



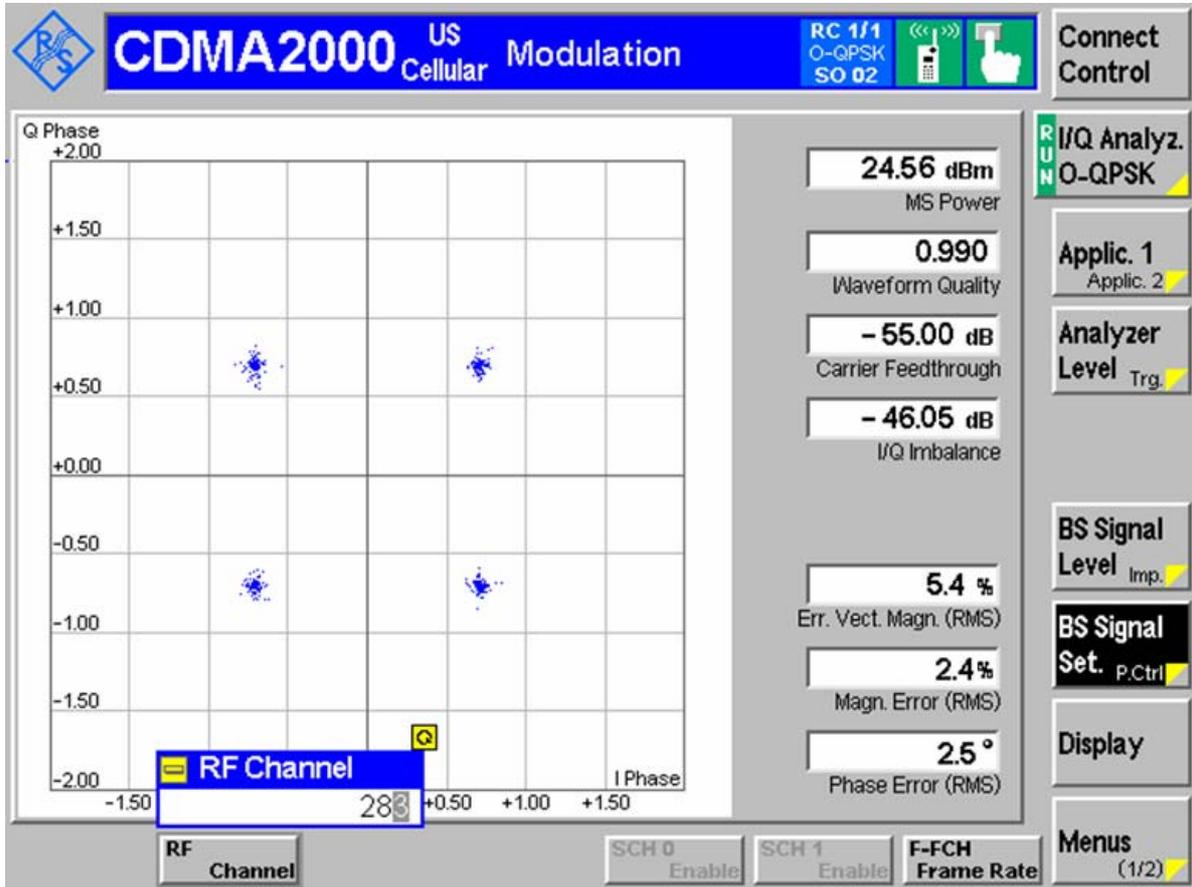
# Appendix A

## Modulation Characteristics

According to FCC Part 2.1047 & Part22 Subpart H

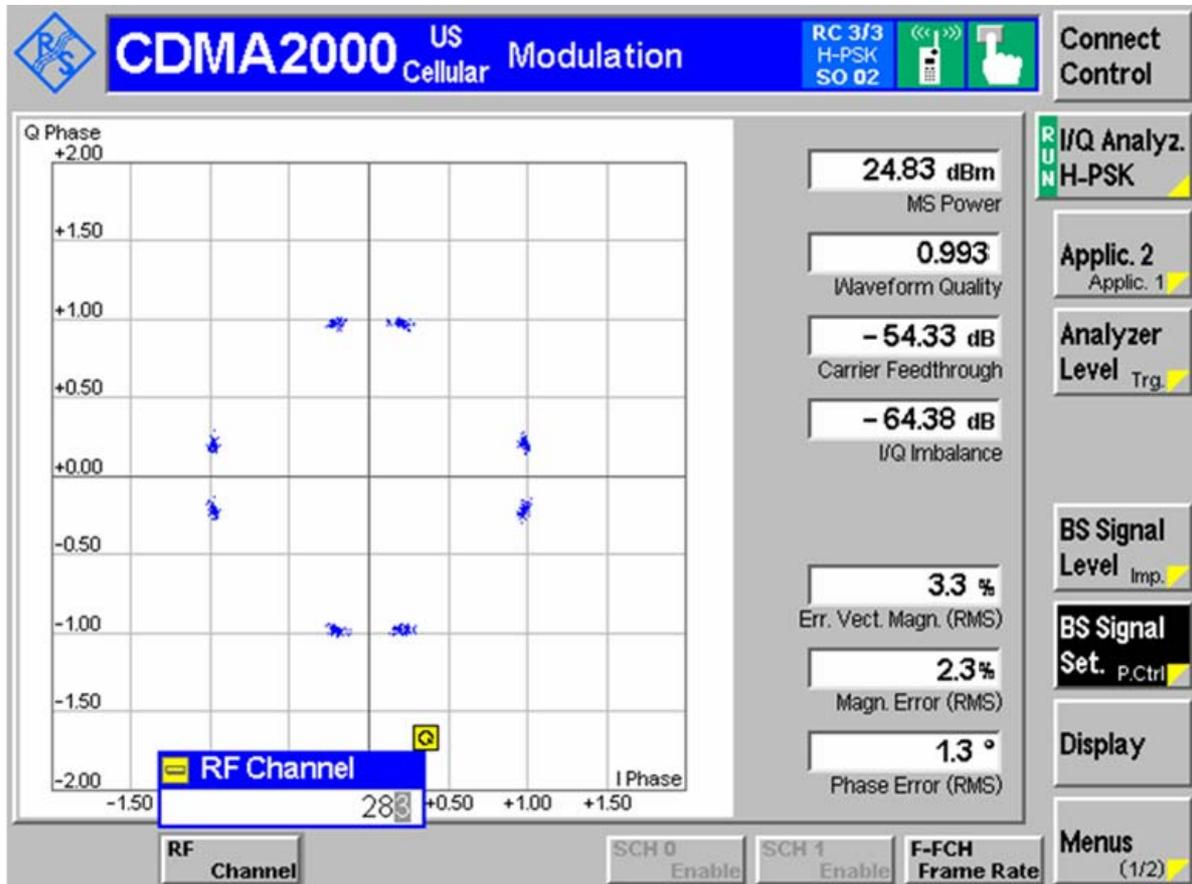


# Channel 283(TM1)



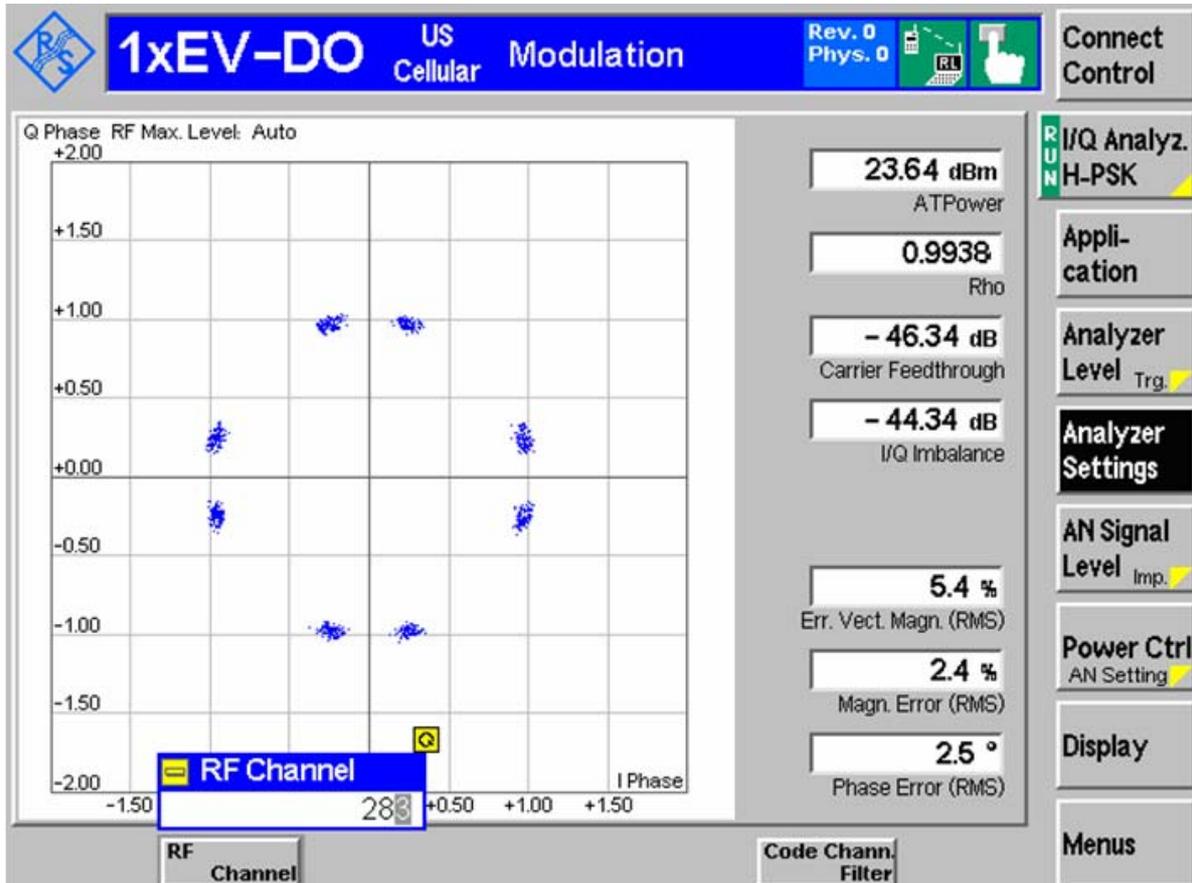


# Channel 283(TM3)





## Channel 283 (Subtype 0) (HPSK)

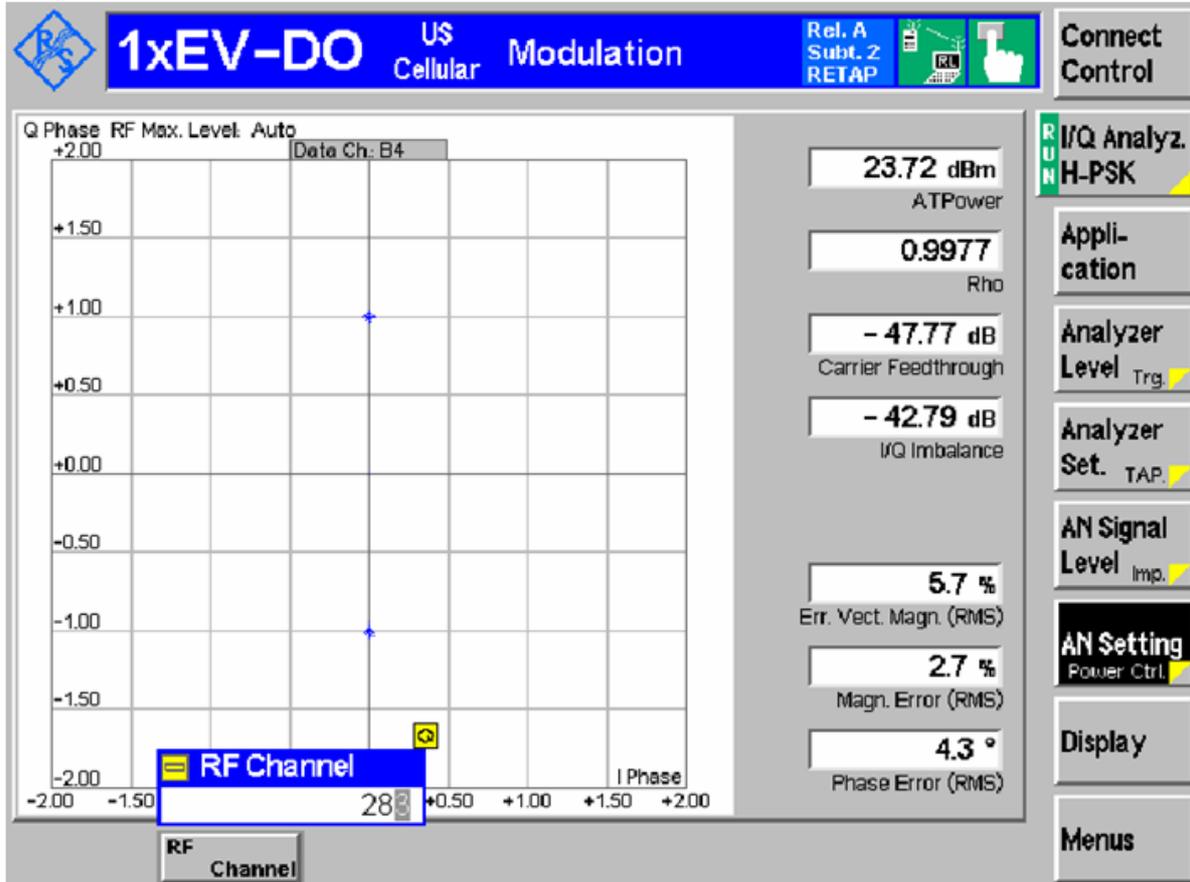




## Channel 283 (Subtype 2)

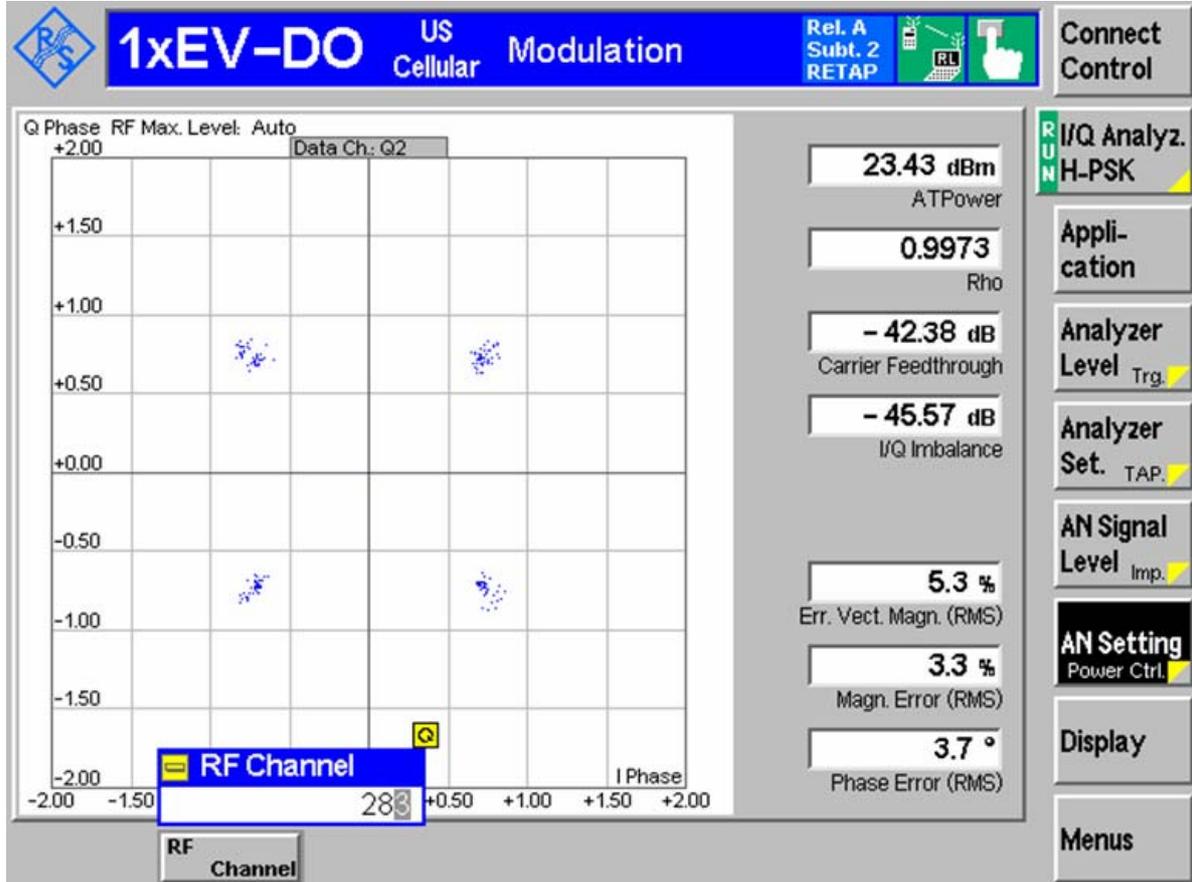
The R-Data packet size determines the modulation format:

R-Data Pkt Size (256 bits) (BPSK)



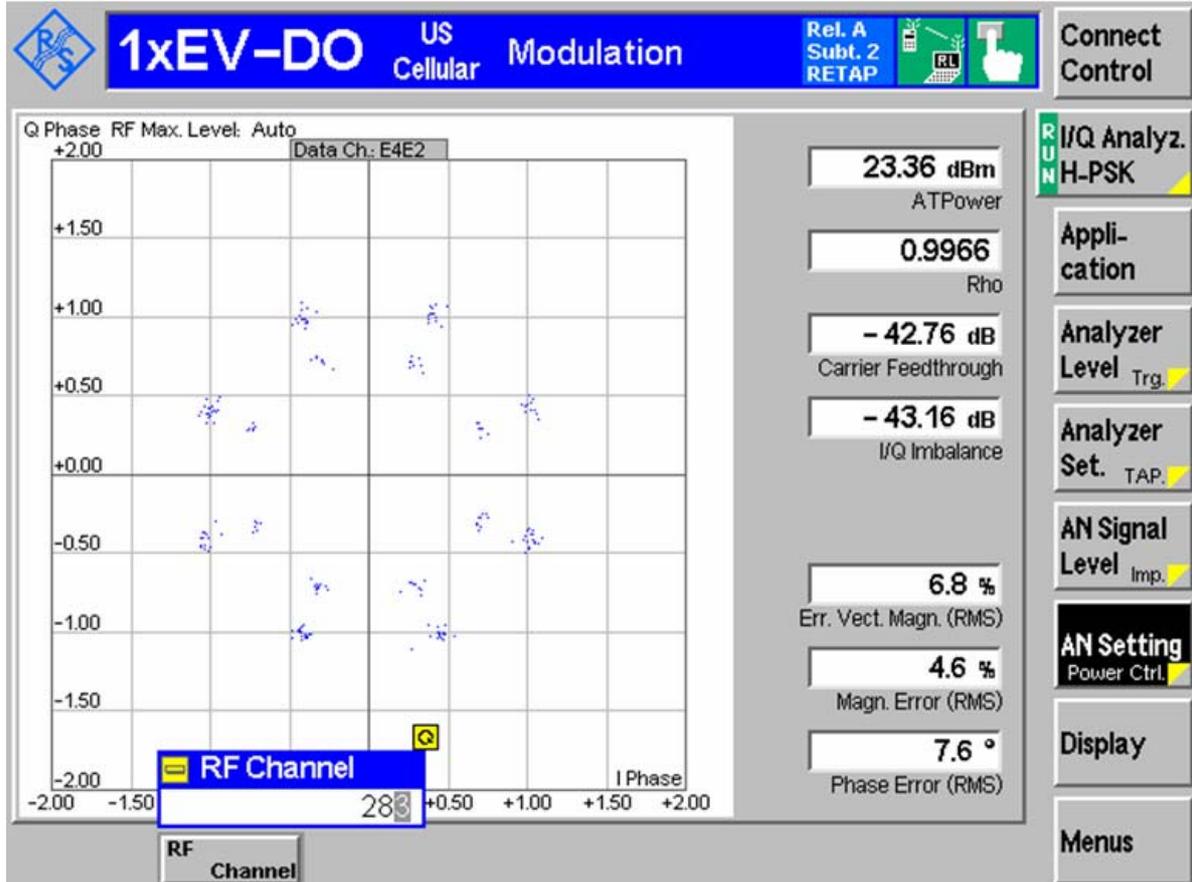


R-Data Pkt Size (4096 bits) (QPSK)





R-Data Pkt Size (12288 bits) (8PSK)



