

# Appendix B

## GSM 850 & 1900



## CONTENT

	Page
1. EFFECTIVE (ISOTROPIC) RADIATED POWER OUTPUT DATA .....	4
1.1. Test Result .....	4
2. PEAK-TO-AVERAGE RATIO .....	6
2.1. Test Result .....	6
2.2. Part II - Test Plots .....	7
3. MODULATION CHARACTERISTICS .....	13
3.1. For GSM .....	13
3.1.1. Test Band = GSM 850 .....	13
3.1.1.1. Test Mode = GSM/TM1 .....	13
3.1.1.1.1. Test Channel = MCH .....	13
3.1.1.2. Test Mode = GSM/TM2 .....	14
3.1.1.2.1. Test Channel = MCH .....	14
3.1.2. Test Band = GSM 1900 .....	15
3.1.2.1. Test Mode = GSM/TM1 .....	15
3.1.2.1.1. Test Channel = MCH .....	15
3.1.2.2. Test Mode = GSM/TM2 .....	16
3.1.2.2.1. Test Channel = MCH .....	16
4. 26dB BANDWIDTH AND OCCUPIED BANDWIDTH .....	17
4.1. Test Result .....	17
4.2. Test Plots .....	17
5. BAND EDGE COMPLIANCE .....	24
5.1. Test Plots .....	24
6. SPURIOUS EMISSION AT ANTENNA TERMINAL .....	29
6.1. Test Plots .....	29
7. FIELD STRENGTH OF SPURIOUS RADIATION .....	42
FIRSTLY SUPPLY: .....	42
7.1. Test Band = GSM_850 .....	42
7.1.1. Test Channel = Low Channel .....	42
7.2. Test Band = GSM_850 .....	43
7.2.1. Test Channel = Low Channel .....	43
7.3. Test Band = GSM_850 .....	44
7.3.1. Test Channel = Middle Channel .....	44



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7.4. Test Band = GSM_850 .....	45
7.4.1. Test Channel = Middle Channel .....	45
7.5. Test Band = GSM_850 .....	46
7.5.1. Test Channel = High Channel .....	46
7.6. Test Band = GSM_850 .....	47
7.6.1. Test Channel = High Channel .....	47
7.7. Test Band = GSM_1900 .....	48
7.7.1. Test Channel = Low Channel .....	48
7.8. Test Band = GSM_1900 .....	49
7.8.1. Test Channel = Low Channel .....	49
7.9. Test Band = GSM_1900 .....	50
7.9.1. Test Channel = Middle Channel .....	50
7.10. Test Band = GSM_1900 .....	51
7.10.1. Test Channel = Middle Channel .....	51
7.11. Test Band = GSM_1900 .....	52
7.11.1. Test Channel = High Channel .....	52
7.12. Test Band = GSM_1900 .....	53
7.12.1. Test Channel = High Channel .....	53
SECONDLY SUPPLY: .....	54
7.13. Test Band = GSM_850 .....	54
7.13.1. Test Channel = Middle Channel .....	54
7.14. Test Band = GSM_850 .....	55
7.14.1. Test Channel = Middle Channel .....	55
8. FREQUENCY STABILITY .....	56
8.1. Frequency Error Vs Voltage .....	56
8.2. Frequency Error Vs Temperature .....	57



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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	---	32.80	28.74	38.45	PASS
GSM850	190	---	33.33	29.27	38.45	PASS
GSM850	251	---	33.23	29.17	38.45	PASS
EGPRS850	128	1	25.51	21.45	38.45	PASS
EGPRS850	128	2	25.05	20.99	38.45	PASS
EGPRS850	128	3	23.50	19.44	38.45	PASS
EGPRS850	128	4	21.10	17.04	38.45	PASS
EGPRS850	190	1	25.71	21.65	38.45	PASS
EGPRS850	190	2	25.15	21.09	38.45	PASS
EGPRS850	190	3	23.47	19.41	38.45	PASS
EGPRS850	190	4	21.10	17.04	38.45	PASS
EGPRS850	251	1	25.85	21.79	38.45	PASS
EGPRS850	251	2	25.13	21.07	38.45	PASS
EGPRS850	251	3	23.62	19.56	38.45	PASS
EGPRS850	251	4	21.31	17.25	38.45	PASS

Band	Channel	Slot	Conducted Power (dBm)	EIRP (dBm)	Limit(dBm)	Verdict
GSM1900	512	---	30.69	30.1	33.00	PASS
GSM1900	661	---	30.52	29.93	33.00	PASS
GSM1900	810	---	30.34	29.75	33.00	PASS
EGPRS1900	512	1	26.10	25.51	33.00	PASS
EGPRS1900	512	2	24.11	23.52	33.00	PASS
EGPRS1900	512	3	21.84	21.25	33.00	PASS
EGPRS1900	512	4	19.13	18.54	33.00	PASS
EGPRS1900	661	1	26.40	25.81	33.00	PASS
EGPRS1900	661	2	24.41	23.82	33.00	PASS
EGPRS1900	661	3	22.10	21.51	33.00	PASS
EGPRS1900	661	4	19.47	18.88	33.00	PASS
EGPRS1900	810	1	26.84	26.25	33.00	PASS
EGPRS1900	810	2	24.26	23.67	33.00	PASS
EGPRS1900	810	3	22.26	21.67	33.00	PASS
EGPRS1900	810	4	19.35	18.76	33.00	PASS

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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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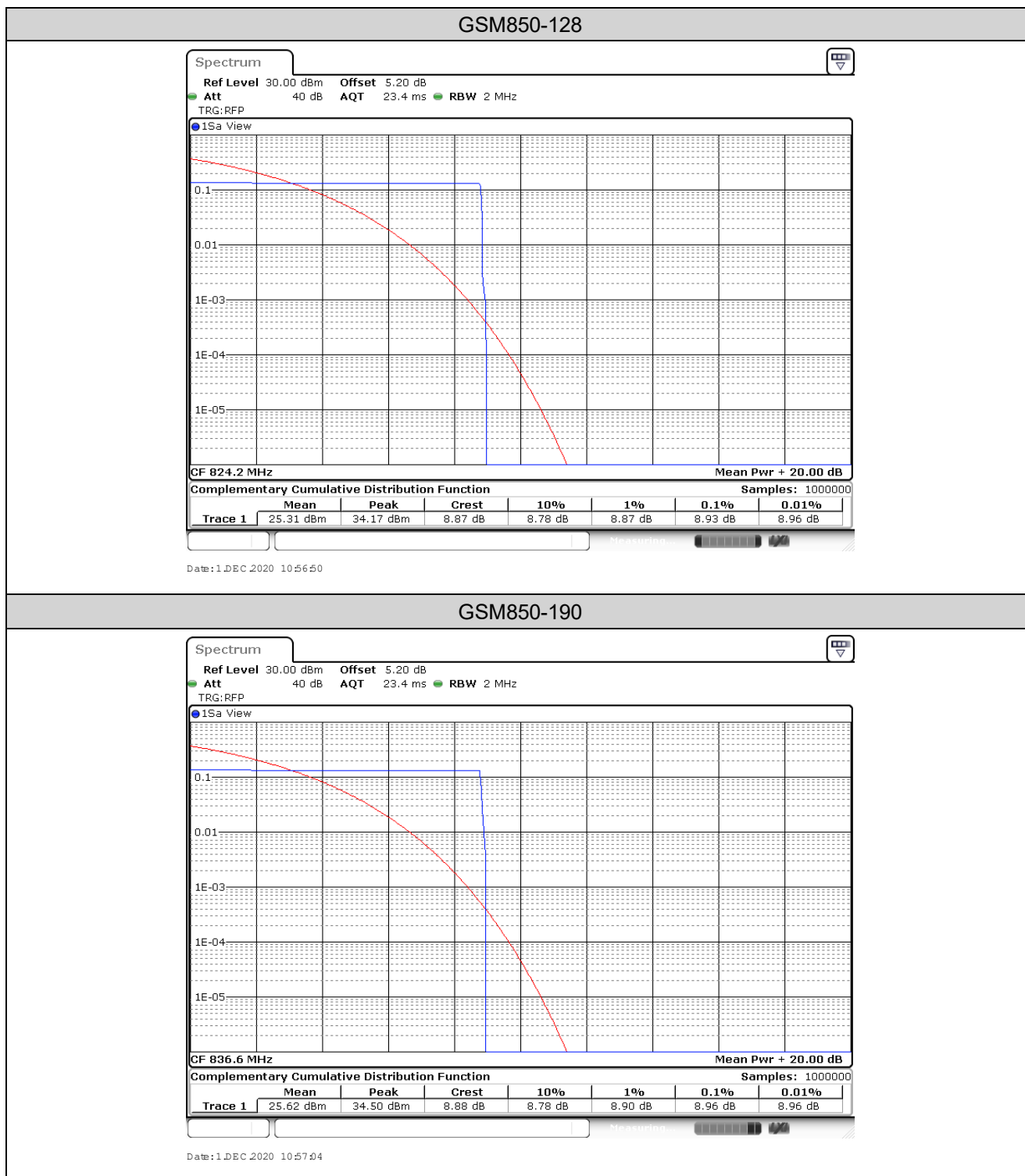
## 2. Peak-to-Average Ratio

### 2.1. Test Result

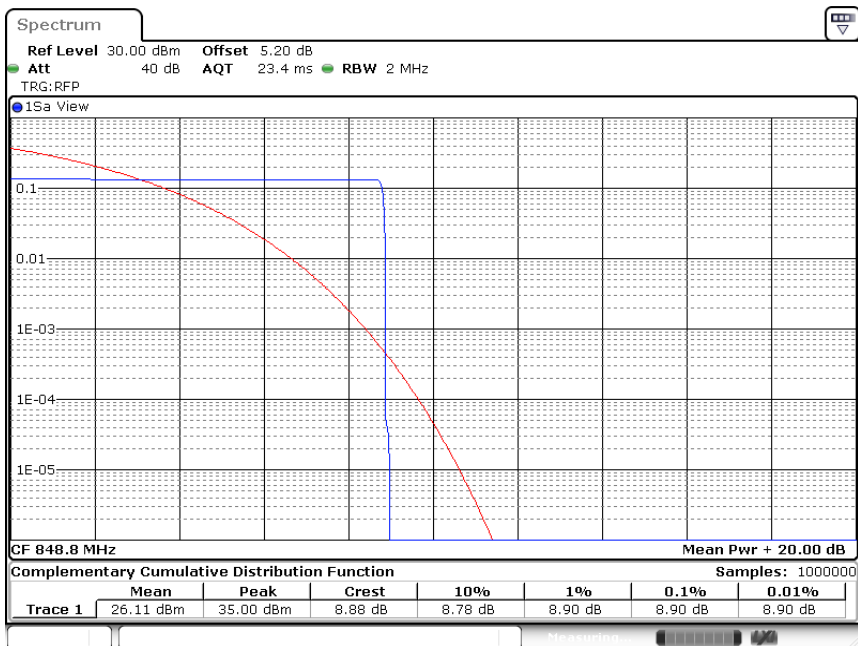
Band	Channel	Result(dB)	Limit(dB)	Verdict
GSM850	128	8.93	13	PASS
GSM850	190	8.96	13	PASS
GSM850	251	8.9	13	PASS
EGPRS850	128	11.8	13	PASS
EGPRS850	190	12.38	13	PASS
EGPRS850	251	11.97	13	PASS
GSM1900	512	9.1	13	PASS
GSM1900	661	9.04	13	PASS
GSM1900	810	9.07	13	PASS
EGPRS1900	512	12.23	13	PASS
EGPRS1900	661	11.94	13	PASS
EGPRS1900	810	12.90	13	PASS



## 2.2.Part II - Test Plots

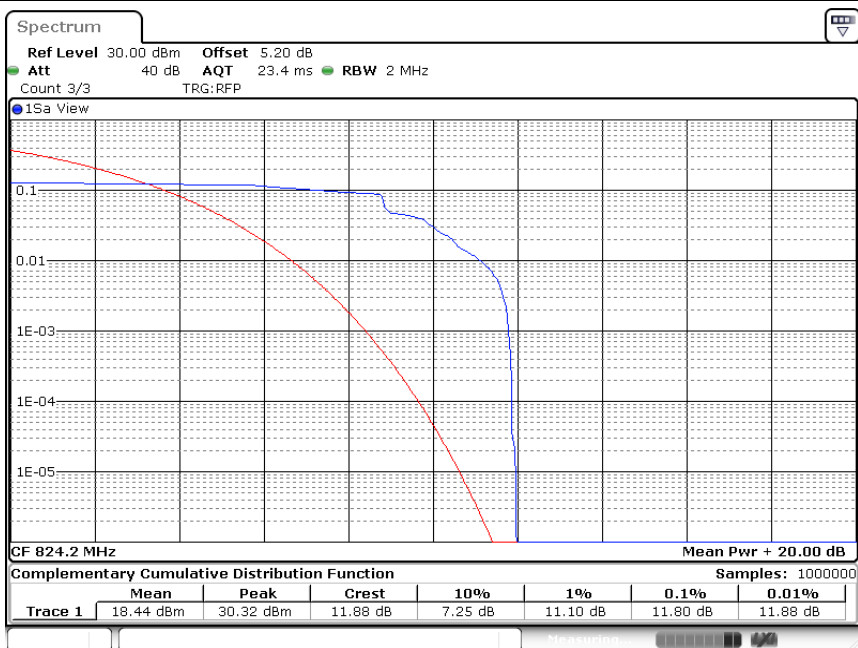


## GSM850-251



Date: 1 DEC 2020 10:57:19

## EGPRS850-128

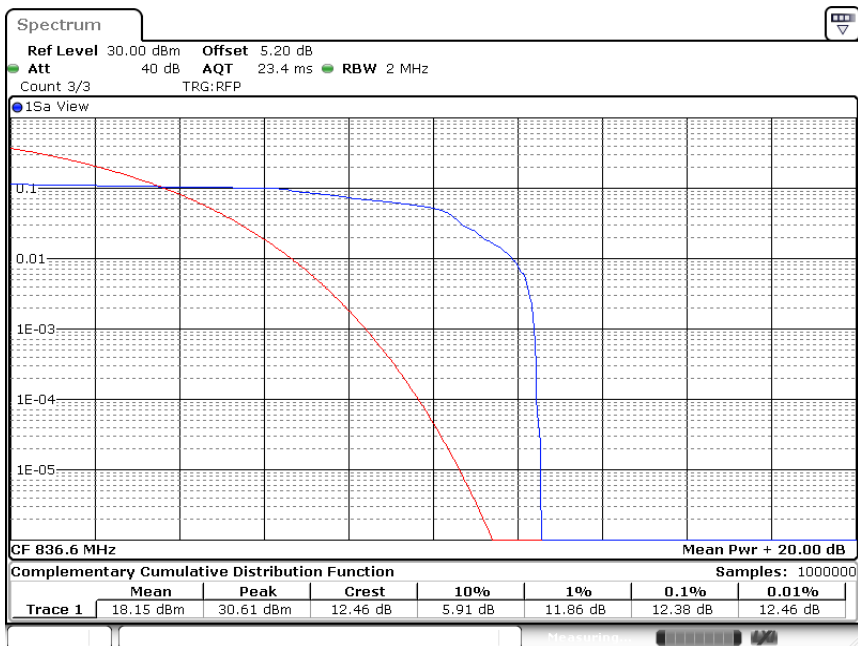


Date: 1 DEC 2020 11:02:40



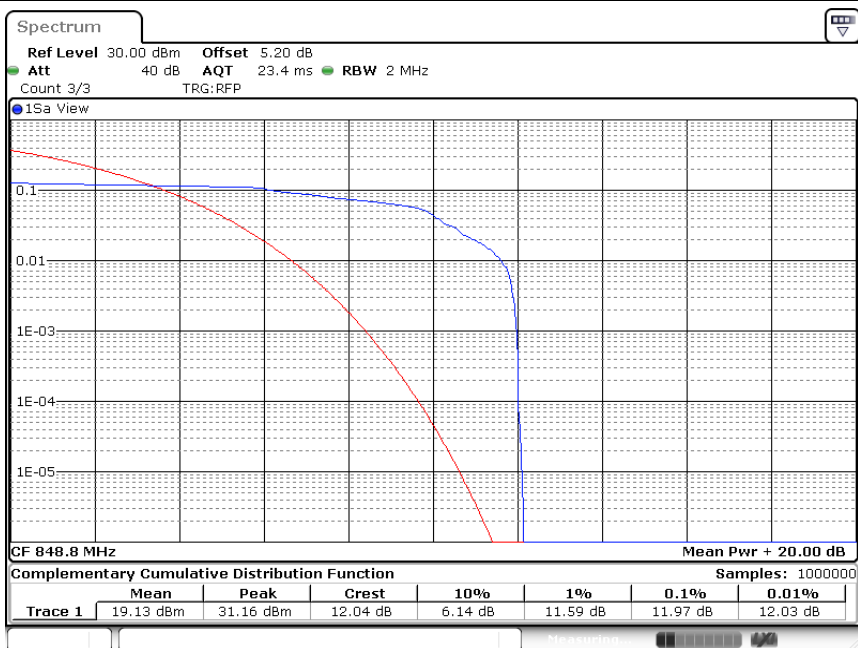


## EGPRS850-190



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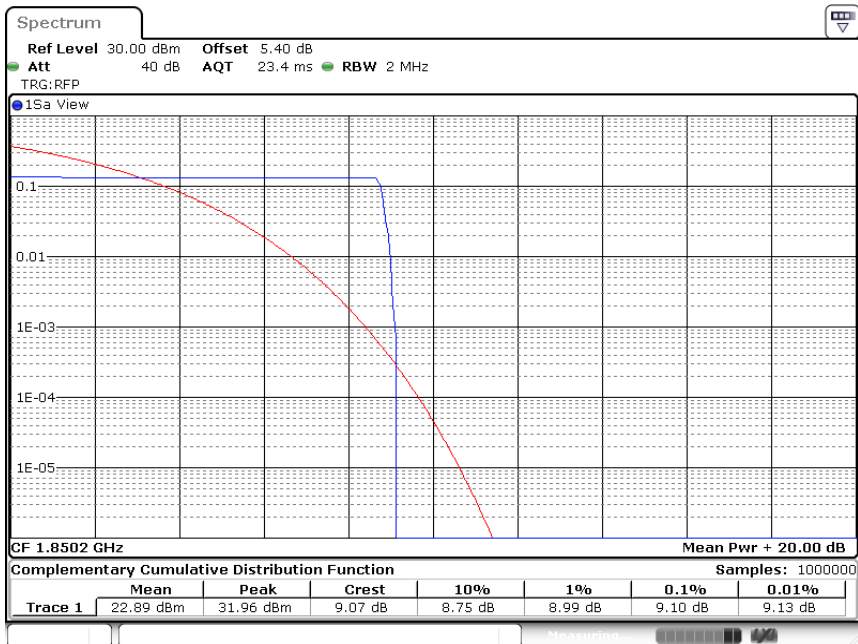
## EGPRS850-251



