EXHIBIT RR – Response to Items #5 & 6

FCC ID O2Z-BT1

Measurements on the PC-module

20dB bandwidth plots:

Following 3 plots show the 20dB channel bandwidth at the lowest channel, mid channel and the highest channel.
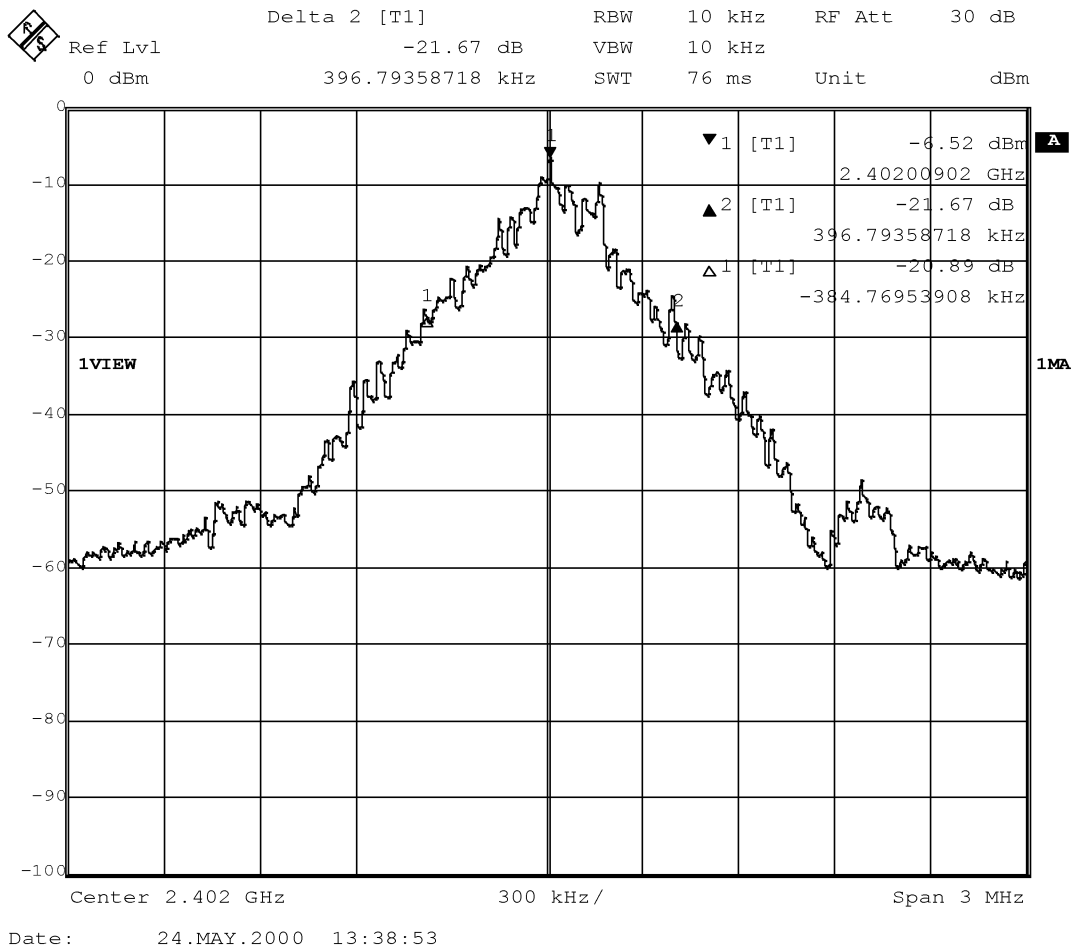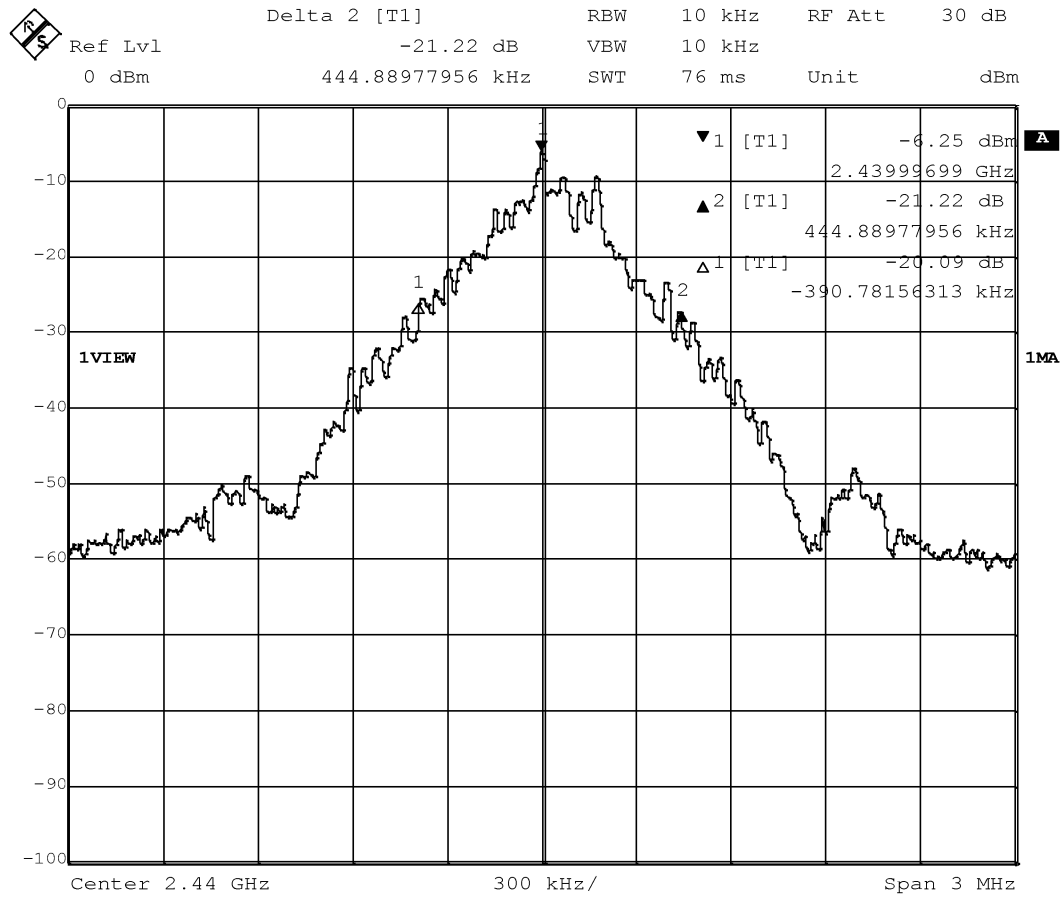

