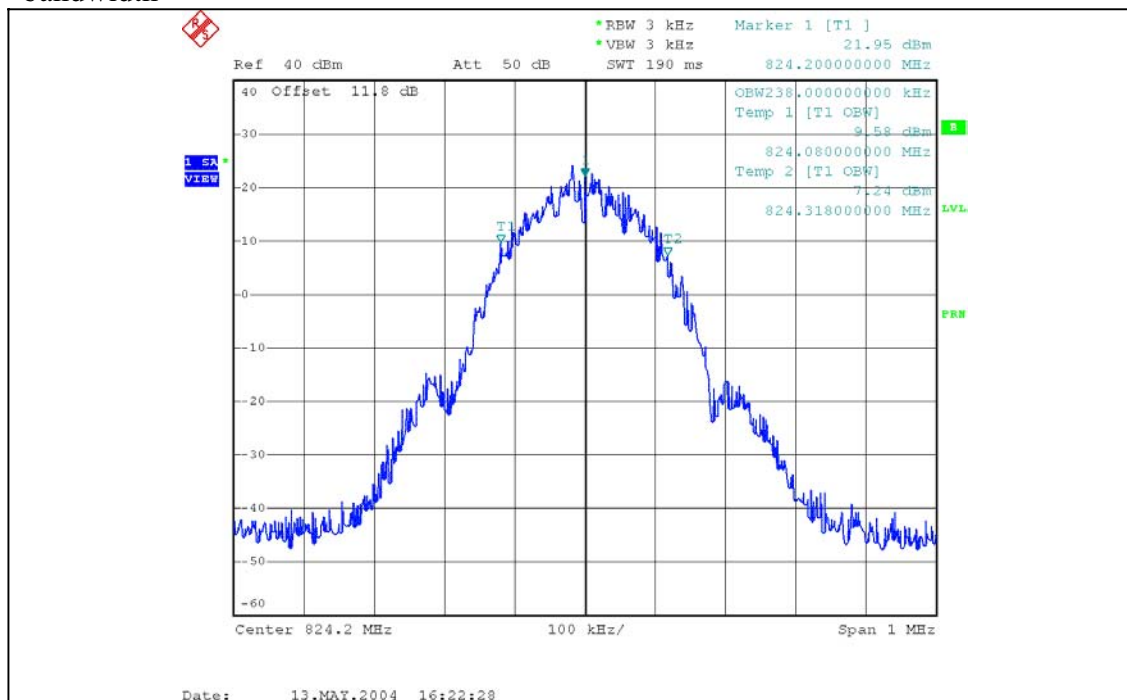
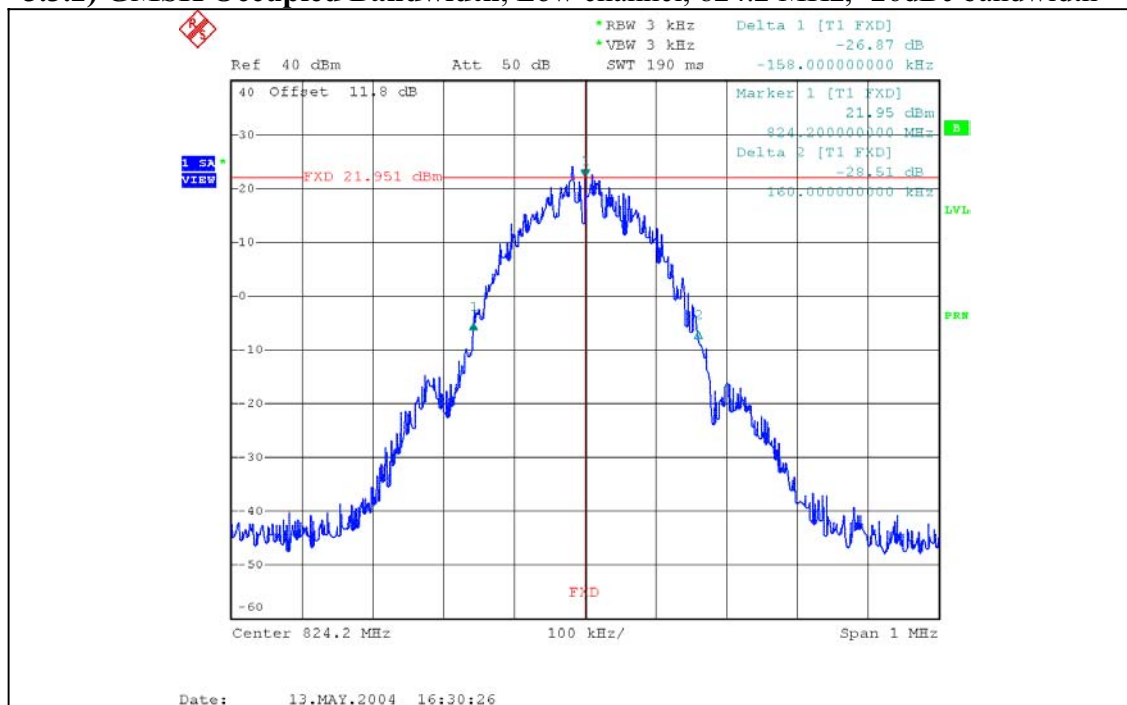