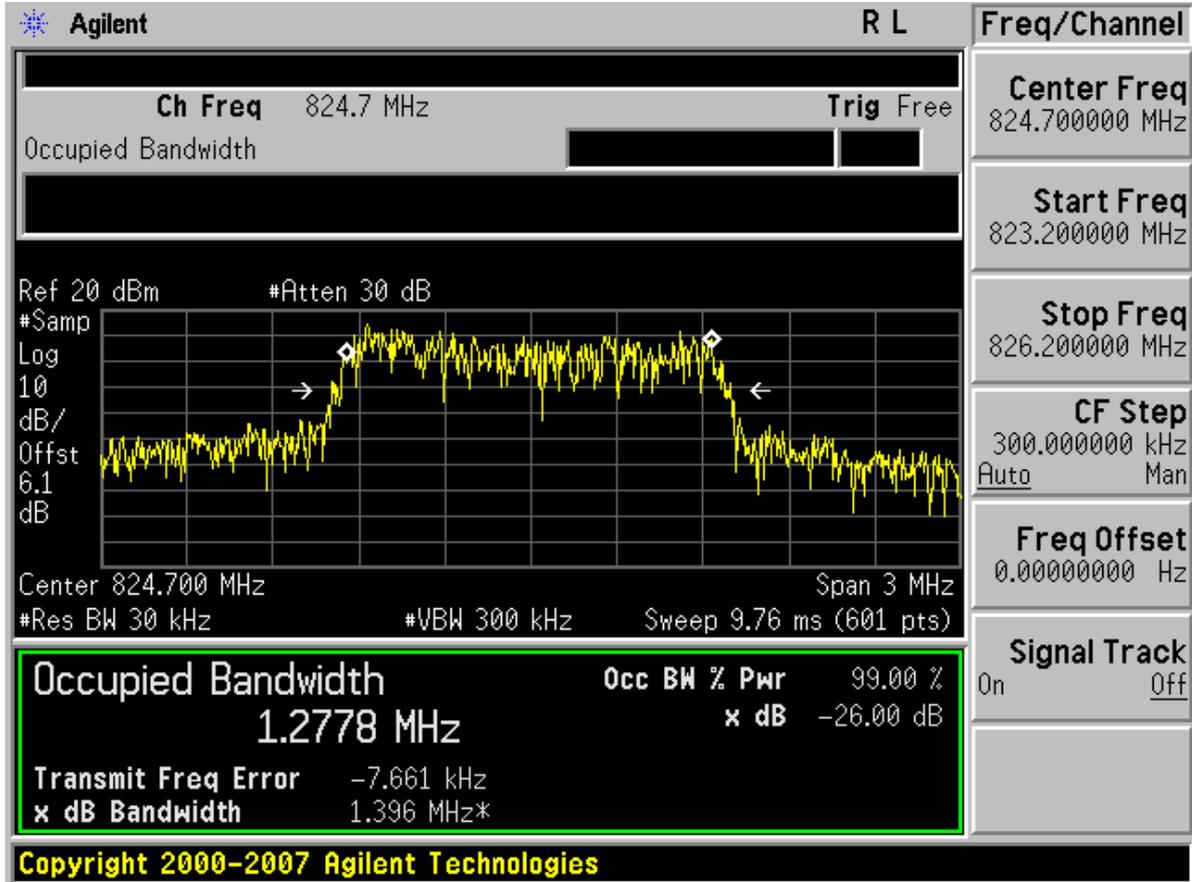


# **Appendix B**

## **Occupied Bandwidth** According to FCC Part 2.1049 & Part 22 Subpart H

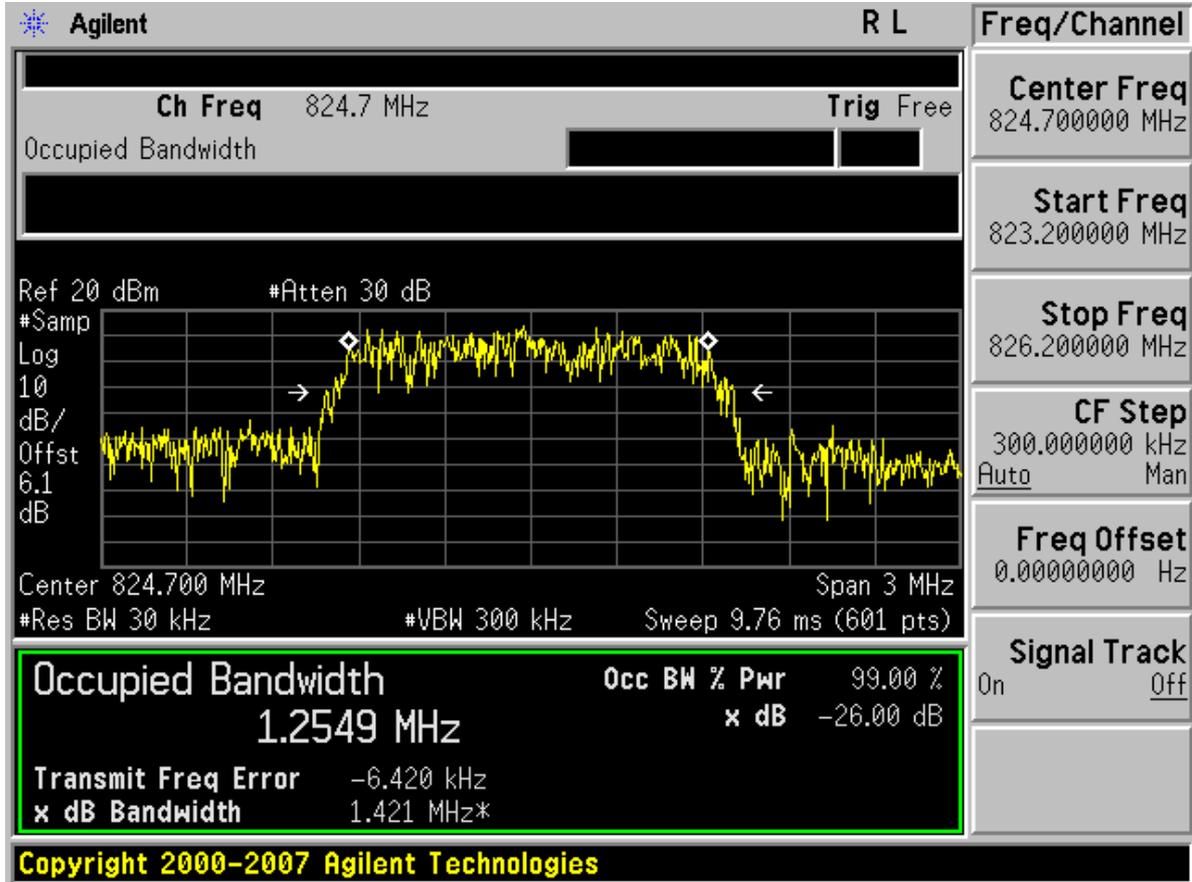


## Channel 1013 (TM1)





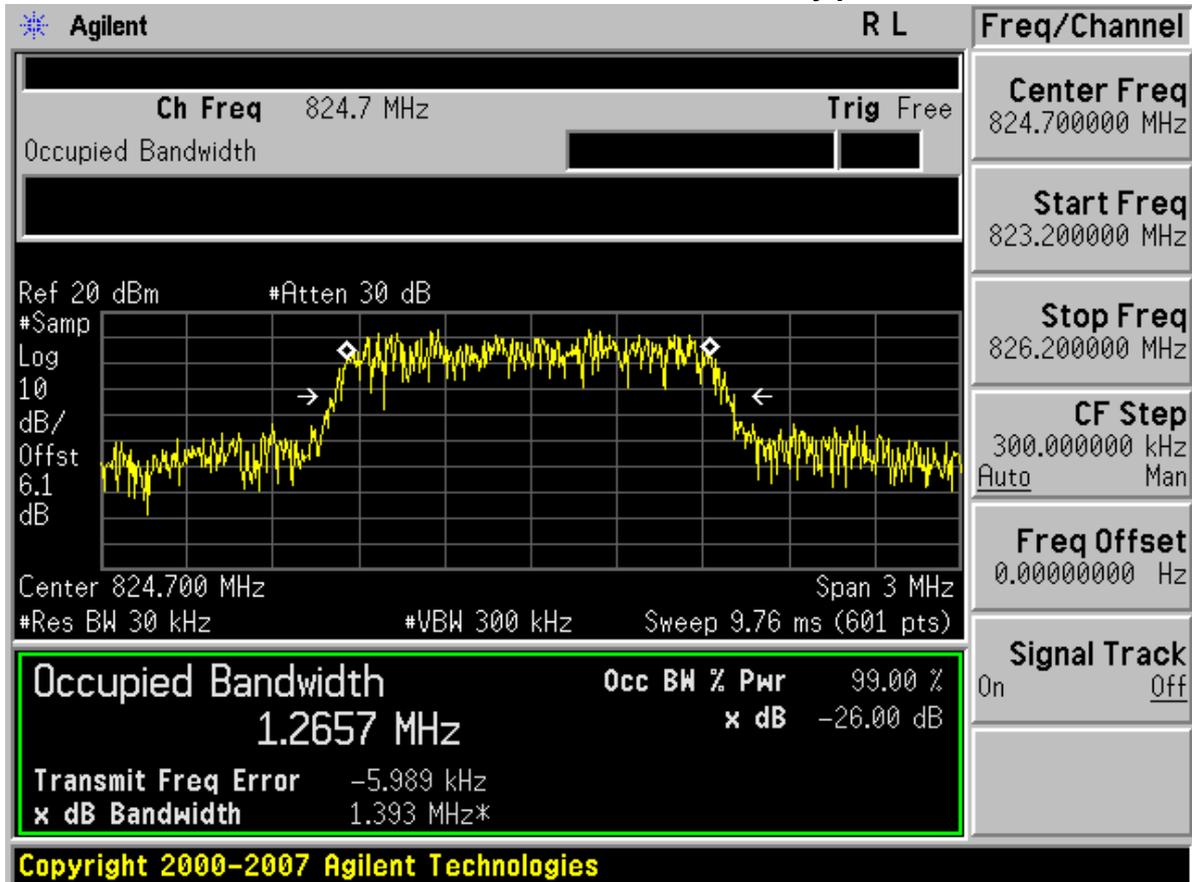
## Channel 1013 (TM3)