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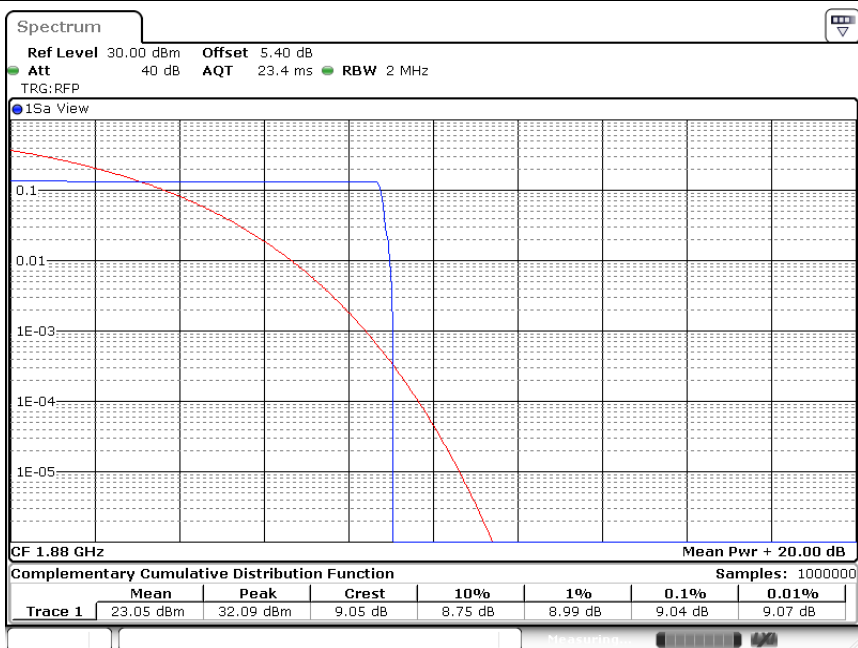


## GSM1900-512



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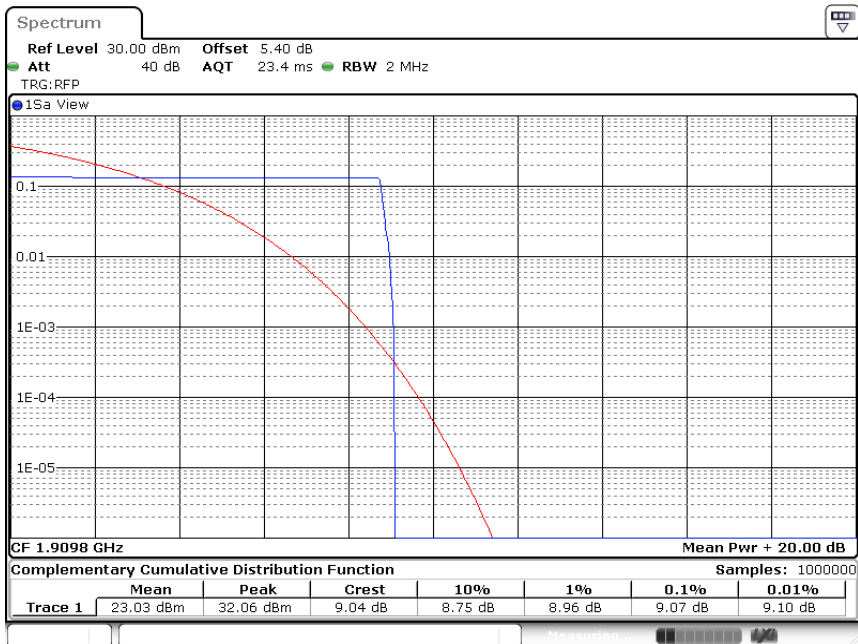
## GSM1900-661



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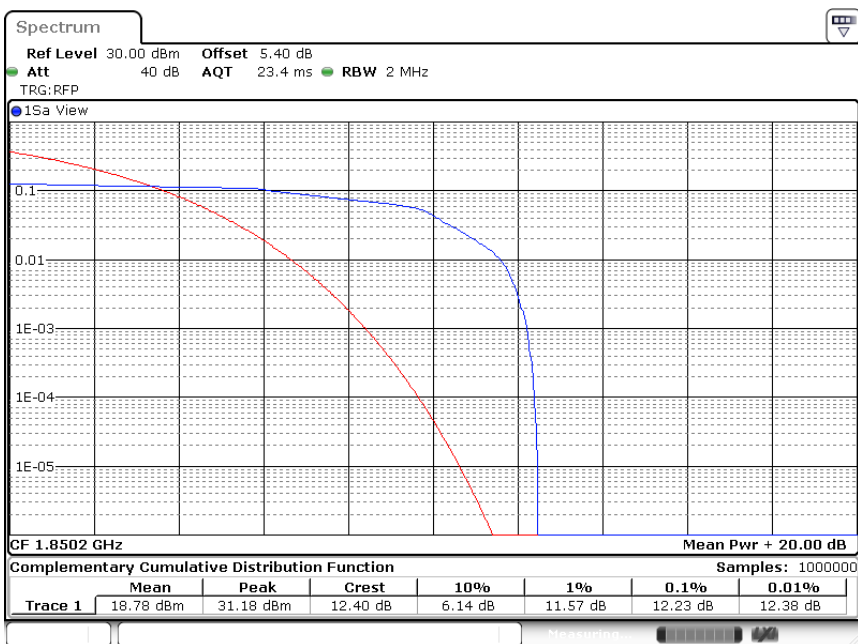


## GSM1900-810



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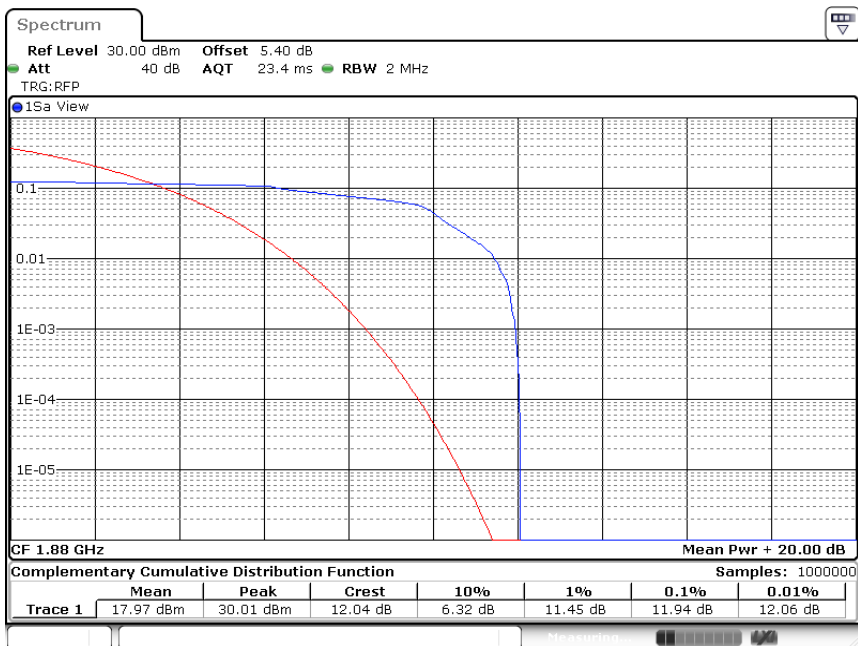
## EGPRS1900-512



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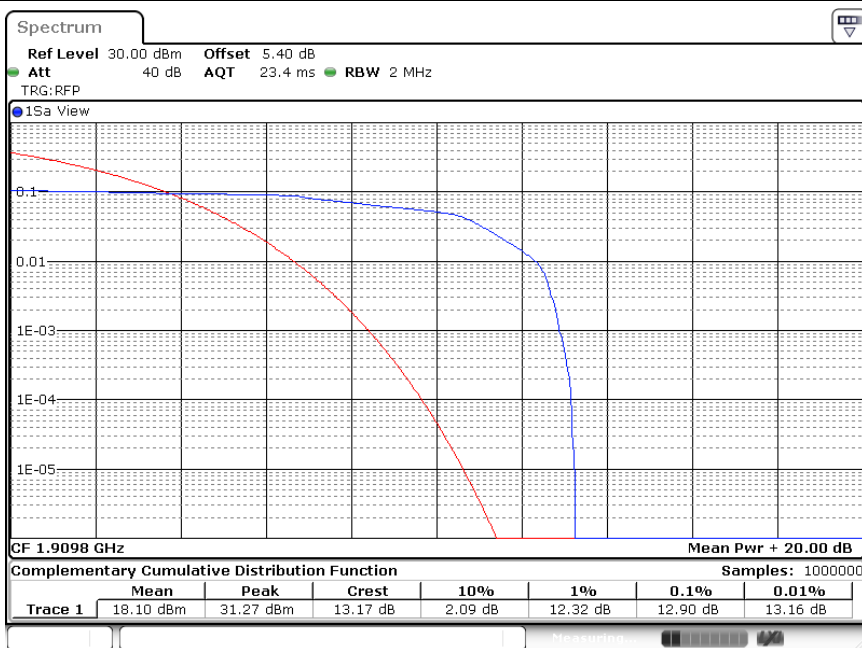


## EGPRS1900-661



Date: 1 DEC 2020 10:08:41

## EGPRS1900-810



Date: 15 DEC 2020 17:07:08





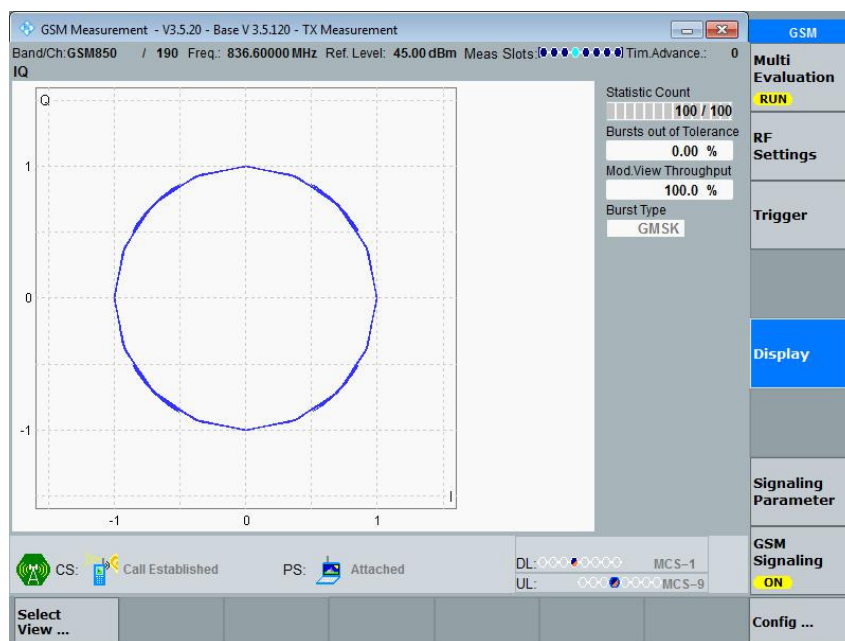
### 3. Modulation Characteristics

#### 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

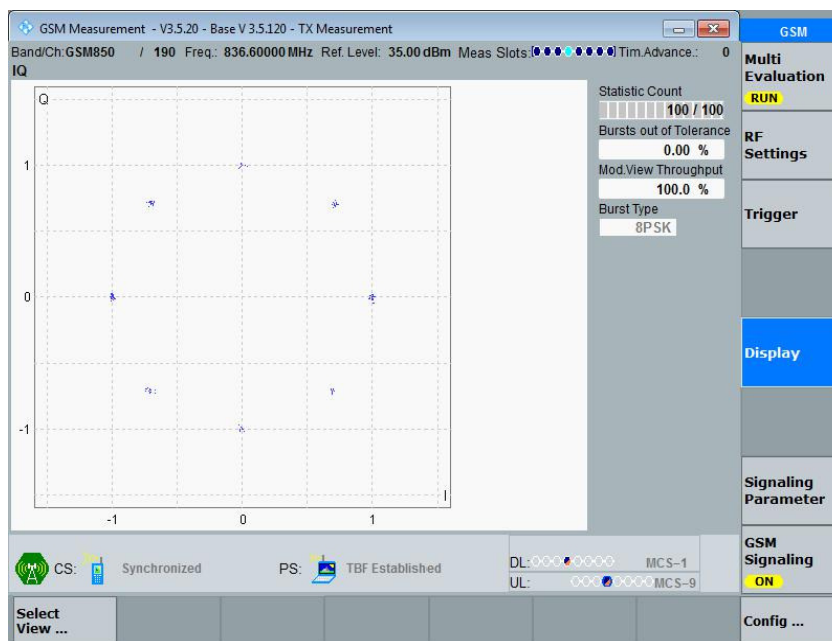


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### 3.1.1.2. Test Mode = GSM/TM2

#### 3.1.1.2.1. Test Channel = MCH



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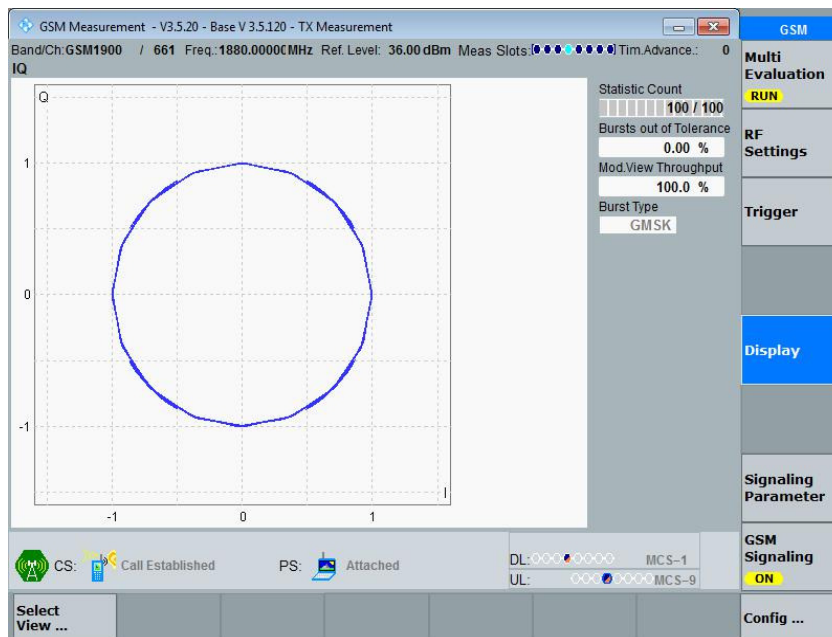
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### 3.1.2. Test Band = GSM 1900