	Delta 2 [T1]		RBW	10 kHz	RF Att	30 dB
Ref Lvl		-21.67 dB	VBW	10 kHz		
0 dBm		396.79358718 kHz	SWT	76 ms	Unit	dBm

```
                                            ▼1 [T1]        -6.52 dBm   A
                                                     2.40200902 GHz
                                            ▲2 [T1]       -21.67 dB
                                                   396.79358718 kHz
                                            △1 [T1]       -20.89 dB
                                                  -384.76953908 kHz
1VIEW                                                                 1MA
```

Center 2.402 GHz   300 kHz/   Span 3 MHz

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Figure 1: 20 dB bandwidth channel 2 (active mode)

Delta 2 [T1]   RBW   10 kHz   RF Att   30 dB

Ref Lvl   -21.22 dB   VBW   10 kHz

0 dBm   444.88977956 kHz   SWT   76 ms   Unit   dBm

```
  0
                                                      ▼1 [T1]          -6.25 dBm    A
-10                                                      2.43999699 GHz

                                                      ▲2 [T1]         -21.22 dB
-20                                                      444.88977956 kHz
                                                      △1 [T1]         -20.09 dB
-30                                                      -390.78156313 kHz
1VIEW                                                                          1MA
-40

-50

-60

-70

-80

-90

-100
```

Center 2.44 GHz   300 kHz/   Span 3 MHz

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Figure 2: 20 dB bandwidth channel 40 (active mode)
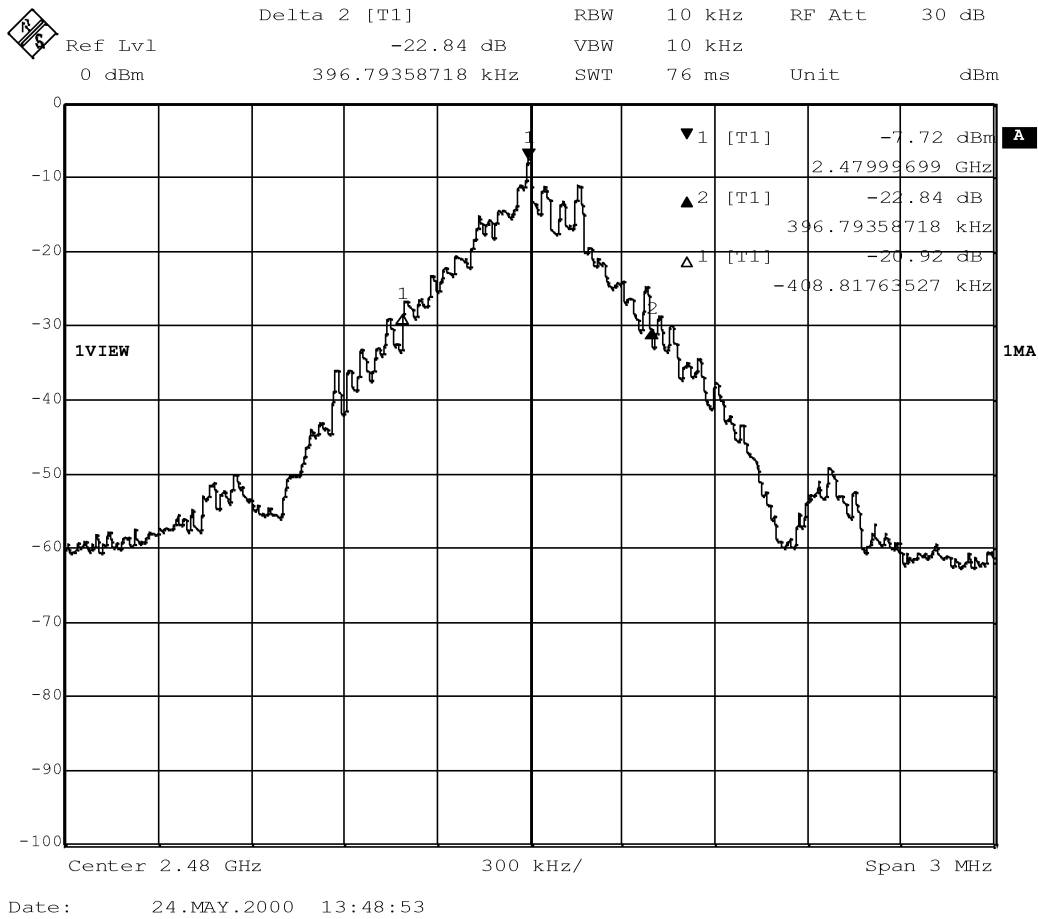
Figure 3: 20 dB bandwidth channel 80 (active mode)

Dwell time plots

To show the dwell times 3 plots are made for both page mode and inquiry mode. The 13 second time frame shows the number of blocks of activity on a channel. The 100ms plot shows the number of multiple transmissions in one block. The 300us plot shows the time period of one transmission. From these plots it is easy to derive that the dwell time is within the FCC requirements.