5.3 Test Plots

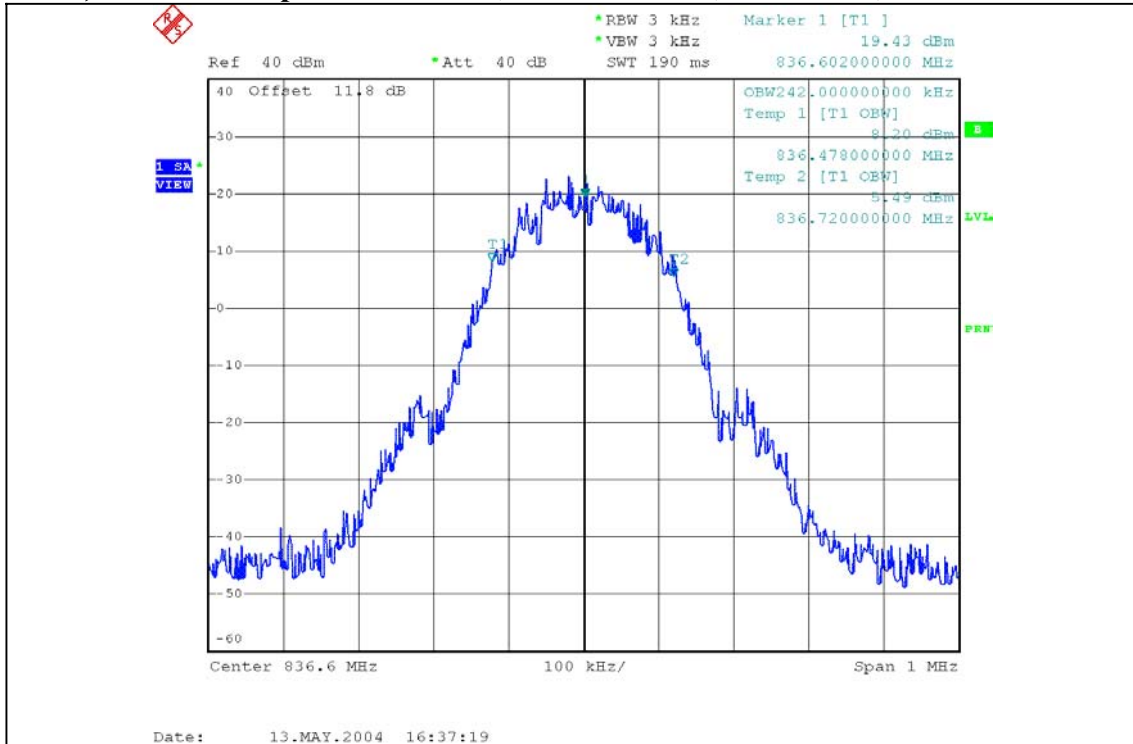
5.3.1) GMSK Occupied Bandwidth, Cellular Low channel, 824.2 MHz, 99% bandwidth



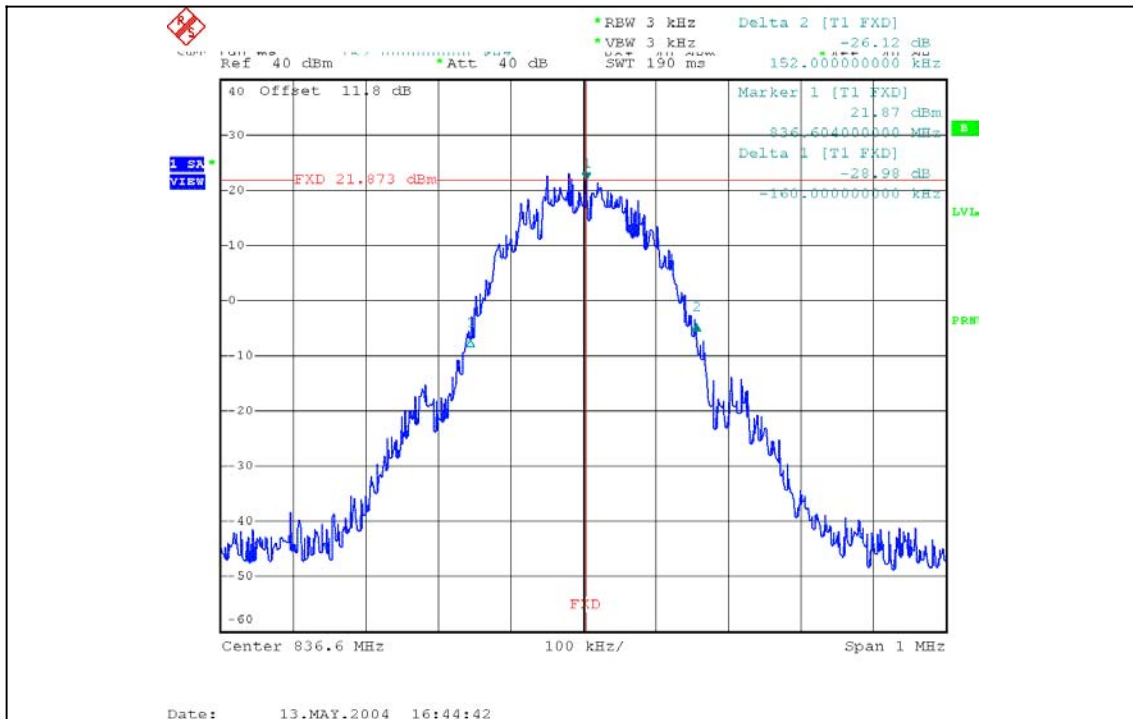
5.3.2) GMSK Occupied Bandwidth, Low channel, 824.2 MHz, -26dBc bandwidth



