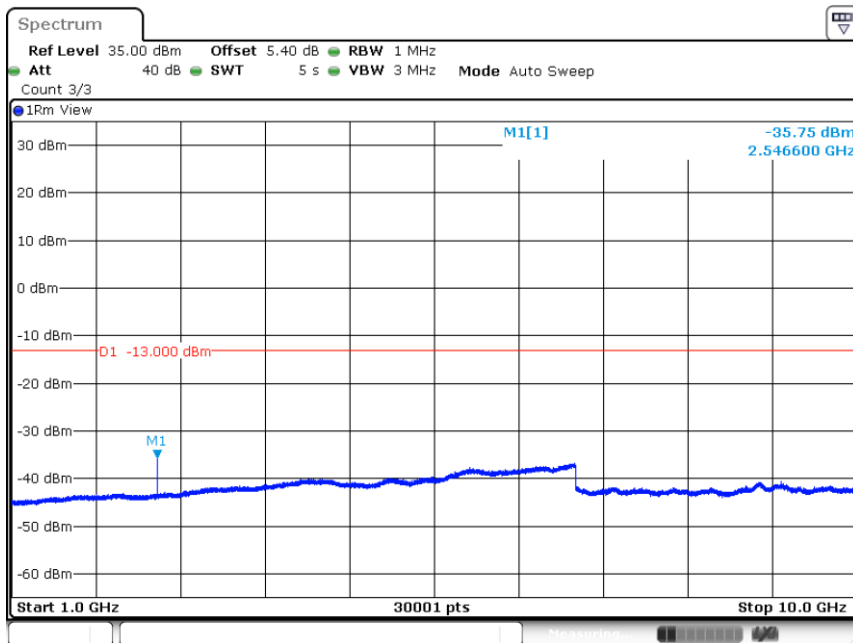
## EGPRS850-251-30~1000MHz-707.38



Date: 2.SEP.2020 10:02:41

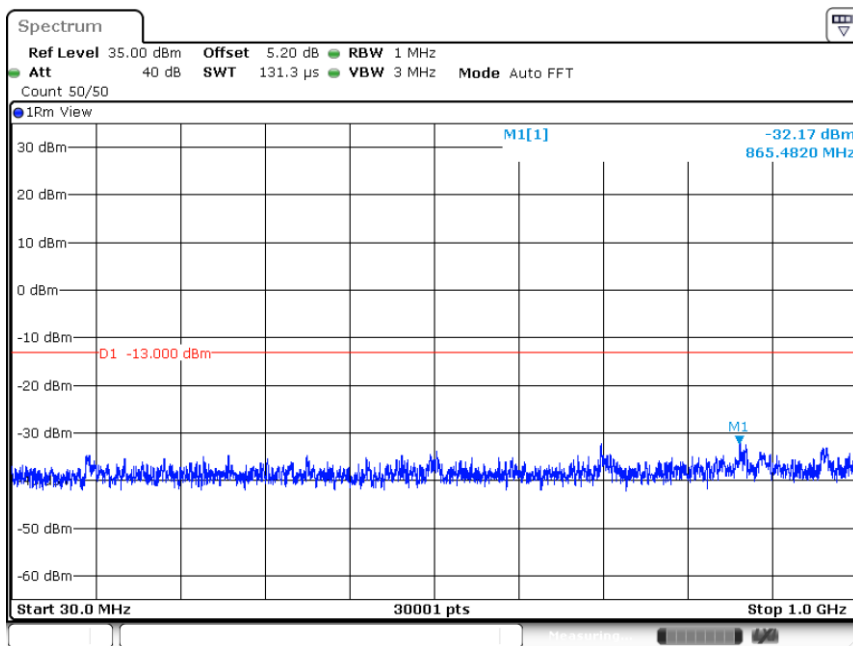


**EGPRS850-251-1000~10000MHz-2546.6**



Date: 2.SEP.2020 10:03:04

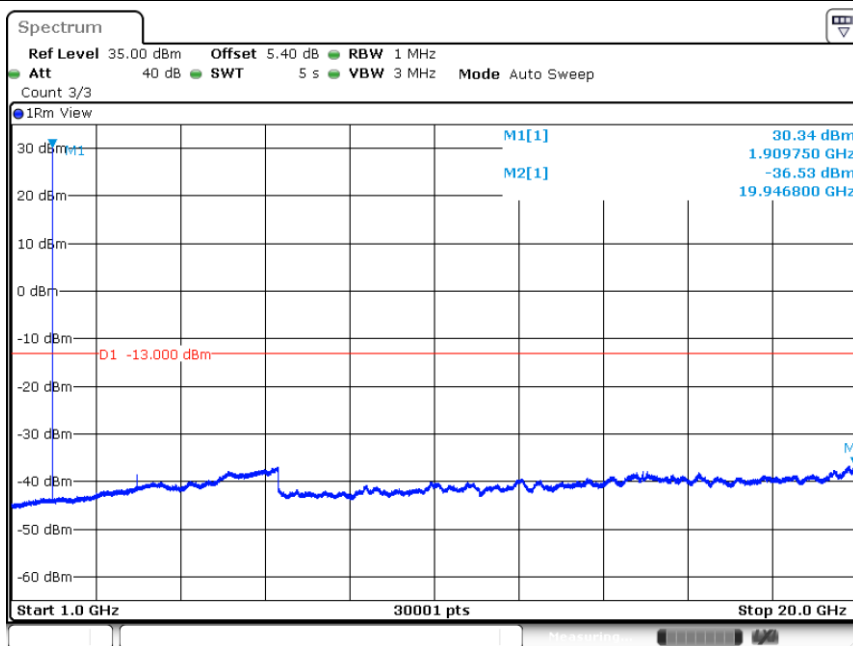
**GSM1900-512-30~1000MHz-865.48**



Date: 2.SEP.2020 09:32:35

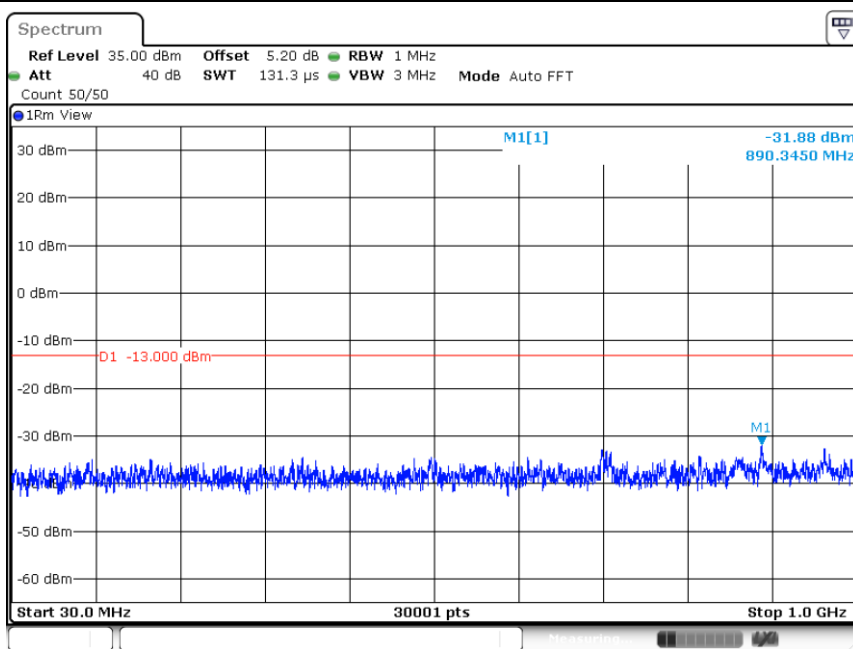


## GSM1900-512-1000~20000MHz-19946.8



Date: 2.SEP.2020 09:32:58