Page mode:

There are 5 blocks of 1.28 sec in the first plot (figure 4). In the plot of figure 5 it can be seen that every 10 msec there is a transmission. That means that in the time of 12.8 sec there are 5 (blocks)* 128 (transmissions per block) = 640 transmissions.
Every transmission lasts 182 usec. (see figure 6) So the active time on a channel is: 640*182u = 116.5 ms. This is well within the spec of 400msec max.
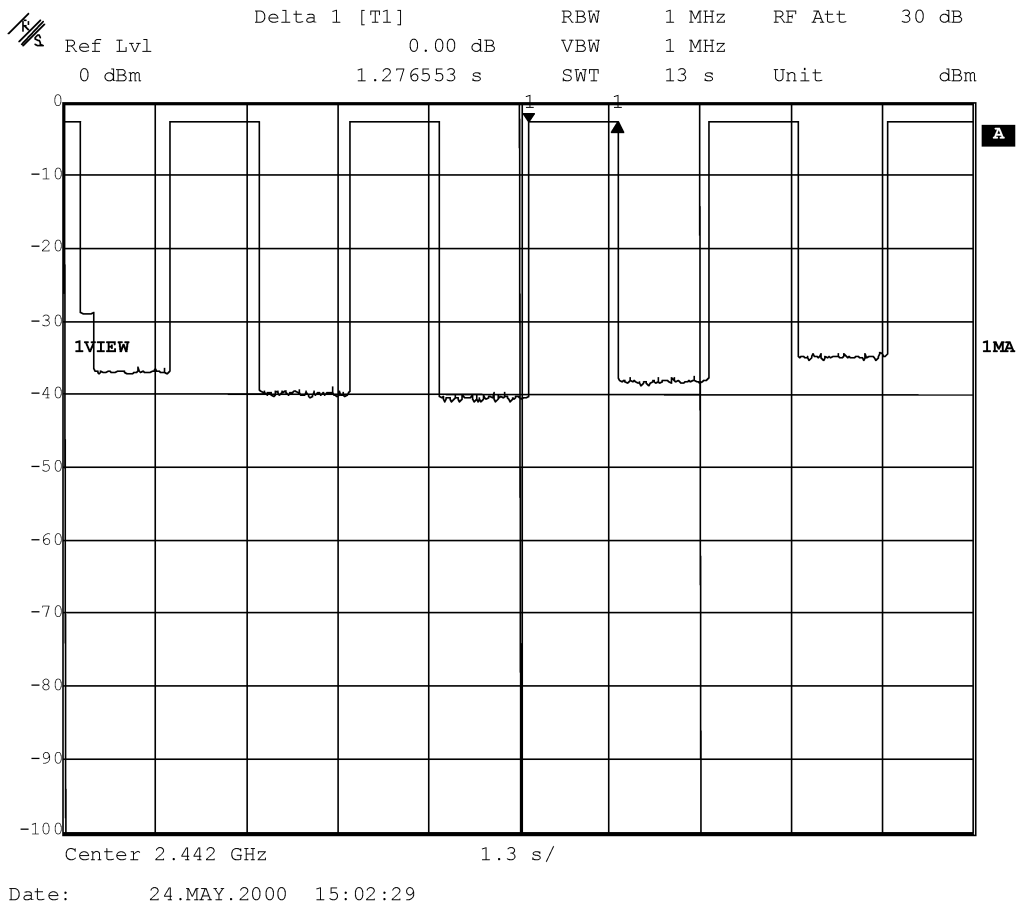
```
              Delta 1 [T1]              RBW    1 MHz    RF Att    30 dB
      Ref Lvl                   0.00 dB  VBW    1 MHz
        0 dBm              1.276553 s    SWT    13 s     Unit       dBm
```

