

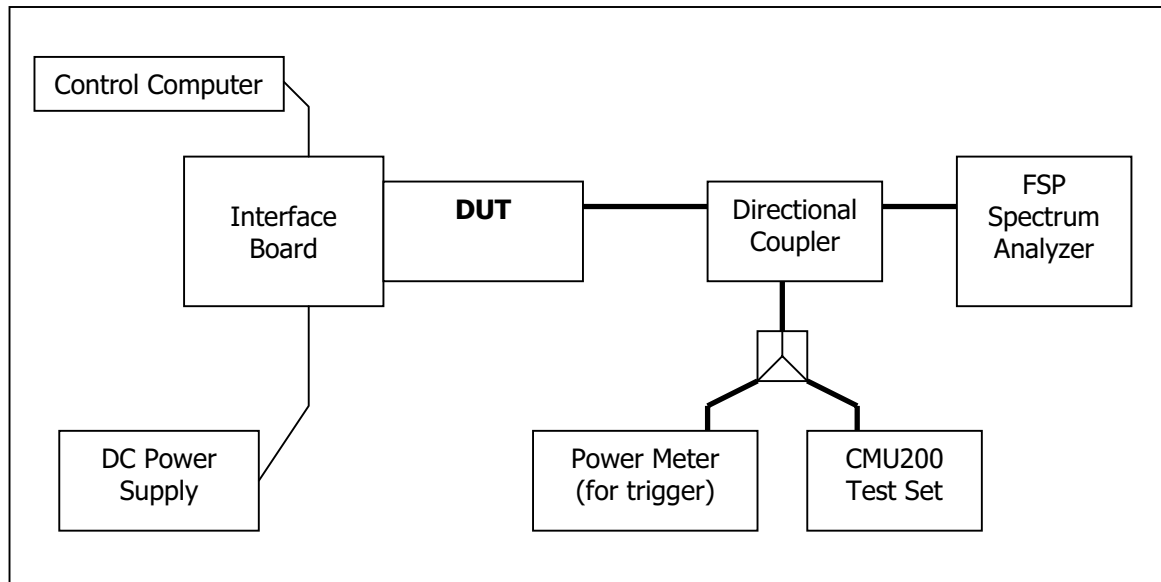
## 7 Block Edge Compliance

FCC part 22H/24E

### 7.1 Test Procedure

The transmitter output was connected to a Rohde & Schwarz CMU200 Test Set and configured to operate at maximum power. The block edge emissions were measured at the required operating frequencies in each band on the Spectrum Analyzer.

### Test Setup



### 7.2 Test Equipment

#### Instrument List

EQUIPMENT	MANUFACTURER	MODEL NO.	SERIAL NO.	CAL. DATE
Control Computer	TC	Generic PC	100488	N/A
Wireless Test Set	Rohde & Schwarz	CMU200	836766/030	N/A
Spectrum Analyzer	Rohde & Schwarz	FSP 30GHz	US41421268	Sept. 12, 2003
DC Power Supply	HP	E3631A	100060	N/A
Interface Board	Shop built	Minnow	N/A	N/A
Directional Coupler	Pasternack	PE2209-10	N/A	N/A