## GSM1900-661-30~1000MHz-890.35

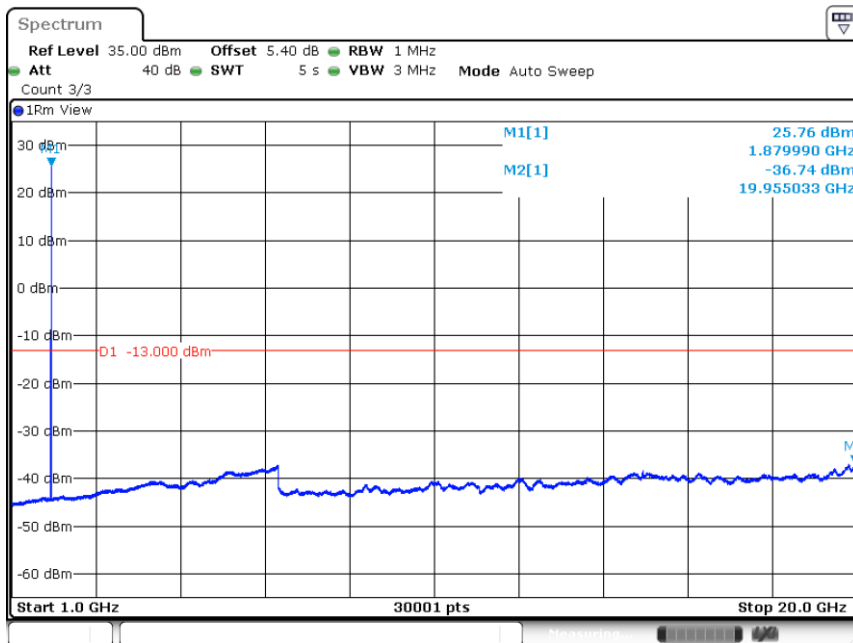


Date: 2.SEP.2020 09:33:07



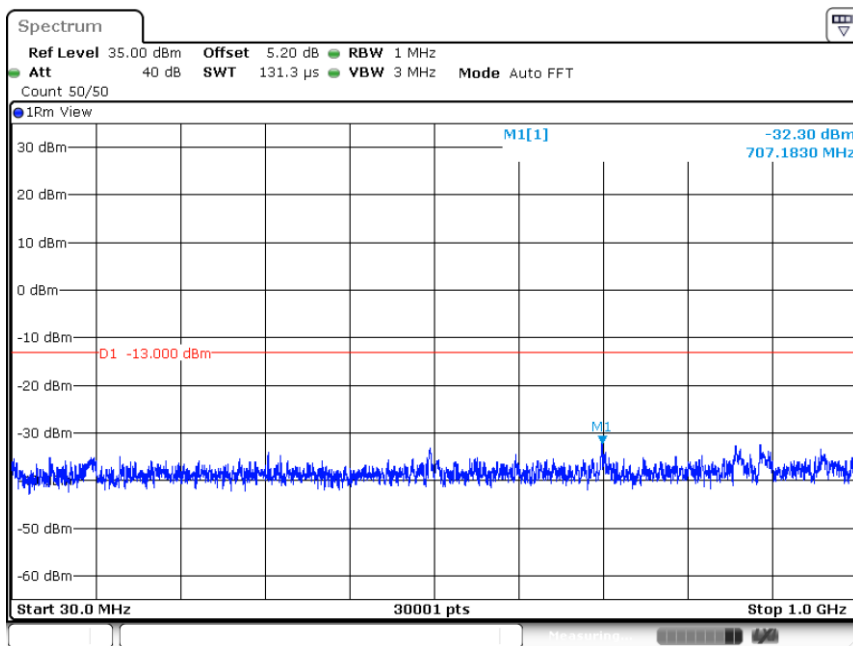


## GSM1900-661-1000~20000MHz-19955.03



Date: 2.SEP.2020 09:35:22

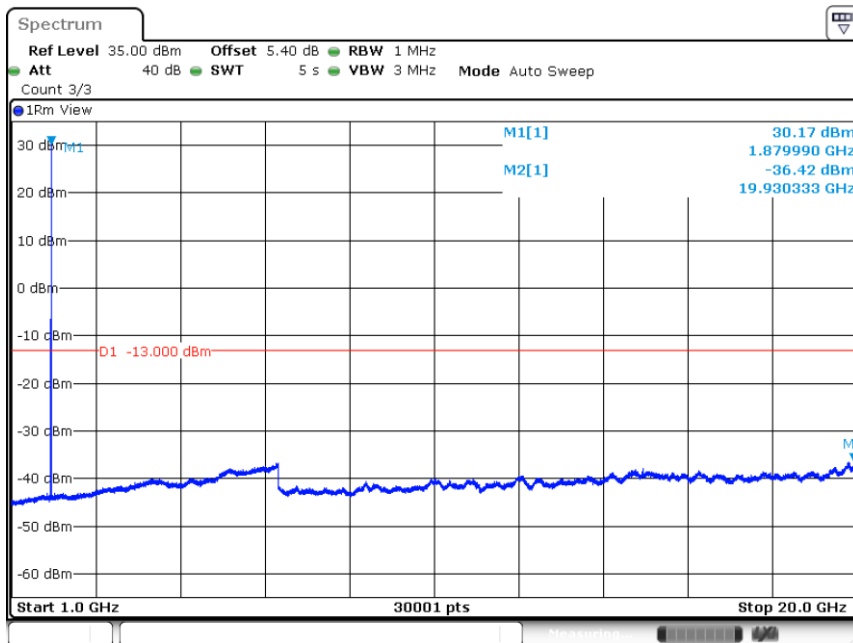
## GSM1900-810-30~1000MHz-707.18



Date: 2.SEP.2020 09:35:31

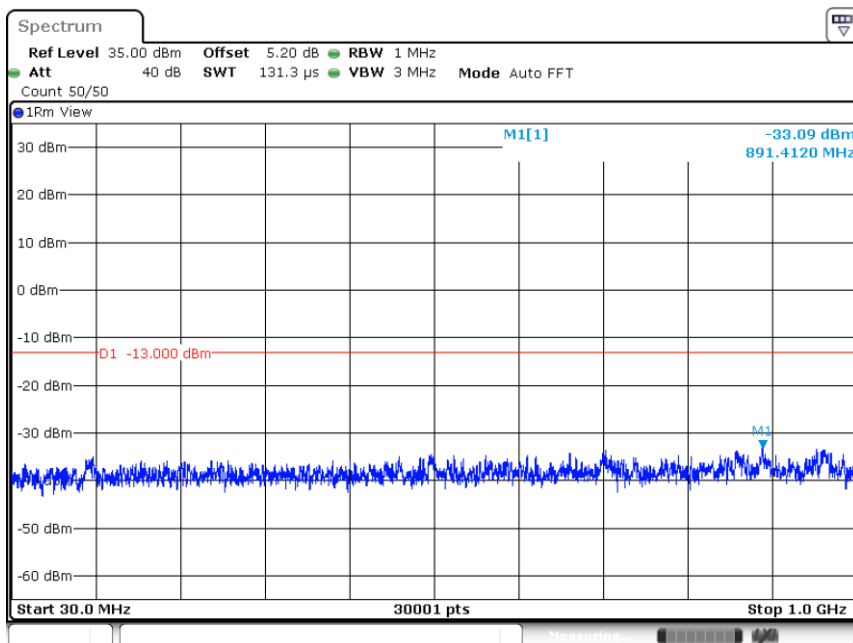


## GSM1900-810-1000~20000MHz-19930.33



Date: 2.SEP.2020 09:35:55