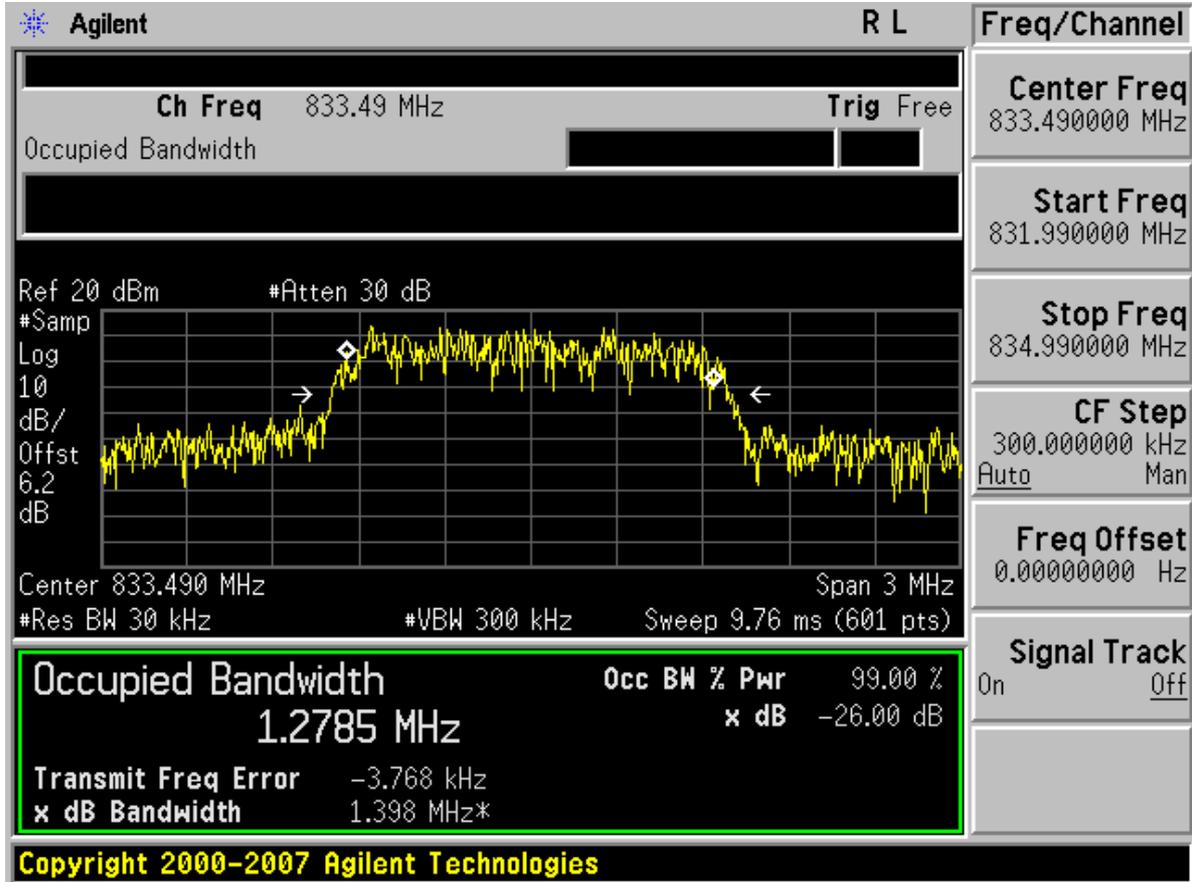


## Channel 1013 (EVDO subtype 2)



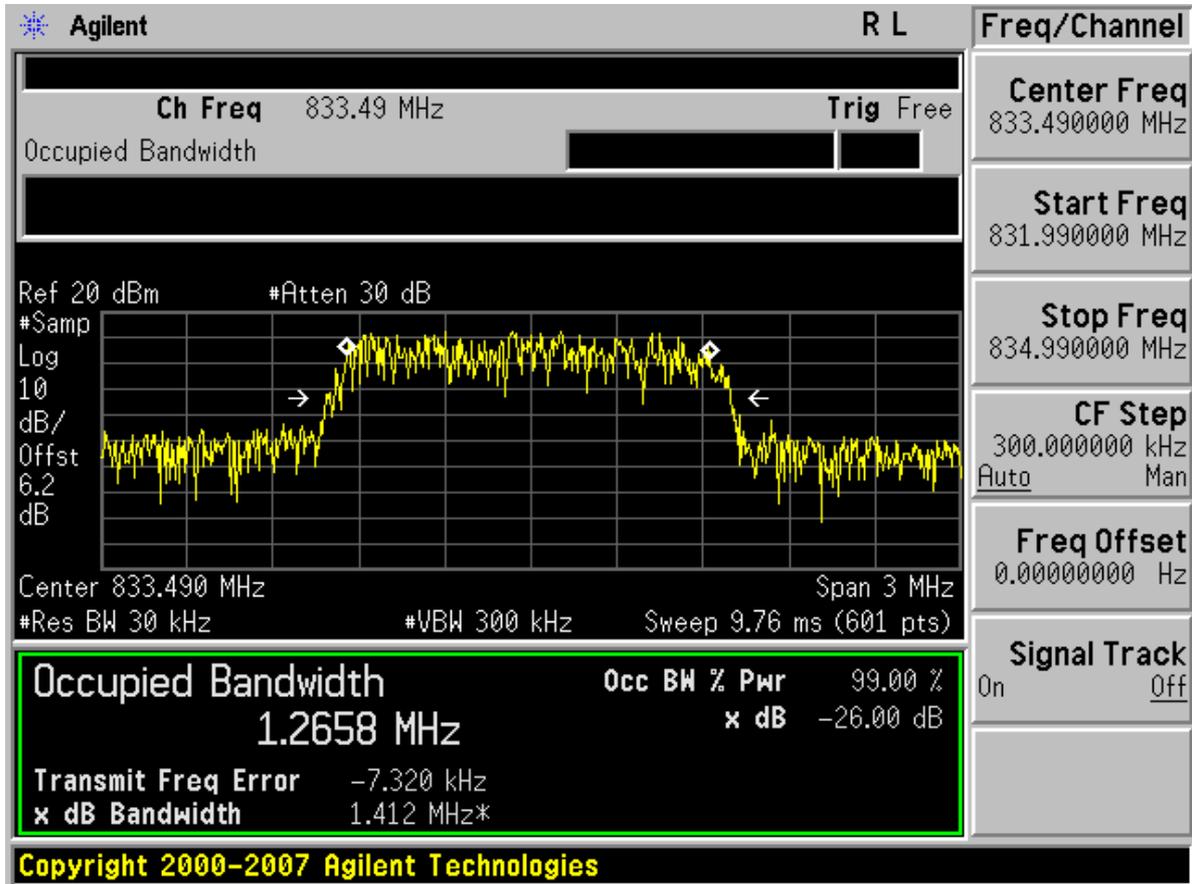


## Channel 283 (TM1)



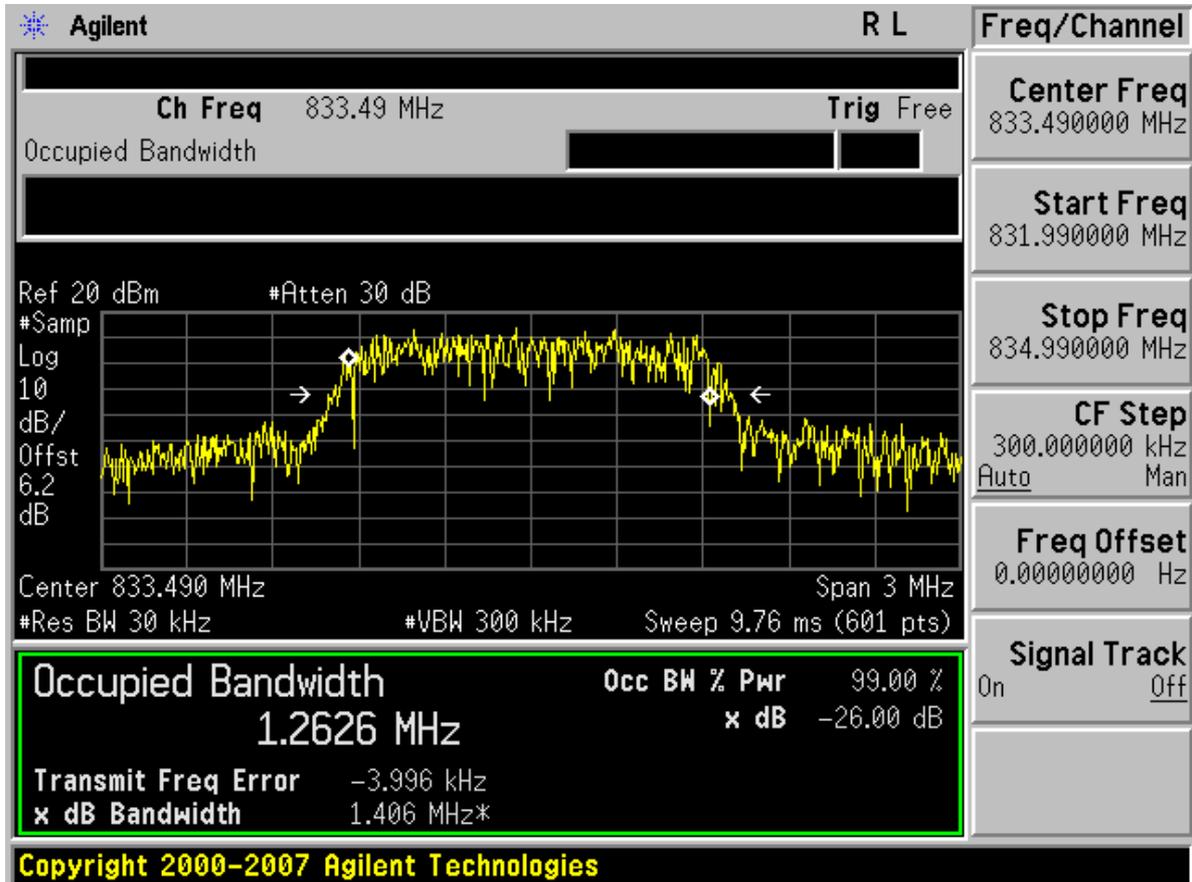


## Channel 283 (TM3)



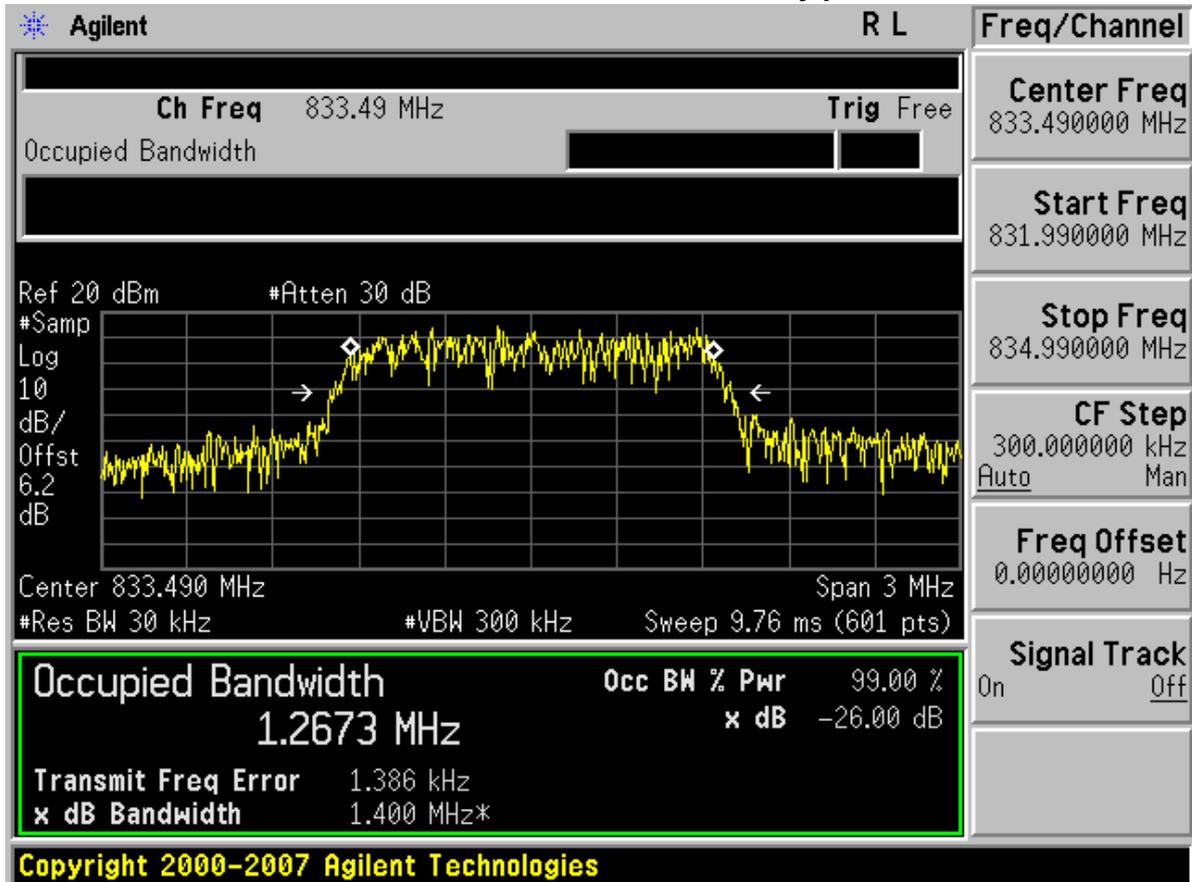


## Channel 283 (EVDO release 0)



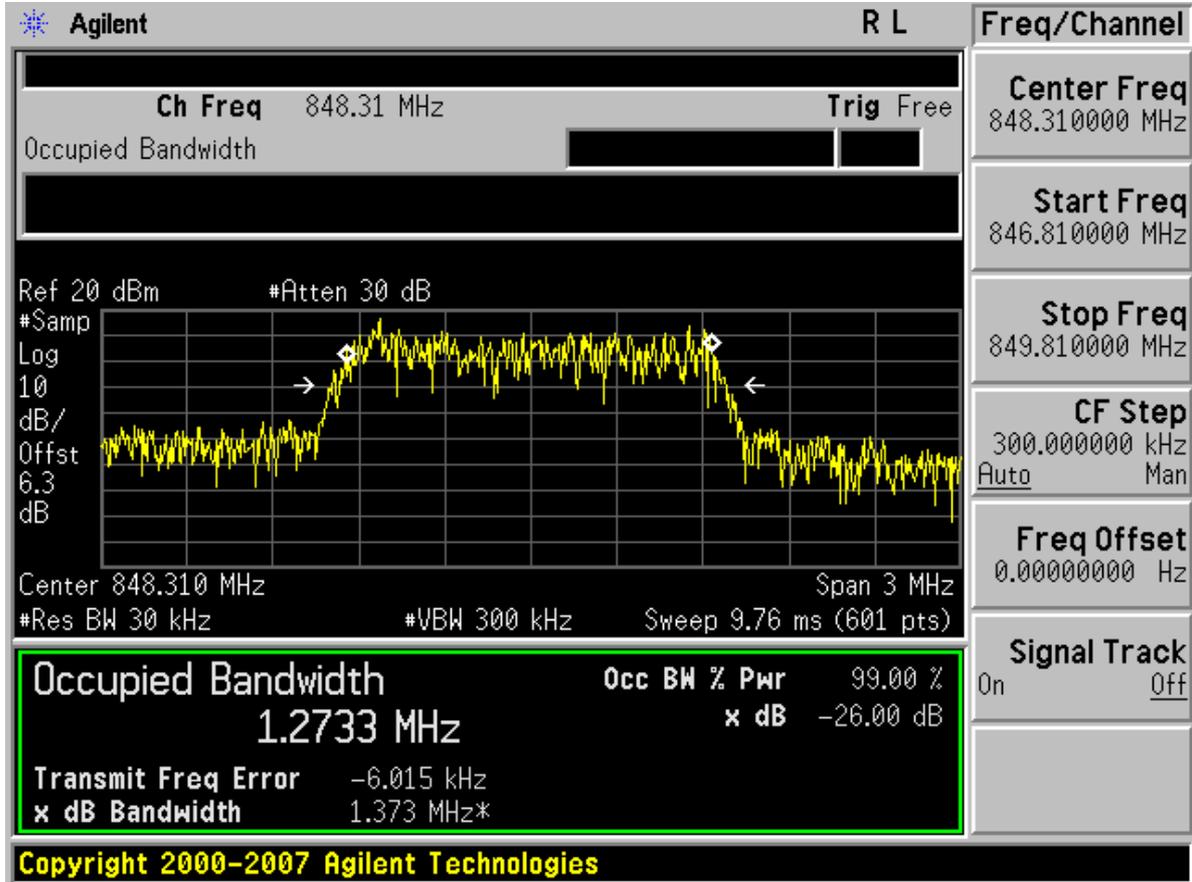