5.3.3) GMSK Occupied Bandwidth, Middle channel, 836.6 MHz, 99% bandwidth



5.3.4) GMSK Occupied Bandwidth, Middle channel, 836.6 MHz, -26dBc bandwidth



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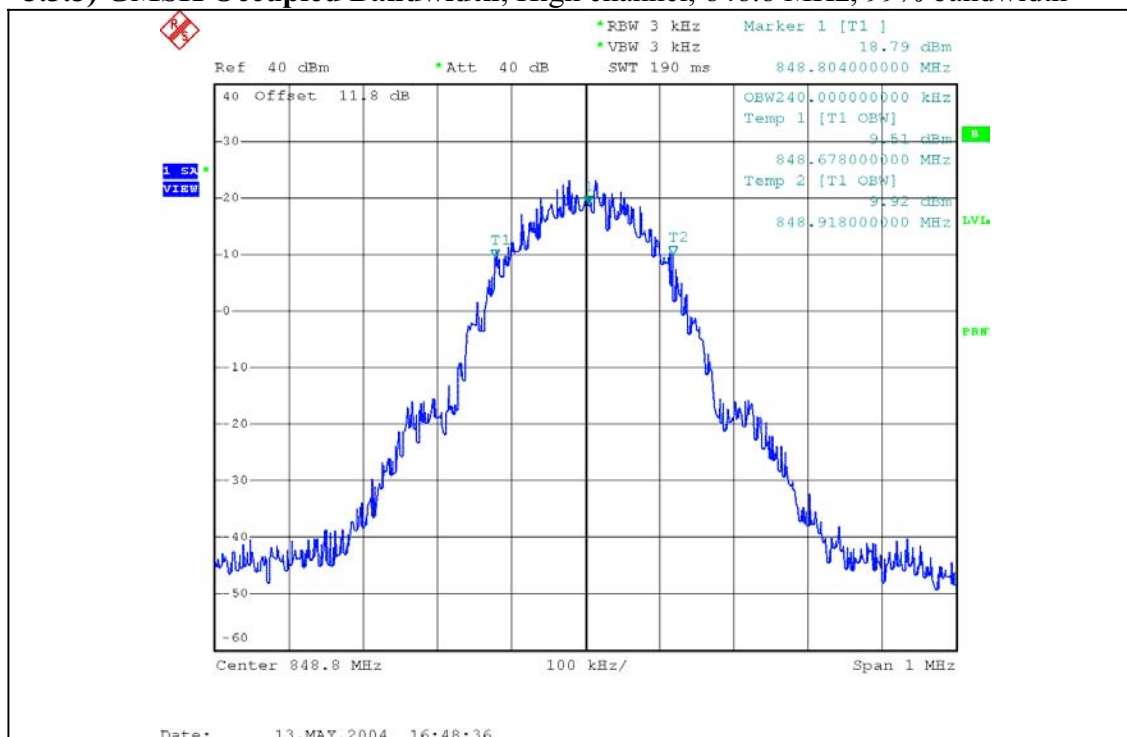
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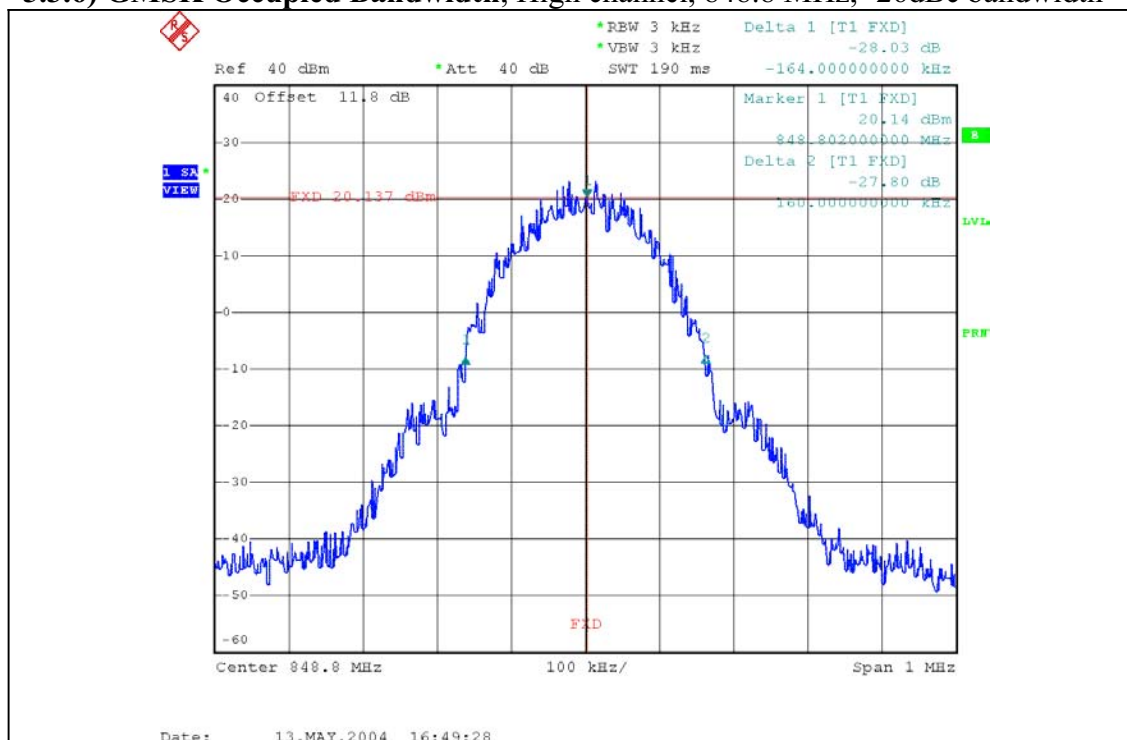
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5.3.5) GMSK Occupied Bandwidth, High channel, 848.8 MHz, 99% bandwidth



5.3.6) GMSK Occupied Bandwidth, High channel, 848.8 MHz, -26dBc bandwidth



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Ref 40 dBm *Att 40 dB REW 3 kHz VBW 3 kHz SWT 190 ms Marker 1 [T1]

15.65 dBm

824.202000000 MHz

40 Offset 11.8 dB

OE232.000000000 kHz

Temp 1 [T1 OBW]

2.43 dBm

824.082000000 MHz

Temp 2 [T1 OBW]

