

A2. GSM

Peak-to-Average Ratio

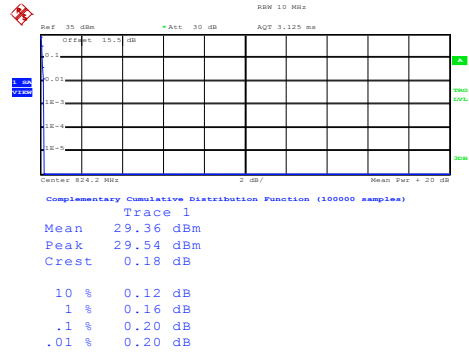
Mode	GSM850	Limit: 13dB
Mod.	GPRS class 8	Result
Lowest CH	0.20	PASS
Middle CH	0.20	
Highest CH	0.16	

Mode	GSM1900	Limit: 13dB
Mod.	GPRS class 8	Result
Lowest CH	0.20	PASS
Middle CH	0.16	
Highest CH	0.20	



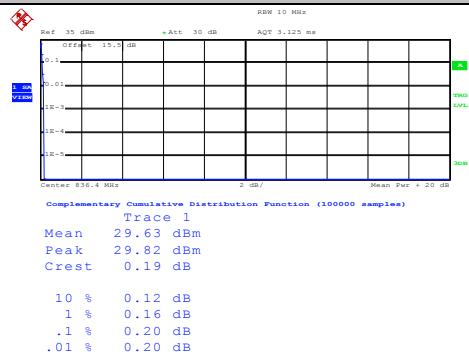
GSM850 (GPRS class 8)

Lowest Channel



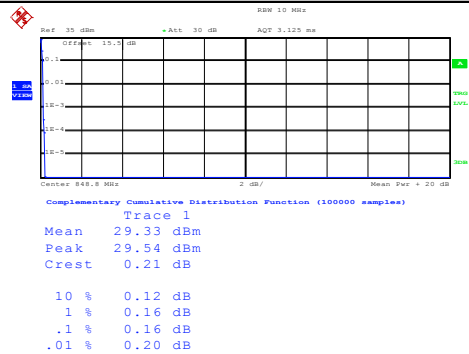
Date: 26.OCT.2016 10:15:03

Middle Channel



Date: 26.OCT.2016 10:16:20

Highest Channel

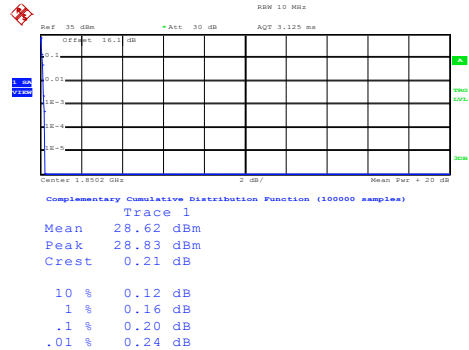


Date: 26.OCT.2016 10:17:33



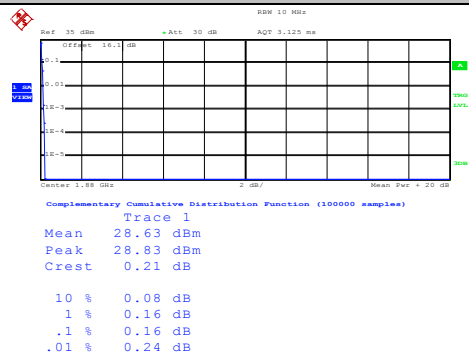
GSM1900 (GPRS class 8)