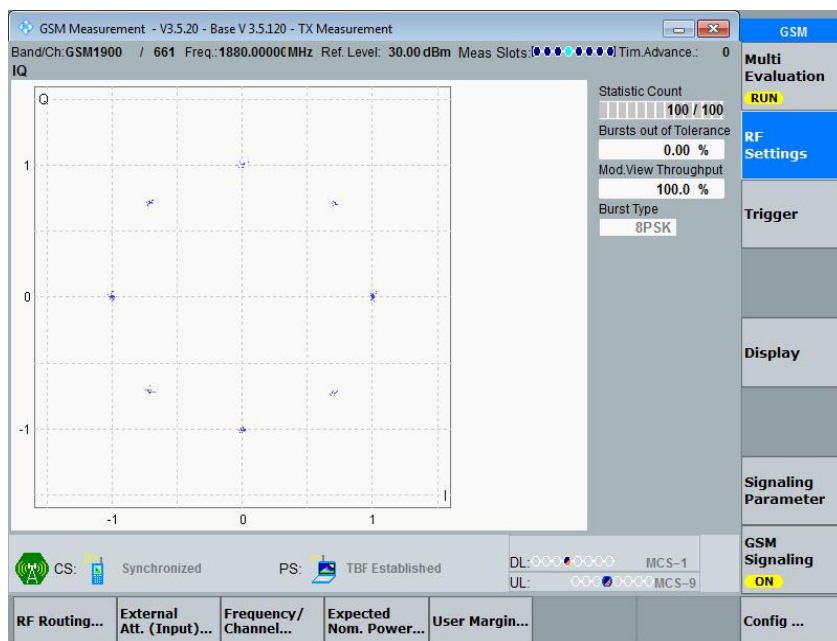
#### 3.1.2.1. Test Mode = GSM/TM1

##### 3.1.2.1.1. Test Channel = MCH



### 3.1.2.2. Test Mode = GSM/TM2

#### 3.1.2.2.1. Test Channel = MCH

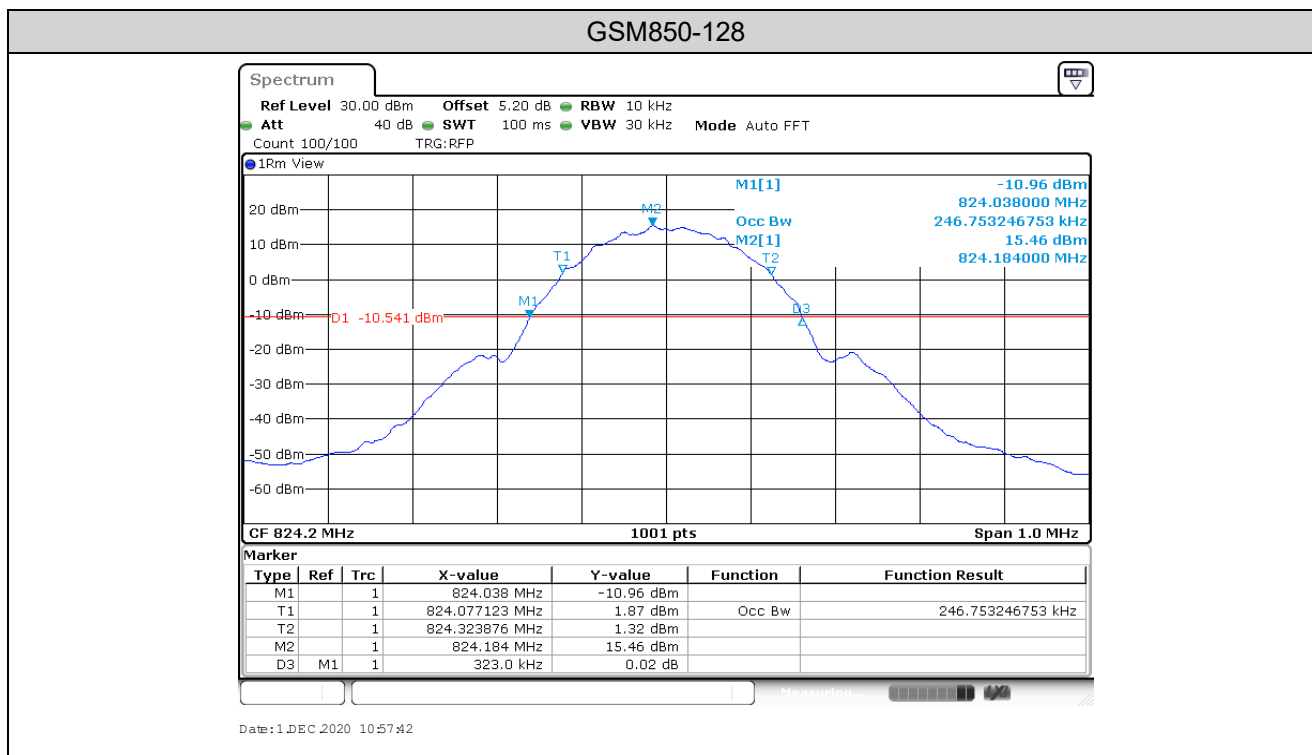


## 4. 26dB Bandwidth and Occupied Bandwidth

### 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	0.324	---	PASS
GSM850	251	0.247	0.323	---	PASS
EGPRS850	128	0.245	0.318	---	PASS
EGPRS850	190	0.245	0.319	---	PASS
EGPRS850	251	0.244	0.318	---	PASS
GSM1900	512	0.248	0.324	---	PASS
GSM1900	661	0.249	0.324	---	PASS
GSM1900	810	0.248	0.324	---	PASS
EGPRS1900	512	0.246	0.318	---	PASS
EGPRS1900	661	0.246	0.317	---	PASS
EGPRS1900	810	0.246	0.320	---	PASS

### 4.2. Test Plots



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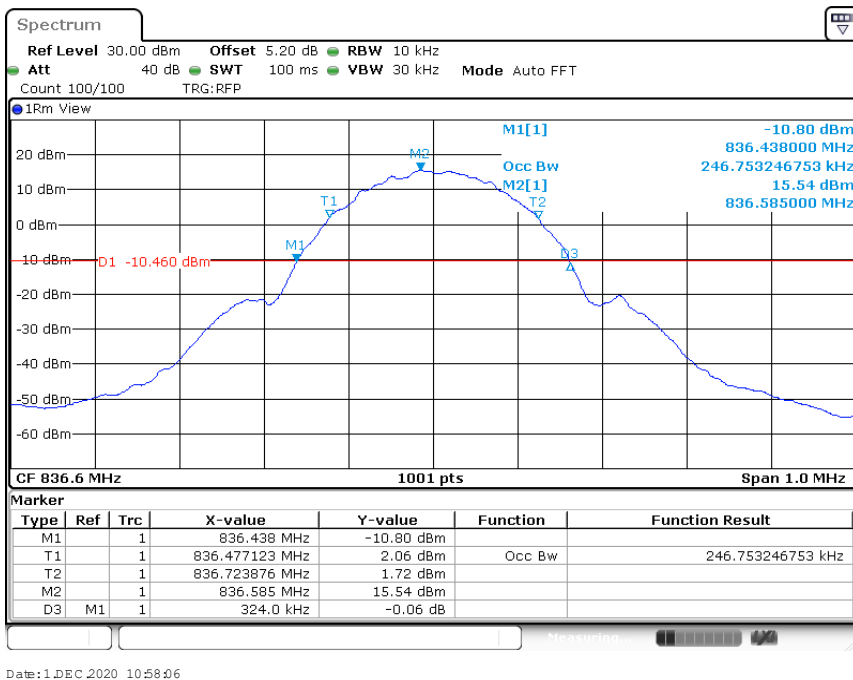
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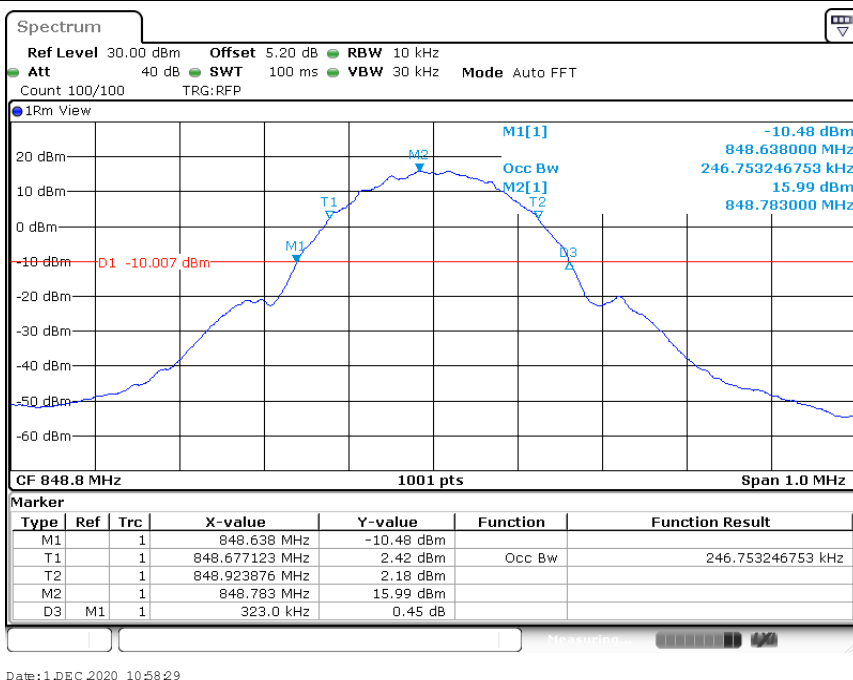
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## GSM850-190



## GSM850-251

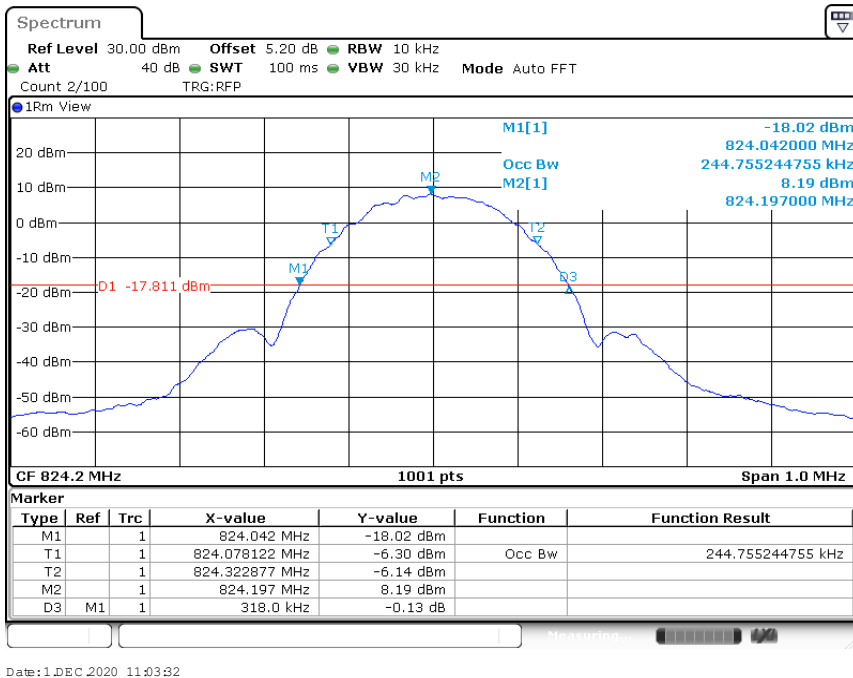


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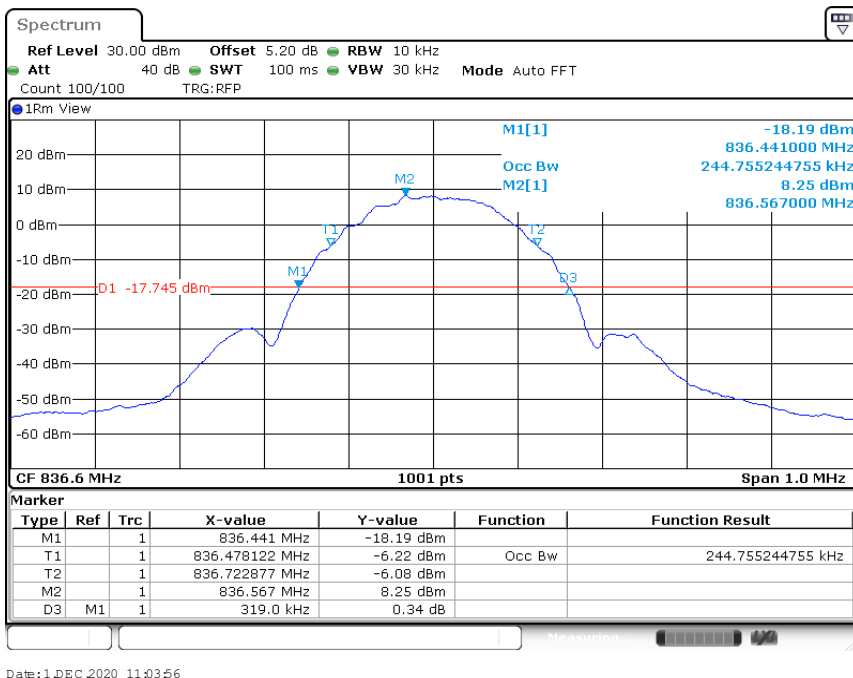
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## EGPRS850-190

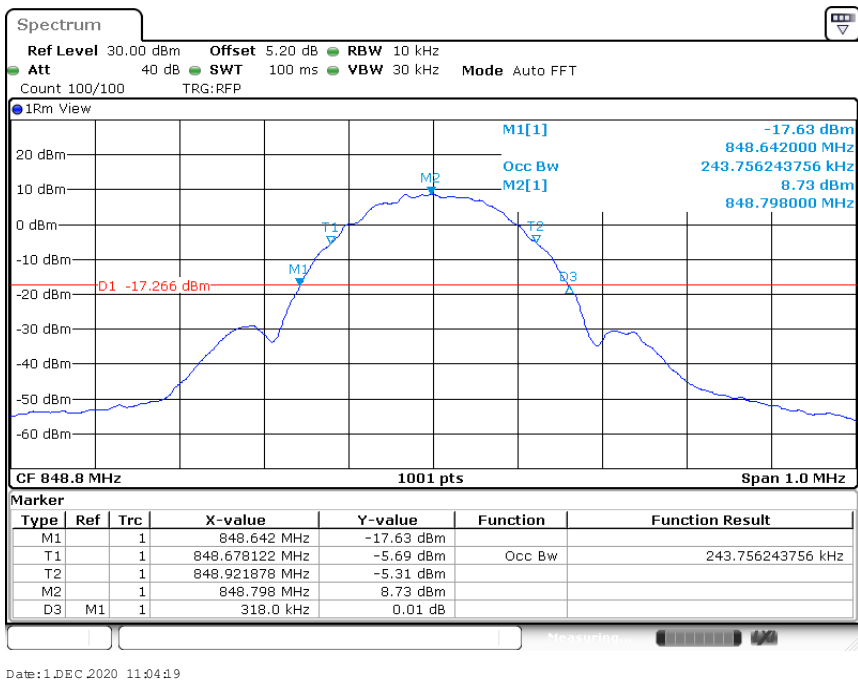


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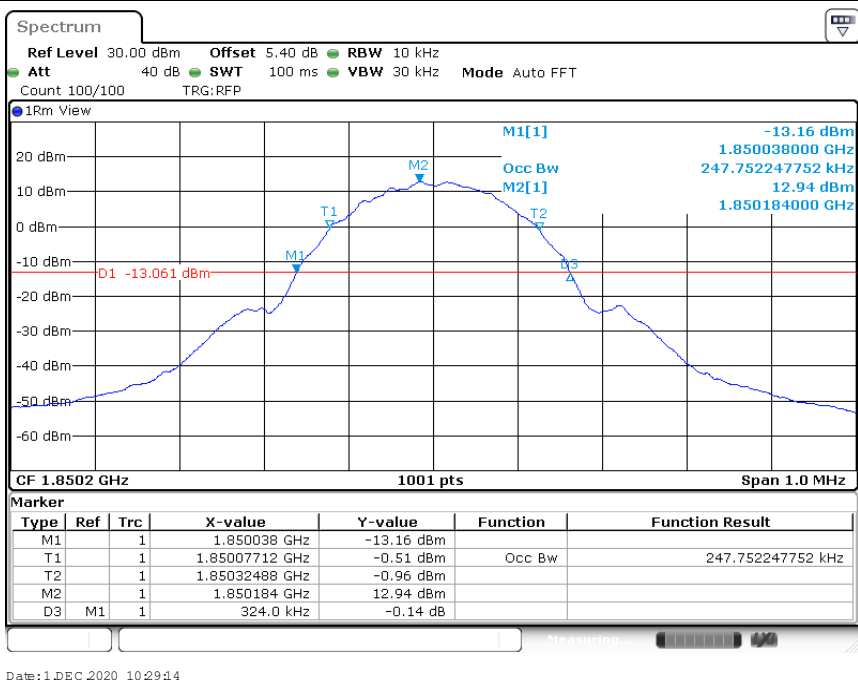
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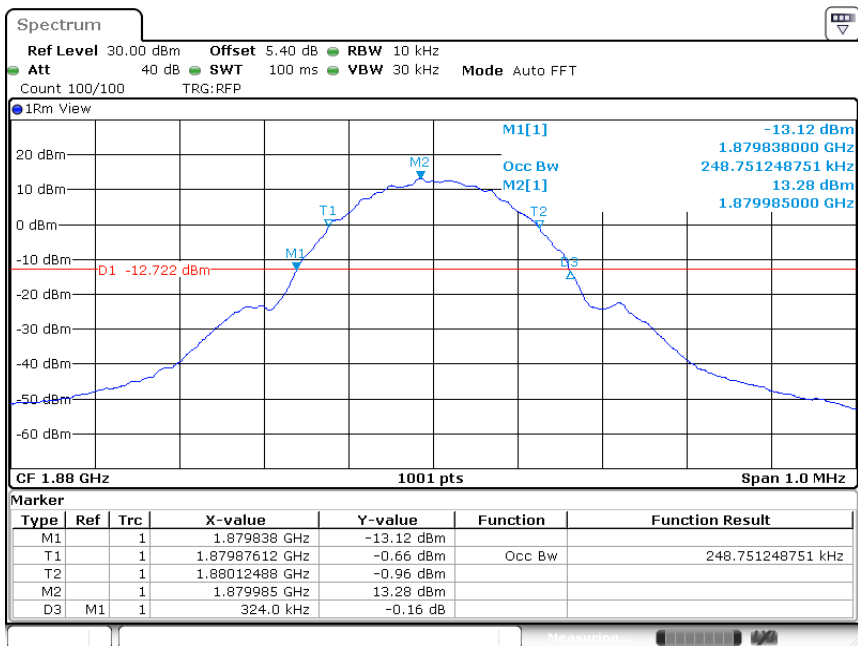
## EGPRS850-251



