



Appendix A

20dB bandwidth measurement

According to FCC Part 15.247 (a) (1)



Modulation: $\pi/4$ -DQPSK Channel 0 (2402MHz)





Channel 40 (2442MHz)

Agilent
R T

FreqRefUnlock

Ch Freq 2.442 GHz **Trig** Free

Occupied Bandwidth []

Center Freq
2.44200000 GHz

Start Freq
2.44100000 GHz

Stop Freq
2.44300000 GHz

CF Step
200.000000 kHz
Auto Man

Freq Offset
0.00000000 Hz

Signal Track
On Off

Ref 20 dBm #Atten 30 dB

#Peak
Log
10
dB/
Offst
7
dB

Center 2.442 000 GHz Span 2 MHz

#Res BW 30 kHz #VBW 100 kHz #Sweep 10 ms (601 pts)

Occupied Bandwidth **Occ BW % Pwr** 99.00 %

1.2005 MHz **x dB** -20.00 dB

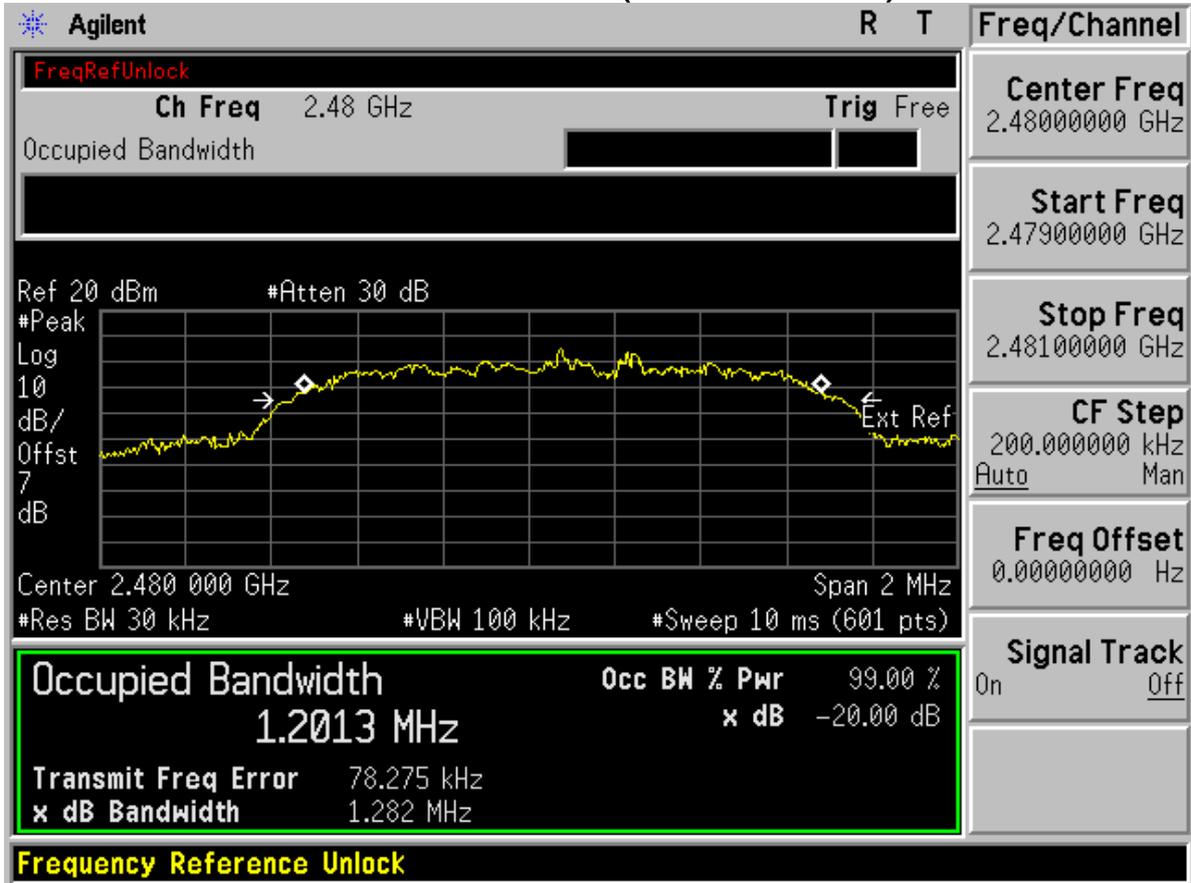
Transmit Freq Error 79.723 kHz

x dB Bandwidth 1.283 MHz

Frequency Reference Unlock

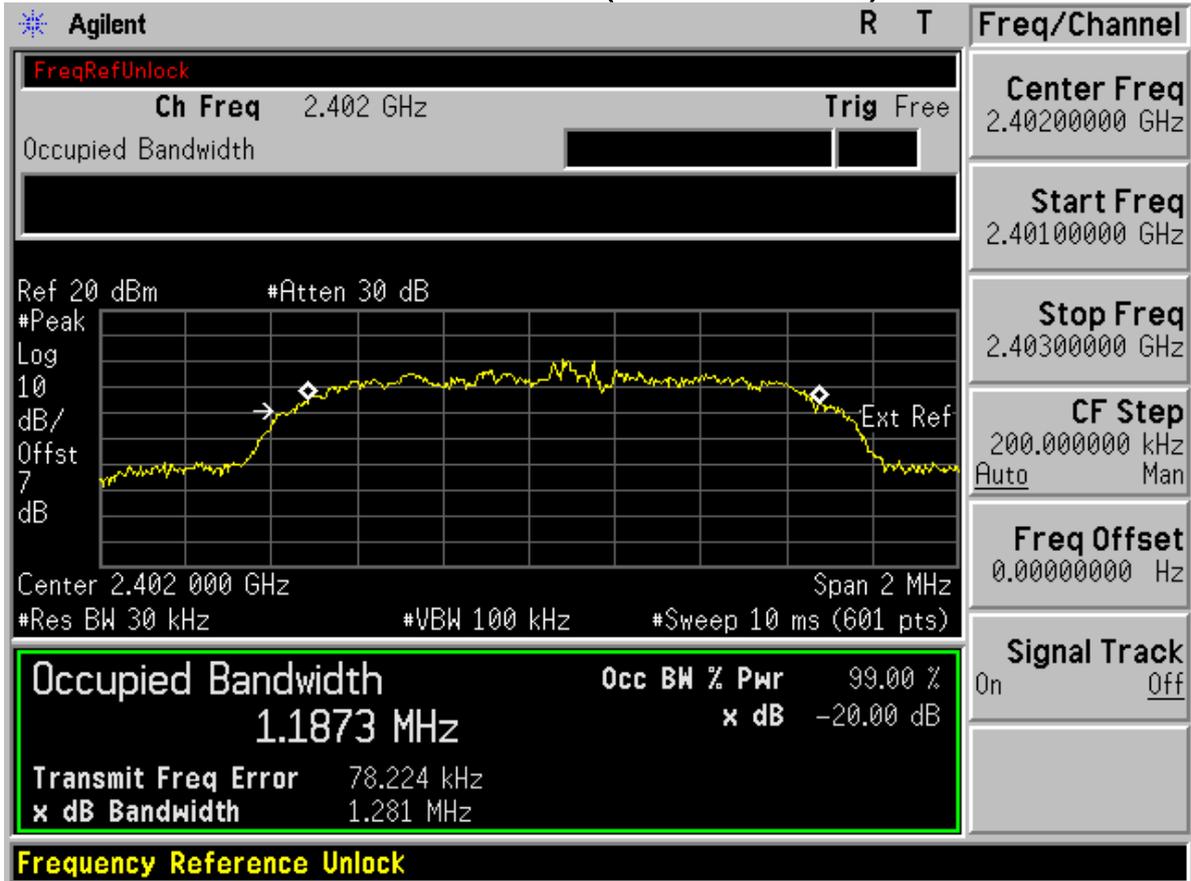


Channel 78 (2480MHz)