Lowest Channel



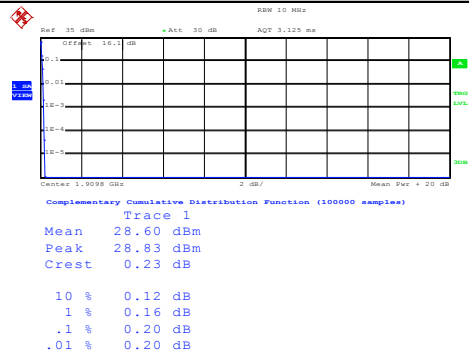
Date: 26.OCT.2016 10:32:38

Middle Channel



Date: 26.OCT.2016 10:34:03

Highest Channel

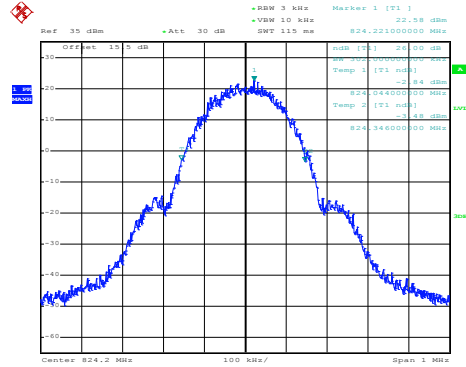


Date: 26.OCT.2016 10:49:43

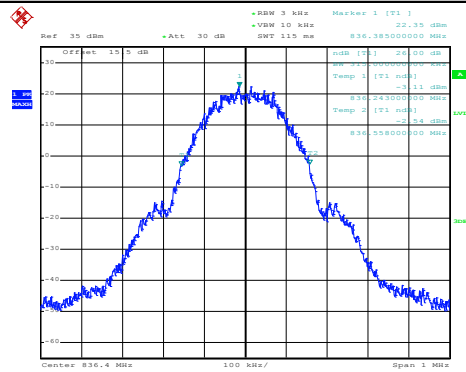
**26dB Bandwidth**

Mode	GSM850
Mod.	GPRS class 8
Lowest CH	0.302
Middle CH	0.315
Highest CH	0.313

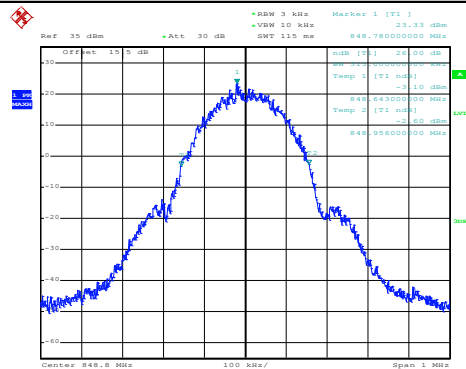
Mode	GSM1900
Mod.	GPRS class 8
Lowest CH	0.304
Middle CH	0.312
Highest CH	0.307