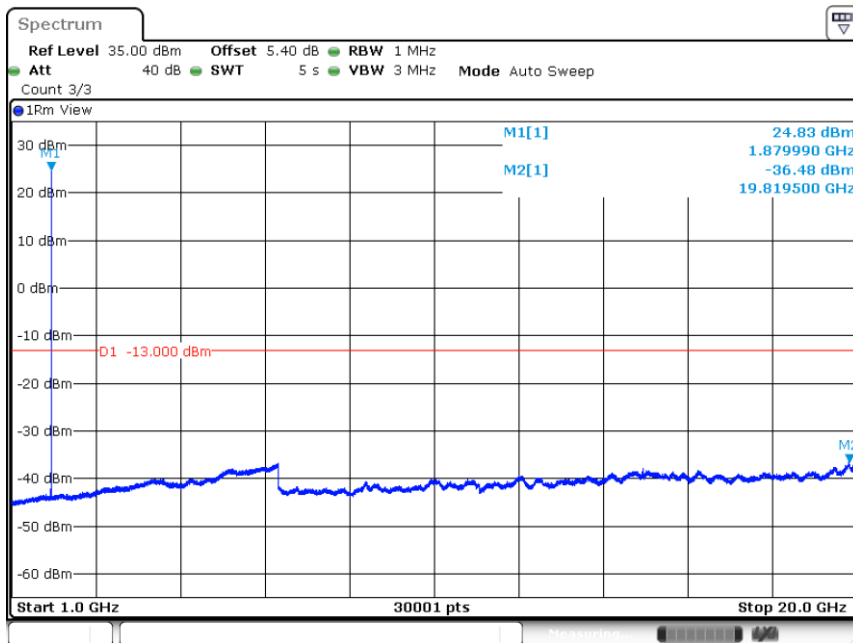
## EGPRS1900-512-30~1000MHz-891.41



Date: 2.SEP.2020 09:46:10

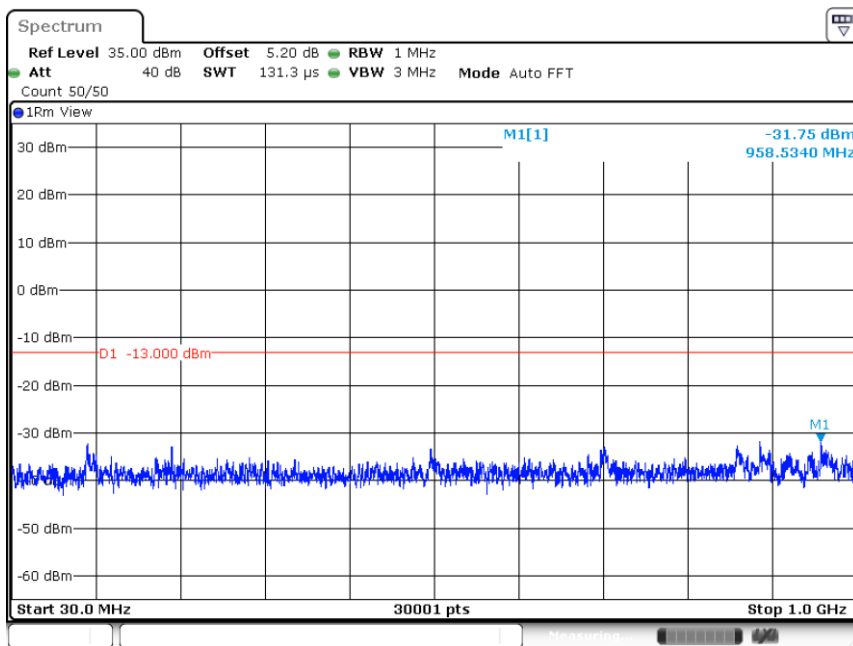


## EGPRS1900-512-1000~20000MHz-19819.5



Date: 2.SEP.2020 09:46:33

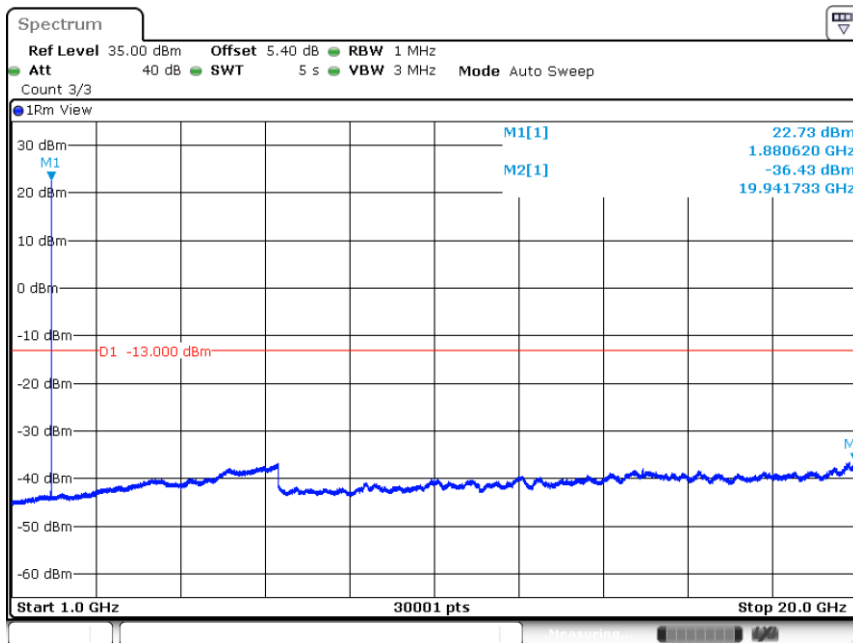
## EGPRS1900-661-30~1000MHz-958.53



Date: 2.SEP.2020 09:46:44

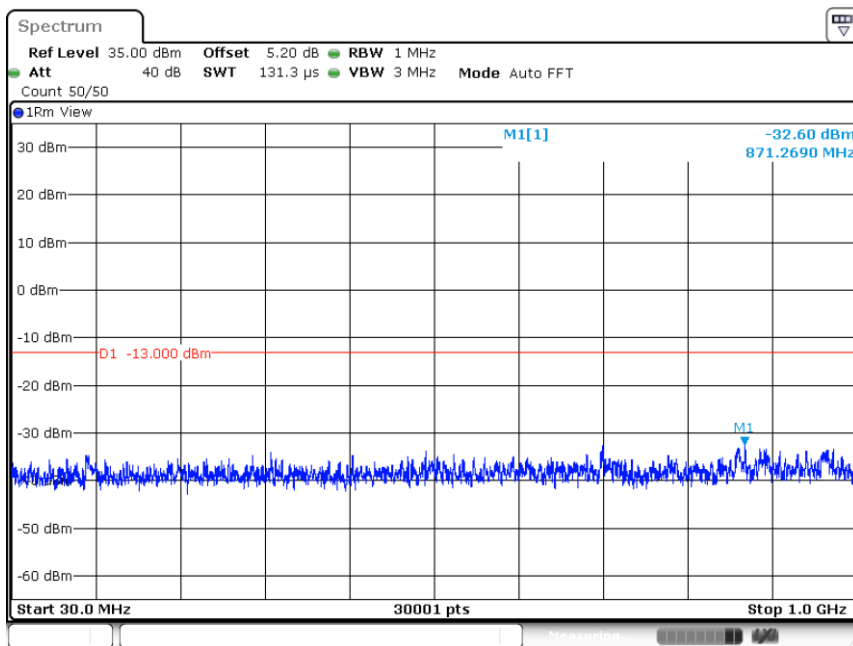


## EGPRS1900-661-1000~20000MHz-19941.73



Date: 2.SEP.2020 09:47:07