Center 2.442 GHz   1.3 s/

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Figure 4: 13 second plot of activity on one channel in page mode
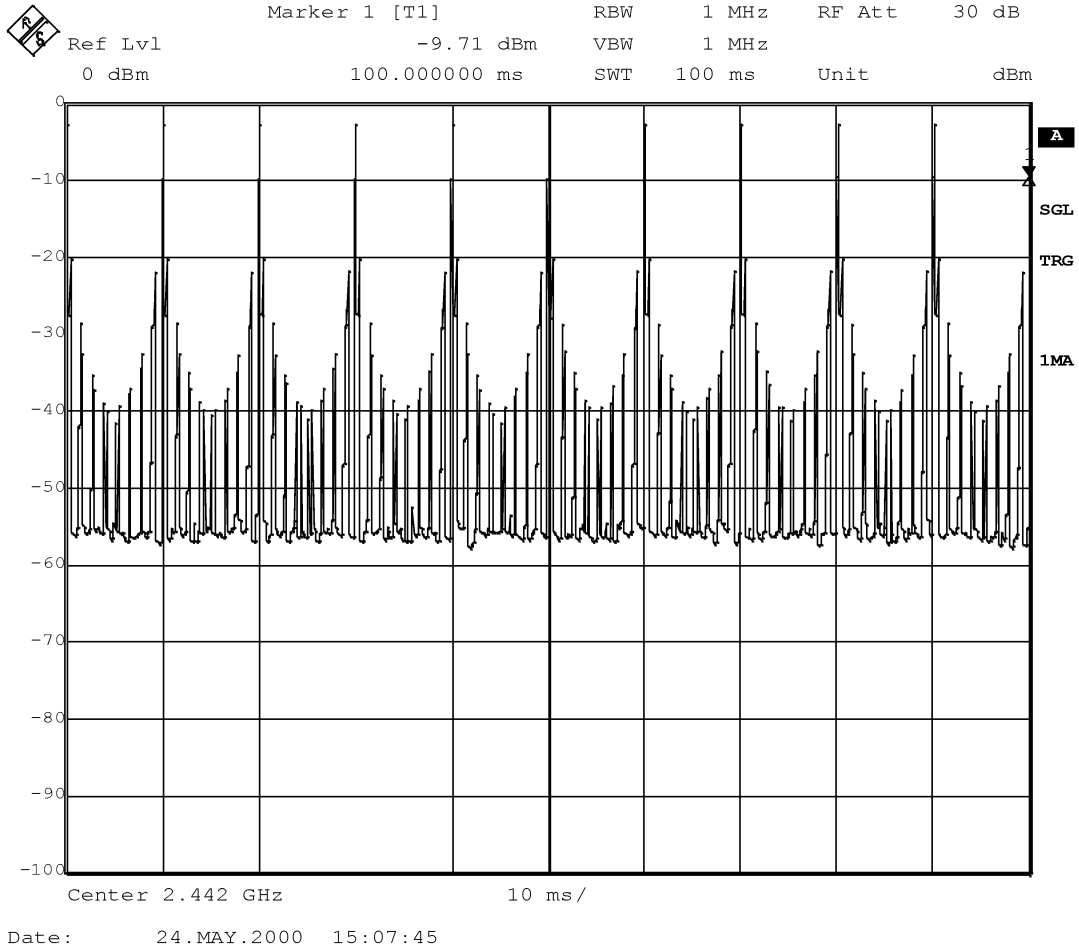
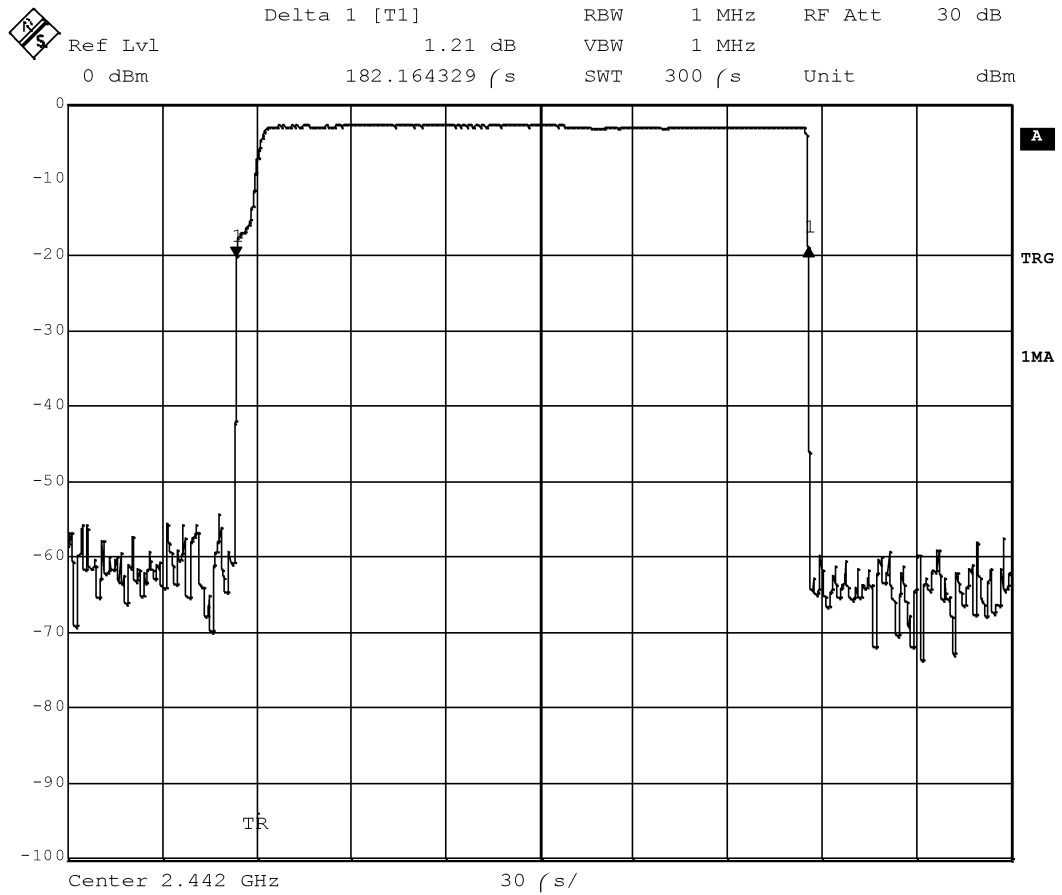Figure 5: 100 millisecond plot of activity on one channel in page mode

Figure 6: 300 microsecond plot of activity on one channel in page mode

Inquiry mode:

There are 2 blocks of 2.56 sec in the first plot (figure 7). In the plot of figure 8 it can be seen that every 10 msec there is a transmission. That means that in the time of 12.8 sec there are 2 (blocks)* 256 (transmissions per block) = 512 transmissions.
Every transmission lasts 182 usec. (figure 9) So the active time on a channel is: 512*182u = 98.3 ms. This is well within the spec of 400msec max.

```
        Delta 1 [T1]              RBW    1 MHz   RF Att    30 dB
Ref Lvl                   -0.02 dB   VBW    1 MHz
   0 dBm               2.553282 s    SWT    13 s    Unit      dBm
```
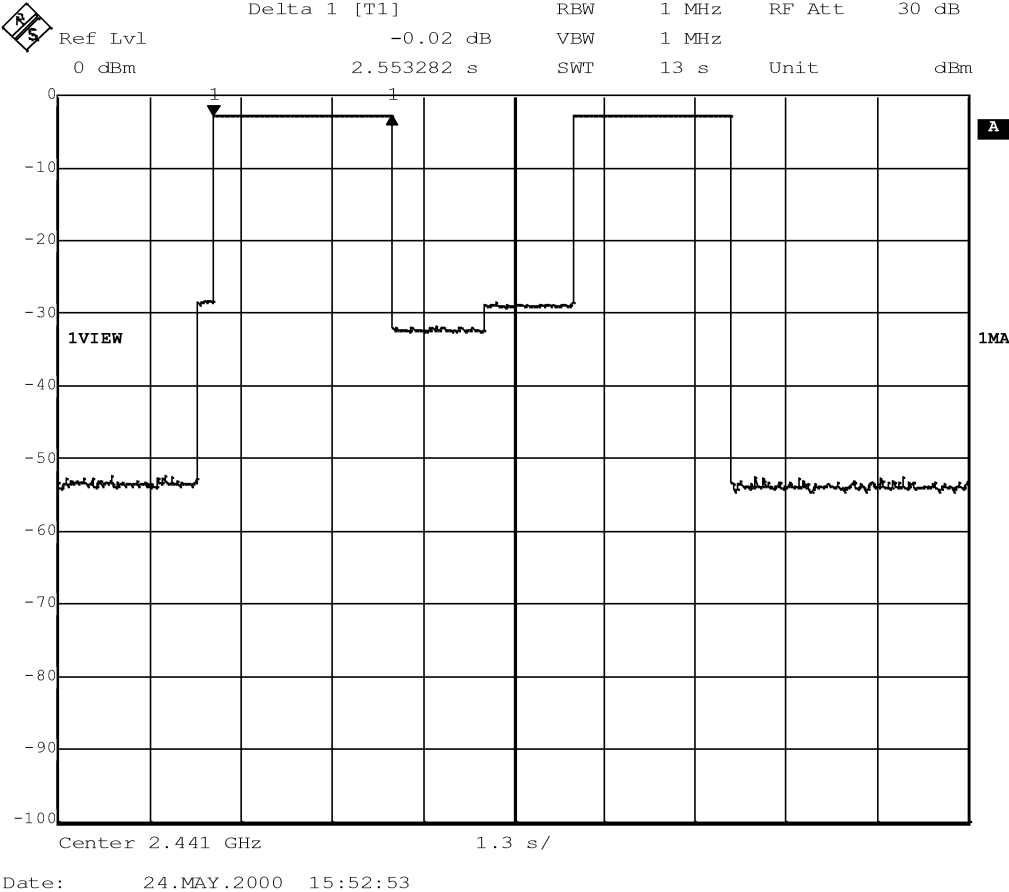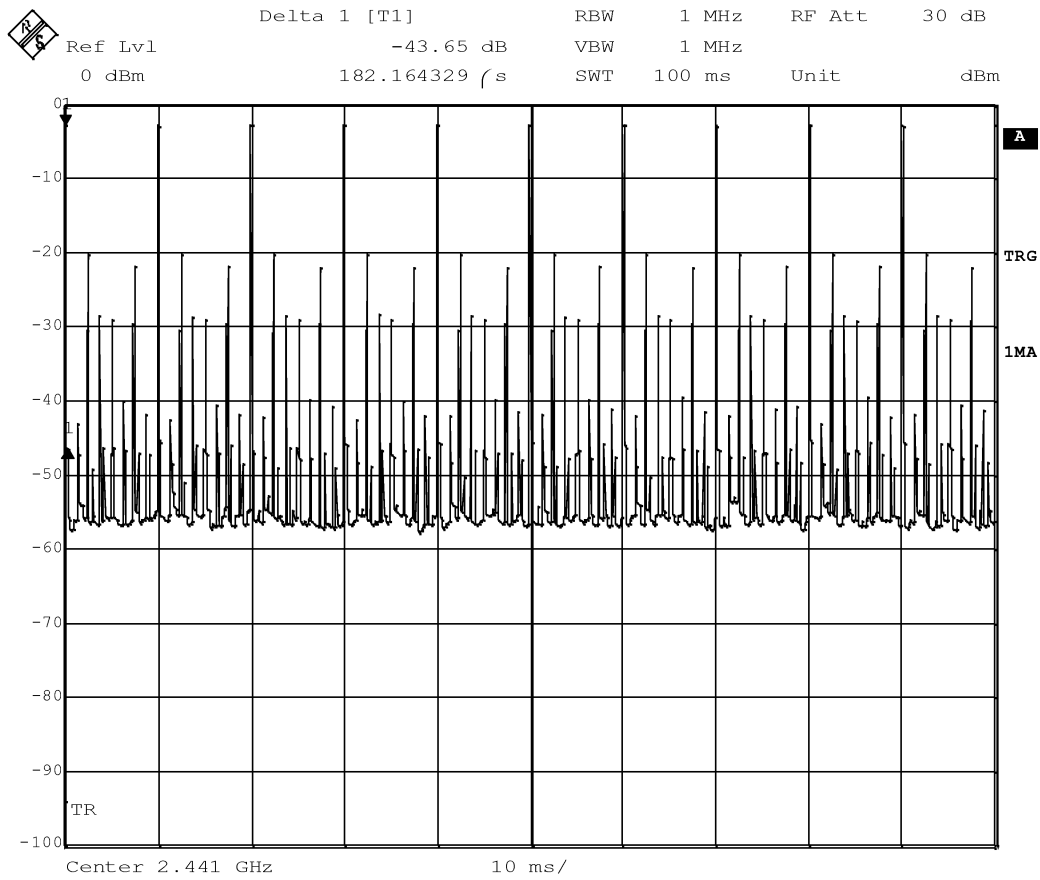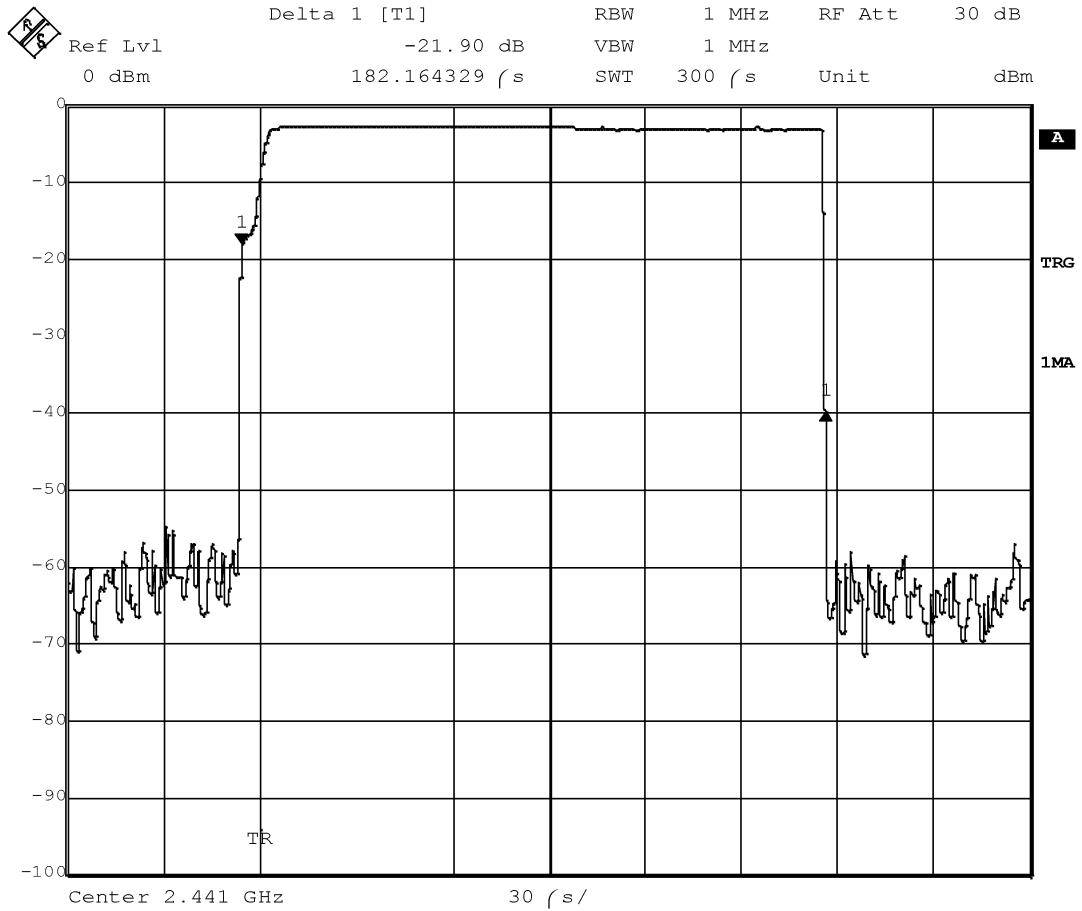
Center 2.441 GHz   1.3 s/