GSM850 (GPRS class 8)
Lowest Channel


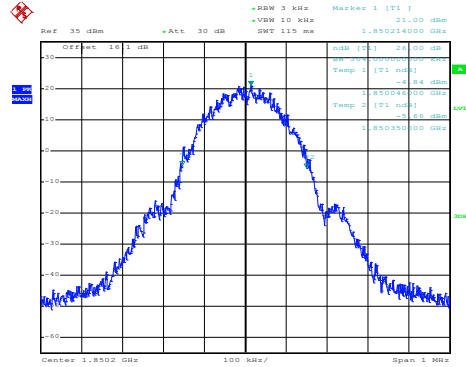
Date: 26.OCT.2016 10:03:46

Middle Channel


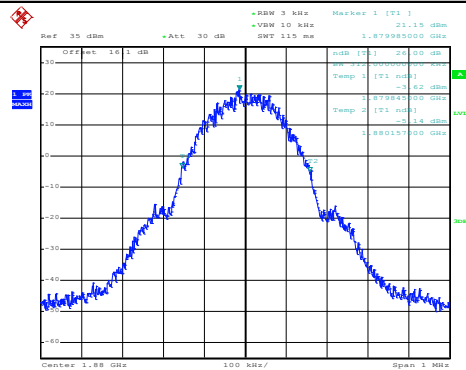
Date: 26.OCT.2016 10:04:14

Highest Channel


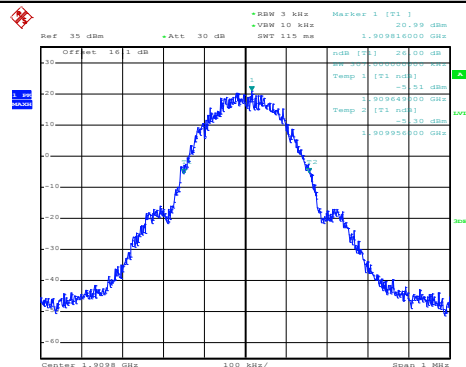
Date: 26.OCT.2016 10:04:43

GSM1900 (GPRS class 8)
Lowest Channel


Date: 26.OCT.2016 10:22:09

Middle Channel


Date: 26.OCT.2016 10:22:37

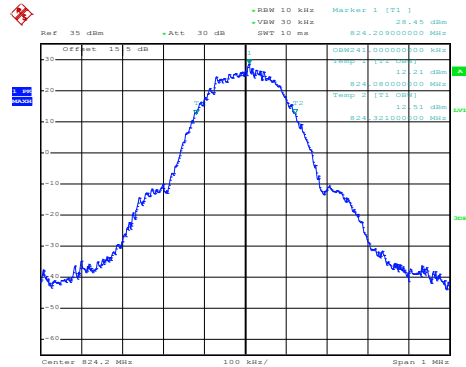
Highest Channel


Date: 26.OCT.2016 10:23:05

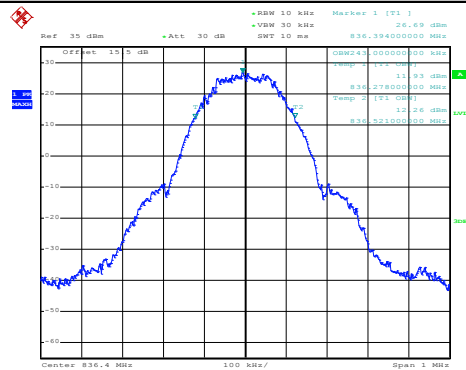
Occupied Bandwidth

Mode	GSM850
Mod.	GPRS class 8
Lowest CH	0.241
Middle CH	0.243
Highest CH	0.243

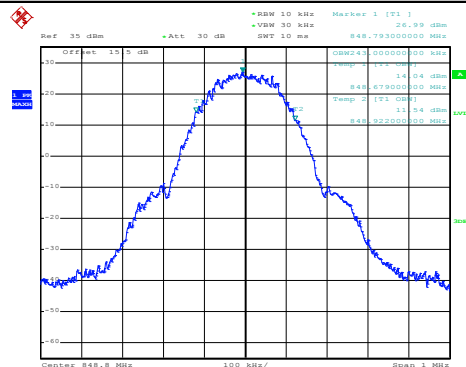
Mode	GSM1900
Mod.	GPRS class 8
Lowest CH	0.243
Middle CH	0.249
Highest CH	0.246

GSM850 (GPRS class 8)
Lowest Channel


Date: 26.OCT.2016 10:05:16

Middle Channel


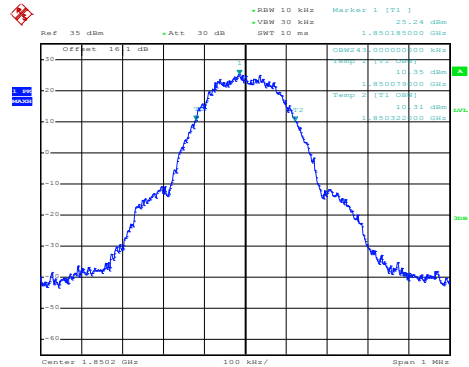
Date: 26.OCT.2016 10:05:45

Highest Channel


Date: 26.OCT.2016 10:06:13

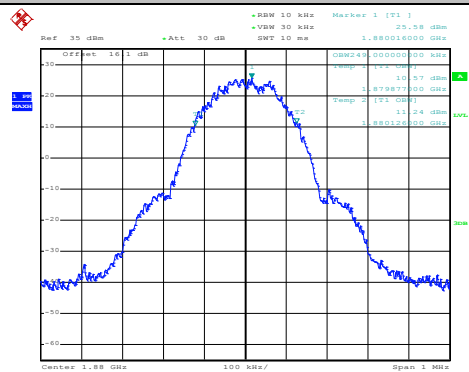
GSM1900 (GPRS class 8)