## EGPRS1900-810-30~1000MHz-871.27

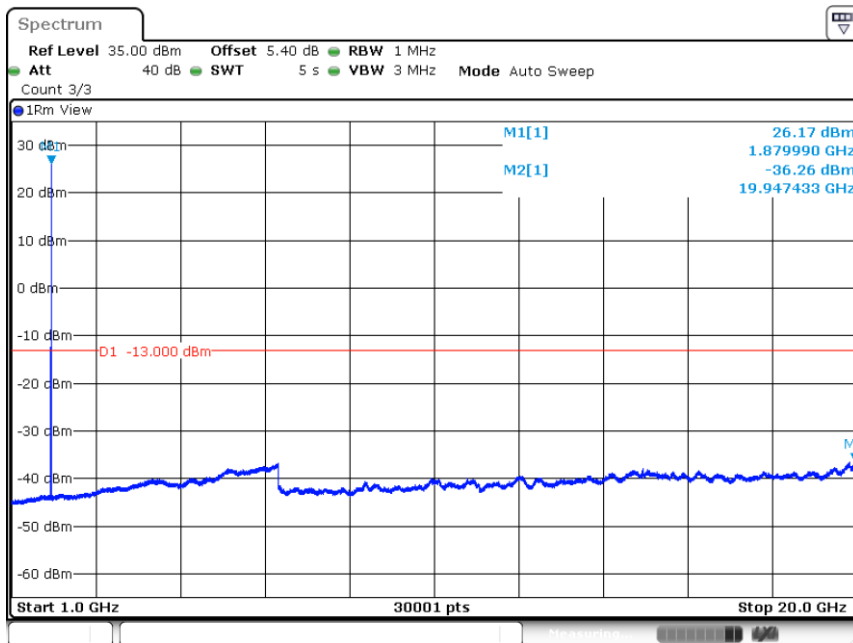


Date: 2.SEP.2020 09:47:17





EGPRS1900-810-1000~20000MHz-19947.43



Date: 2.SEP.2020 09:47:48



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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
106.7308	-64.53	-13.00	51.53	258	79	Vertical
608.0034	-64.11	-13.00	51.11	296	185	Vertical
2701.5403	-37.67	-13.00	24.67	284	334	Vertical
3700.5234	-48.51	-13.00	35.51	156	221	Vertical
5550.5850	-42.22	-13.00	29.22	196	290	Vertical
17999.0000	-40.30	-13.00	27.30	166	290	Vertical
44.5992	-64.43	-13.00	51.43	185	292	Horizontal
245.3993	-67.83	-13.00	54.83	196	178	Horizontal
2698.3397	-36.54	-13.00	23.54	231	211	Horizontal
3700.5234	-44.97	-13.00	31.97	252	10	Horizontal
5550.5850	-46.28	-13.00	33.28	216	249	Horizontal
16397.9466	-43.59	-13.00	30.59	254	178	Horizontal