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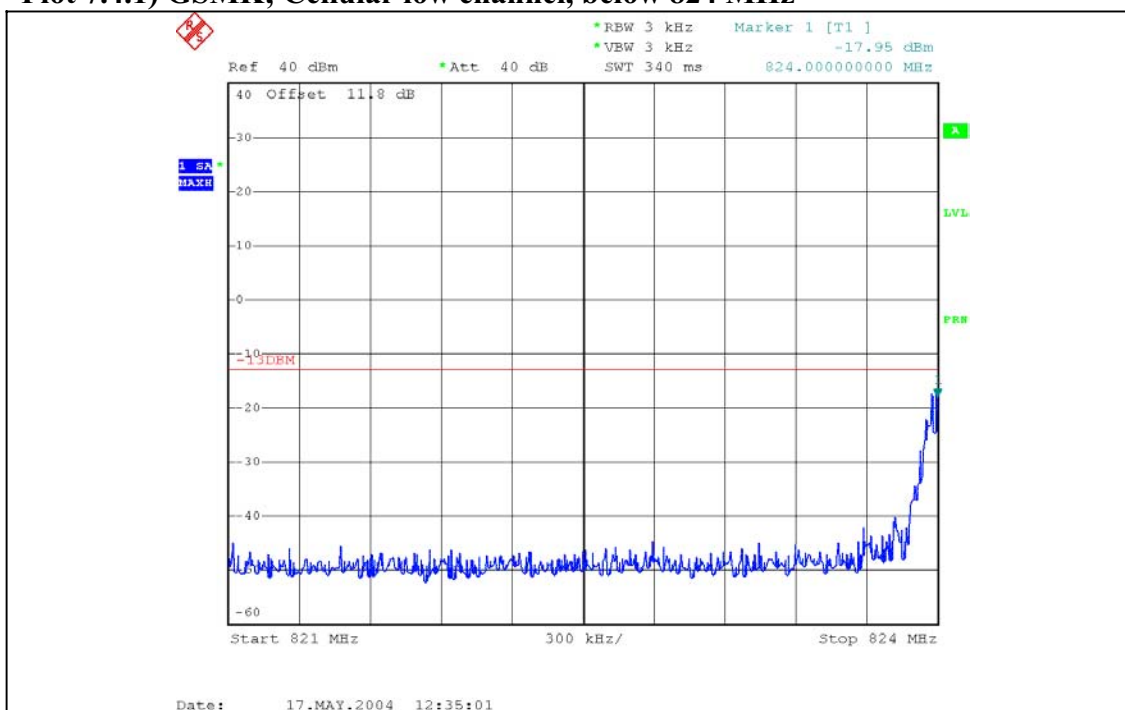
**7.3 Test Results**

Block Test	Frequency Boundaries (MHz)	Channels Tested	Corresponding Plots	Result
1	GMSK: Below 824 MHz, above 849 MHz	128, 251	7.4.1, 7.4.2	Complies