Lowest Channel



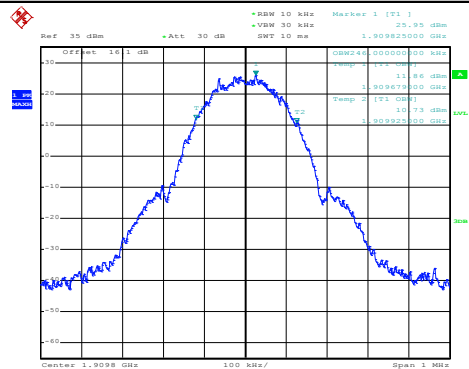
Date: 26.OCT.2016 10:23:41

Middle Channel



Date: 26.OCT.2016 10:24:09

Highest Channel



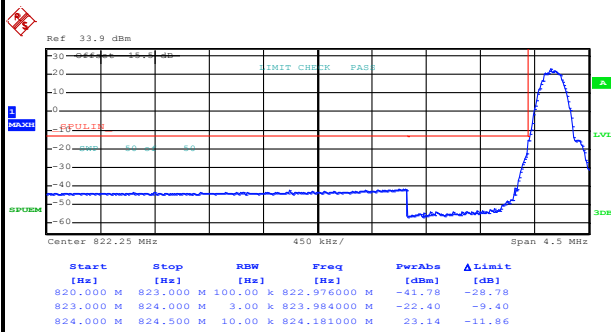
Date: 26.OCT.2016 10:24:37



Conducted Band Edge

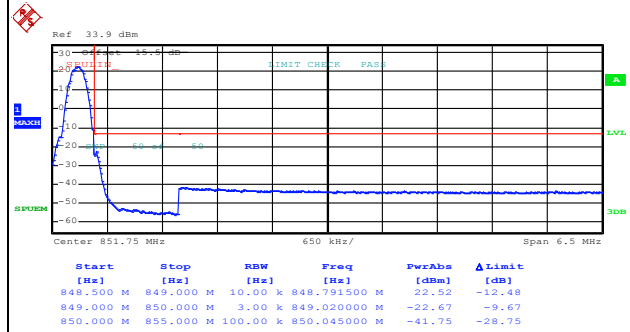
GSM850 (GPRS class 8)

Lowest Band Edge



Date: 26.OCT.2016 10:07:44

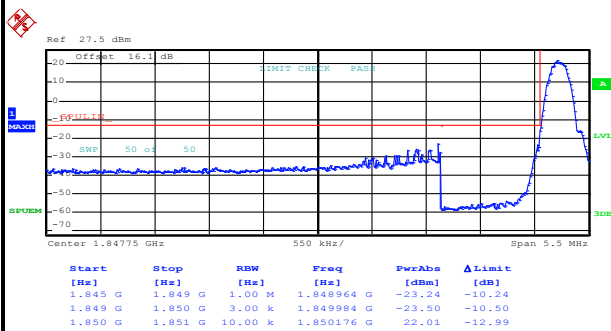
Highest Band Edge



Date: 26.OCT.2016 10:09:11

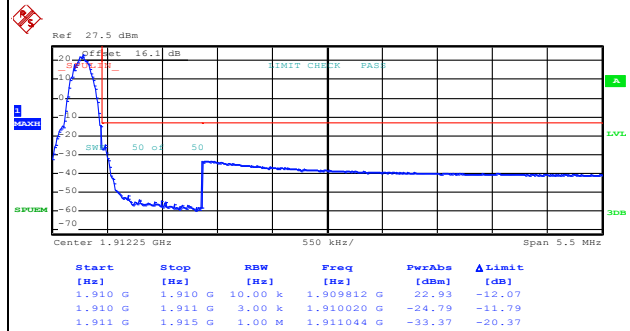
GSM1900 (GPRS class 8)