## GSM1900-512

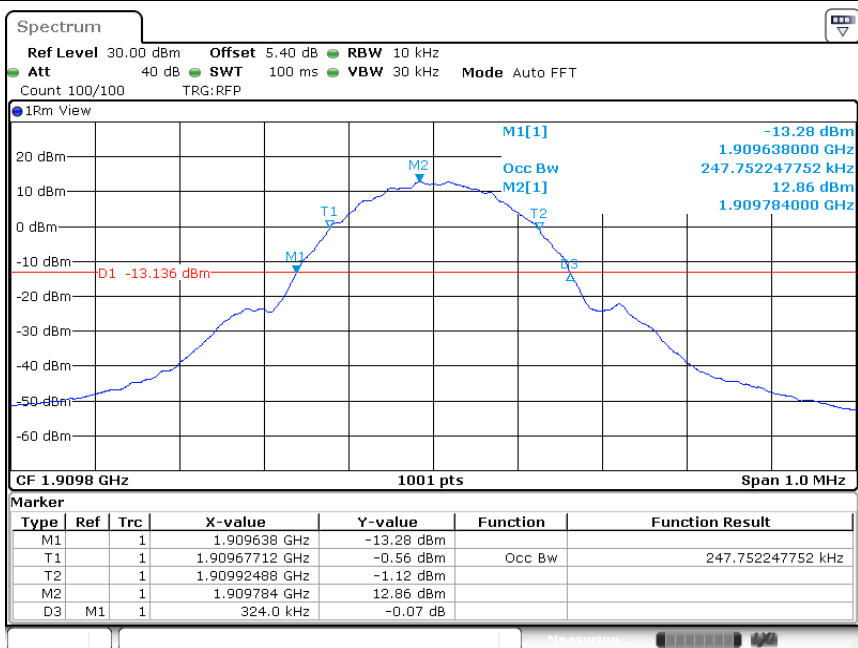


## GSM1900-661



Date: 1 DEC 2020 10:29:37

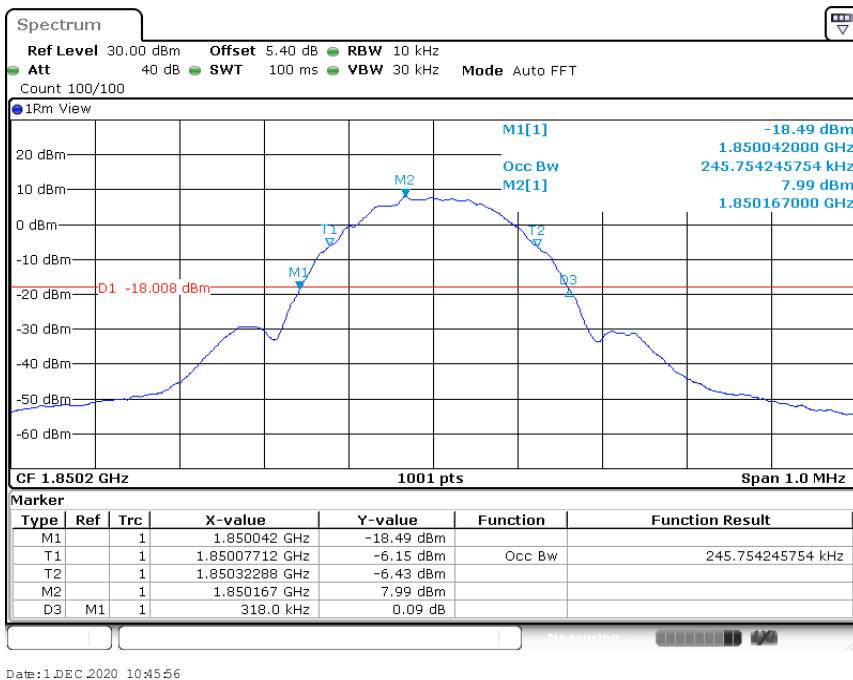
## GSM1900-810



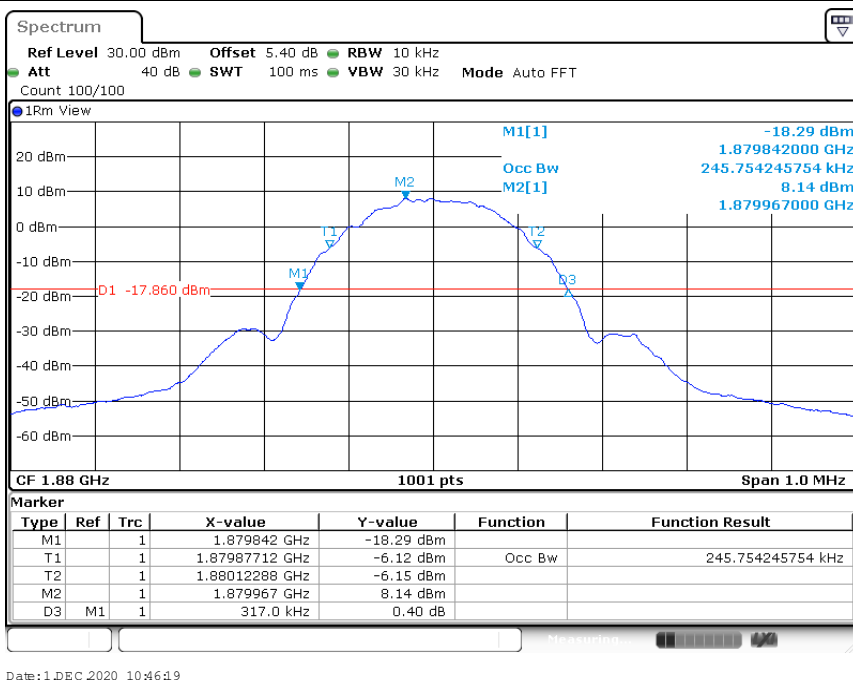
Date: 1 DEC 2020 10:30:01

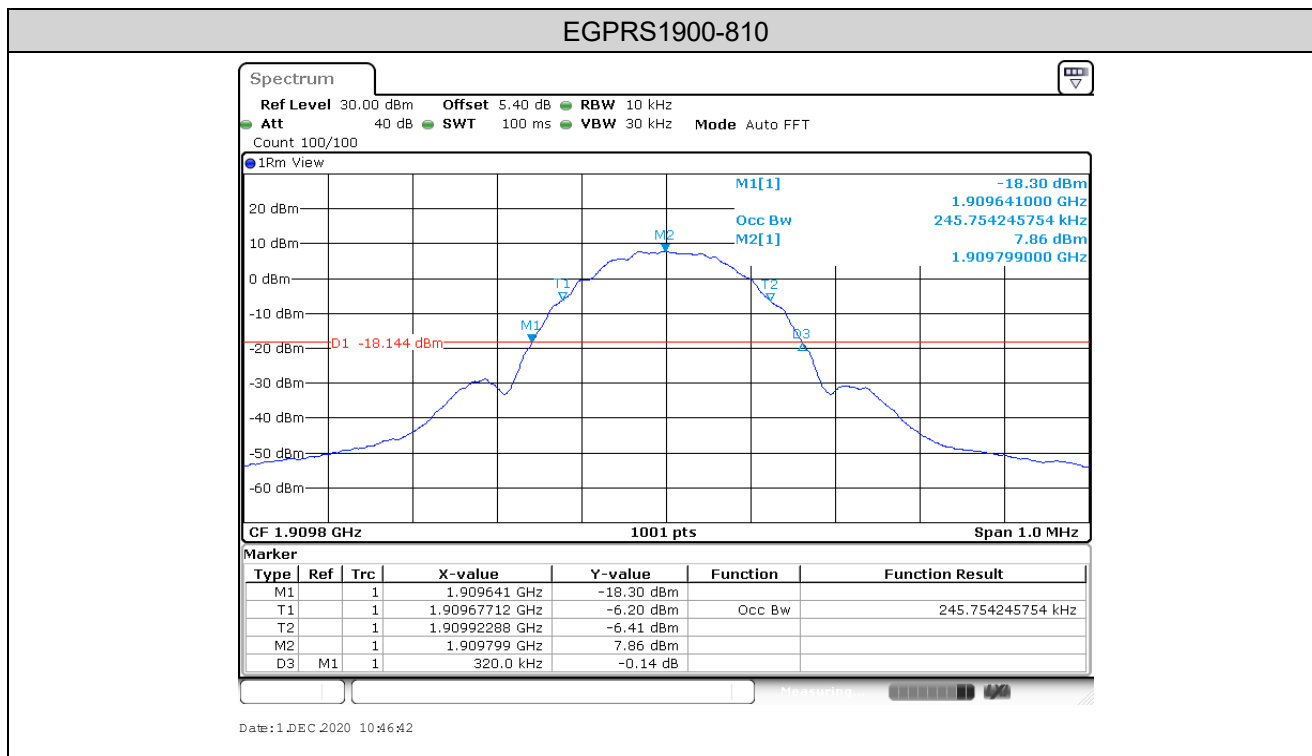


## EGPRS1900-512



## EGPRS1900-661





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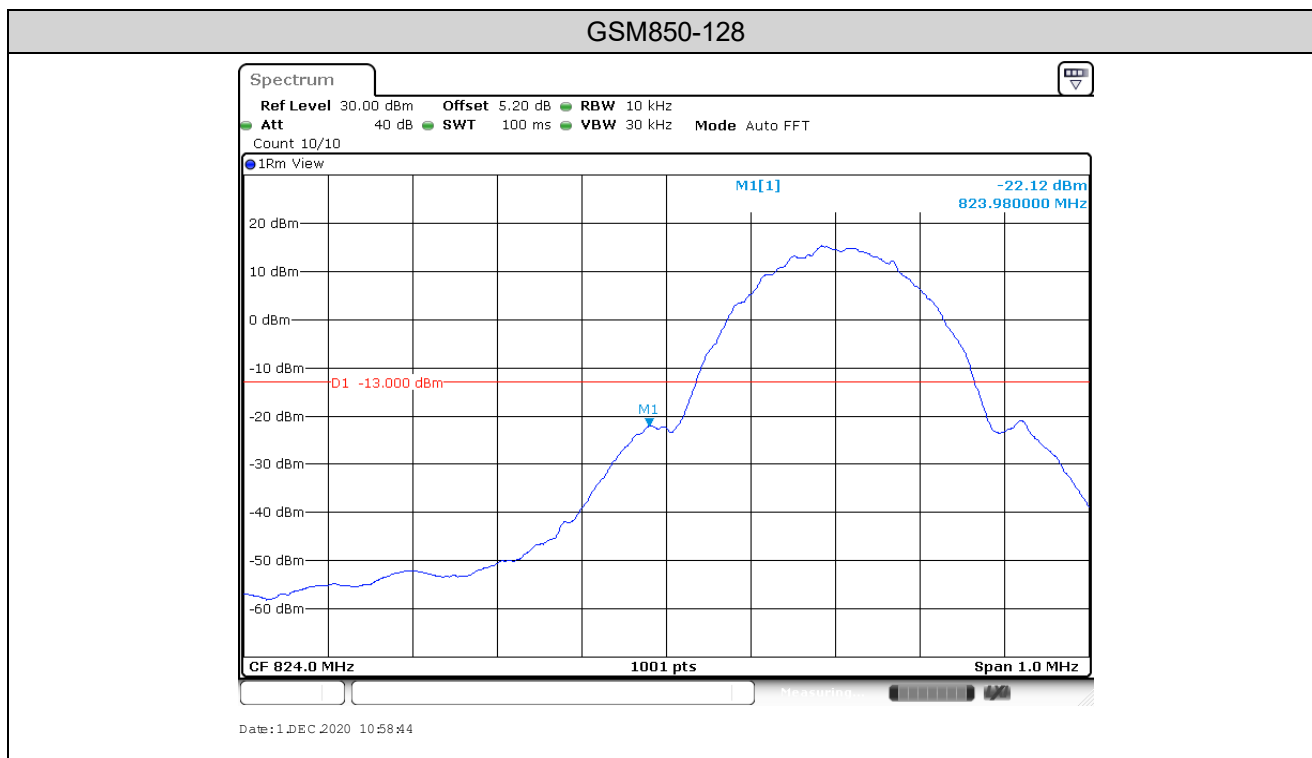
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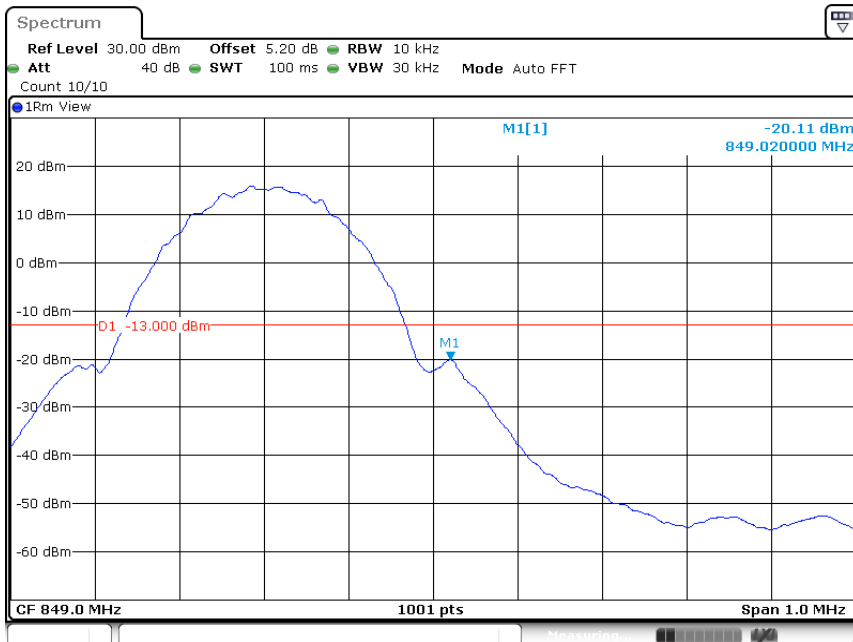


## 5. Band Edge Compliance

### 5.1. Test Plots

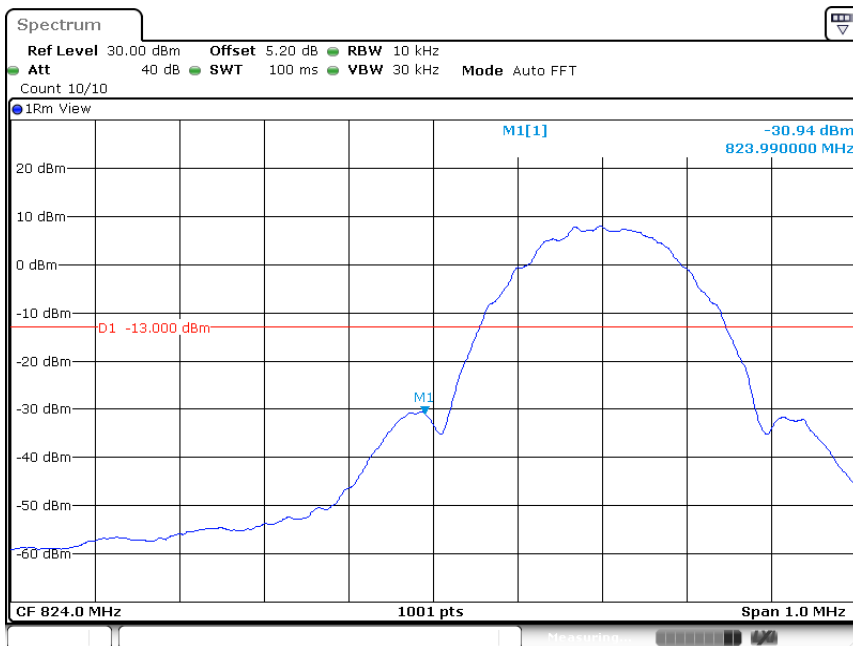


## GSM850-251



Date: 1 DEC 2020 10:58:58

## EGPRS850-128



Date: 1 DEC 2020 11:04:34



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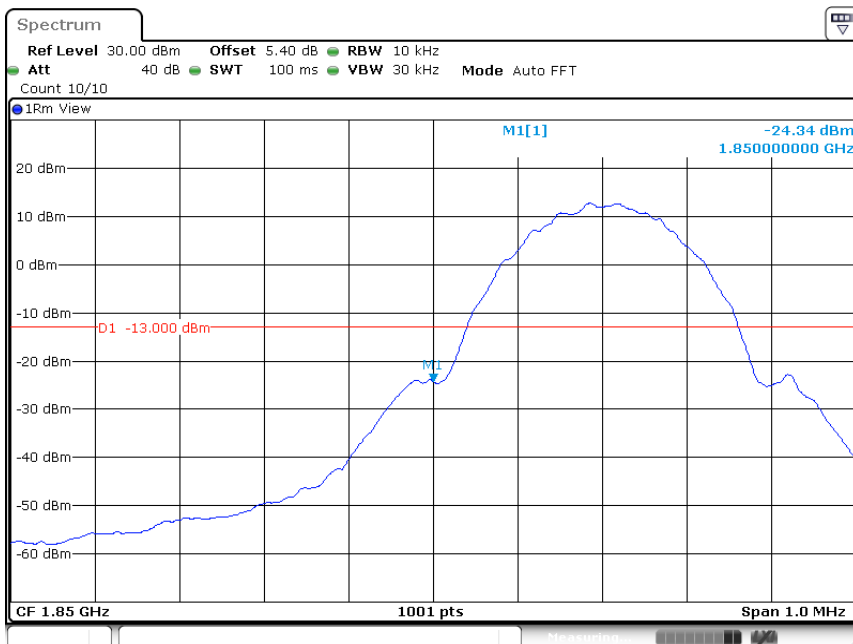
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## EGPRS850-251