#### 7.1.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
110.8535	-64.80	-13.00	51.80	174	112	Vertical
378.7809	-67.97	-13.00	54.97	185	144	Vertical
2705.5411	-37.65	-13.00	24.65	196	202	Vertical
3760.0253	-39.87	-13.00	26.87	258	285	Vertical
5640.0880	-41.31	-13.00	28.31	296	285	Vertical
9399.7133	-48.33	-13.00	35.33	154	80	Vertical
42.1741	-64.42	-13.00	51.42	154	358	Horizontal
246.1753	-67.87	-13.00	54.87	196	131	Horizontal
2703.5407	-36.54	-13.00	23.54	185	158	Horizontal
3760.0253	-41.57	-13.00	28.57	231	45	Horizontal
5640.0880	-41.83	-13.00	28.83	262	326	Horizontal
16397.4466	-43.40	-13.00	30.40	261	131	Horizontal



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### 7.1.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
117.0619	-65.03	-13.00	52.03	174	348	Vertical
468.6559	-66.24	-13.00	53.24	159	98	Vertical
2699.9400	-37.65	-13.00	24.65	169	226	Vertical
3819.5273	-40.11	-13.00	27.11	256	294	Vertical
5729.5910	-37.23	-13.00	24.23	284	13	Vertical
9549.2183	-43.56	-13.00	30.56	259	50	Vertical
42.4166	-64.72	-13.00	51.72	258	177	Horizontal
230.5575	-68.26	-13.00	55.26	215	48	Horizontal
2699.5399	-36.47	-13.00	23.47	161	324	Horizontal
3819.5273	-40.34	-13.00	27.34	321	219	Horizontal
5729.0910	-37.06	-13.00	24.06	215	141	Horizontal
9549.2183	-44.82	-13.00	31.82	161	259	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
113.4727	-64.52	-13.00	51.52	174	46	Vertical
1648.5297	-35.34	-13.00	22.34	185	234	Vertical
2472.6945	-35.03	-13.00	22.03	196	334	Vertical
4120.9707	-51.91	-13.00	38.91	321	78	Vertical
5769.2923	-45.65	-13.00	32.65	262	178	Vertical
7418.5473	-52.90	-13.00	39.90	261	319	Vertical
41.0101	-63.36	-13.00	50.36	174	292	Horizontal
237.5904	-67.14	-13.00	54.14	185	228	Horizontal
1648.1296	-35.46	-13.00	22.46	196	132	Horizontal
2472.6945	-32.28	-13.00	19.28	213	264	Horizontal
4121.2040	-44.11	-13.00	31.11	226	121	Horizontal
5769.7590	-45.55	-13.00	32.55	241	292	Horizontal

#### 7.2.2. Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
114.1032	-63.69	-13.00	50.69	285	144	Vertical
1672.9346	-33.97	-13.00	20.97	274	312	Vertical
2509.9020	-34.66	-13.00	21.66	215	183	Vertical



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4183.5061	-45.21	-13.00	32.21	151	72	Vertical
5856.5619	-42.92	-13.00	29.92	196	230	Vertical
9838.5280	-52.63	-13.00	39.63	231	40	Vertical
43.2412	-63.82	-13.00	50.82	258	69	Horizontal
1672.9346	-28.85	-13.00	15.85	174	79	Horizontal
2509.9020	-30.99	-13.00	17.99	196	38	Horizontal
3346.0449	-46.18	-13.00	33.18	264	357	Horizontal
4183.0394	-49.27	-13.00	36.27	312	15	Horizontal
5856.3285	-42.47	-13.00	29.47	154	284	Horizontal

### 7.2.3. Test Channel = HCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Height [cm]	Angle [°]	Polarization
116.4798	-64.40	-13.00	51.40	188	219	Vertical
1697.3395	-32.84	-13.00	19.84	196	236	Vertical
2546.3093	-34.87	-13.00	21.87	123	11	Vertical
3395.0465	-51.78	-13.00	38.78	252	262	Vertical
4244.1748	-44.20	-13.00	31.20	261	151	Vertical
5941.7314	-44.23	-13.00	31.23	214	219	Vertical
43.8232	-63.69	-13.00	50.69	258	344	Horizontal
1697.3395	-25.01	-13.00	12.01	274	84	Horizontal
2546.7093	-29.94	-13.00	16.94	188	151	Horizontal
3394.8132	-46.46	-13.00	33.46	196	247	Horizontal
4243.4748	-45.60	-13.00	32.60	213	180	Horizontal
5941.4981	-39.93	-13.00	26.93	262	279	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	-2.26	-0.002742	±2.5	PASS
GSM850	128	VN	NT	-5.07	-0.006151	±2.5	PASS
GSM850	128	VH	NT	-1.00	-0.001213	±2.5	PASS
GSM850	190	VL	NT	2.10	0.002510	±2.5	PASS
GSM850	190	VN	NT	2.68	0.003203	±2.5	PASS
GSM850	190	VH	NT	-4.16	-0.004973	±2.5	PASS
GSM850	251	VL	NT	-1.29	-0.001520	±2.5	PASS
GSM850	251	VN	NT	-2.03	-0.002392	±2.5	PASS
GSM850	251	VH	NT	-7.01	-0.008259	±2.5	PASS
EGPRS850	128	VL	NT	15.14	0.018369	±2.5	PASS
EGPRS850	128	VN	NT	13.53	0.016416	±2.5	PASS
EGPRS850	128	VH	NT	13.75	0.016683	±2.5	PASS
EGPRS850	190	VL	NT	11.11	0.013280	±2.5	PASS
EGPRS850	190	VN	NT	9.23	0.011033	±2.5	PASS
EGPRS850	190	VH	NT	12.01	0.014356	±2.5	PASS
EGPRS850	251	VL	NT	10.56	0.012441	±2.5	PASS
EGPRS850	251	VN	NT	11.14	0.013124	±2.5	PASS
EGPRS850	251	VH	NT	8.88	0.010462	±2.5	PASS
GSM1900	512	VL	NT	-2.45	-0.001324	±2.5	PASS
GSM1900	512	VN	NT	-3.55	-0.001919	±2.5	PASS
GSM1900	512	VH	NT	-0.90	-0.000486	±2.5	PASS
GSM1900	661	VL	NT	-6.04	-0.003213	±2.5	PASS
GSM1900	661	VN	NT	-3.20	-0.001702	±2.5	PASS
GSM1900	661	VH	NT	-4.55	-0.002420	±2.5	PASS
GSM1900	810	VL	NT	-2.71	-0.001419	±2.5	PASS
GSM1900	810	VN	NT	4.23	0.002215	±2.5	PASS
GSM1900	810	VH	NT	-4.58	-0.002398	±2.5	PASS
EGPRS1900	512	VL	NT	14.56	0.007869	±2.5	PASS
EGPRS1900	512	VN	NT	17.34	0.009372	±2.5	PASS
EGPRS1900	512	VH	NT	16.79	0.009075	±2.5	PASS