2.75 dBm

824.314000000 MHz

Center 824.2 MHz 100 kHz/ Span 1 MHz

Date: 14.MAY.2004 08:13:39

Ref 40 dBm *Att 40 dB SWT 190 ms -156.000000000 kHz

Delta 1 [T1 FXD] 15.65 dBm
Delta 2 [T1 FXD] -26.32 dB

FXD 15.653 dBm

FID

Center 824.2 MHz 100 kHz/ Span 1 MHz

1 SA VIEW

LVL FWD

Date: 14.MAY.2004 08:15:14

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Ref 41.8 dBm *Att 40 dB *RBW 3 kHz *VBW 3 kHz Marker 1 [T1] 15.66 dBm 836.598000000 MHz

Offset 11.8 dB

OE240.000000000 kHz

Temp 1 [T1 OBW] 2.13 dBm

836.480000000 MHz

Temp 2 [T1 OBW] 3.75 dBm

836.720000000 MHz

Center 836.6 MHz 100 kHz/ Span 1 MHz

Ref 41.8 dBm Att 40 dB RBW 3 kHz VBW 3 kHz SWT 190 ms

Offset 11.8 dB

Marker 1 [T1 FXD] 17.97 dBm 836.596000000 MHz

Delta 2 [T1 FXD] -26.36 dB 156.000000000 kHz

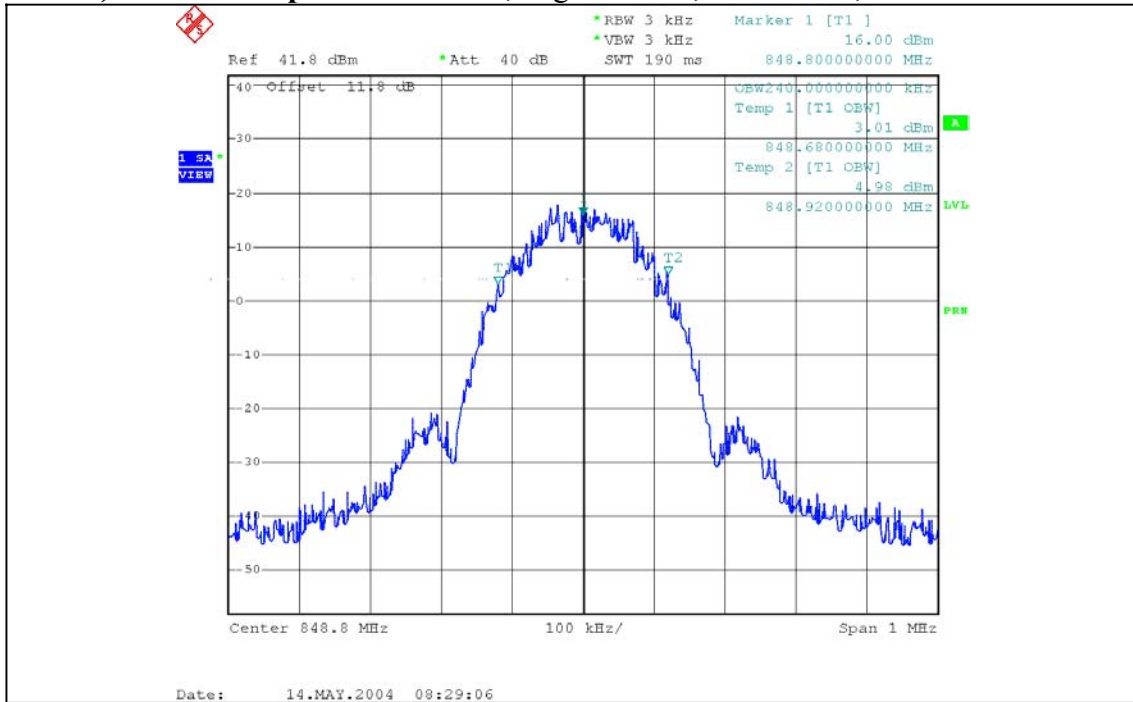
FXD 17.967 dBm

Center 836.6 MHz 100 kHz/ Span 1 MHz

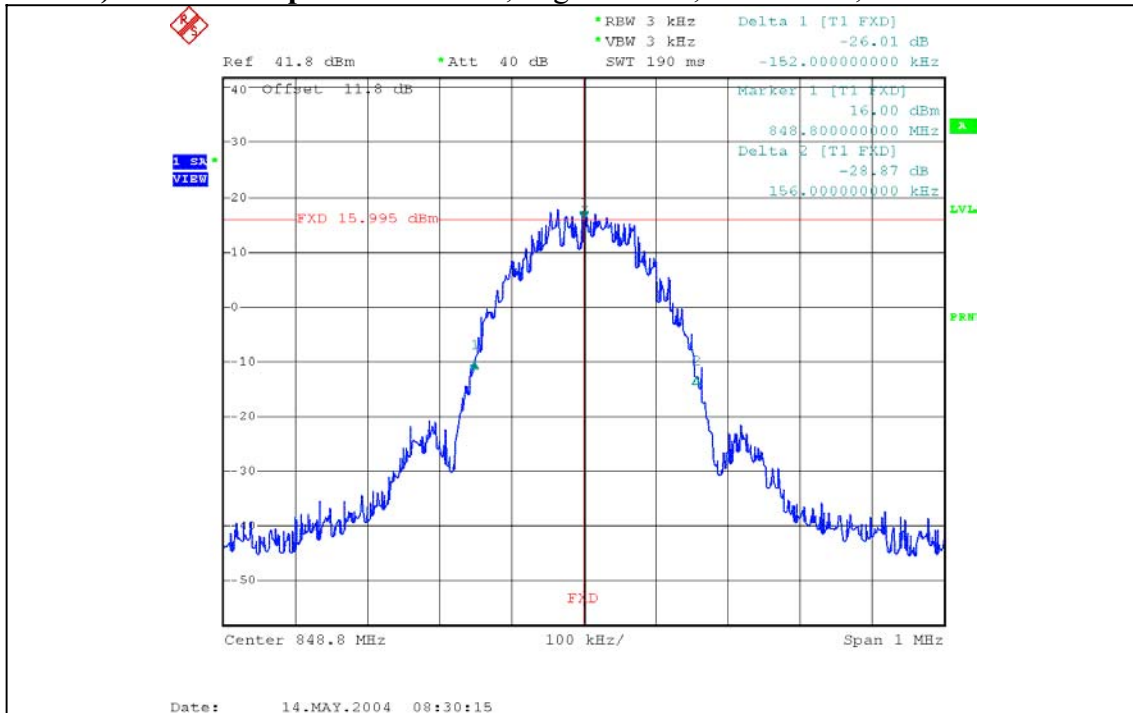
Date: 14.MAY.2004 08:27:46

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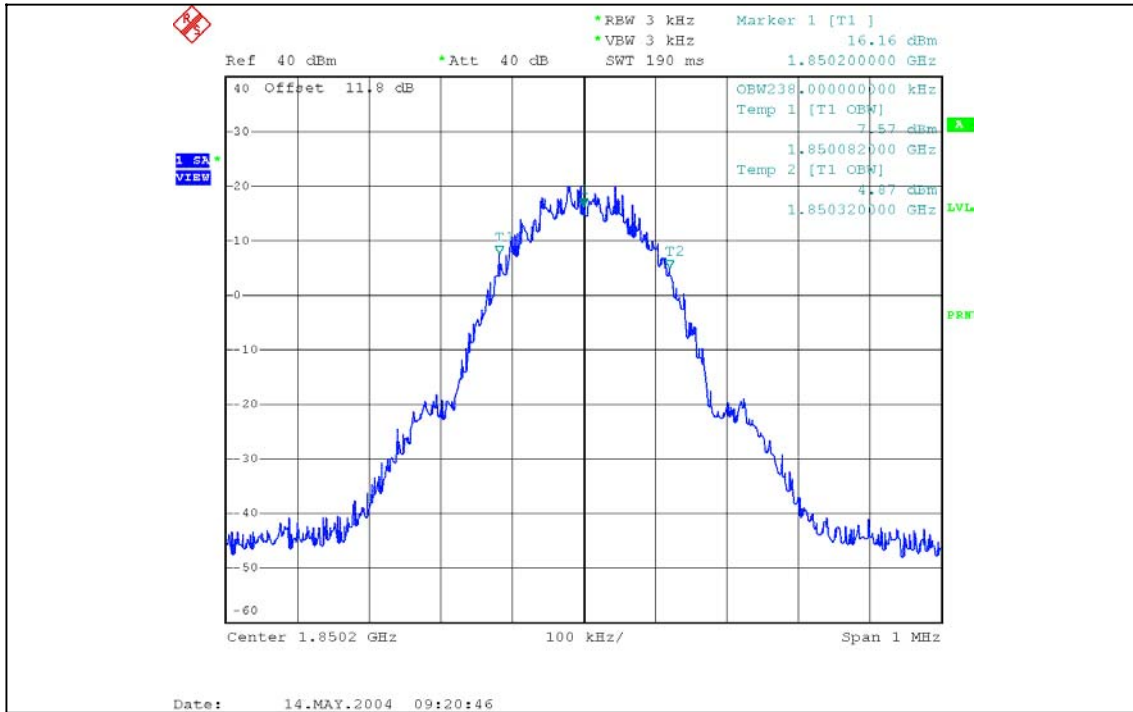
5.3.11) 8-PSK Occupied Bandwidth, High channel, 848.8 MHz, 99% bandwidth



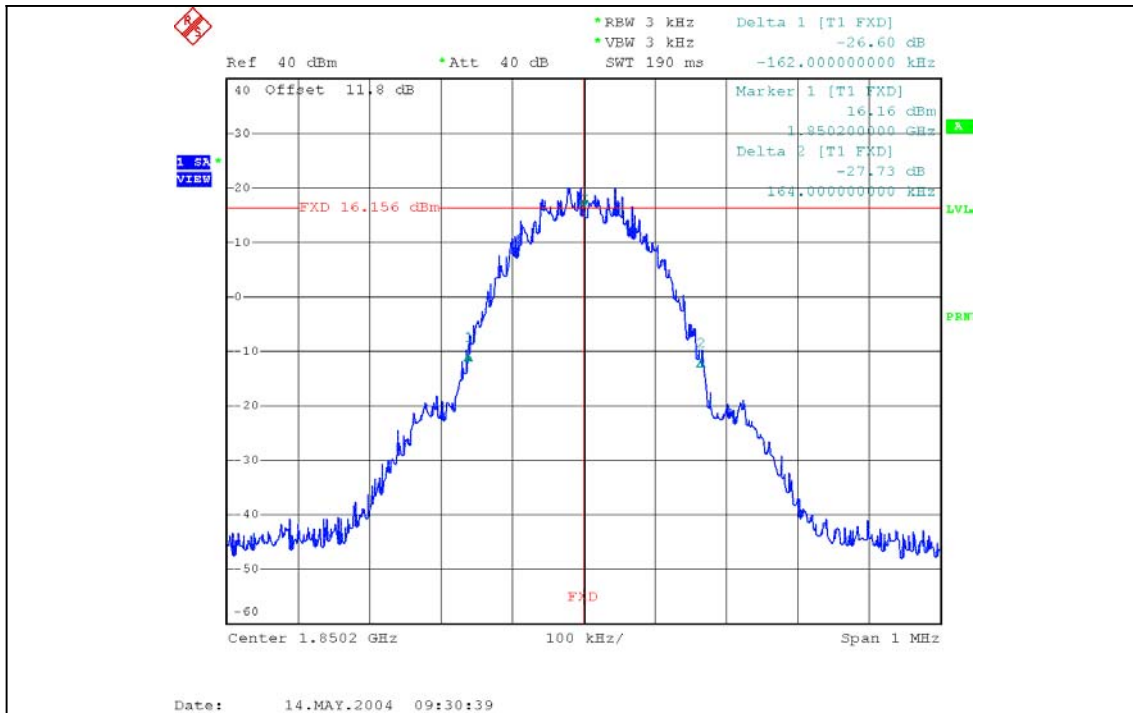
5.3.12) 8-PSK Occupied Bandwidth, High channel, 848.8 MHz, -26dBc bandwidth