Date: 1 DEC 2020 11:04:48

## GSM1900-512



Date: 1 DEC 2020 10:37:05



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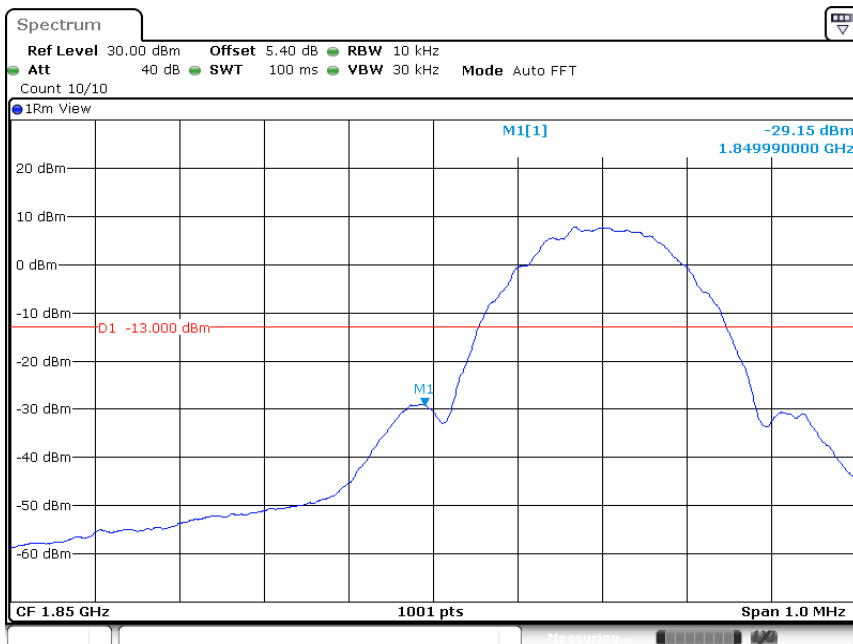
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### GSM1900-810



Date: 1 DEC 2020 10:37:20

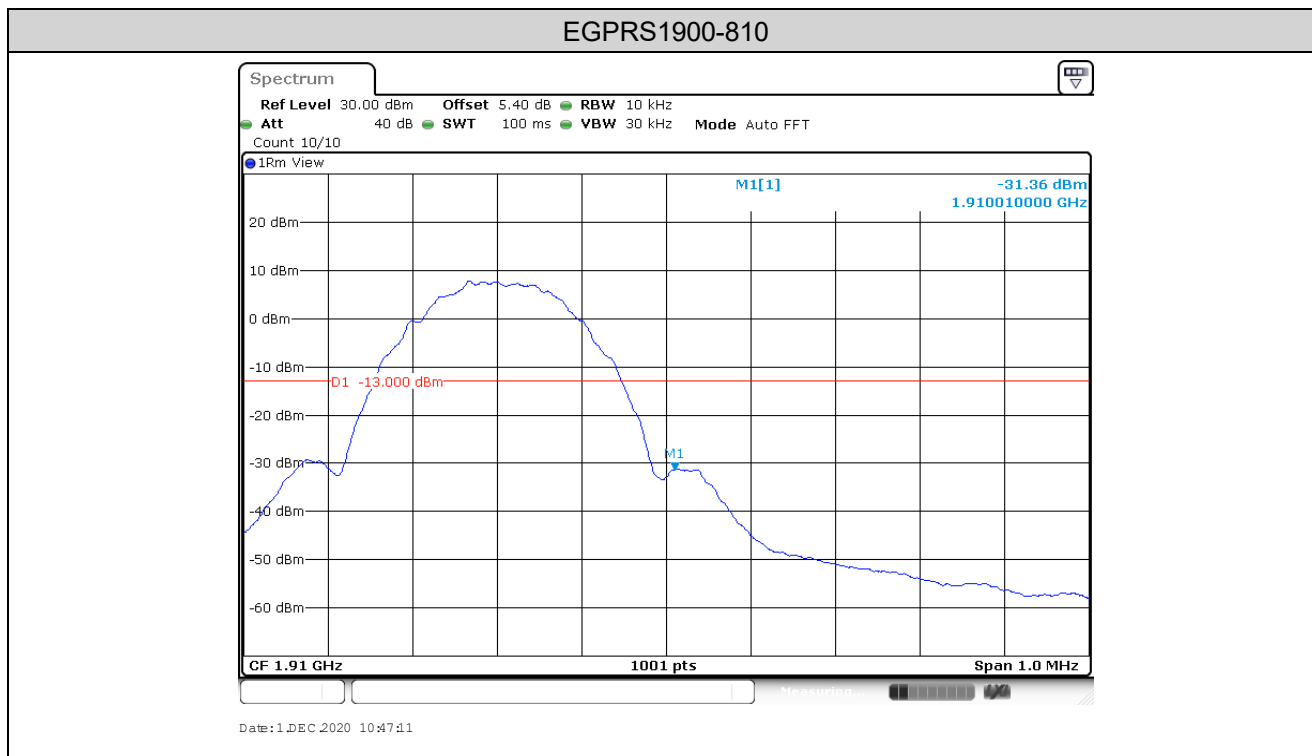
### EGPRS1900-512



Date: 1 DEC 2020 10:46:57



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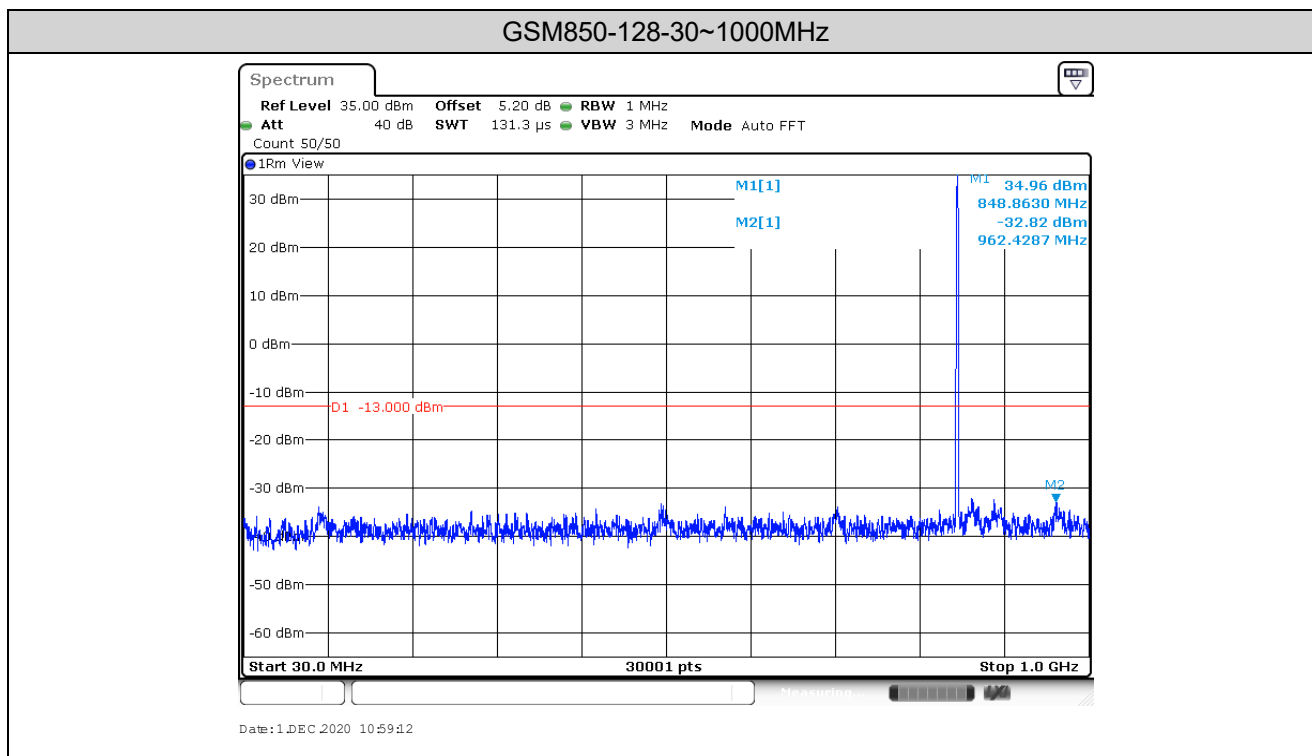


## 6. Spurious Emission at Antenna Terminal

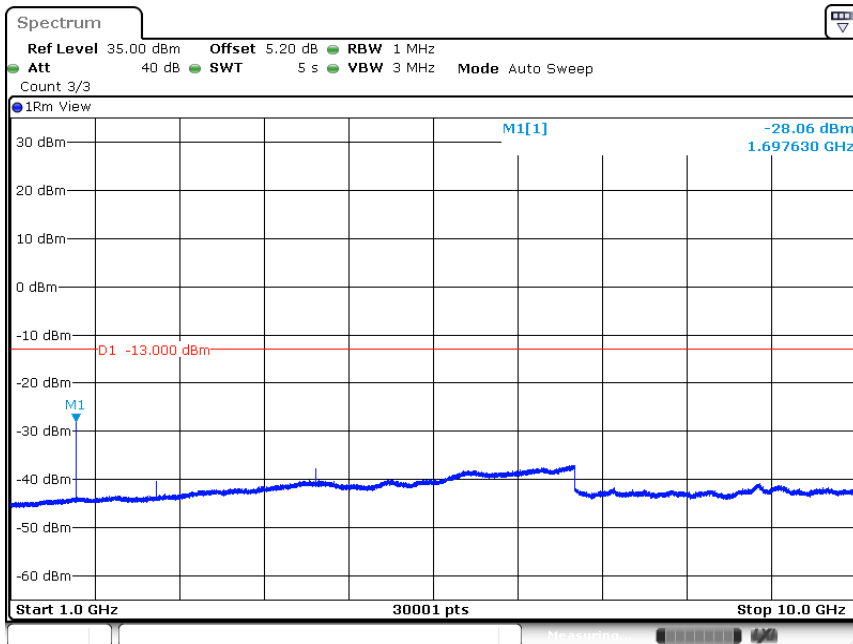
Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of  $< RBW/2$  so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points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