Lowest Band Edge



Date: 26.OCT.2016 10:27:17

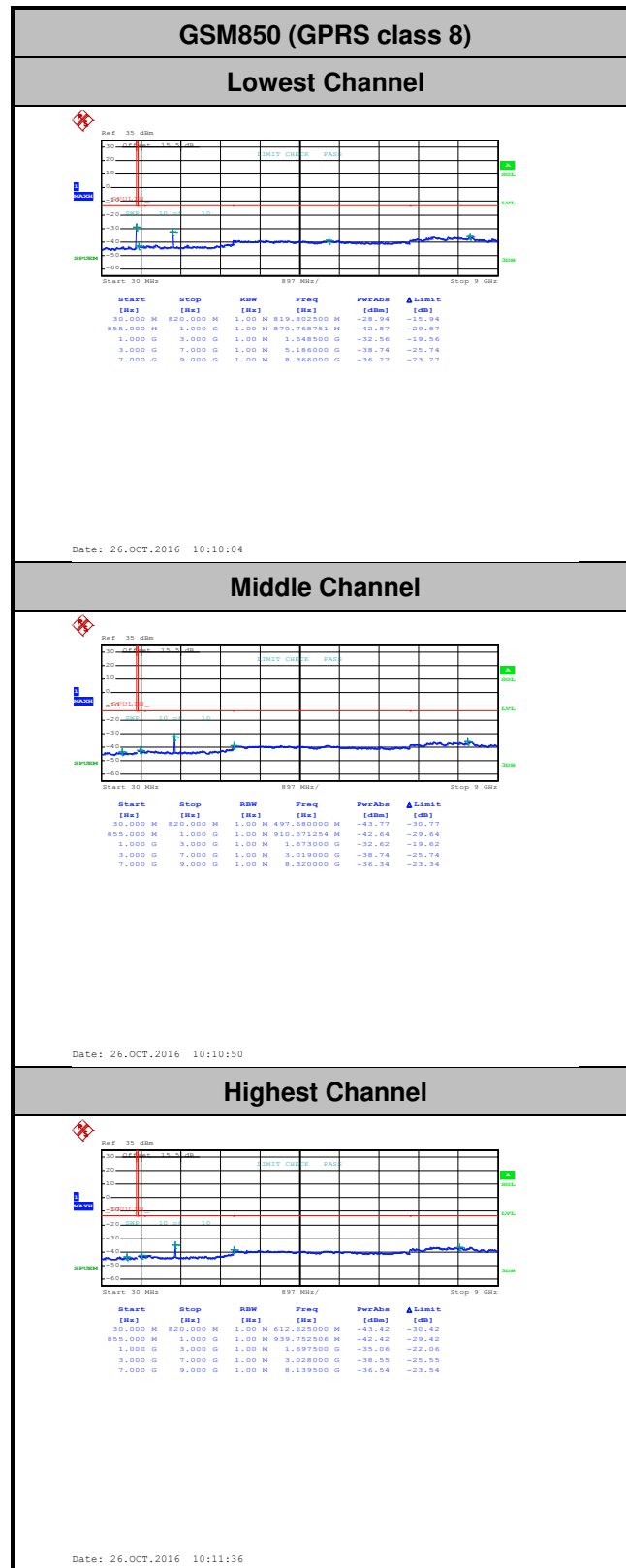
Highest Band Edge



Date: 26.OCT.2016 10:28:44



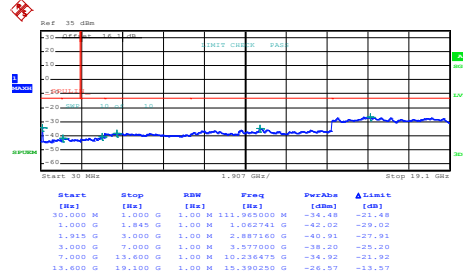
Conducted Spurious Emission





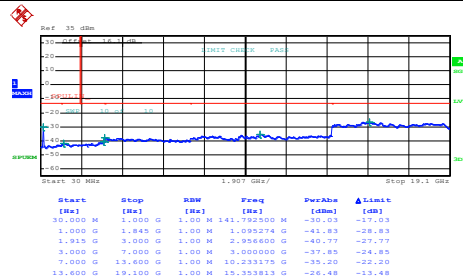
GSM1900 (GPRS class 8)

Lowest Channel



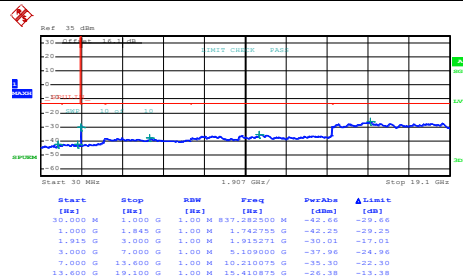
Date: 26.OCT.2016 10:29:37

Middle Channel



Date: 26.OCT.2016 10:30:23

Highest Channel



Date: 26.OCT.2016 10:31:09

Frequency Stability

Test Conditions	Middle Channel	GSM850 (GPRS class 8)	Limit 2.5ppm
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0024	PASS
40	Normal Voltage	0.0036	
30	Normal Voltage	0.0012	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0024	
0	Normal Voltage	0.0036	
-10	Normal Voltage	0.0012	
-20	Normal Voltage	0.0000	
-30	Normal Voltage	0.0024	
20	Maximum Voltage	0.0012	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0012	

Test Conditions	Middle Channel	GSM1900 (GPRS class 8)	Limit Note 2.
Temperature (°C)	Voltage (Volt)	Deviation (ppm)	Result
50	Normal Voltage	0.0059	PASS
40	Normal Voltage	0.0074	
30	Normal Voltage	0.0043	
20(Ref.)	Normal Voltage	0.0000	
10	Normal Voltage	0.0032	
0	Normal Voltage	0.0027	
-10	Normal Voltage	0.0011	
-20	Normal Voltage	0.0021	
-30	Normal Voltage	0.0000	
20	Maximum Voltage	0.0000	
20	Normal Voltage	0.0000	
20	Battery End Point	0.0005	

Note:

1. Normal Voltage = 4.0V. ; Battery End Point (BEP) = 3.7 V. ; Maximum Voltage =4.0 V
2. The frequency fundamental emissions stay within the authorized frequency block based.