## Channel 283 (EVDO subtype 2)



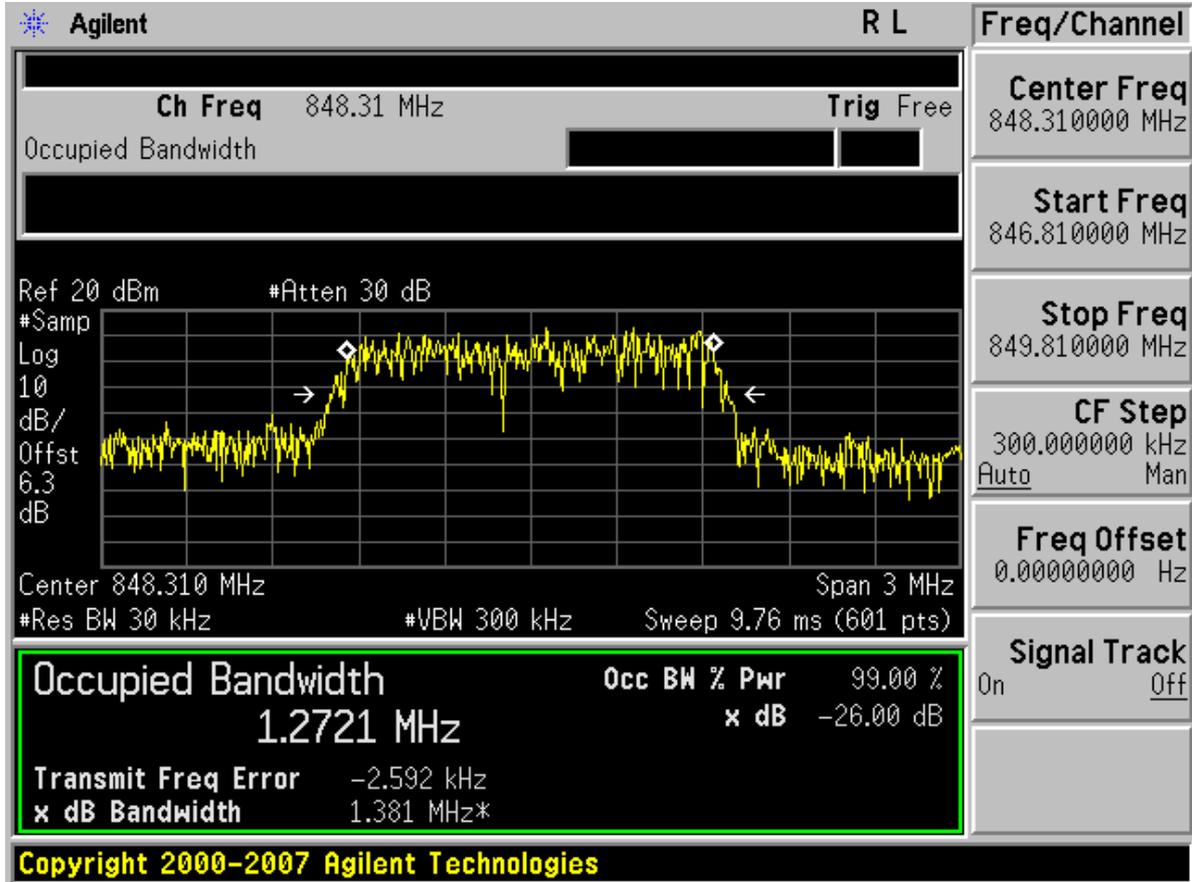


## Channel 777 (TM1)



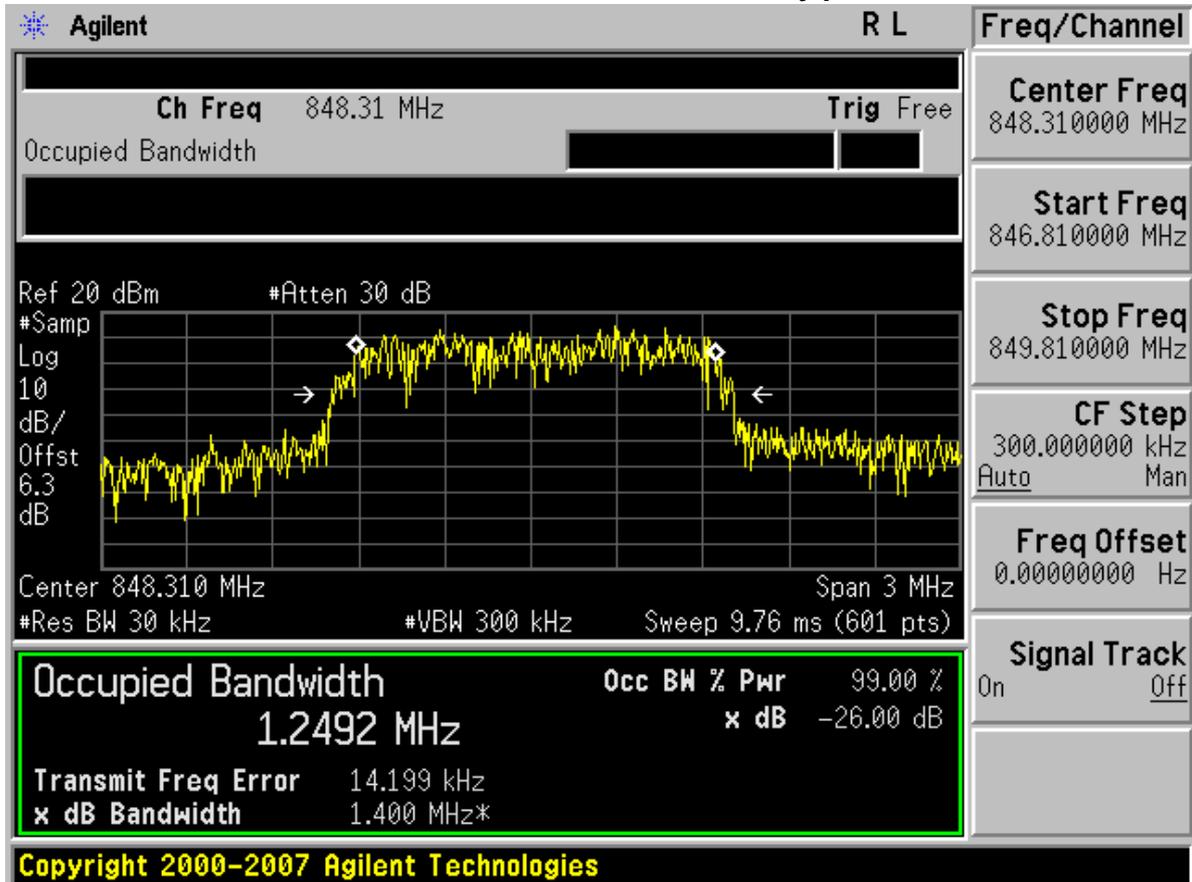


## Channel 777 (TM3)



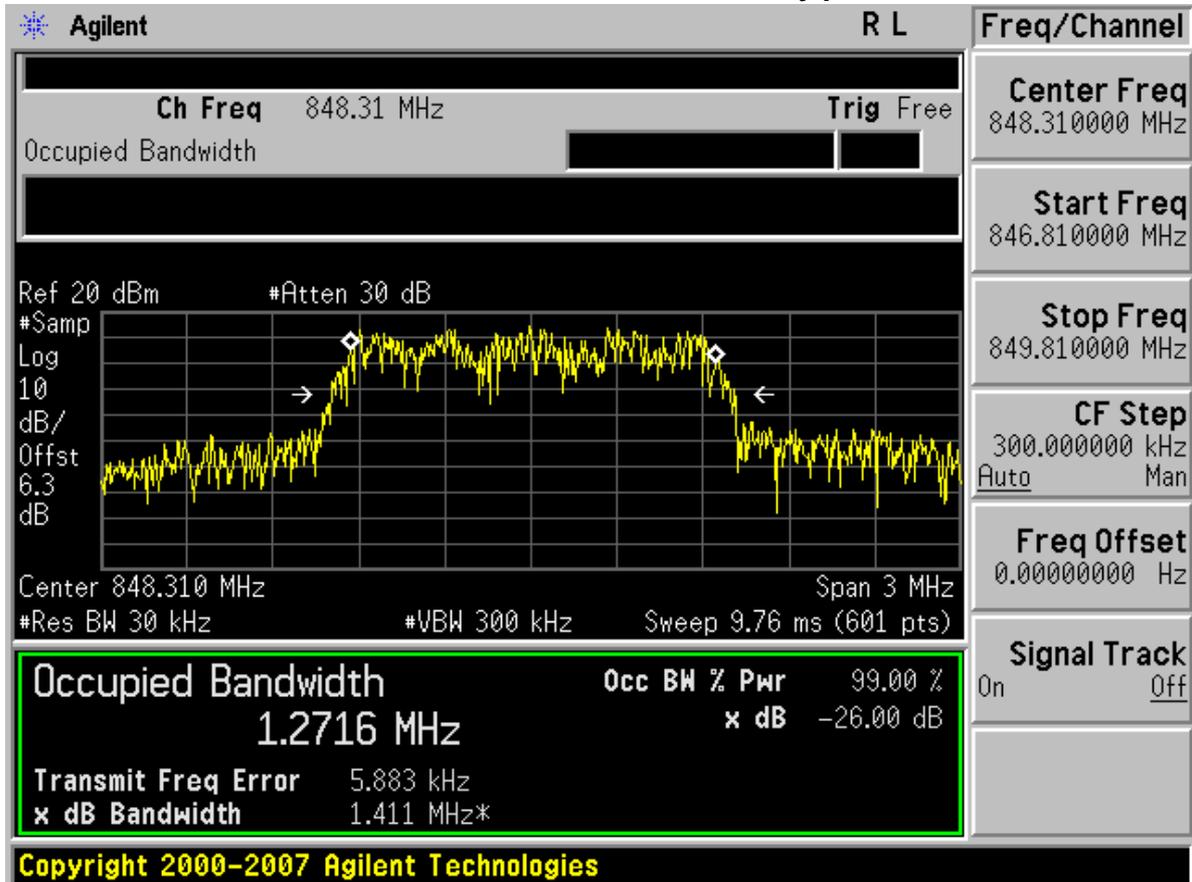


## Channel 777 (EVDO subtype 0)





## Channel 777 (EVDO subtype 2)





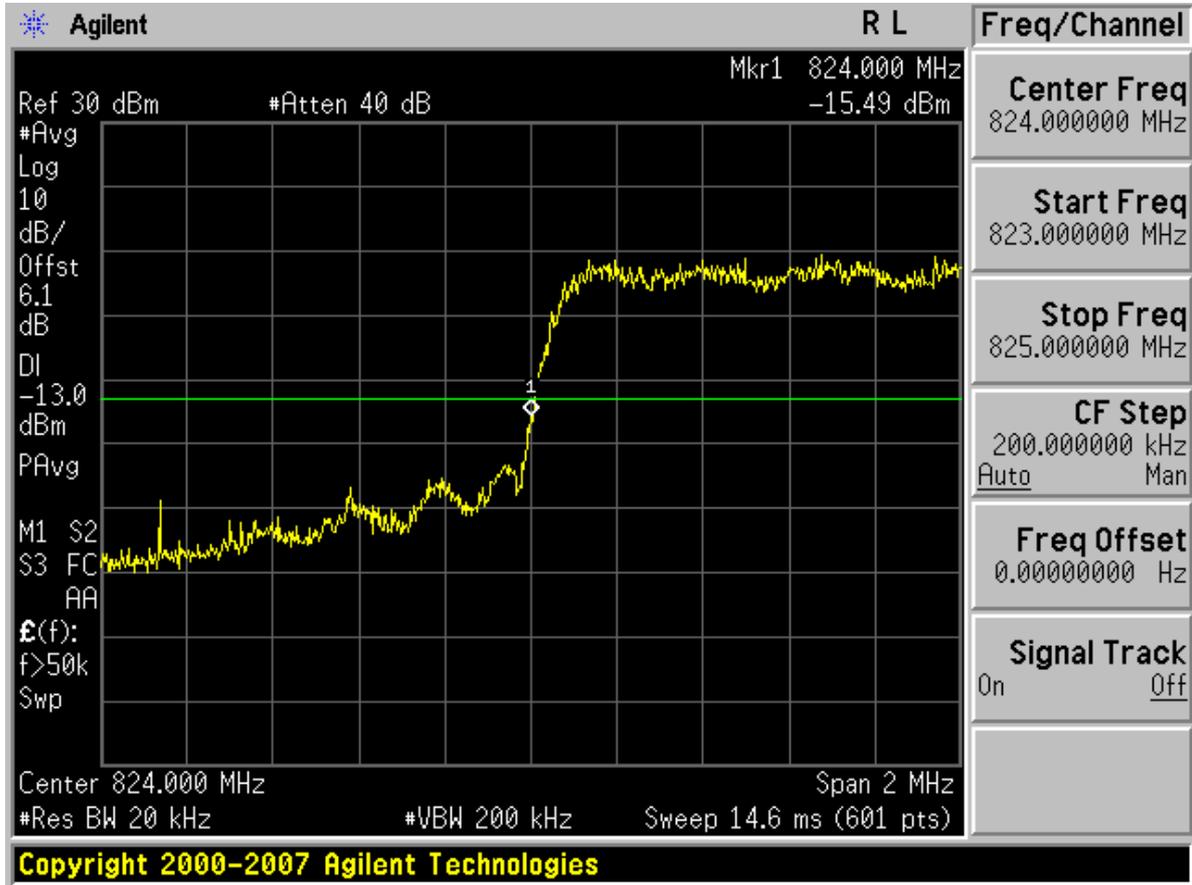