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

### 6.1. Test Plots

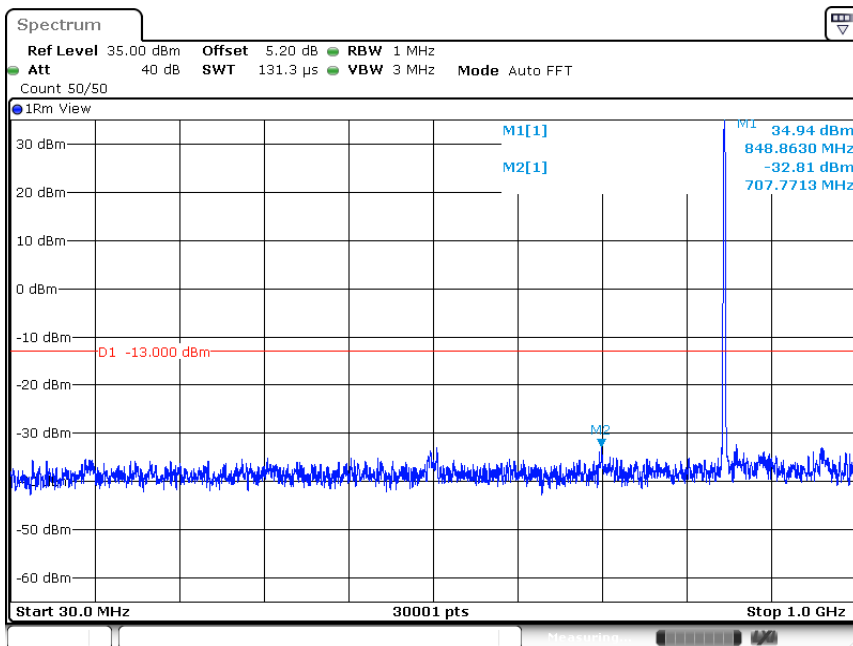


## GSM850-128-1000~10000MHz



Date: 1 DEC 2020 10:59:37

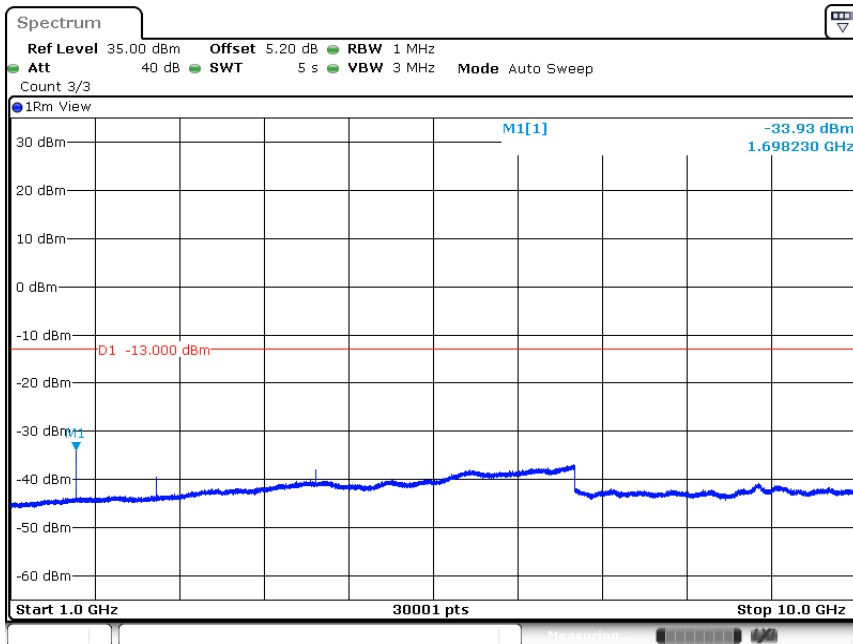
## GSM850-190-30~1000MHz



Date: 1 DEC 2020 10:59:50

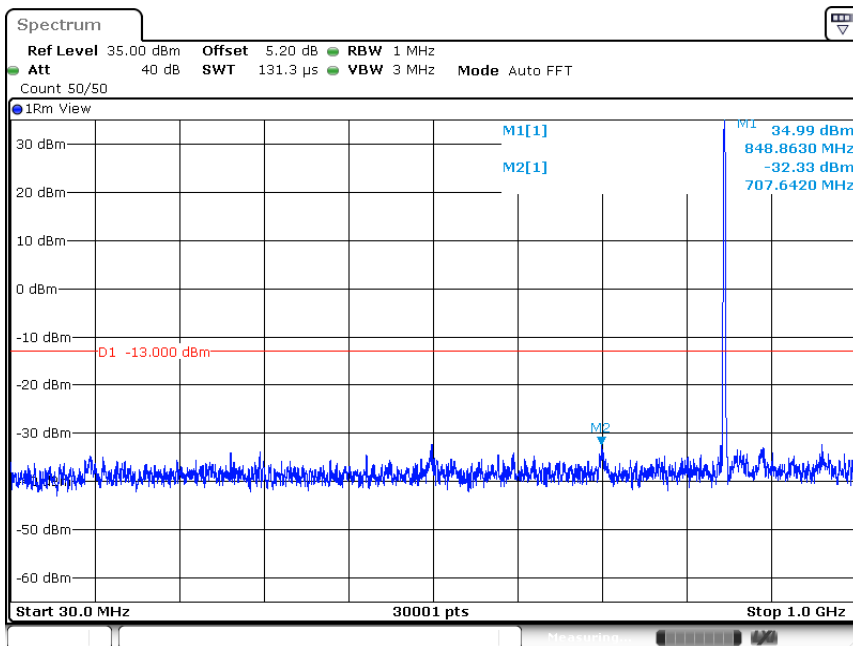


## GSM850-190-1000~10000MHz



Date: 1 DEC 2020 11:00:15

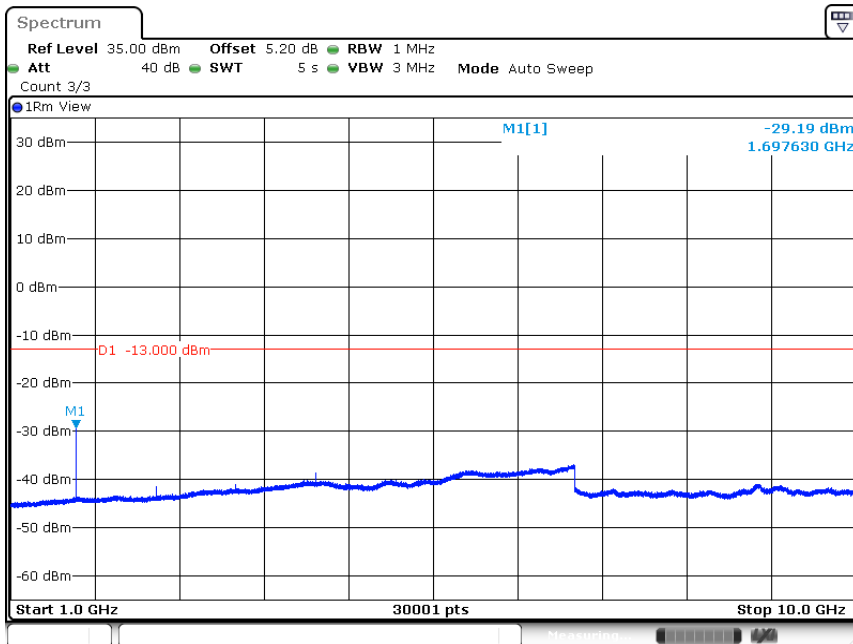
## GSM850-251-30~1000MHz



Date: 1 DEC 2020 11:00:29

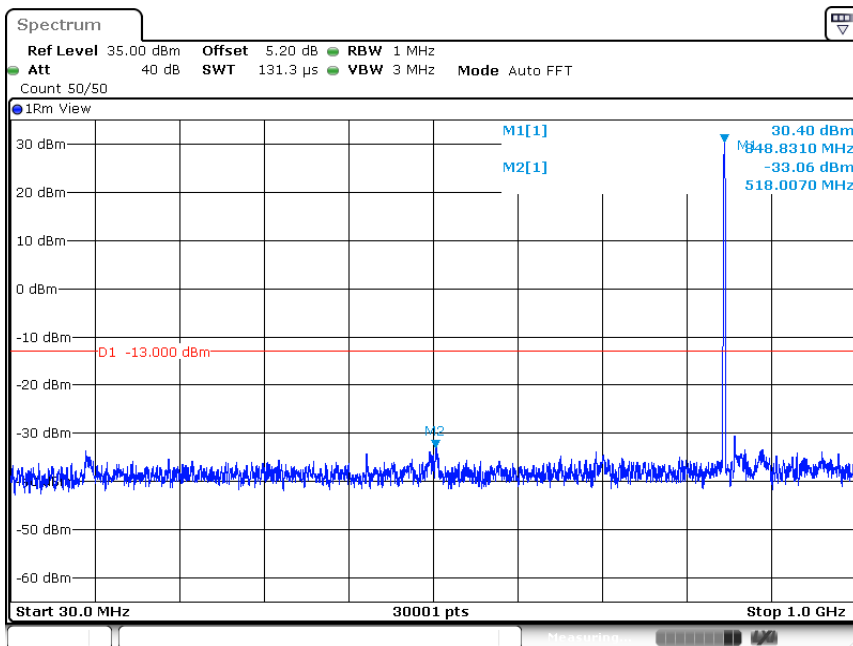


## GSM850-251-1000~10000MHz



Date: 1 DEC 2020 11:00:53

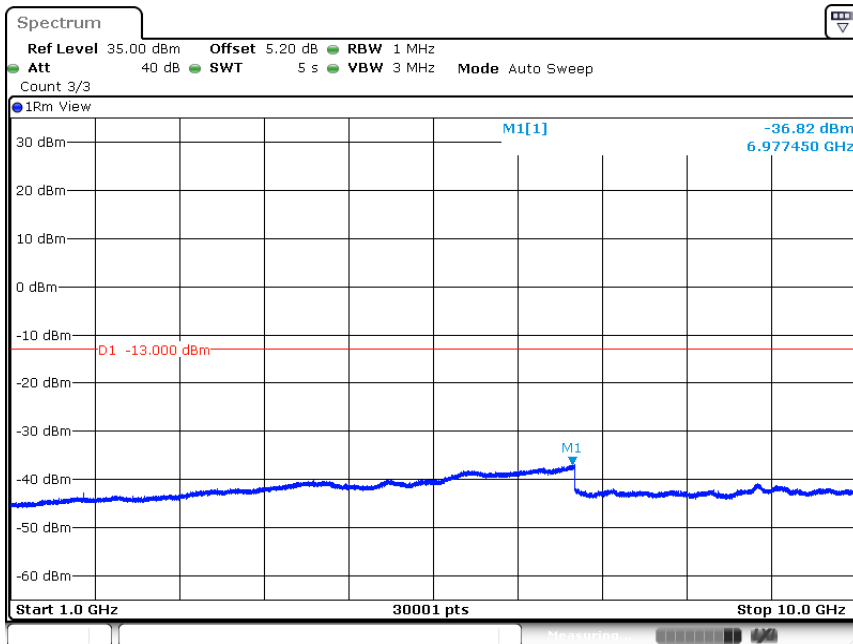
## EGPRS850-128-30~1000MHz



Date: 1 DEC 2020 11:05:02

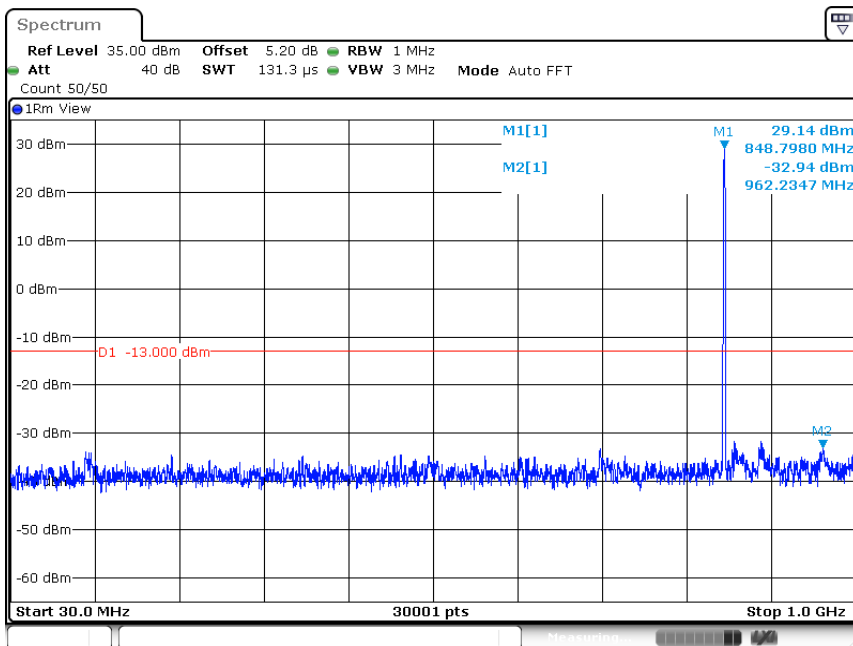


**EGPRS850-128-1000~10000MHz**



Date: 1 DEC 2020 11:05:26

**EGPRS850-190-30~1000MHz**



Date: 1 DEC 2020 11:05:40

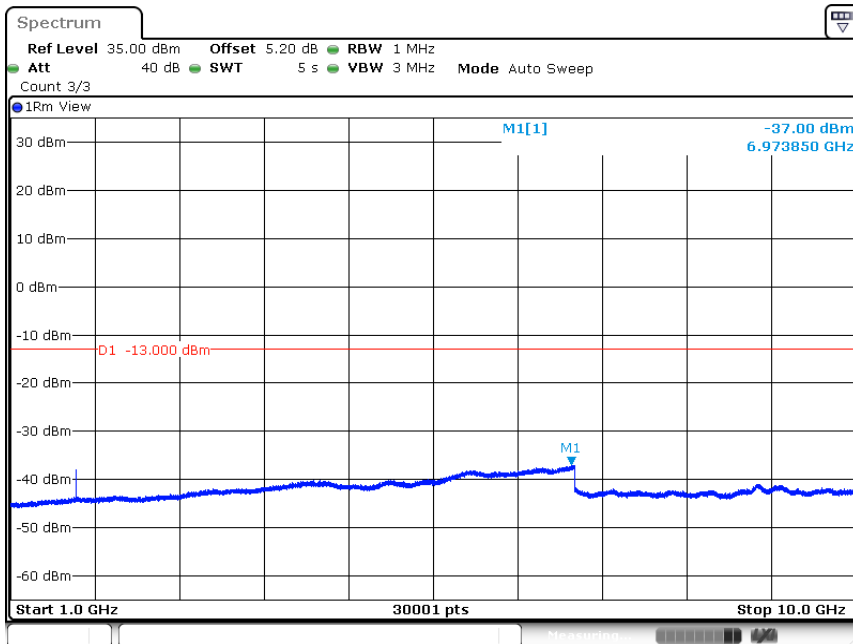


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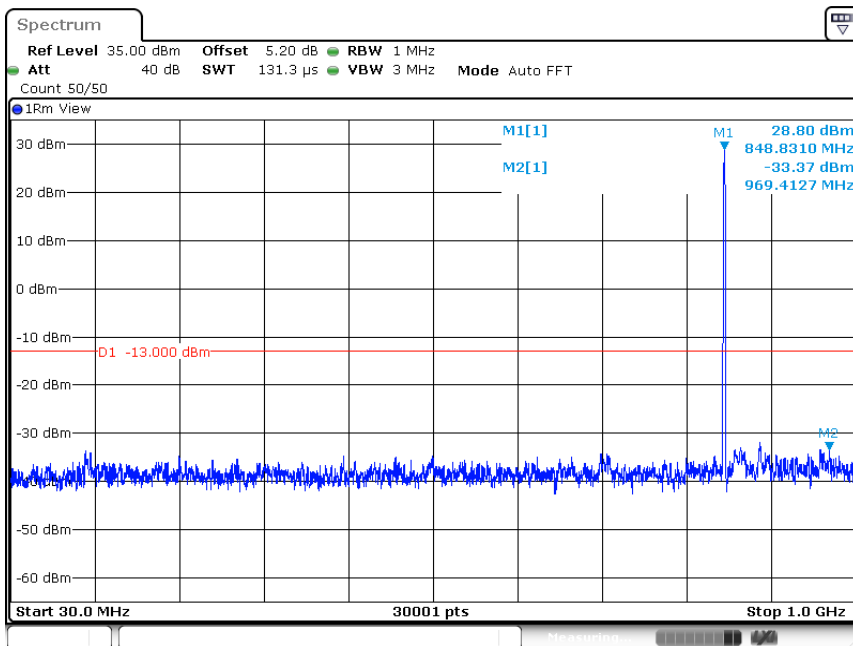


## EGPRS850-190-1000~10000MHz



Date: 1 DEC 2020 11:06:04

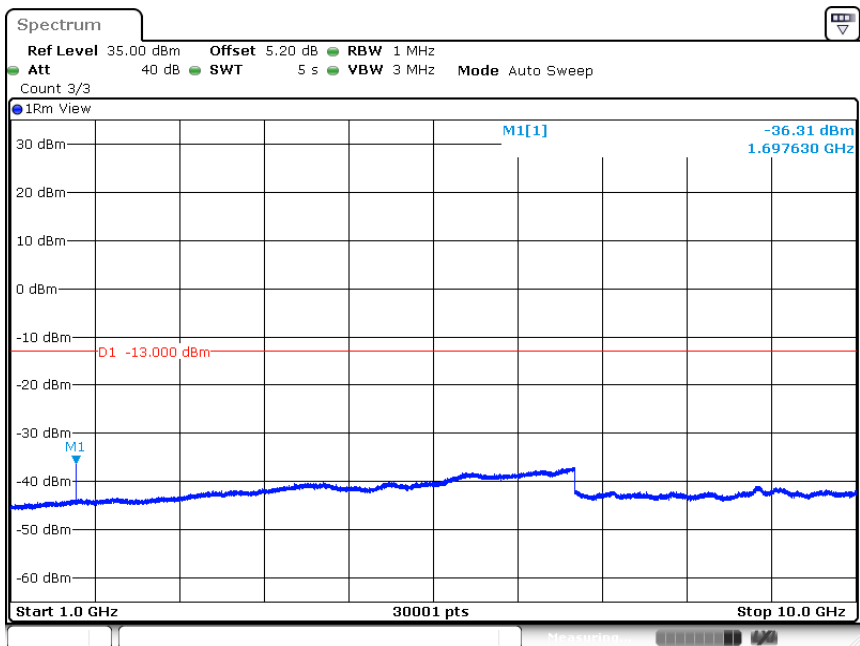
## EGPRS850-251-30~1000MHz



Date: 1 DEC 2020 11:06:18

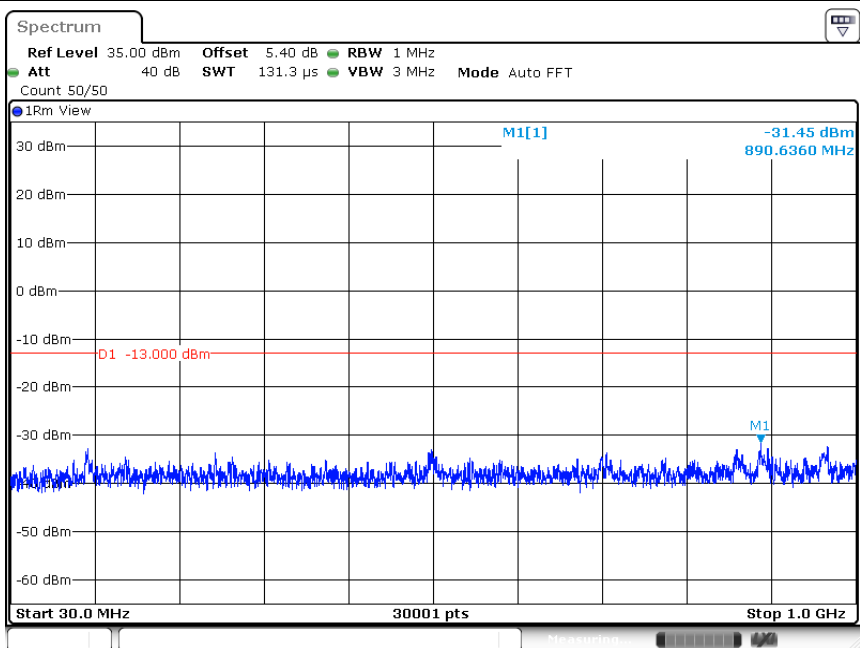


**EGPRS850-251-1000~10000MHz**



Date: 1 DEC 2020 11:06:42

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



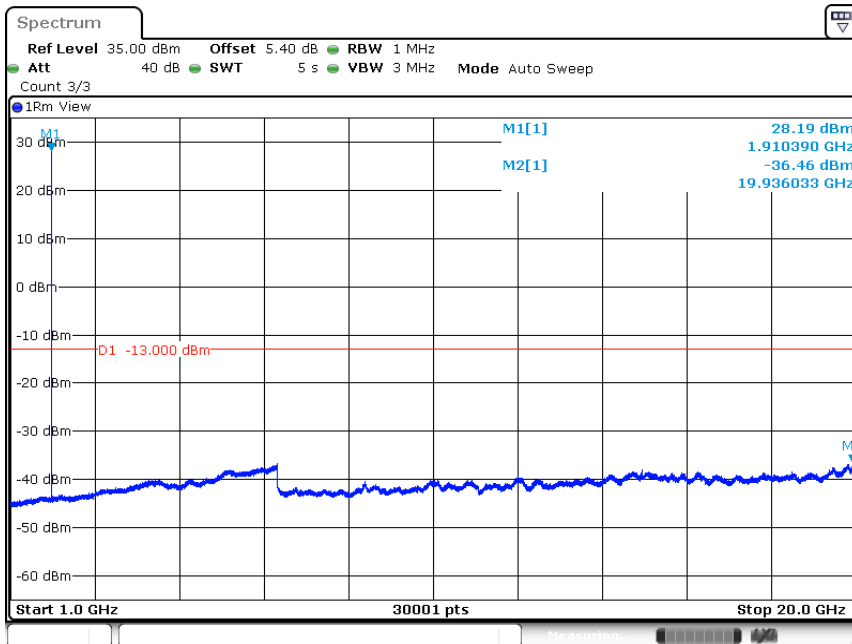
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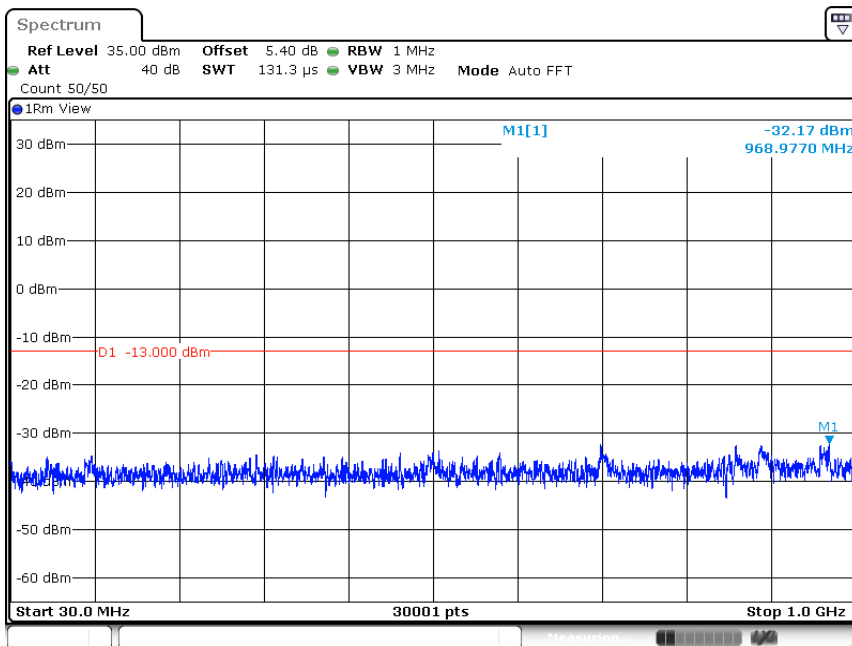
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**GSM1900-512-1000~20000MHz**