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Figure 7: 13 second plot of activity on one channel in inquiry mode

Figure 8: 100 millisecond plot of activity on one channel in inquiry mode

Figure 9: 300 microsecond plot of activity on one channel in inquiry mode

Power density plot

The plots are given on the following figures of the power density in page and inquiry mode:
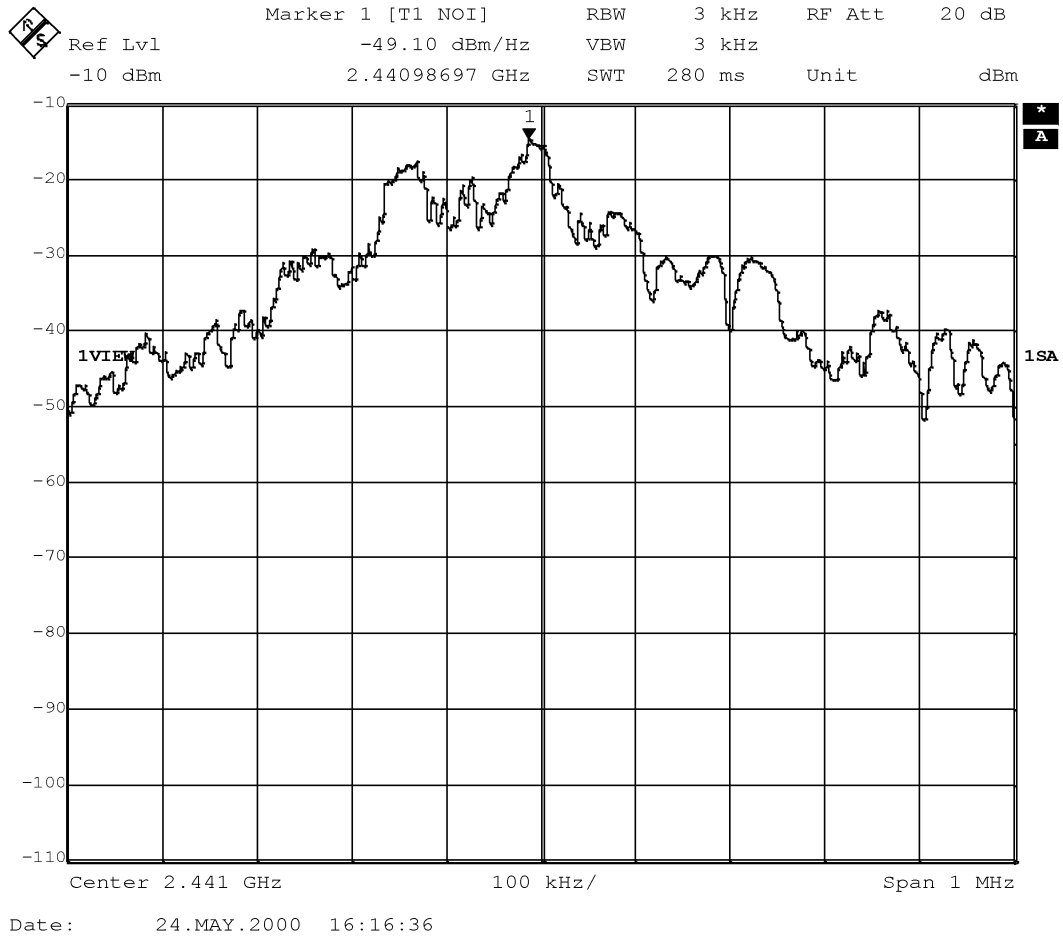