## **Appendix C**

# Band Edges Compliance

According to FCC Part 2.1051 & 22.917

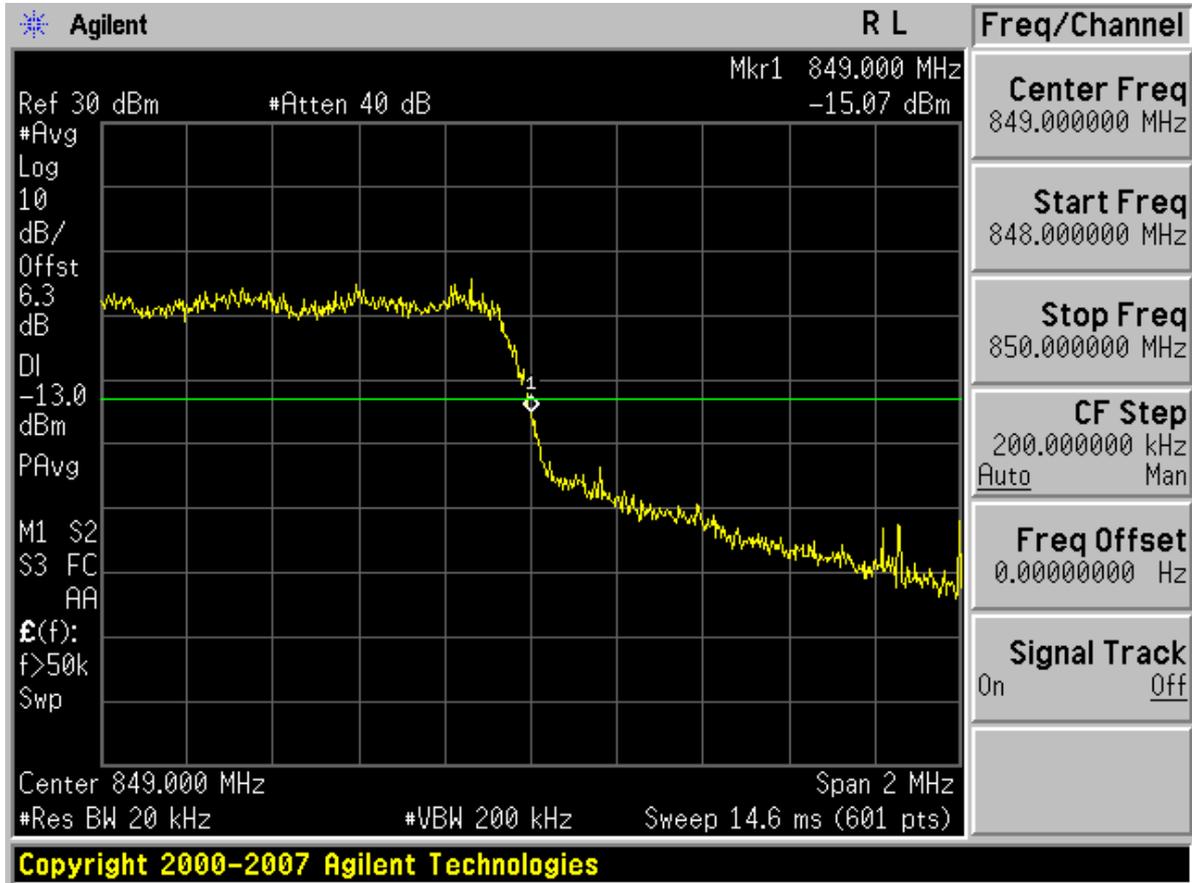


# TM1 Left Edge Channel 1013



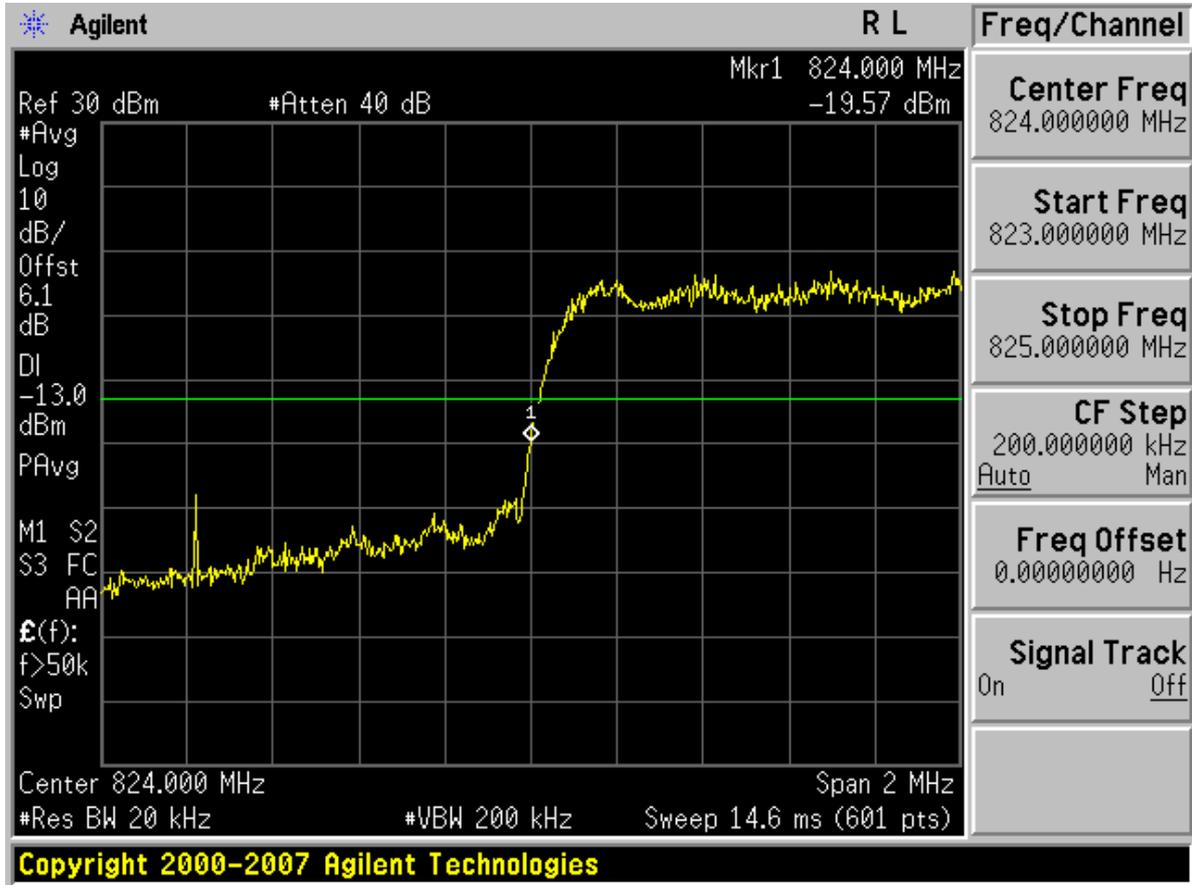


### Right Edge Channel 777



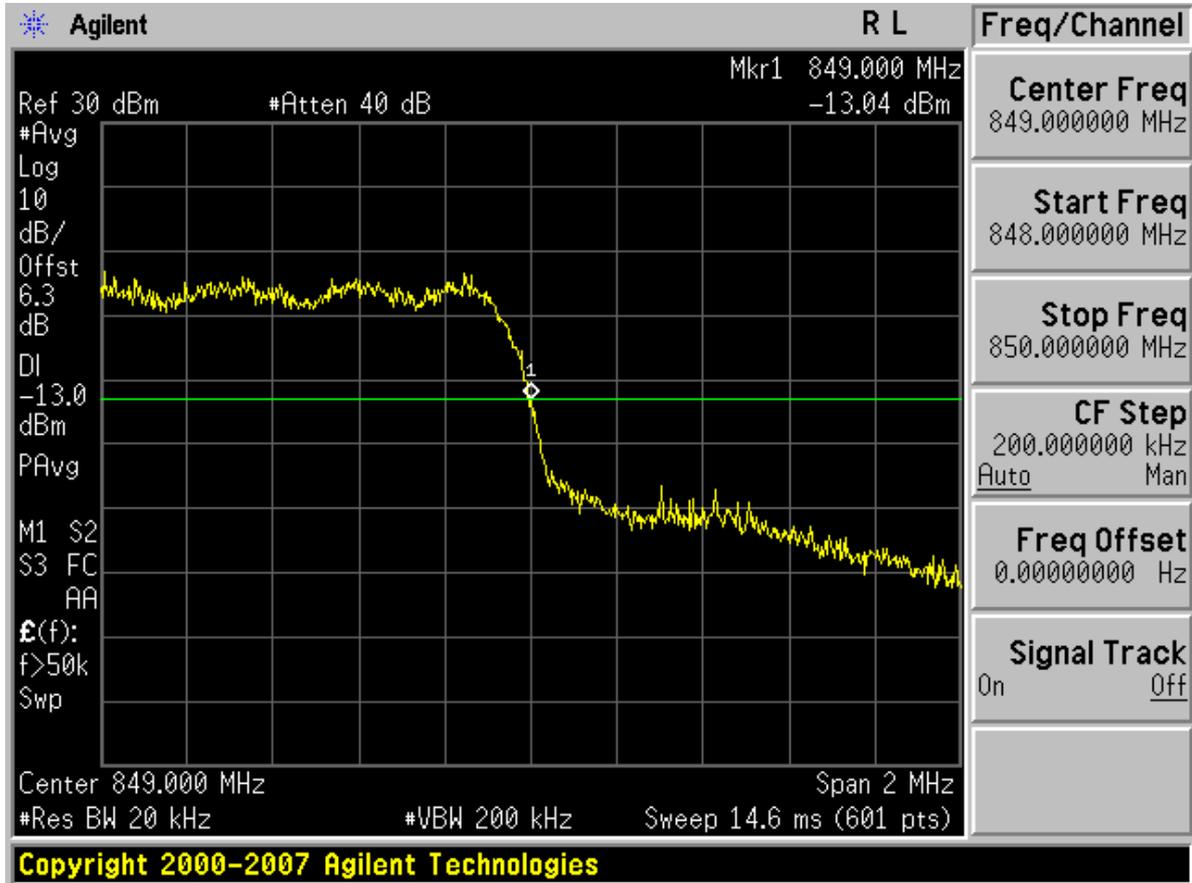