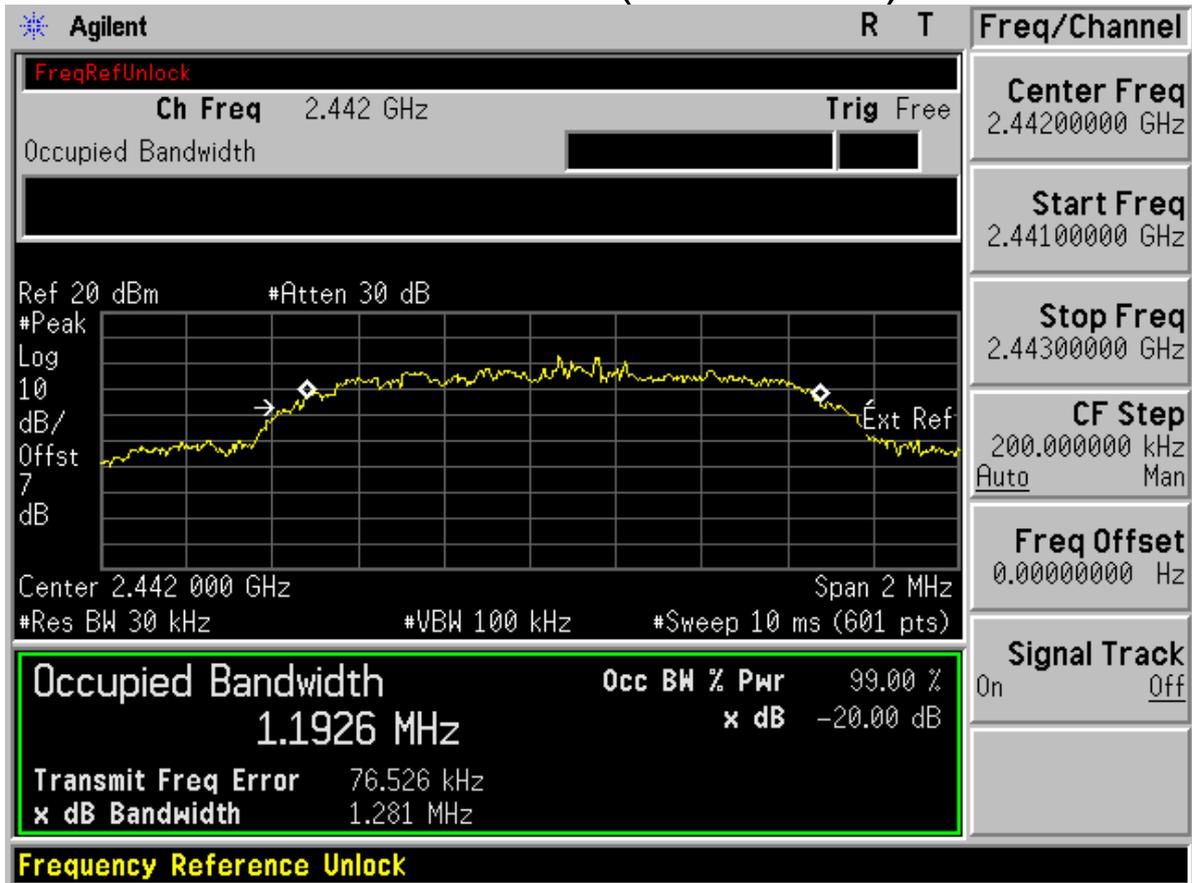


Modulation: 8DPSK Channel 0 (2402MHz)





Channel 40 (2442MHz)





Channel 78 (2480MHz)