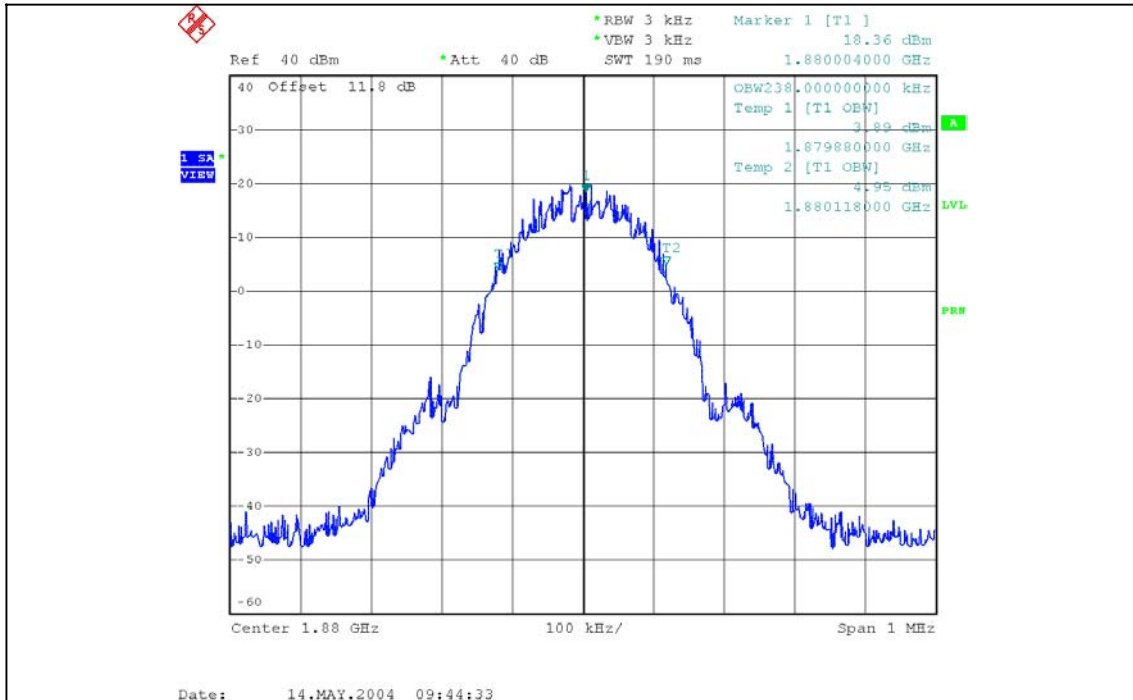
5.3.13) GMSK Occupied Bandwidth, PCS Low channel, 1850.2 MHz, 99% bandwidth



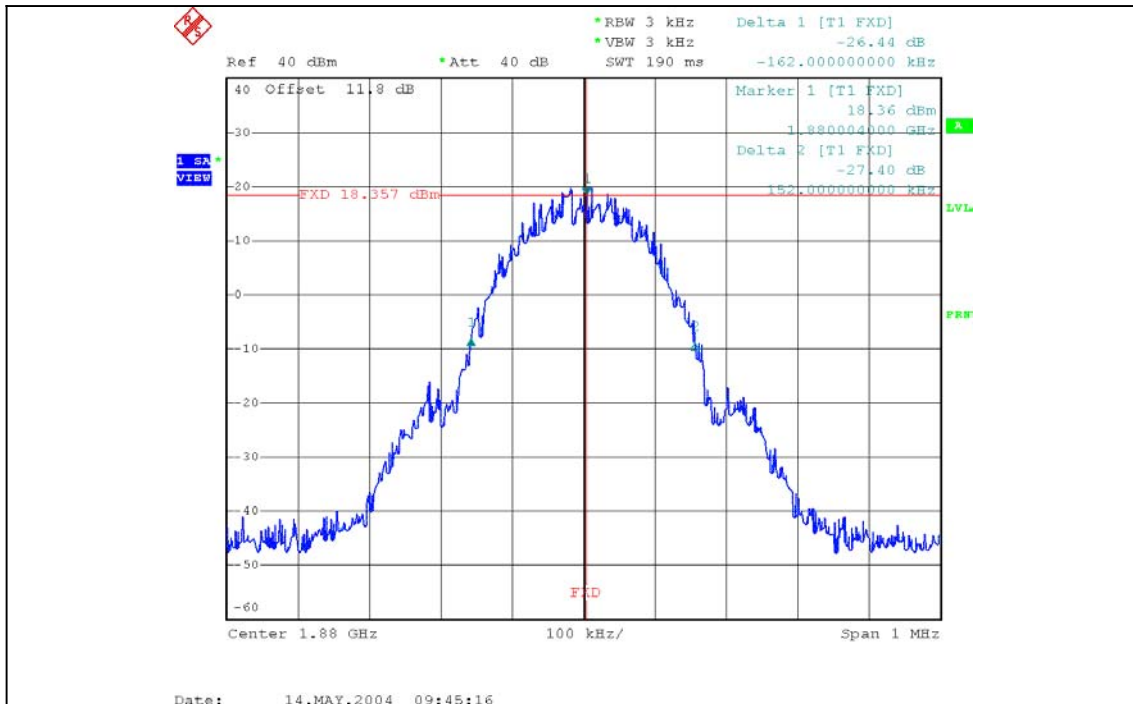
5.3.14) GMSK Occupied Bandwidth, PCS Low channel, 1850.2 MHz, -26dBc bandwidth