	Marker 1 [T1 NOI]		RBW	3 kHz	RF Att	20 dB
Ref Lvl		−49.10 dBm/Hz	VBW	3 kHz		
−10 dBm		2.44098697 GHz	SWT	280 ms	Unit	dBm

Center 2.441 GHz   100 kHz/   Span 1 MHz

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Figure 10: power density in page mode

Marker 1 [T1 NOI]		RBW	3 kHz	RF Att	20 dB
Ref Lvl	−49.88 dBm/Hz	VBW	3 kHz		
−10 dBm	2.44100100 GHz	SWT	280 ms	Unit	dBm

Center 2.441 GHz   100 kHz/   Span 1 MHz
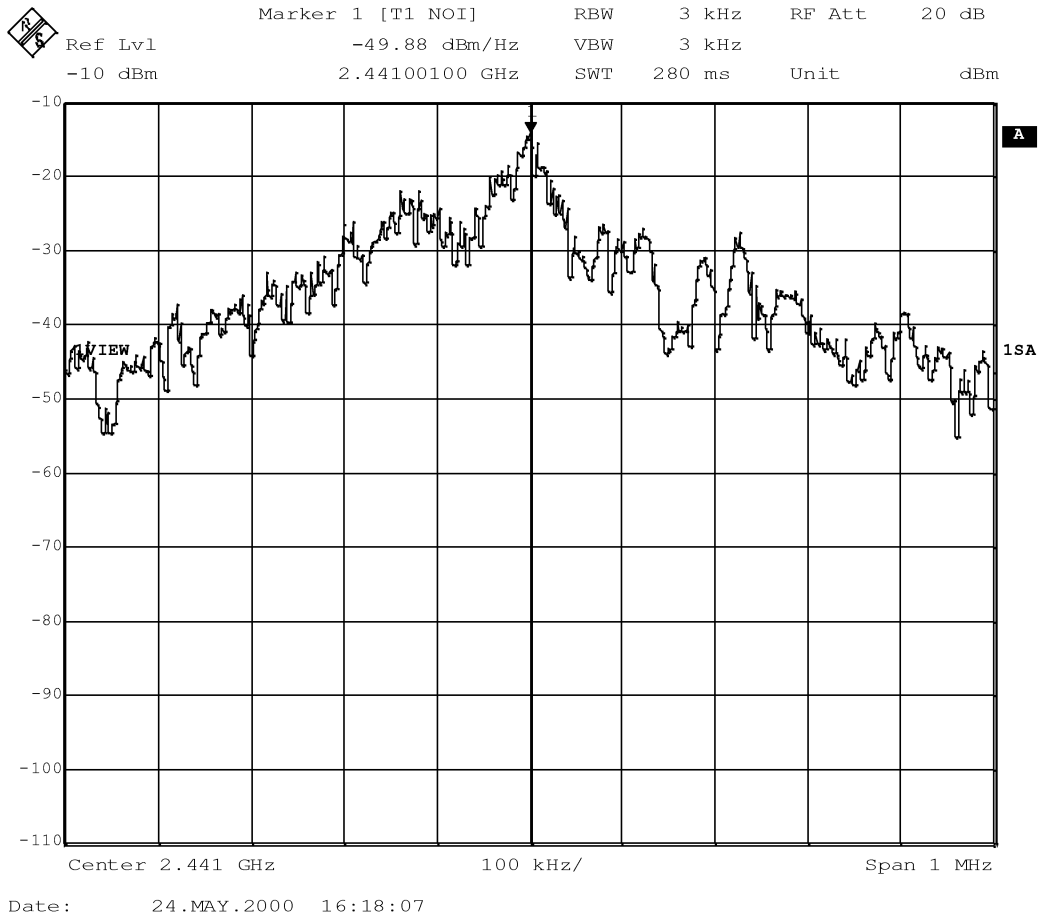
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Figure 11: power density in inquiry mode