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EGPRS1900	661	VL	NT	13.24	0.007043	±2.5	PASS
EGPRS1900	661	VN	NT	12.88	0.006851	±2.5	PASS
EGPRS1900	661	VH	NT	12.07	0.006420	±2.5	PASS
EGPRS1900	810	VL	NT	11.75	0.006152	±2.5	PASS
EGPRS1900	810	VN	NT	10.56	0.005529	±2.5	PASS
EGPRS1900	810	VH	NT	14.40	0.007540	±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	-2.91	-0.003531	±2.5	PASS
GSM850	128	NV	-20	-1.94	-0.002354	±2.5	PASS
GSM850	128	NV	-10	1.00	0.001213	±2.5	PASS
GSM850	128	NV	0	0.26	0.000315	±2.5	PASS
GSM850	128	NV	10	-3.16	-0.003834	±2.5	PASS
GSM850	128	NV	20	1.26	0.001529	±2.5	PASS
GSM850	128	NV	30	2.10	0.002548	±2.5	PASS
GSM850	128	NV	40	1.87	0.002269	±2.5	PASS
GSM850	128	NV	50	3.84	0.004659	±2.5	PASS
GSM850	190	NV	-30	0.94	0.001124	±2.5	PASS
GSM850	190	NV	-20	-2.91	-0.003478	±2.5	PASS
GSM850	190	NV	-10	-1.16	-0.001387	±2.5	PASS
GSM850	190	NV	0	-1.16	-0.001387	±2.5	PASS
GSM850	190	NV	10	-0.55	-0.000657	±2.5	PASS
GSM850	190	NV	20	-1.68	-0.002008	±2.5	PASS
GSM850	190	NV	30	-1.29	-0.001542	±2.5	PASS
GSM850	190	NV	40	0.13	0.000155	±2.5	PASS
GSM850	190	NV	50	0.23	0.000275	±2.5	PASS
GSM850	251	NV	-30	-0.61	-0.000719	±2.5	PASS
GSM850	251	NV	-20	1.68	0.001979	±2.5	PASS
GSM850	251	NV	-10	-3.33	-0.003923	±2.5	PASS
GSM850	251	NV	0	-1.65	-0.001944	±2.5	PASS
GSM850	251	NV	10	-5.62	-0.006621	±2.5	PASS
GSM850	251	NV	20	-2.26	-0.002663	±2.5	PASS
GSM850	251	NV	30	-2.55	-0.003004	±2.5	PASS
GSM850	251	NV	40	4.71	0.005549	±2.5	PASS