## TM3 Left Edge Channel 1013





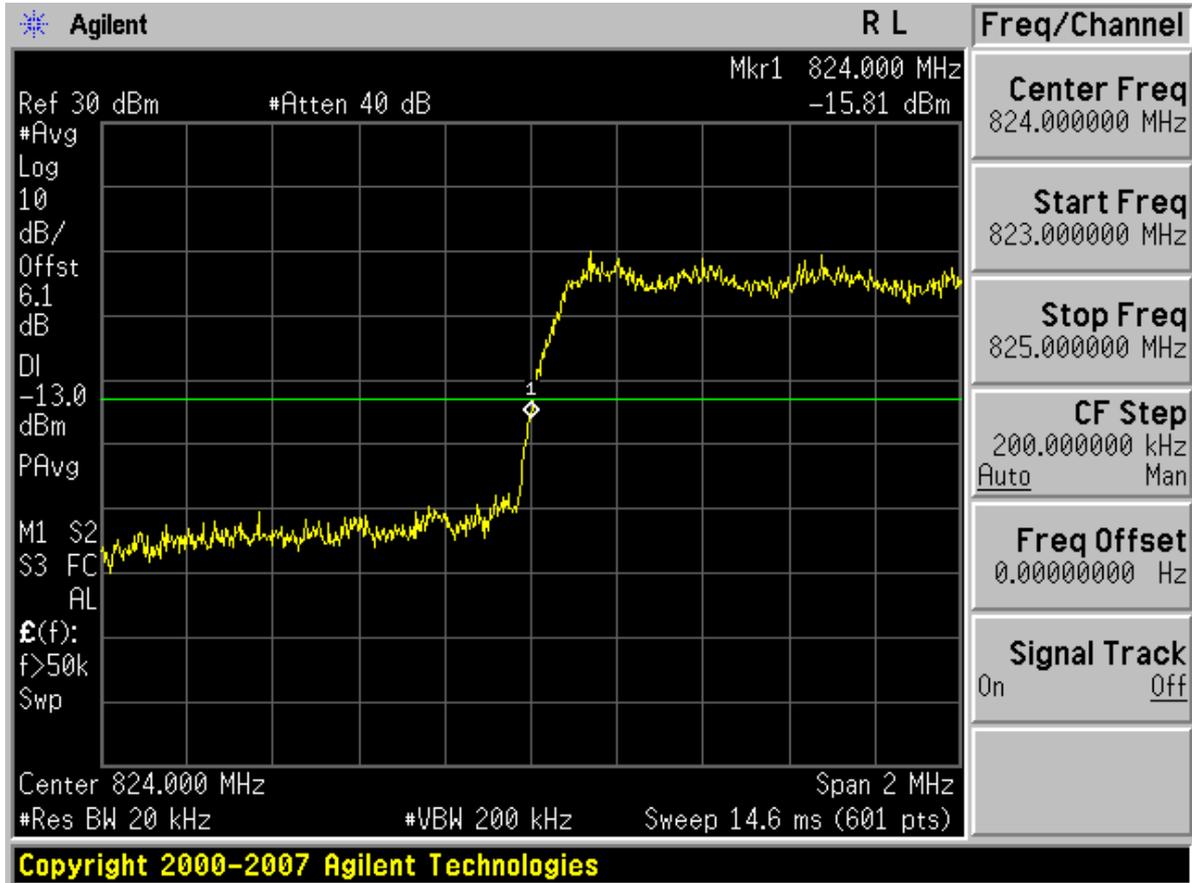
### Right Edge Channel 777





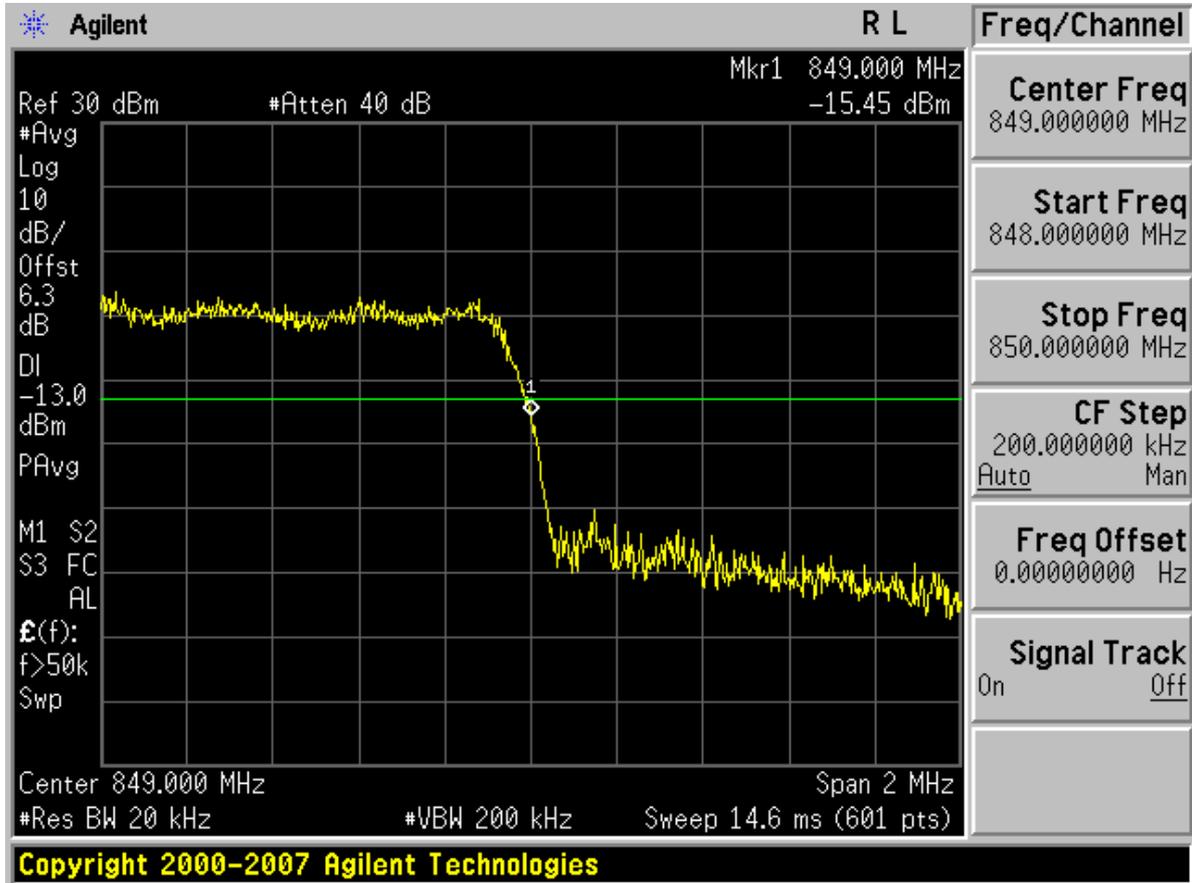
# EVDO Subtype 0

## Left Edge (824 MHz) Channel 1013





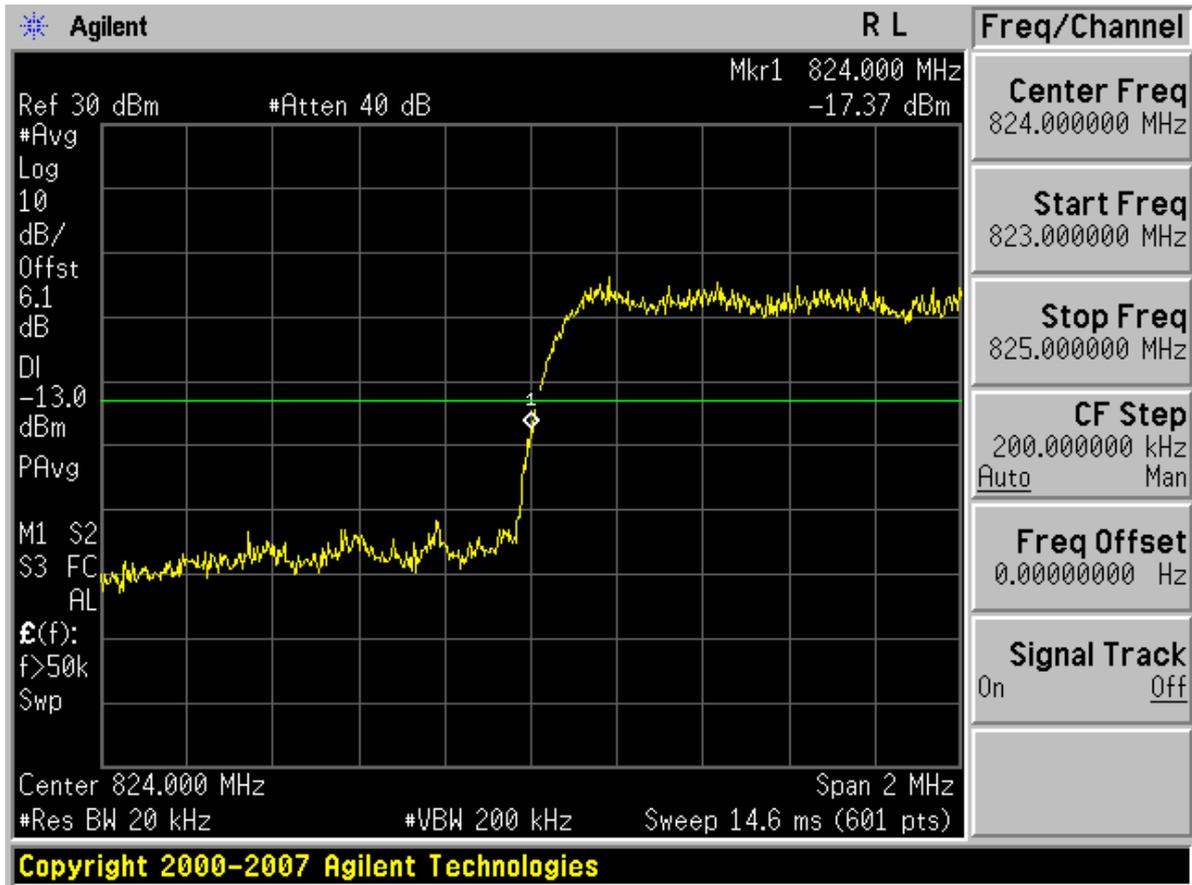
### Right Edge Channel 777





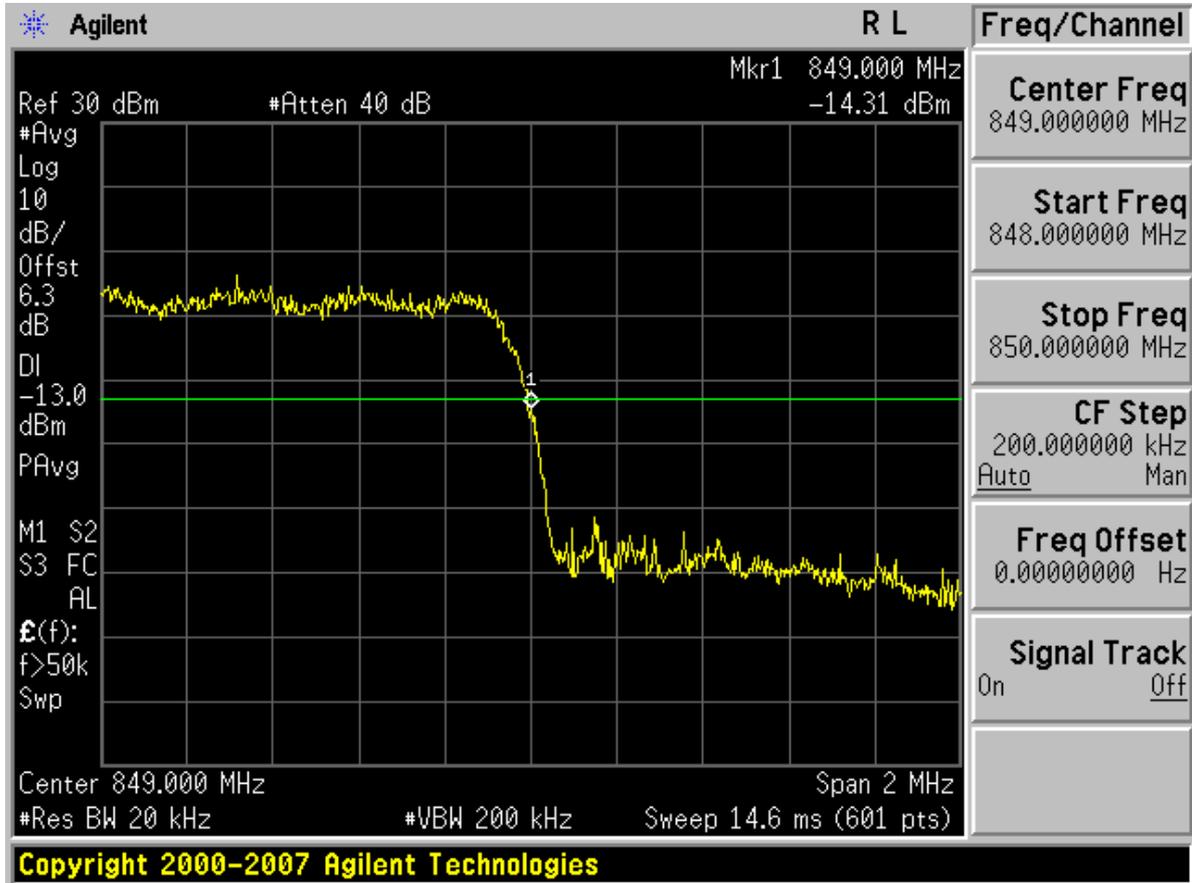