Plots FCC 20 dB bandwidth in page and inquiry modes
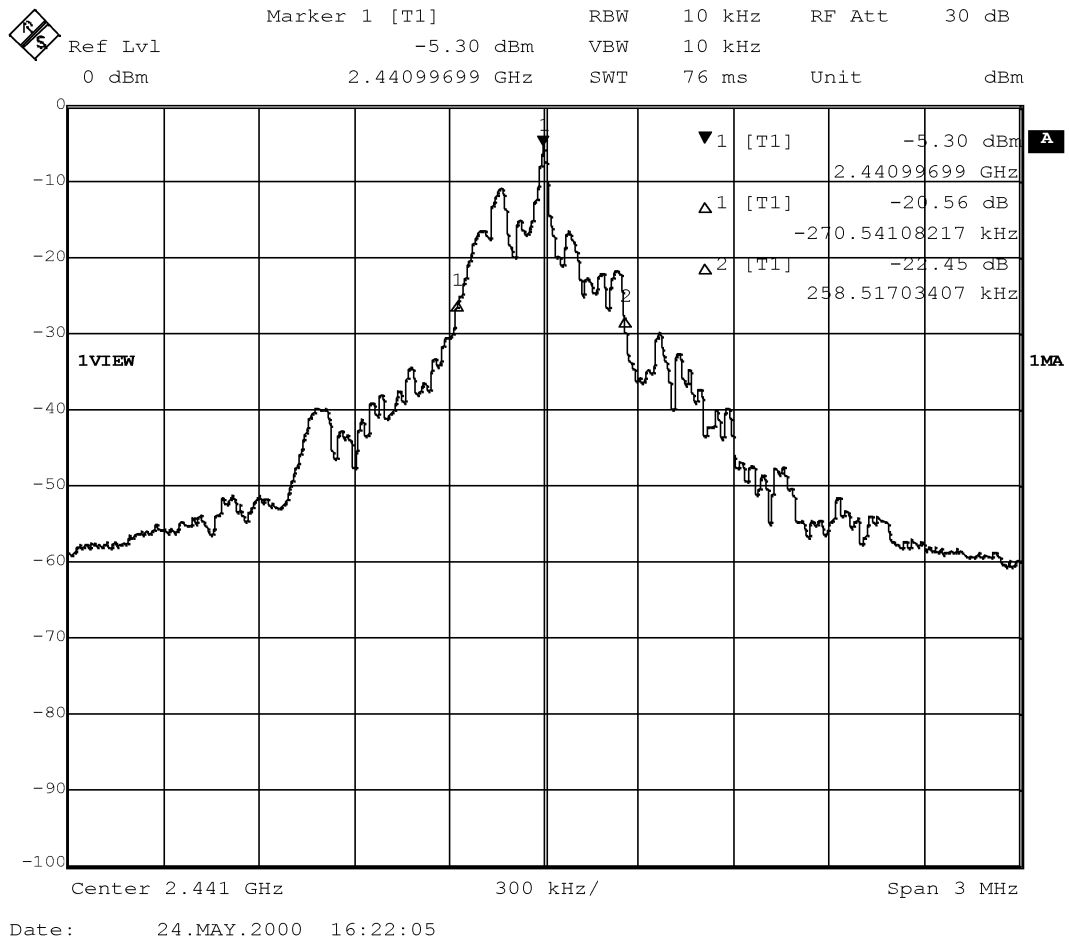
Figure 12: FCC 20 dB bandwidth in page mode

	Delta 2 [T1]		RBW	10 kHz	RF Att	30 dB
Ref Lvl		-19.83 dB	VBW	10 kHz		
0 dBm		252.50501002 kHz	SWT	76 ms	Unit	dBm

▼1 [T1] −5.68 dBm
2.44099699 GHz

▲2 [T1] −19.83 dB
252.50501002 kHz

△1 [T1] −19.85 dB
−282.56513026 kHz

1VIEW

A

1MA

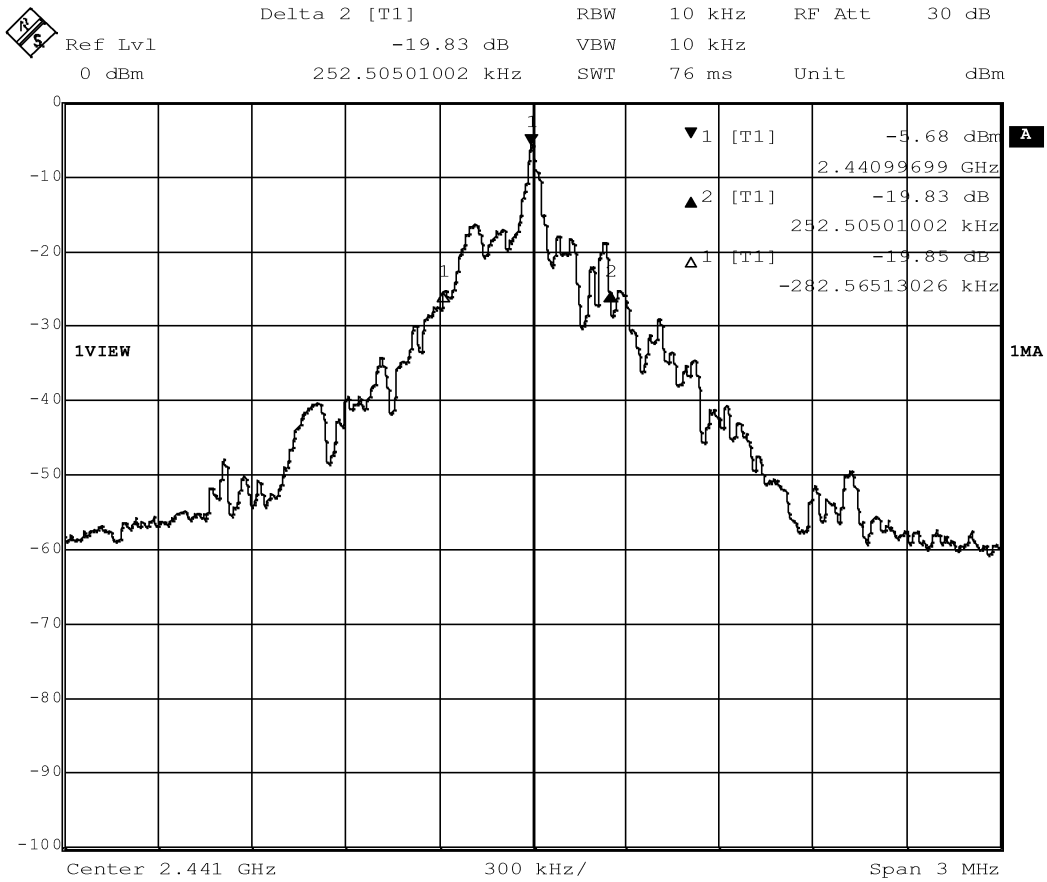Center 2.441 GHz   300 kHz/   Span 3 MHz

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Figure 13: FCC 20 dB bandwidth in inquiry mode