5.3.15) GMSK Occupied Bandwidth, PCS Middle channel, 1880.0 MHz, 99% bandwidth



5.3.16) GMSK Occupied Bandwidth, PCS Middle channel, 1880.0 MHz, -26dBc bandwidth



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*RBW 3 kHz
 *VBW 3 kHz
 *Att 40 dB
 SWT 190 ms
 Marker 1 [T1]
 16.28 dBm
 1.909802000 GHz

Ref 40 dBm
 Offset 11.8 dB

OEW238.00000000 kHz
 Temp 1 [T1 OEW]
 5.76 dBm
 1.909682000 GHz
 Temp 2 [T1 OEW]
 4.39 dBm
 1.909920000 GHz

LVL
 PRW

Center 1.9098 GHz
 100 kHz/
 Span 1 MHz

Date: 14.MAY.2004 09:42:44

Ref 40 dBm *Att 40 dB *RBW 3 kHz *VBW 3 kHz SWT 190 ms Delta 1 [T1 FXD] -25.94 dB -162.000000000 KHz

40 Offset 11.8 dB

Marker 1 [T1 FXD] 16.37 dBm

1.909800000 GHz

Delta 2 [T1 FXD] -26.24 dBm

150.000000000 KHz

FXD 16.37 dBm

FXD

Center 1.9098 GHz 100 kHz/ Span 1 MHz

1 SA VIEW

LVL

PRF

A

Date: 14.MAY.2004 09:43:29

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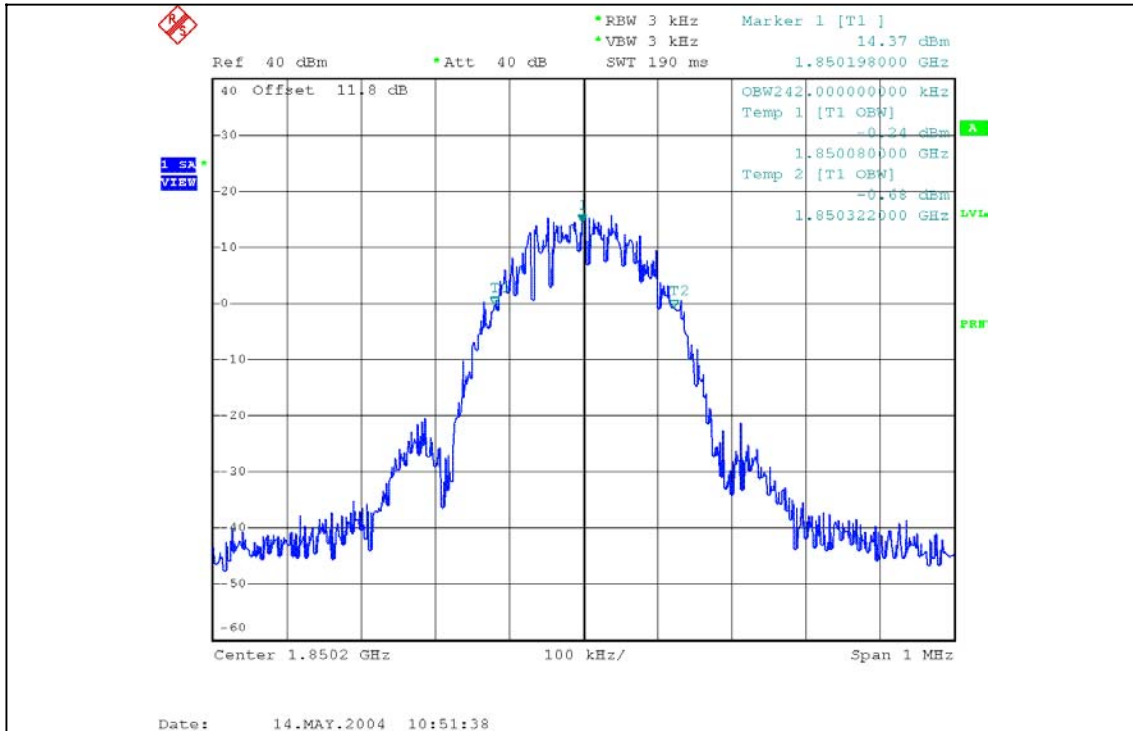
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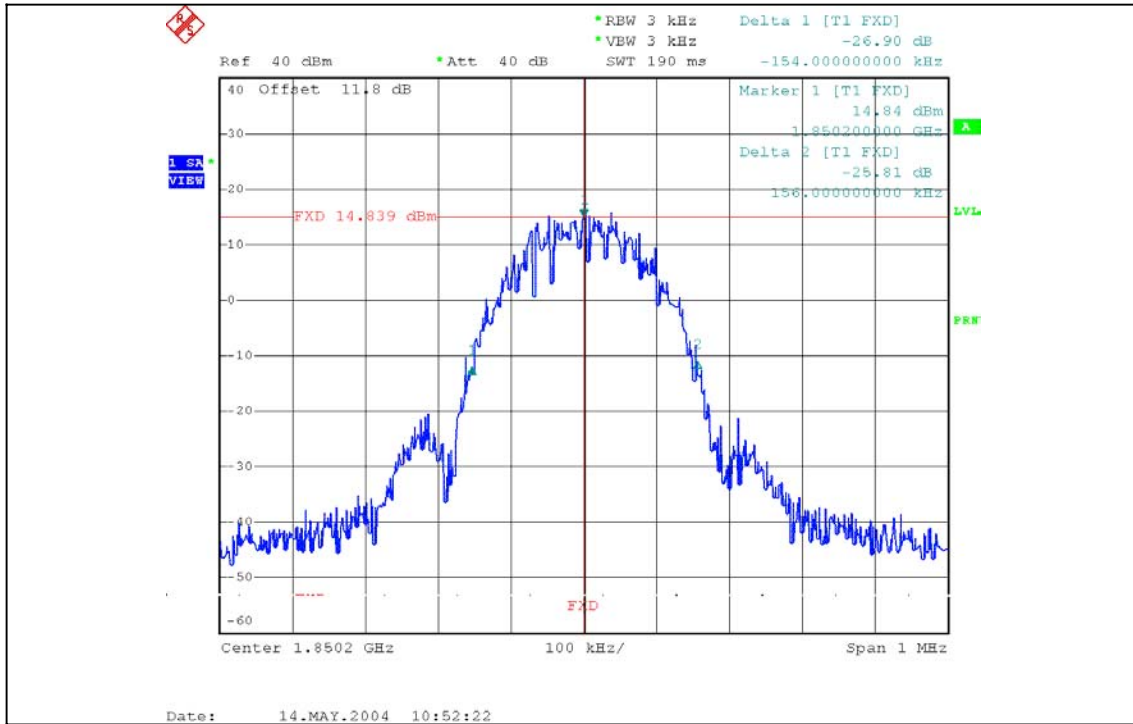
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5.3.19) 8-PSK Occupied Bandwidth, PCS Low channel, 1850.2 MHz, 99% bandwidth