2	8PSK: Below 824 MHz, above 849 MHz	128, 251	7.4.3, 7.4.4	Complies
3	GMSK: Below 1850MHz, above 1910MHz	512, 810	7.4.5, 7.4.6	Complies
4	8PSK: Below 1850MHz, above 1910MHz	512, 810	7.4.7, 7.4.8	Complies

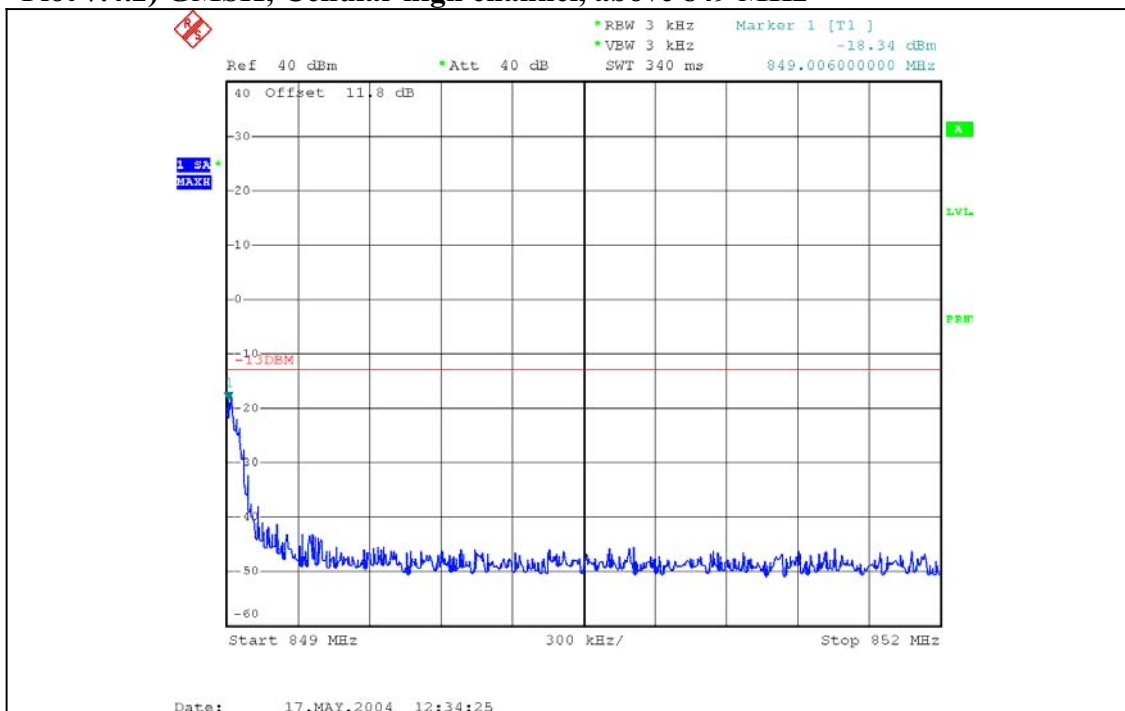
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## 7.4 Test Plots