Date: 1 DEC 2020 10:38:31

**GSM1900-661-30~1000MHz**



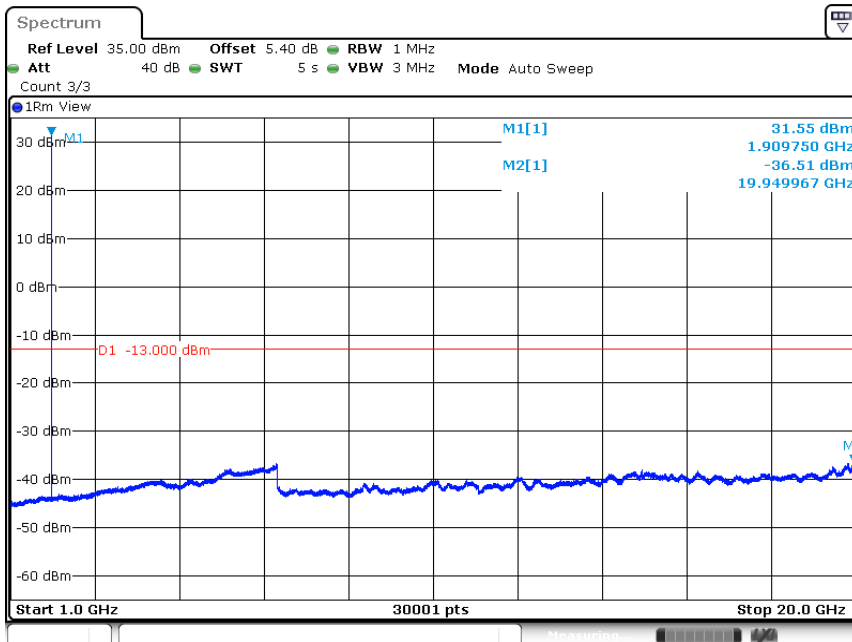
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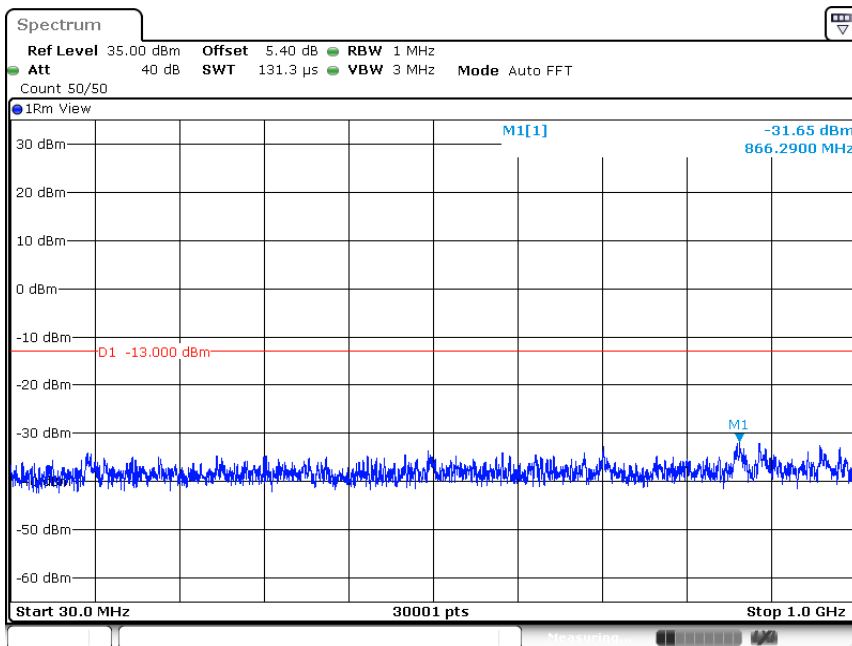
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## GSM1900-661-1000~20000MHz



Date: 1 DEC 2020 10:39:09

## GSM1900-810-30~1000MHz



Date: 1 DEC 2020 10:39:22

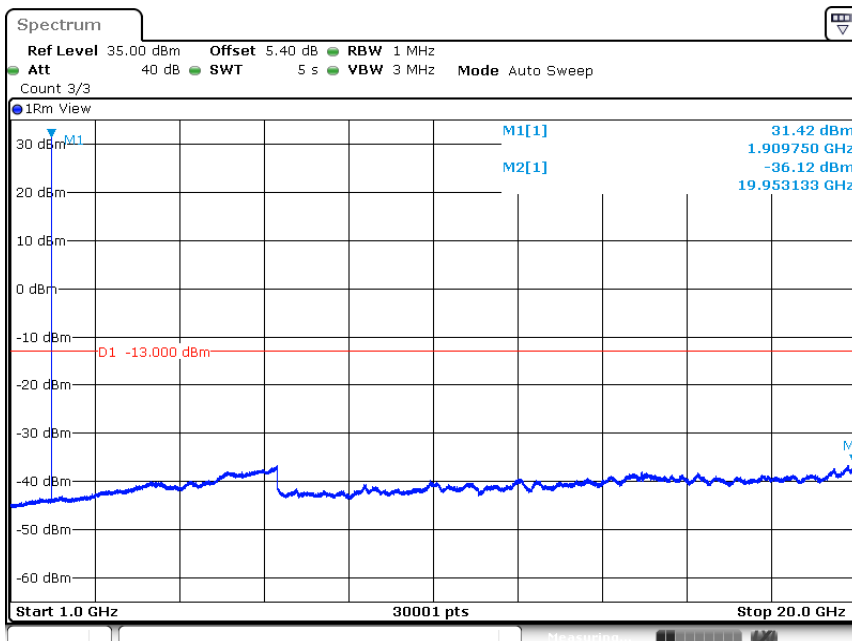


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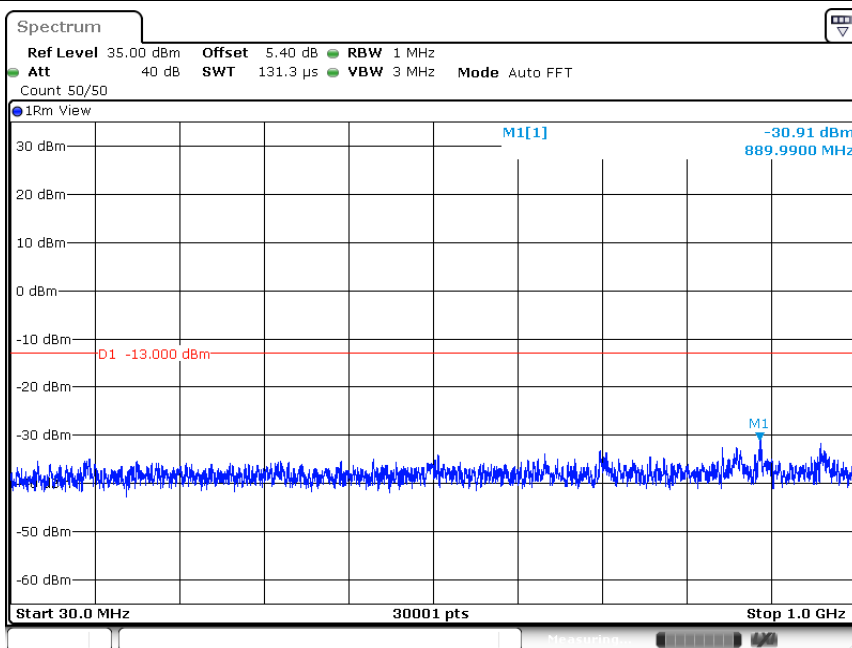
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## GSM1900-810-1000~20000MHz



Date: 1 DEC 2020 10:40:03

## EGPRS1900-512-30~1000MHz

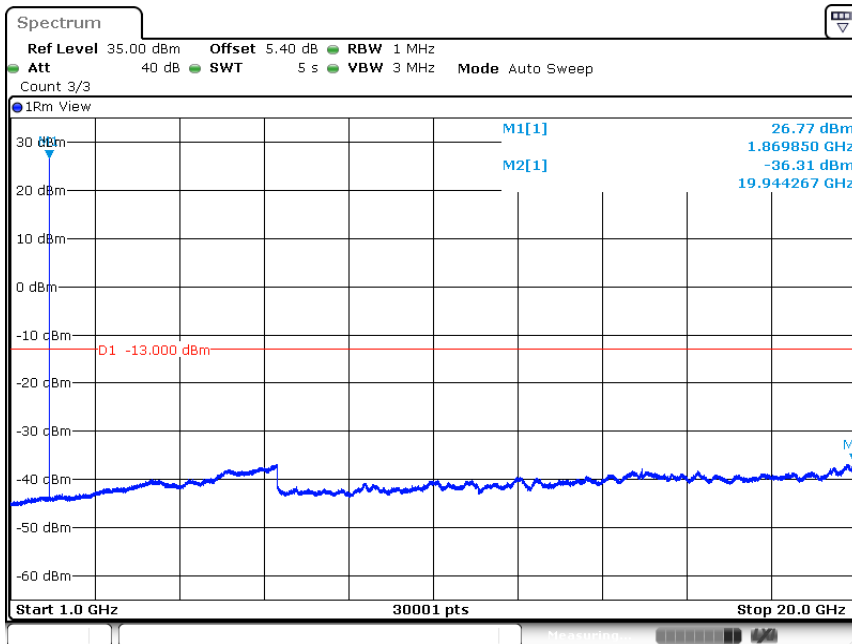


Date: 1 DEC 2020 10:53:31



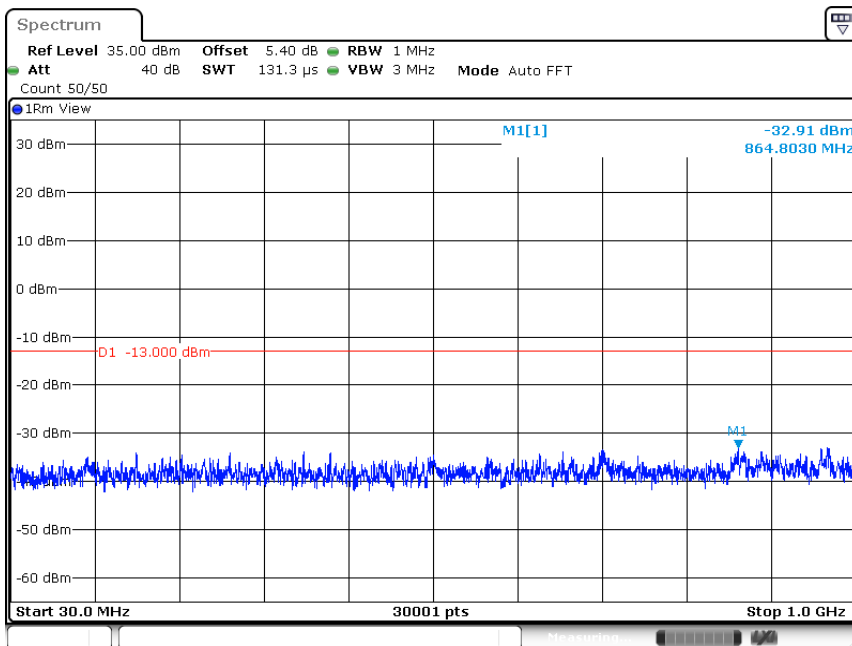


**EGPRS1900-512-1000~20000MHz**



Date: 1 DEC 2020 10:54:06

**EGPRS1900-661-30~1000MHz**



Date: 1 DEC 2020 10:54:19

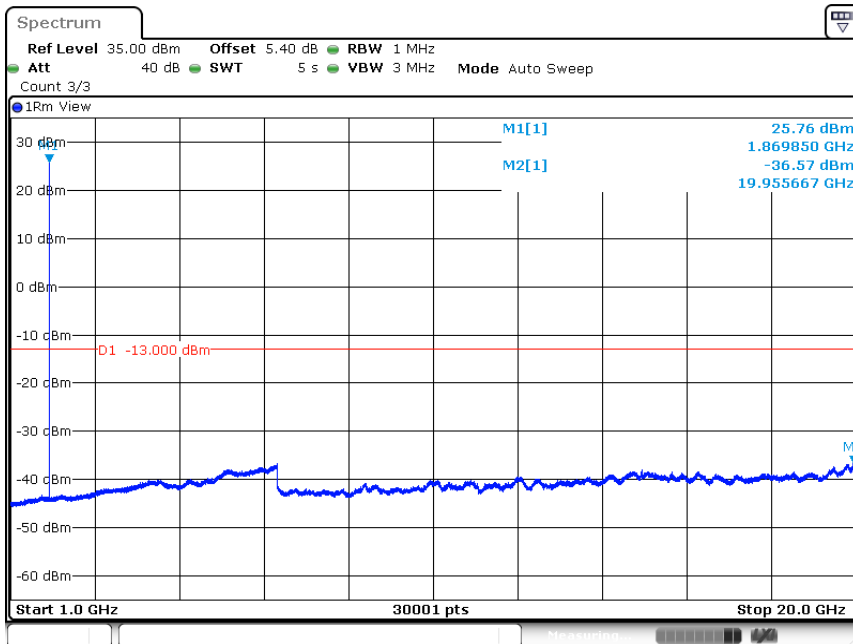


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SGS-CSTC Standards Technical Services Co., Ltd.  
Shenzhen Branch (CCC Laboratory)

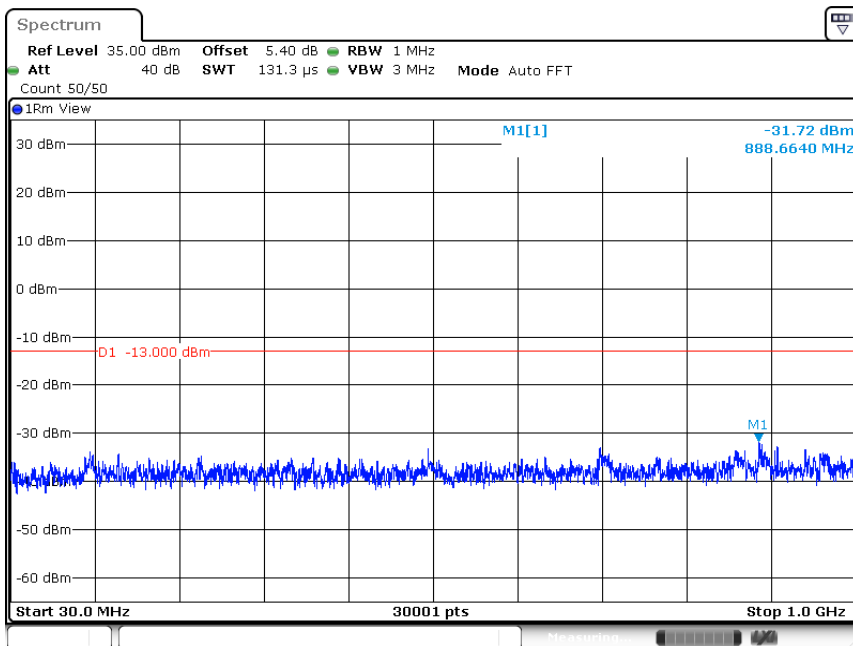
No.1 Workshop, M-10, Middle Section, Science & Technology Park, Shenzhen, China 518057 t (86-755) 26012053 f (86-755) 26710594 www.sgsgroup.com.cn  
中国·深圳·科技园中区M-10栋一号厂房 邮编: 518057 t (86-755) 26012053 f (86-755) 26710594 sgs.china@sgs.com

**EGPRS1900-661-1000~20000MHz**



Date: 1 DEC 2020 10:54:44

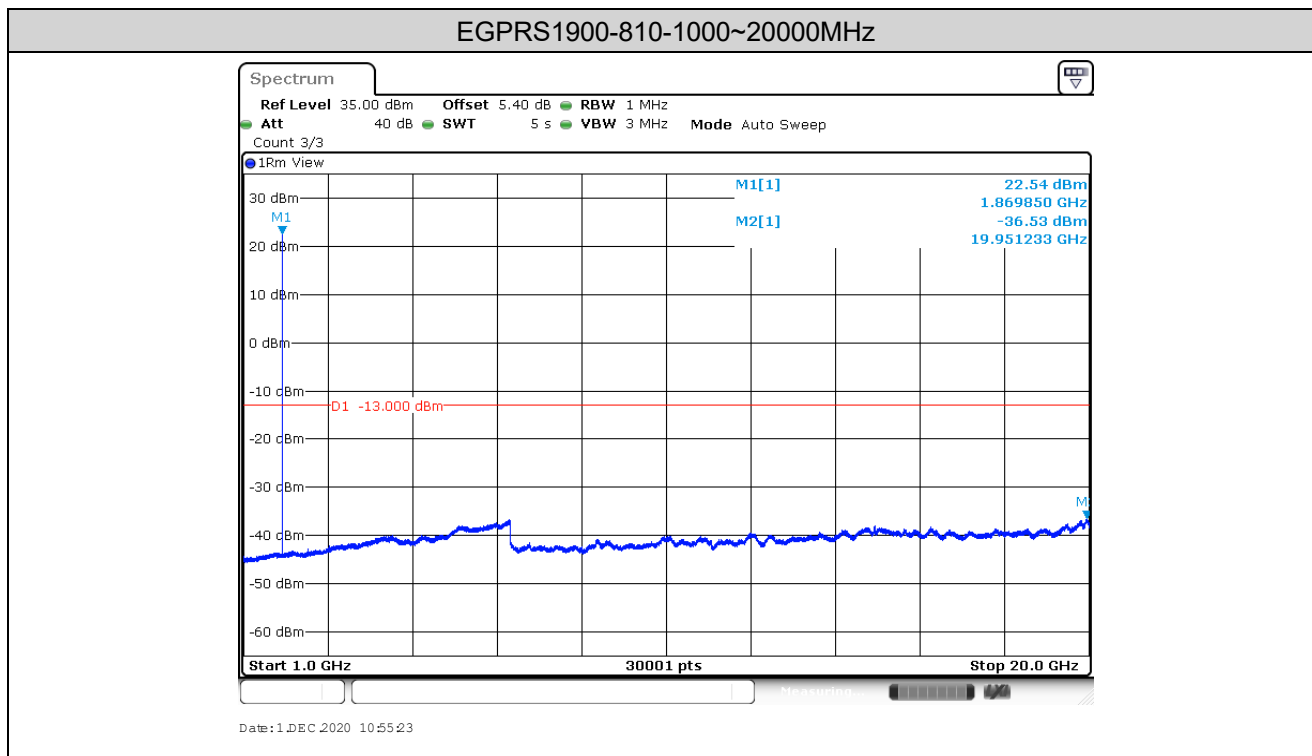
**EGPRS1900-810-30~1000MHz**



Date: 1 DEC 2020 10:54:56



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## 7. Field Strength of Spurious Radiation

### Firstly Supply:

#### 7.1. Test Band = GSM\_850

##### 7.1.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	42.2711	-62.51	-13.00	49.51	Horizontal
2	1648.5297	-50.02	-13.00	37.02	Horizontal
3	2472.2945	-35.64	-13.00	22.64	Horizontal
4	3296.8099	-48.84	-13.00	35.84	Horizontal
5	4120.9707	-36.13	-13.00	23.13	Horizontal
6	4945.1315	-56.17	-13.00	43.17	Horizontal