5.3.20) 8-PSK Occupied Bandwidth, PCS Low channel, 1850.2 MHz, -26dBc bandwidth



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Ref 40 dBm *Att 40 dB SWT 190 ms 1.880000000 GHz

40 Offset 11.8 dB

30

20

10

0

-10

-20

-30

-40

-50

-60

Center 1.88 GHz 100 kHz/ Span 1 MHz

1 SA VIEW

OBW238.000000000 kHz
Temp 1 [T1 OBW]
0.03 dBm
1.879878000 GHz
Temp 2 [T1 OBW]
2.04 dBm
1.880116000 GHz

Ref 40 dBm *Att 40 dB RBW 3 kHz VBW 3 kHz SWT 190 ms Delta 1 [T1 FXD] 16.78 dBm Delta 2 [T1 FXD] -25.47 dB 152.00000000 kHz

Offset 11.8 dB Marker 1 [T1 FXD] 16.78 dBm 1.880000000 GHz FXD 16.78 dBm FXD

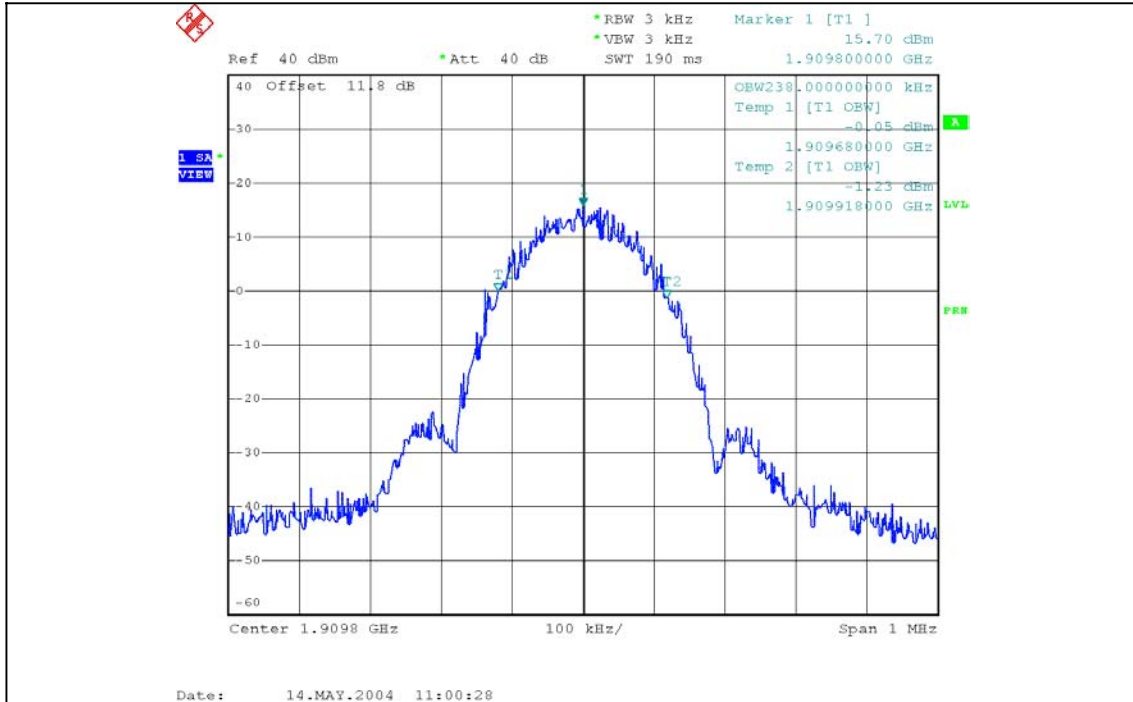
1 SA VIEW Delta 2 [T1 FXD] -25.47 dB 152.00000000 kHz LVL PRN

Center 1.88 GHz 100 kHz/ Span 1 MHz

Date: 14.MAY.2004 10:59:19

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5.3.23) 8-PSK Occupied Bandwidth, PCS High channel, 1909.8 MHz, 99% bandwidth



5.3.24) 8-PSK Occupied Bandwidth, PCS High channel, 1909.8 MHz, -26dBc bandwidth