### Plot 7.4.1) GSMK; Cellular low channel, below 824 MHz

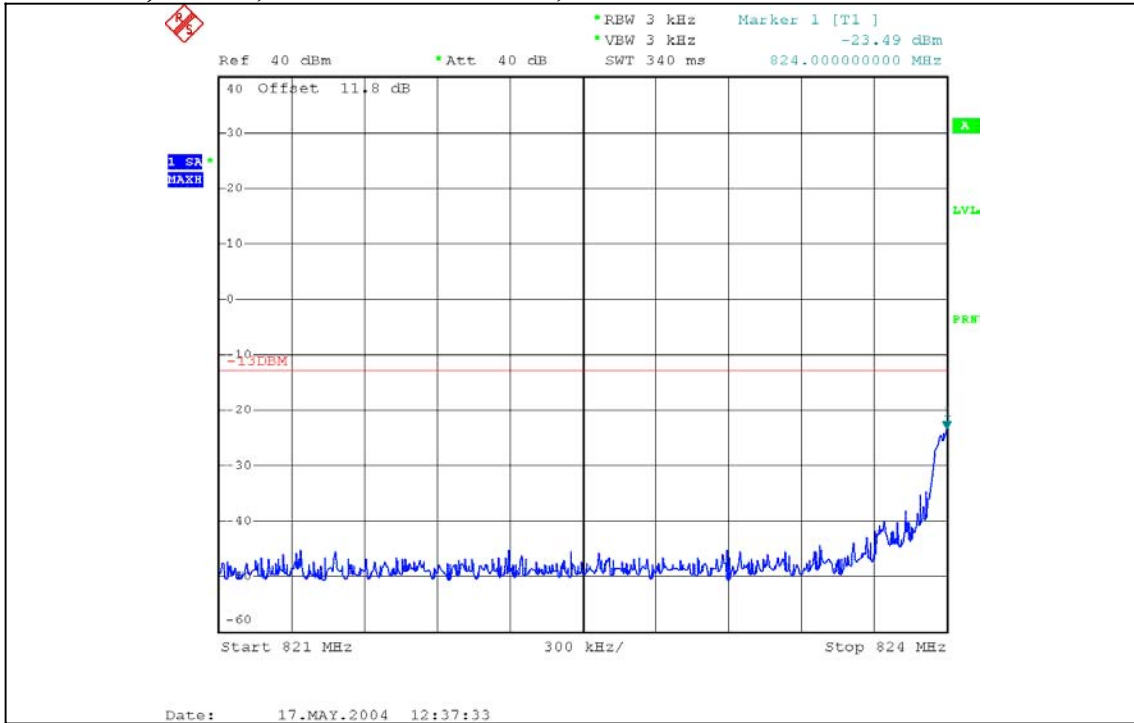


### Plot 7.4.2) GSMK; Cellular high channel, above 849 MHz

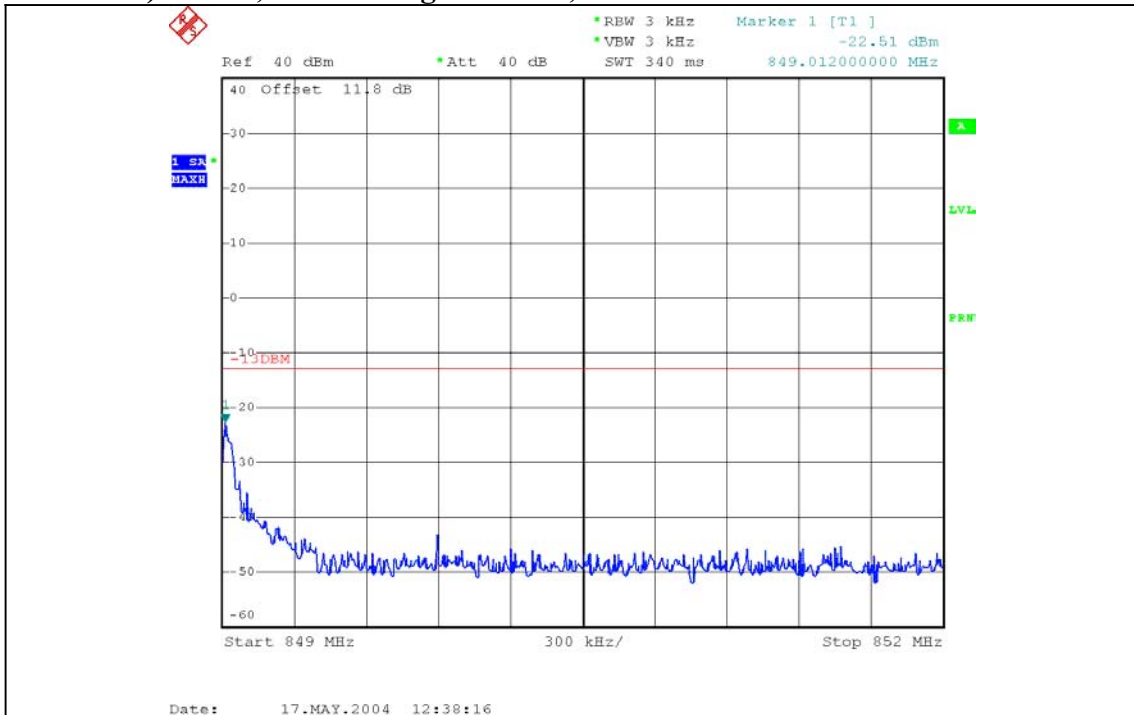


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Plot 7.4.3) 8-PSK; Cellular low channel, below 824 MHz