## 7.2. Test Band = GSM\_850

### 7.2.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.6305	-68.33	-13.00	55.33	Vertical
2	109.3015	-63.82	-13.00	50.82	Vertical
3	1648.5297	-54.05	-13.00	41.05	Vertical
4	2472.6945	-41.52	-13.00	28.52	Vertical
5	3296.8099	-47.39	-13.00	34.39	Vertical
6	4120.7374	-52.06	-13.00	39.06	Vertical



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### 7.3. Test Band = GSM\_850

#### 7.3.1. Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.7376	-62.53	-13.00	49.53	Horizontal
2	1673.3347	-51.36	-13.00	38.36	Horizontal
3	2509.9020	-39.97	-13.00	26.97	Horizontal
4	3346.2782	-49.58	-13.00	36.58	Horizontal
5	4183.0394	-33.36	-13.00	20.36	Horizontal
6	5019.1006	-55.06	-13.00	42.06	Horizontal



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#### 7.4. Test Band = GSM\_850

##### 7.4.1. Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7760	-67.73	-13.00	54.73	Vertical
2	116.4313	-62.95	-13.00	49.95	Vertical
3	1673.3347	-54.33	-13.00	41.33	Vertical
4	2509.9020	-40.42	-13.00	27.42	Vertical
5	3346.2782	-50.20	-13.00	37.20	Vertical
6	4183.0394	-49.37	-13.00	36.37	Vertical



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## 7.5. Test Band = GSM\_850

### 7.5.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4352	-63.19	-13.00	50.19	Horizontal
2	1697.7395	-49.26	-13.00	36.26	Horizontal
3	2546.3093	-40.70	-13.00	27.70	Horizontal
4	3395.2798	-54.60	-13.00	41.60	Horizontal
5	4244.4081	-39.02	-13.00	26.02	Horizontal
6	5093.0698	-53.55	-13.00	40.55	Horizontal



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## 7.6. Test Band = GSM\_850

### 7.6.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7275	-68.22	-13.00	55.22	Vertical
2	105.3728	-63.60	-13.00	50.60	Vertical
3	1697.7395	-51.09	-13.00	38.09	Vertical
4	2546.3093	-40.18	-13.00	27.18	Vertical
5	3395.2798	-48.35	-13.00	35.35	Vertical
6	4243.9415	-49.39	-13.00	36.39	Vertical



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## 7.7. Test Band = GSM\_1900

### 7.7.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.2526	-61.85	-13.00	48.85	Horizontal
2	232.4491	-67.36	-13.00	54.36	Horizontal
3	594.9562	-62.79	-13.00	49.79	Horizontal
4	3700.5234	-51.79	-13.00	38.79	Horizontal
5	5550.5850	-48.21	-13.00	35.21	Horizontal
6	16390.446	-44.11	-13.00	31.11	Horizontal



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## 7.8. Test Band = GSM\_1900

### 7.8.1. Test Channel = Low Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	32.8131	-67.62	-13.00	54.62	Vertical
2	106.2943	-64.44	-13.00	51.44	Vertical
3	422.3846	-67.02	-13.00	54.02	Vertical
4	3700.5234	-52.06	-13.00	39.06	Vertical
5	5550.5850	-50.21	-13.00	37.21	Vertical
6	17994.999	-40.37	-13.00	27.37	Vertical



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## 7.9. Test Band = GSM\_1900

### 7.9.1. Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	43.4352	-63.74	-13.00	50.74	Horizontal
2	248.8429	-67.41	-13.00	54.41	Horizontal
3	3760.0253	-57.47	-13.00	44.47	Horizontal
4	5640.0880	-47.19	-13.00	34.19	Horizontal
5	7519.6507	-52.32	-13.00	39.32	Horizontal
6	16378.445	-44.20	-13.00	31.20	Horizontal



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## 7.10. Test Band = GSM\_1900

### 7.10.1. Test Channel = Middle Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	32.6191	-68.35	-13.00	55.35	Vertical
2	118.3714	-64.18	-13.00	51.18	Vertical
3	3760.0253	-54.51	-13.00	41.51	Vertical
4	5640.0880	-49.55	-13.00	36.55	Vertical
5	11280.2760	-48.21	-13.00	35.21	Vertical
6	17997.999	-40.46	-13.00	27.46	Vertical



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**7.11. Test Band = GSM\_1900****7.11.1. Test Channel = High Channel**

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	41.9316	-63.07	-13.00	50.07	Horizontal
2	249.2310	-67.43	-13.00	54.43	Horizontal
3	3819.5273	-49.95	-13.00	36.95	Horizontal
4	5729.5910	-47.79	-13.00	34.79	Horizontal
5	7639.1546	-49.65	-13.00	36.65	Horizontal
6	11458.7820	-48.18	-13.00	35.18	Horizontal



## 7.12. Test Band = GSM\_1900

### 7.12.1. Test Channel = High Channel

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	30.7760	-68.04	-13.00	55.04	Vertical
2	109.2530	-64.60	-13.00	51.60	Vertical
3	3819.5273	-51.59	-13.00	38.59	Vertical
4	5729.5910	-48.30	-13.00	35.30	Vertical
5	11458.7820	-47.68	-13.00	34.68	Vertical
6	17993.499	-40.64	-13.00	27.64	Vertical



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**Secondly Supply:****7.13. Test Band = GSM\_850****7.13.1. Test Channel = Middle Channel**

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	44.9872	-51.20	-13.00	38.20	Horizontal
2	534.2312	-64.66	-13.00	51.66	Horizontal
3	1672.9346	-44.34	-13.00	31.34	Horizontal
4	2510.3021	-43.18	-13.00	30.18	Horizontal
5	3346.5116	-51.07	-13.00	38.07	Horizontal
6	4183.0394	-43.02	-13.00	30.02	Horizontal



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**7.14. Test Band = GSM\_850****7.14.1. Test Channel = Middle Channel**

Suspected Data List					
NO.	Freq. [MHz]	Level [dBm]	Limit [dBm]	Margin [dB]	Polarity
1	78.7934	-55.65	-13.00	42.65	Vertical
2	619.8380	-62.38	-13.00	49.38	Vertical
3	1672.9346	-51.74	-13.00	38.74	Vertical
4	2509.9020	-49.76	-13.00	36.76	Vertical
5	3346.0449	-53.73	-13.00	40.73	Vertical
6	4183.2728	-45.52	-13.00	32.52	Vertical

## 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.



## 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	0.42	0.000510	±2.5	PASS
GSM850	128	VN	NT	5.55	0.006734	±2.5	PASS
GSM850	128	VH	NT	3.16	0.003834	±2.5	PASS
GSM850	190	VL	NT	1.94	0.002319	±2.5	PASS
GSM850	190	VN	NT	5.29	0.006323	±2.5	PASS
GSM850	190	VH	NT	4.07	0.004865	±2.5	PASS
GSM850	251	VL	NT	2.20	0.002592	±2.5	PASS
GSM850	251	VN	NT	-2.39	-0.002816	±2.5	PASS
GSM850	251	VH	NT	1.87	0.002203	±2.5	PASS
EGPRS850	128	VL	NT	12.95	0.015712	±2.5	PASS
EGPRS850	128	VN	NT	13.43	0.016295	±2.5	PASS
EGPRS850	128	VH	NT	13.24	0.016064	±2.5	PASS
EGPRS850	190	VL	NT	19.11	0.022842	±2.5	PASS
EGPRS850	190	VN	NT	15.85	0.018946	±2.5	PASS
EGPRS850	190	VH	NT	18.69	0.022340	±2.5	PASS
EGPRS850	251	VL	NT	15.14	0.017837	±2.5	PASS
EGPRS850	251	VN	NT	15.50	0.018261	±2.5	PASS
EGPRS850	251	VH	NT	14.11	0.016623	±2.5	PASS
GSM1900	512	VL	NT	-3.36	-0.001816	±2.5	PASS
GSM1900	512	VN	NT	-19.82	-0.010712	±2.5	PASS
GSM1900	512	VH	NT	-5.04	-0.002724	±2.5	PASS
GSM1900	661	VL	NT	-11.88	-0.006319	±2.5	PASS
GSM1900	661	VN	NT	-13.43	-0.007144	±2.5	PASS
GSM1900	661	VH	NT	-15.56	-0.008277	±2.5	PASS
GSM1900	810	VL	NT	-4.58	-0.002398	±2.5	PASS
GSM1900	810	VN	NT	-4.13	-0.002163	±2.5	PASS
GSM1900	810	VH	NT	-3.10	-0.001623	±2.5	PASS
EGPRS1900	512	VL	NT	4.13	0.002232	±2.5	PASS
EGPRS1900	512	VN	NT	2.00	0.001081	±2.5	PASS
EGPRS1900	512	VH	NT	3.78	0.002043	±2.5	PASS



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EGPRS1900	661	VL	NT	-4.68	-0.002489	±2.5	PASS
EGPRS1900	661	VN	NT	-6.30	-0.003351	±2.5	PASS
EGPRS1900	661	VH	NT	-5.97	-0.003176	±2.5	PASS
EGPRS1900	810	VL	NT	3.75	0.001964	±2.5	PASS
EGPRS1900	810	VN	NT	4.13	0.002163	±2.5	PASS
EGPRS1900	810	VH	NT	4.23	0.002215	±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	2.13	0.002584	±2.5	PASS
GSM850	128	NV	-20	0.39	0.000473	±2.5	PASS
GSM850	128	NV	-10	4.36	0.005290	±2.5	PASS
GSM850	128	NV	0	3.49	0.004234	±2.5	PASS
GSM850	128	NV	10	1.58	0.001917	±2.5	PASS
GSM850	128	NV	20	6.46	0.007838	±2.5	PASS
GSM850	128	NV	30	3.68	0.004465	±2.5	PASS
GSM850	128	NV	40	3.03	0.003676	±2.5	PASS
GSM850	128	NV	50	-0.29	-0.000352	±2.5	PASS
GSM850	190	NV	-30	3.33	0.003980	±2.5	PASS
GSM850	190	NV	-20	2.84	0.003395	±2.5	PASS
GSM850	190	NV	-10	5.97	0.007136	±2.5	PASS
GSM850	190	NV	0	2.45	0.002929	±2.5	PASS
GSM850	190	NV	10	3.58	0.004279	±2.5	PASS
GSM850	190	NV	20	4.46	0.005331	±2.5	PASS
GSM850	190	NV	30	8.33	0.009957	±2.5	PASS
GSM850	190	NV	40	5.23	0.006251	±2.5	PASS
GSM850	190	NV	50	5.88	0.007028	±2.5	PASS
GSM850	251	NV	-30	0.29	0.000342	±2.5	PASS
GSM850	251	NV	-20	0.55	0.000648	±2.5	PASS
GSM850	251	NV	-10	1.42	0.001673	±2.5	PASS
GSM850	251	NV	0	2.20	0.002592	±2.5	PASS
GSM850	251	NV	10	-0.39	-0.000459	±2.5	PASS
GSM850	251	NV	20	1.94	0.002286	±2.5	PASS
GSM850	251	NV	30	0.84	0.000990	±2.5	PASS
GSM850	251	NV	40	0.65	0.000766	±2.5	PASS



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GSM850	251	NV	50	1.61	0.001897	±2.5	PASS
EGPRS850	128	NV	-30	14.43	0.017508	±2.5	PASS
EGPRS850	128	NV	-20	17.31	0.021002	±2.5	PASS
EGPRS850	128	NV	-10	16.21	0.019668	±2.5	PASS
EGPRS850	128	NV	0	14.66	0.017787	±2.5	PASS
EGPRS850	128	NV	10	13.72	0.016646	±2.5	PASS
EGPRS850	128	NV	20	14.56	0.017666	±2.5	PASS
EGPRS850	128	NV	30	17.37	0.021075	±2.5	PASS
EGPRS850	128	NV	40	16.89	0.020493	±2.5	PASS
EGPRS850	128	NV	50	14.17	0.017192	±2.5	PASS
EGPRS850	190	NV	-30	18.73	0.022388	±2.5	PASS
EGPRS850	190	NV	-20	18.56	0.022185	±2.5	PASS
EGPRS850	190	NV	-10	18.76	0.022424	±2.5	PASS
EGPRS850	190	NV	0	16.50	0.019723	±2.5	PASS
EGPRS850	190	NV	10	16.85	0.020141	±2.5	PASS
EGPRS850	190	NV	20	18.50	0.022113	±2.5	PASS
EGPRS850	190	NV	30	19.69	0.023536	±2.5	PASS
EGPRS850	190	NV	40	17.95	0.021456	±2.5	PASS
EGPRS850	190	NV	50	16.27	0.019448	±2.5	PASS
EGPRS850	251	NV	-30	15.21	0.017919	±2.5	PASS
EGPRS850	251	NV	-20	14.50	0.017083	±2.5	PASS
EGPRS850	251	NV	-10	15.08	0.017766	±2.5	PASS
EGPRS850	251	NV	0	15.72	0.018520	±2.5	PASS
EGPRS850	251	NV	10	16.21	0.019098	±2.5	PASS
EGPRS850	251	NV	20	15.27	0.017990	±2.5	PASS
EGPRS850	251	NV	30	15.05	0.017731	±2.5	PASS
EGPRS850	251	NV	40	15.95	0.018791	±2.5	PASS
EGPRS850	251	NV	50	16.63	0.019592	±2.5	PASS
GSM1900	512	NV	-30	-5.68	-0.003070	±2.5	PASS
GSM1900	512	NV	-20	-6.65	-0.003594	±2.5	PASS
GSM1900	512	NV	-10	-7.17	-0.003875	±2.5	PASS
GSM1900	512	NV	0	-8.72	-0.004713	±2.5	PASS
GSM1900	512	NV	10	-3.94	-0.002129	±2.5	PASS
GSM1900	512	NV	20	-8.85	-0.004783	±2.5	PASS
GSM1900	512	NV	30	-7.55	-0.004081	±2.5	PASS
GSM1900	512	NV	40	-12.33	-0.006664	±2.5	PASS
GSM1900	512	NV	50	-4.65	-0.002513	±2.5	PASS



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GSM1900	661	NV	-30	-13.95	-0.007420	±2.5	PASS
GSM1900	661	NV	-20	-17.24	-0.009170	±2.5	PASS
GSM1900	661	NV	-10	-14.21	-0.007559	±2.5	PASS
GSM1900	661	NV	0	-15.37	-0.008176	±2.5	PASS
GSM1900	661	NV	10	-16.98	-0.009032	±2.5	PASS
GSM1900	661	NV	20	-14.53	-0.007729	±2.5	PASS
GSM1900	661	NV	30	-11.95	-0.006356	±2.5	PASS
GSM1900	661	NV	40	-16.66	-0.008862	±2.5	PASS
GSM1900	661	NV	50	-15.56	-0.008277	±2.5	PASS
GSM1900	810	NV	-30	0.65	0.000340	±2.5	PASS
GSM1900	810	NV	-20	-3.23	-0.001691	±2.5	PASS
GSM1900	810	NV	-10	-7.10	-0.003718	±2.5	PASS
GSM1900	810	NV	0	-2.65	-0.001388	±2.5	PASS
GSM1900	810	NV	10	-8.59	-0.004498	±2.5	PASS
GSM1900	810	NV	20	-4.39	-0.002299	±2.5	PASS
GSM1900	810	NV	30	-5.36	-0.002807	±2.5	PASS
GSM1900	810	NV	40	-2.71	-0.001419	±2.5	PASS
GSM1900	810	NV	50	-3.81	-0.001995	±2.5	PASS
EGPRS1900	512	NV	-30	2.81	0.001519	±2.5	PASS
EGPRS1900	512	NV	-20	3.36	0.001816	±2.5	PASS
EGPRS1900	512	NV	-10	0.19	0.000103	±2.5	PASS
EGPRS1900	512	NV	0	4.58	0.002475	±2.5	PASS
EGPRS1900	512	NV	10	3.23	0.001746	±2.5	PASS
EGPRS1900	512	NV	20	2.78	0.001503	±2.5	PASS
EGPRS1900	512	NV	30	-0.23	-0.000124	±2.5	PASS
EGPRS1900	512	NV	40	1.19	0.000643	±2.5	PASS
EGPRS1900	512	NV	50	0.16	0.000086	±2.5	PASS
EGPRS1900	661	NV	-30	-6.13	-0.003261	±2.5	PASS
EGPRS1900	661	NV	-20	-6.49	-0.003452	±2.5	PASS
EGPRS1900	661	NV	-10	-4.39	-0.002335	±2.5	PASS
EGPRS1900	661	NV	0	-5.91	-0.003144	±2.5	PASS
EGPRS1900	661	NV	10	-6.36	-0.003383	±2.5	PASS
EGPRS1900	661	NV	20	-5.39	-0.002867	±2.5	PASS
EGPRS1900	661	NV	30	-3.62	-0.001926	±2.5	PASS
EGPRS1900	661	NV	40	-4.10	-0.002181	±2.5	PASS
EGPRS1900	661	NV	50	-4.29	-0.002282	±2.5	PASS
EGPRS1900	810	NV	-30	5.65	0.002958	±2.5	PASS



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EGPRS1900	810	NV	-20	4.42	0.002314	±2.5	PASS
EGPRS1900	810	NV	-10	5.52	0.002890	±2.5	PASS
EGPRS1900	810	NV	0	3.16	0.001655	±2.5	PASS
EGPRS1900	810	NV	10	4.42	0.002314	±2.5	PASS
EGPRS1900	810	NV	20	5.46	0.002859	±2.5	PASS
EGPRS1900	810	NV	30	5.52	0.002890	±2.5	PASS
EGPRS1900	810	NV	40	7.30	0.003822	±2.5	PASS
EGPRS1900	810	NV	50	6.75	0.003534	±2.5	PASS

The End