# EVDO Subtype 2

## Modulation: HPSK Left Edge Channel 1013





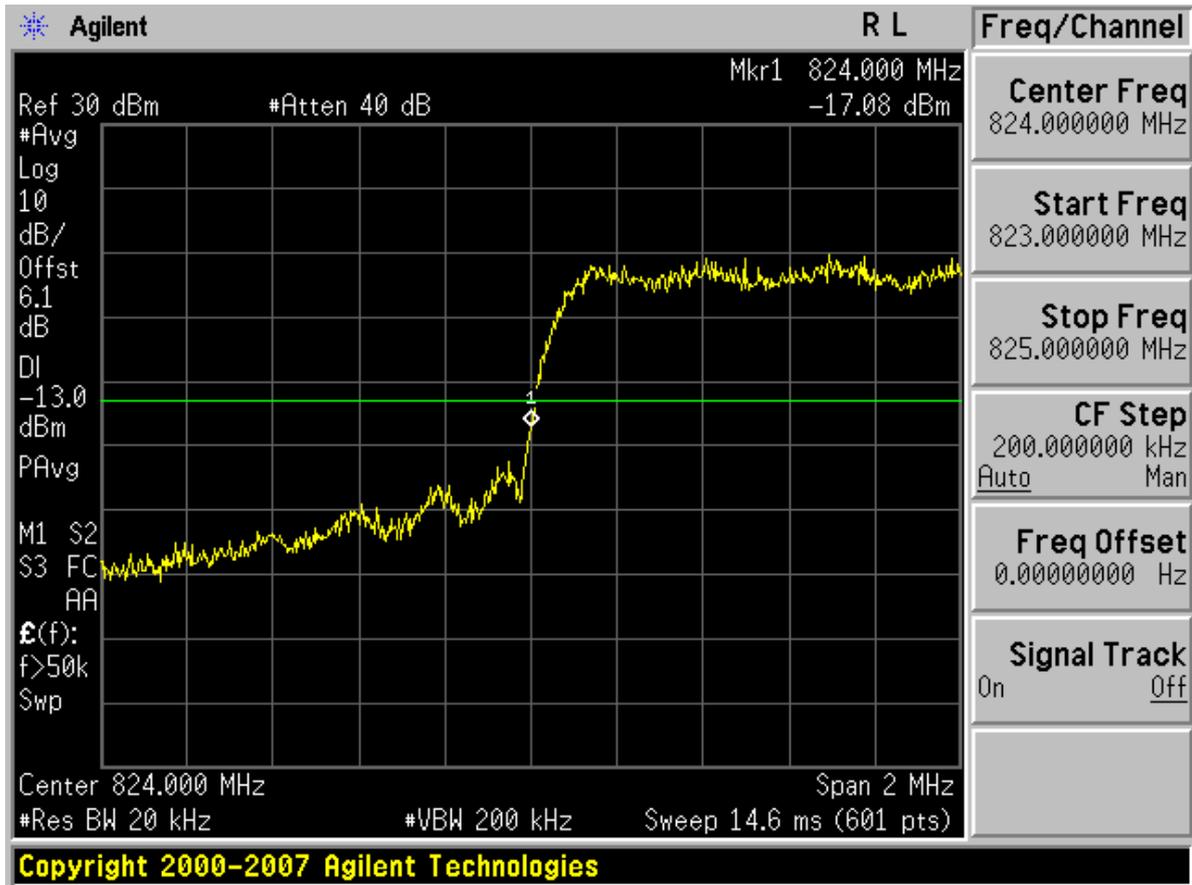
### Right Edge Channel 777





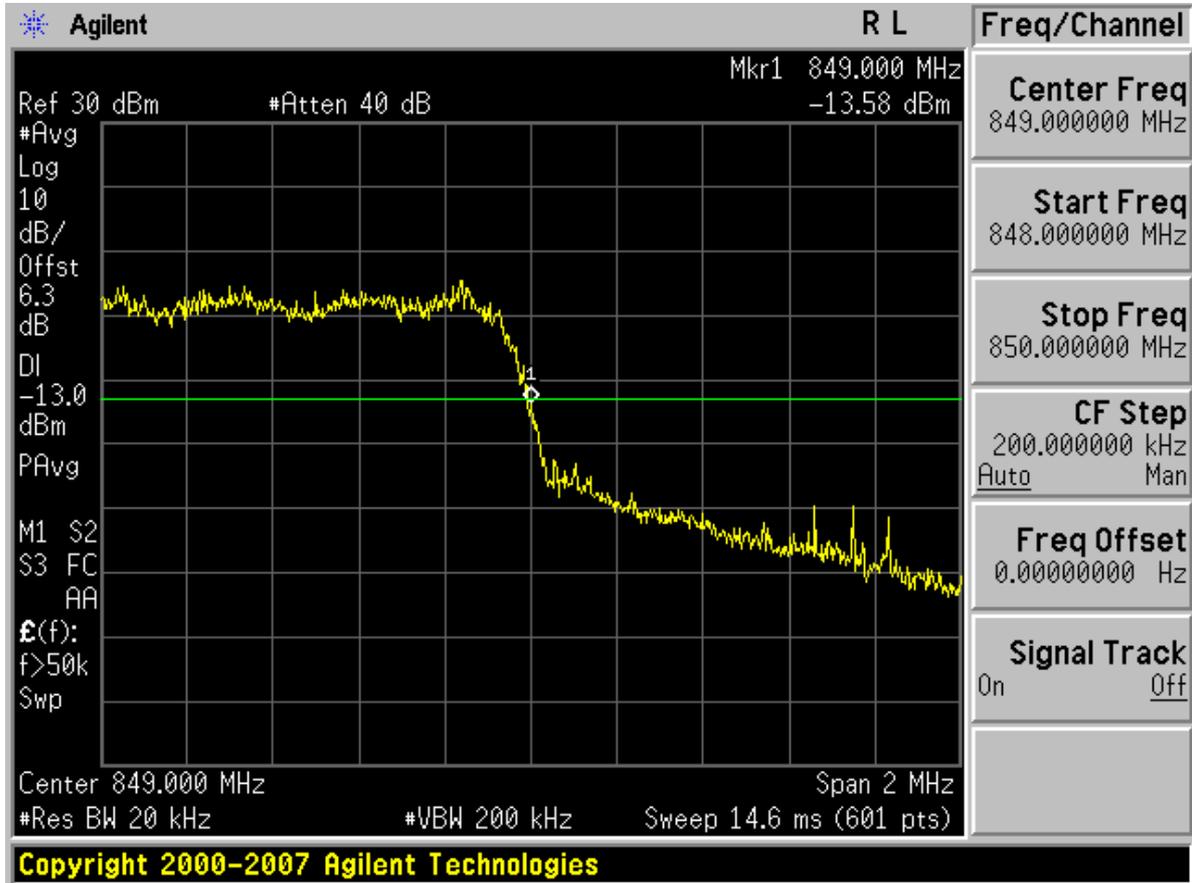
### Modulation: QPSK

### Left Edge (824 MHz) Channel 1013





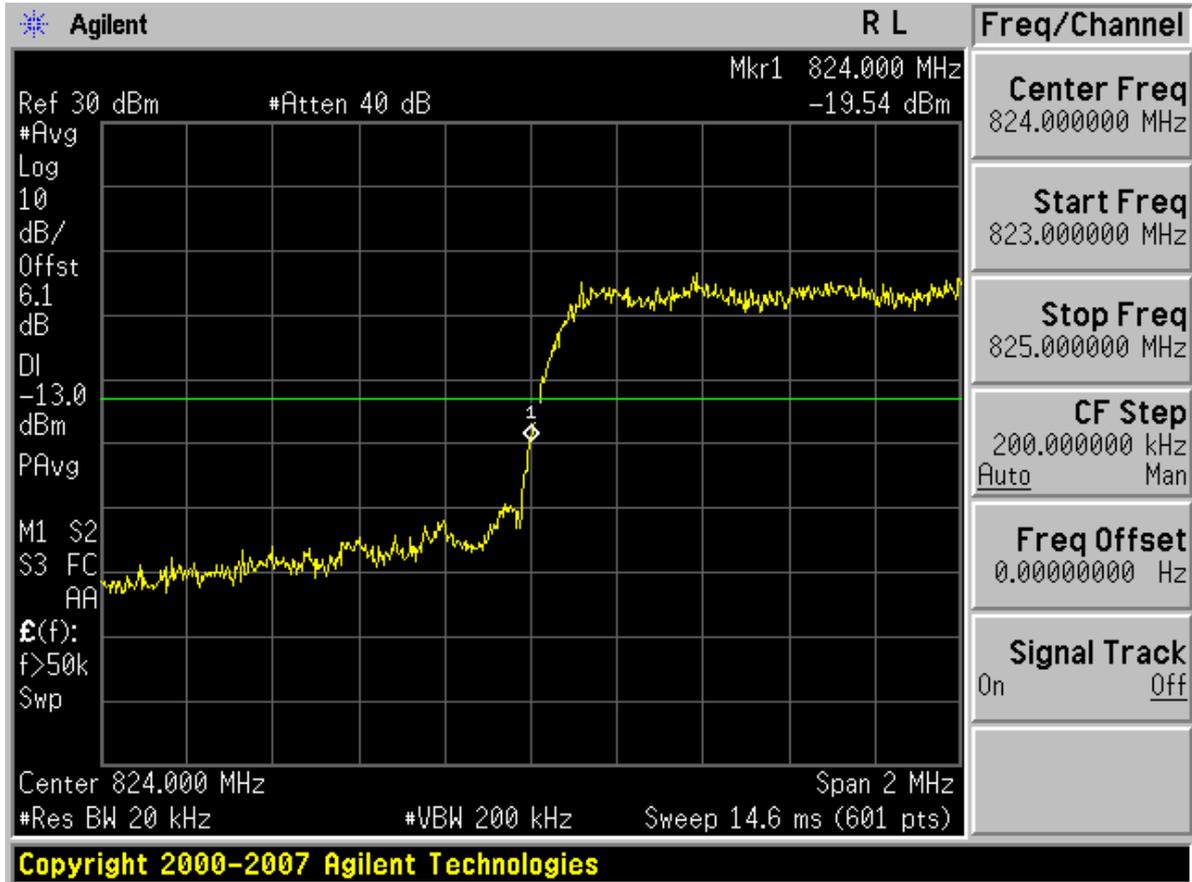
### Right Edge Channel 777





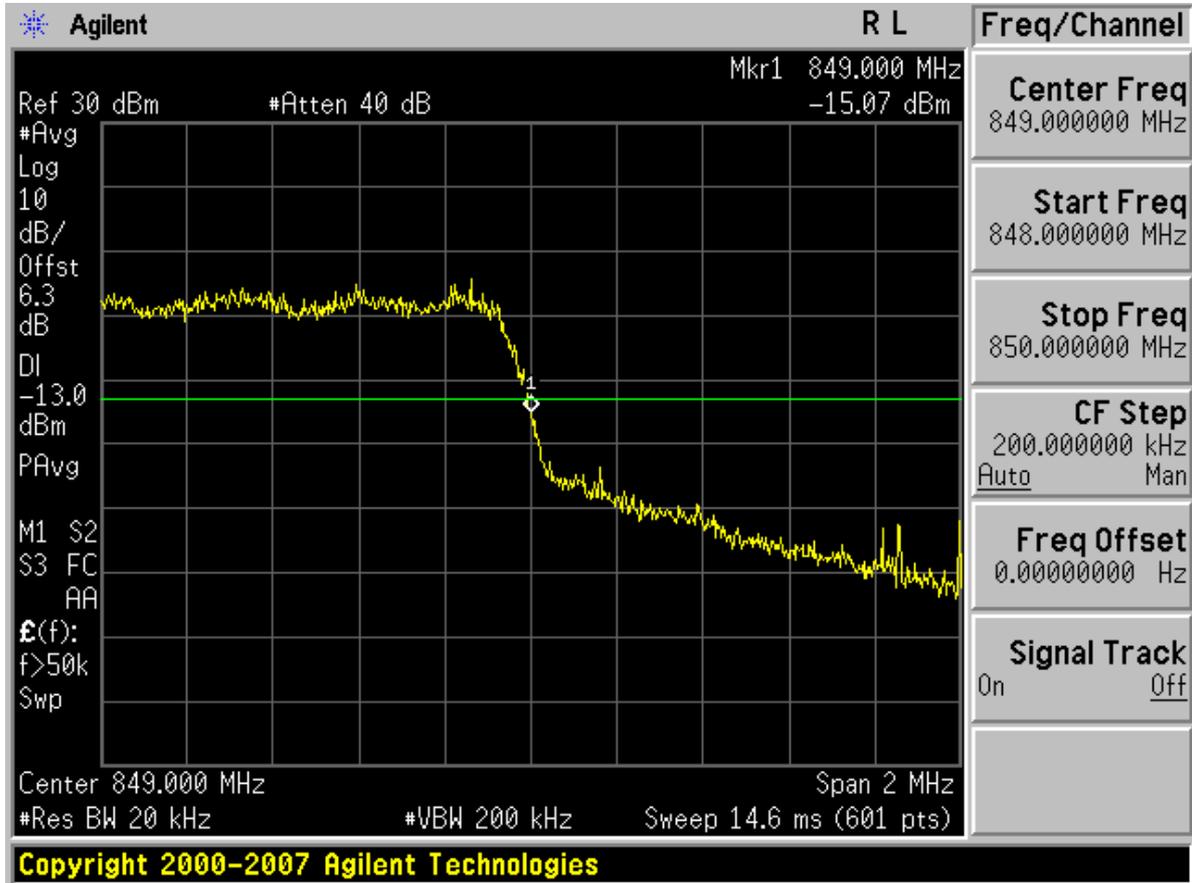