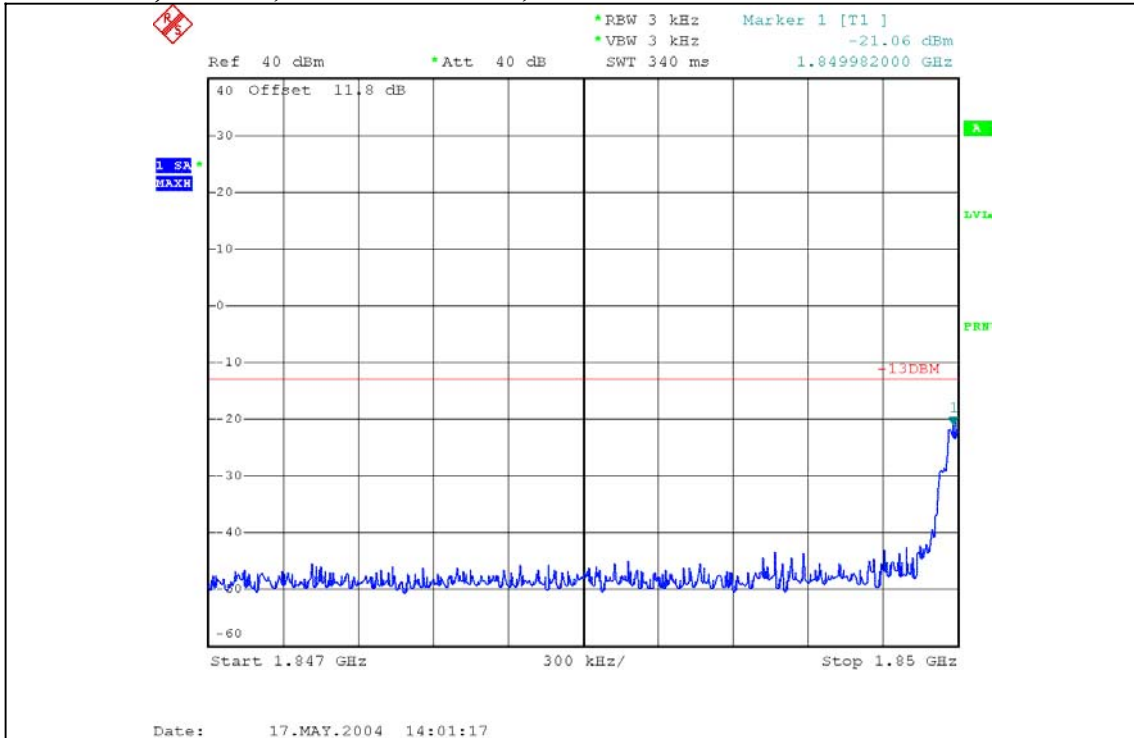


Plot 7.4.4) 8-PSK; Cellular high channel, above 849 MHz

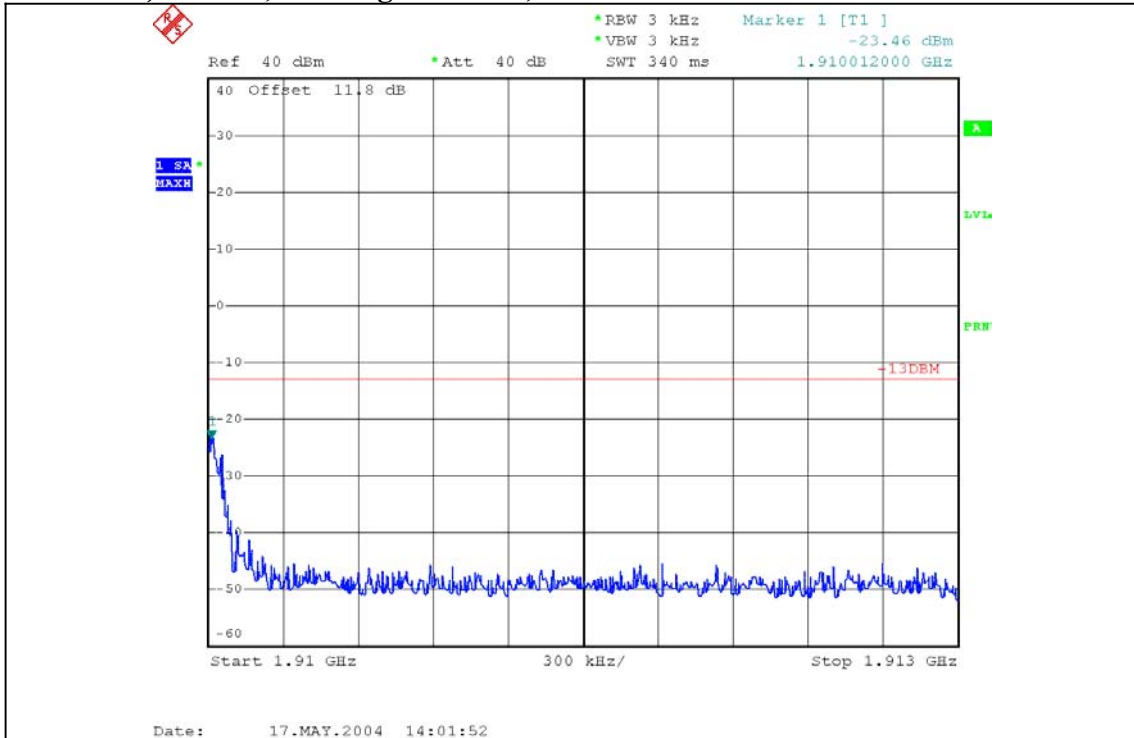


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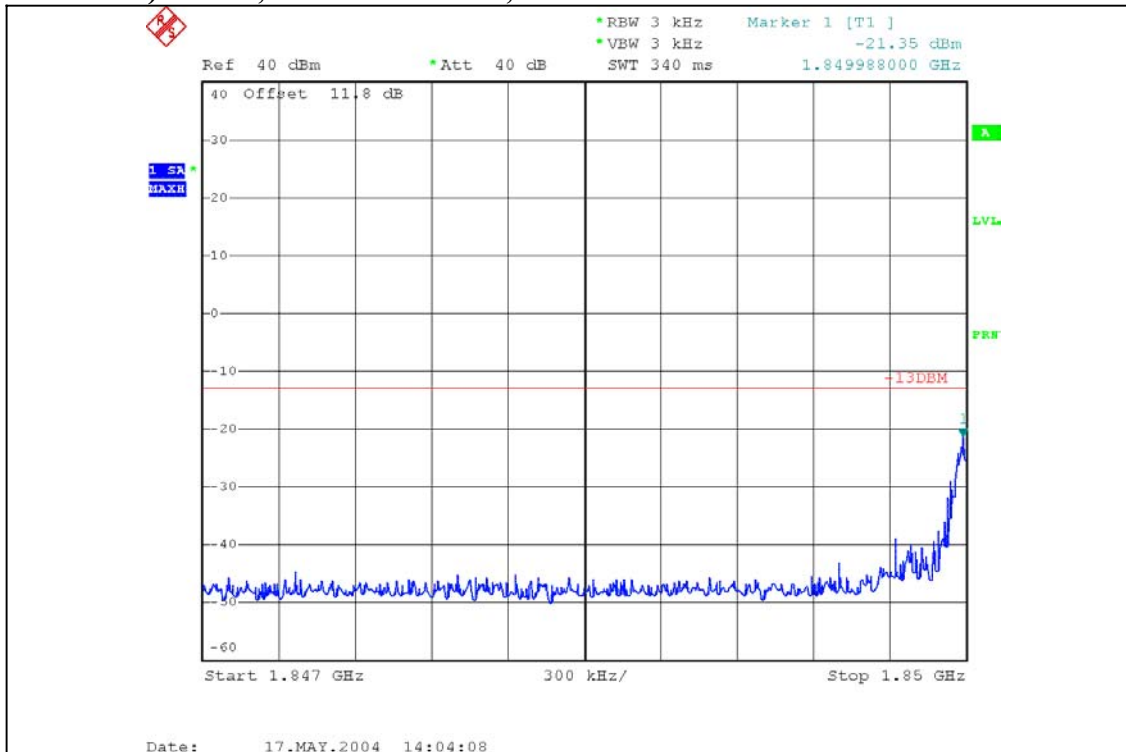
Plot 7.4.5) GMSK; PCS low channel, below 1850 MHz



Plot 7.4.6) GMSK; PCS high channel, above 1910 MHz



**Plot 7.4.7) 8-PSK; PCS low channel, below 1850 MHz**



**Plot 7.4.8) 8-PSK; PCS high channel, above 1910 MHz**