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GSM850	251	NV	50	-7.07	-0.008329	±2.5	PASS
EGPRS850	128	NV	-30	13.72	0.016646	±2.5	PASS
EGPRS850	128	NV	-20	14.08	0.017083	±2.5	PASS
EGPRS850	128	NV	-10	13.66	0.016574	±2.5	PASS
EGPRS850	128	NV	0	12.98	0.015749	±2.5	PASS
EGPRS850	128	NV	10	12.24	0.014851	±2.5	PASS
EGPRS850	128	NV	20	15.27	0.018527	±2.5	PASS
EGPRS850	128	NV	30	13.30	0.016137	±2.5	PASS
EGPRS850	128	NV	40	13.08	0.015870	±2.5	PASS
EGPRS850	128	NV	50	14.40	0.017471	±2.5	PASS
EGPRS850	190	NV	-30	12.69	0.015169	±2.5	PASS
EGPRS850	190	NV	-20	13.46	0.016089	±2.5	PASS
EGPRS850	190	NV	-10	11.36	0.013579	±2.5	PASS
EGPRS850	190	NV	0	13.66	0.016328	±2.5	PASS
EGPRS850	190	NV	10	12.27	0.014667	±2.5	PASS
EGPRS850	190	NV	20	10.30	0.012312	±2.5	PASS
EGPRS850	190	NV	30	11.17	0.013352	±2.5	PASS
EGPRS850	190	NV	40	12.46	0.014894	±2.5	PASS
EGPRS850	190	NV	50	14.69	0.017559	±2.5	PASS
EGPRS850	251	NV	-30	12.79	0.015068	±2.5	PASS
EGPRS850	251	NV	-20	8.43	0.009932	±2.5	PASS
EGPRS850	251	NV	-10	10.40	0.012253	±2.5	PASS
EGPRS850	251	NV	0	12.04	0.014185	±2.5	PASS
EGPRS850	251	NV	10	12.59	0.014833	±2.5	PASS
EGPRS850	251	NV	20	12.37	0.014574	±2.5	PASS
EGPRS850	251	NV	30	10.85	0.012783	±2.5	PASS
EGPRS850	251	NV	40	10.82	0.012747	±2.5	PASS
EGPRS850	251	NV	50	9.20	0.010839	±2.5	PASS
GSM1900	512	NV	-30	0.45	0.000243	±2.5	PASS
GSM1900	512	NV	-20	-2.84	-0.001535	±2.5	PASS
GSM1900	512	NV	-10	0.39	0.000211	±2.5	PASS
GSM1900	512	NV	0	-2.39	-0.001292	±2.5	PASS
GSM1900	512	NV	10	-5.10	-0.002756	±2.5	PASS
GSM1900	512	NV	20	1.26	0.000681	±2.5	PASS
GSM1900	512	NV	30	5.39	0.002913	±2.5	PASS
GSM1900	512	NV	40	1.52	0.000822	±2.5	PASS
GSM1900	512	NV	50	-1.81	-0.000978	±2.5	PASS



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GSM1900	661	NV	-30	-4.42	-0.002351	±2.5	PASS
GSM1900	661	NV	-20	-0.32	-0.000170	±2.5	PASS
GSM1900	661	NV	-10	-4.07	-0.002165	±2.5	PASS
GSM1900	661	NV	0	-4.10	-0.002181	±2.5	PASS
GSM1900	661	NV	10	0.23	0.000122	±2.5	PASS
GSM1900	661	NV	20	-3.87	-0.002059	±2.5	PASS
GSM1900	661	NV	30	-10.20	-0.005426	±2.5	PASS
GSM1900	661	NV	40	-2.78	-0.001479	±2.5	PASS
GSM1900	661	NV	50	-5.07	-0.002697	±2.5	PASS
GSM1900	810	NV	-30	-6.23	-0.003262	±2.5	PASS
GSM1900	810	NV	-20	-4.07	-0.002131	±2.5	PASS
GSM1900	810	NV	-10	-5.20	-0.002723	±2.5	PASS
GSM1900	810	NV	0	-5.71	-0.002990	±2.5	PASS
GSM1900	810	NV	10	-1.26	-0.000660	±2.5	PASS
GSM1900	810	NV	20	1.00	0.000524	±2.5	PASS
GSM1900	810	NV	30	-7.20	-0.003770	±2.5	PASS
GSM1900	810	NV	40	-2.55	-0.001335	±2.5	PASS
GSM1900	810	NV	50	-6.81	-0.003566	±2.5	PASS
EGPRS1900	512	NV	-30	17.69	0.009561	±2.5	PASS
EGPRS1900	512	NV	-20	15.30	0.008269	±2.5	PASS
EGPRS1900	512	NV	-10	13.24	0.007156	±2.5	PASS
EGPRS1900	512	NV	0	13.56	0.007329	±2.5	PASS
EGPRS1900	512	NV	10	12.66	0.006843	±2.5	PASS
EGPRS1900	512	NV	20	15.24	0.008237	±2.5	PASS
EGPRS1900	512	NV	30	16.14	0.008723	±2.5	PASS
EGPRS1900	512	NV	40	14.08	0.007610	±2.5	PASS
EGPRS1900	512	NV	50	15.24	0.008237	±2.5	PASS
EGPRS1900	661	NV	-30	13.69	0.007282	±2.5	PASS
EGPRS1900	661	NV	-20	12.72	0.006766	±2.5	PASS
EGPRS1900	661	NV	-10	14.79	0.007867	±2.5	PASS
EGPRS1900	661	NV	0	12.33	0.006559	±2.5	PASS
EGPRS1900	661	NV	10	12.53	0.006665	±2.5	PASS
EGPRS1900	661	NV	20	14.82	0.007883	±2.5	PASS
EGPRS1900	661	NV	30	10.56	0.005617	±2.5	PASS
EGPRS1900	661	NV	40	14.69	0.007814	±2.5	PASS
EGPRS1900	661	NV	50	10.65	0.005665	±2.5	PASS
EGPRS1900	810	NV	-30	14.01	0.007336	±2.5	PASS



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EGPRS1900	810	NV	-20	16.11	0.008435	±2.5	PASS
EGPRS1900	810	NV	-10	13.92	0.007289	±2.5	PASS
EGPRS1900	810	NV	0	10.20	0.005341	±2.5	PASS
EGPRS1900	810	NV	10	12.27	0.006425	±2.5	PASS
EGPRS1900	810	NV	20	11.82	0.006189	±2.5	PASS
EGPRS1900	810	NV	30	13.66	0.007153	±2.5	PASS
EGPRS1900	810	NV	40	12.79	0.006697	±2.5	PASS
EGPRS1900	810	NV	50	11.40	0.005969	±2.5	PASS

The End