**Modulation: 8PSK**

**Left Edge  
 Channel 1013**





### Right Edge Channel 777





## **Appendix D**

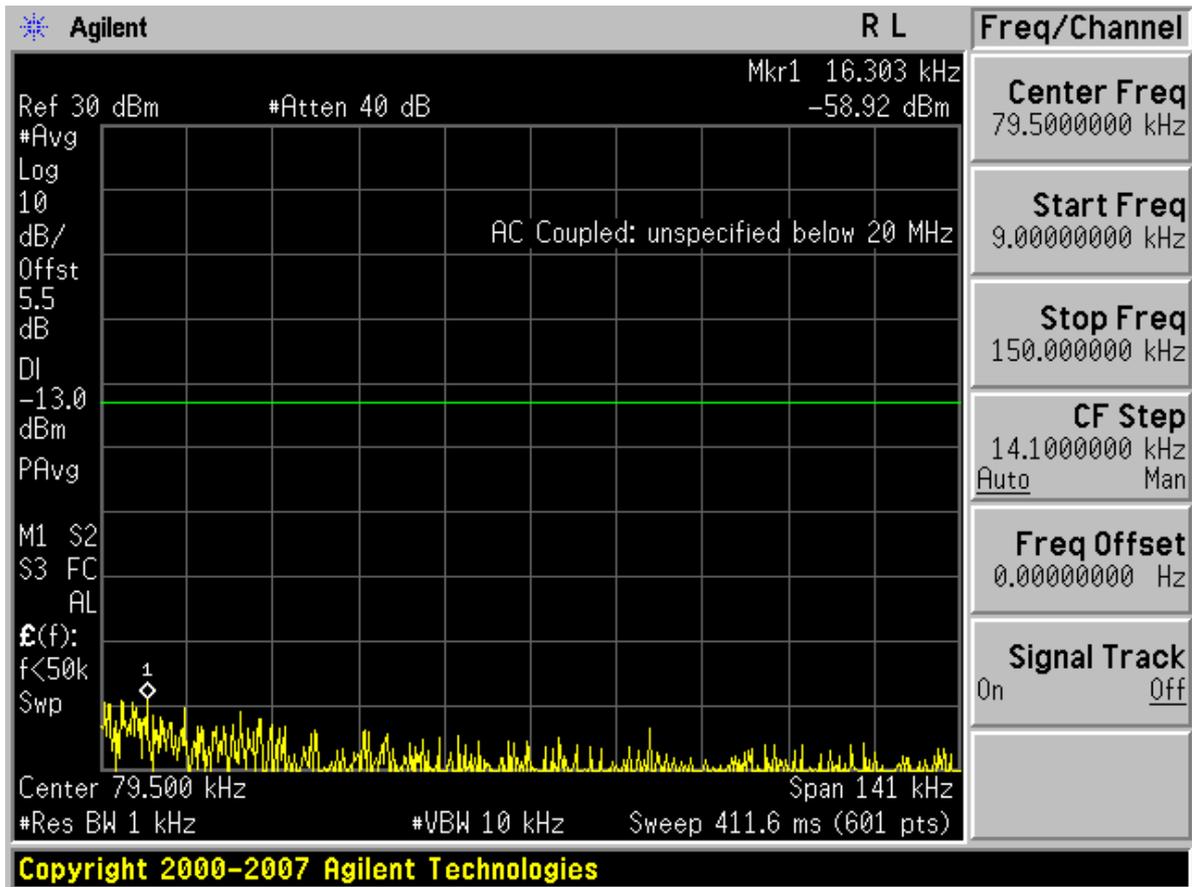
# Spurious Emission at Antenna Terminal

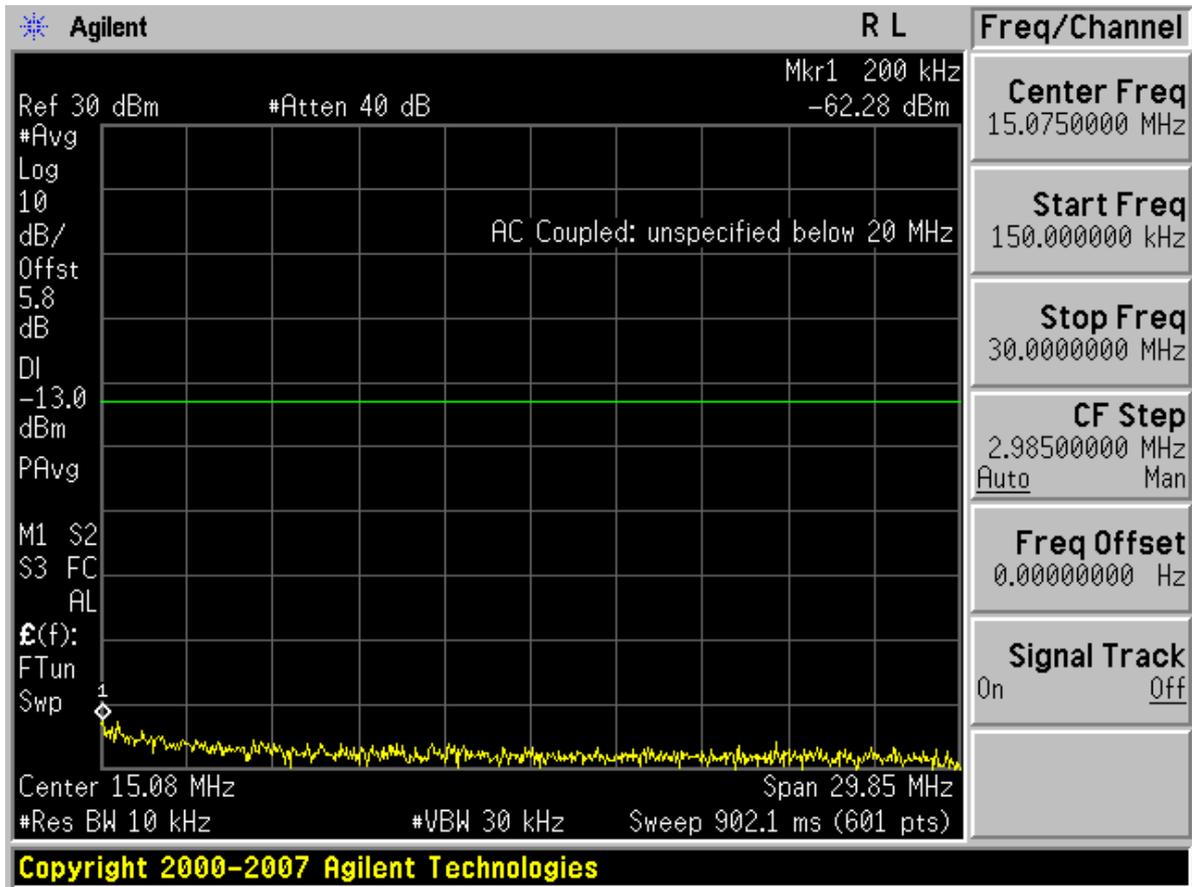
According to FCC Part 2.1051 & 22.917

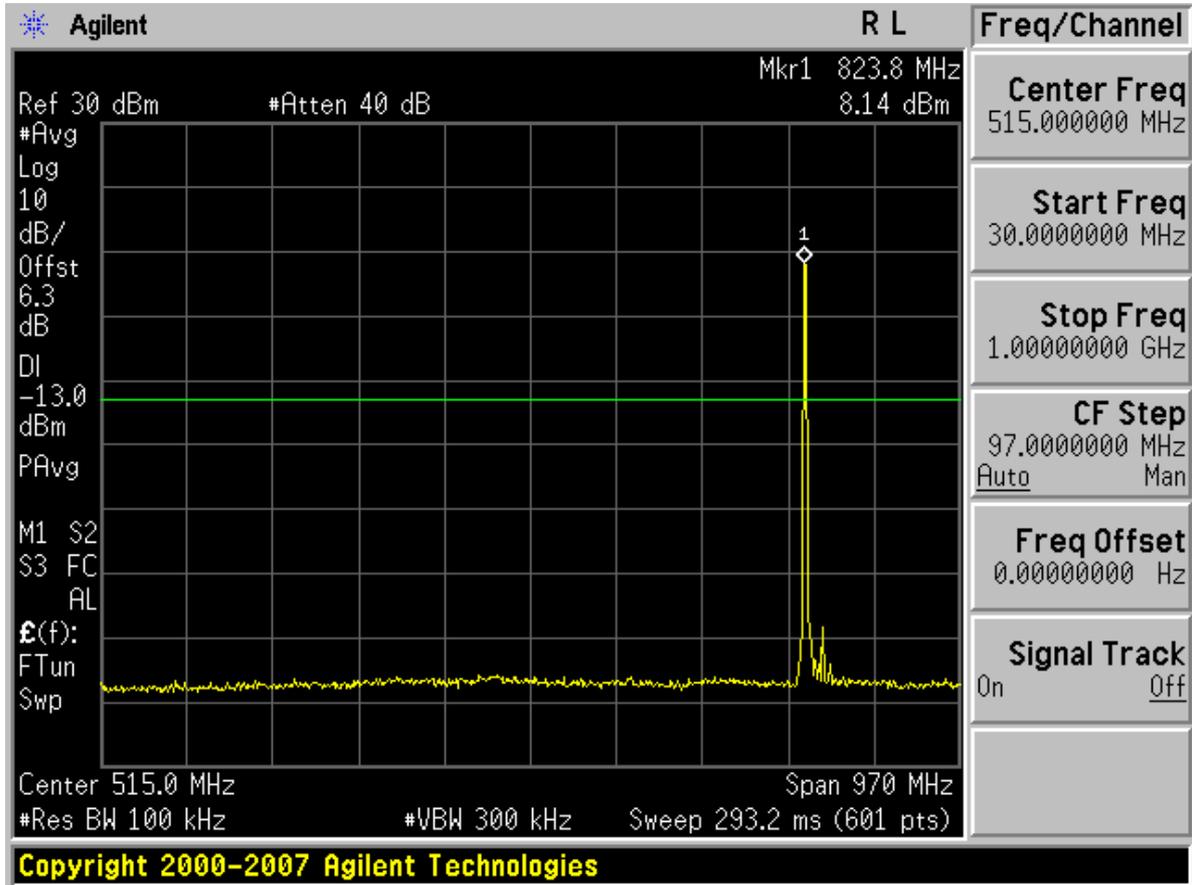


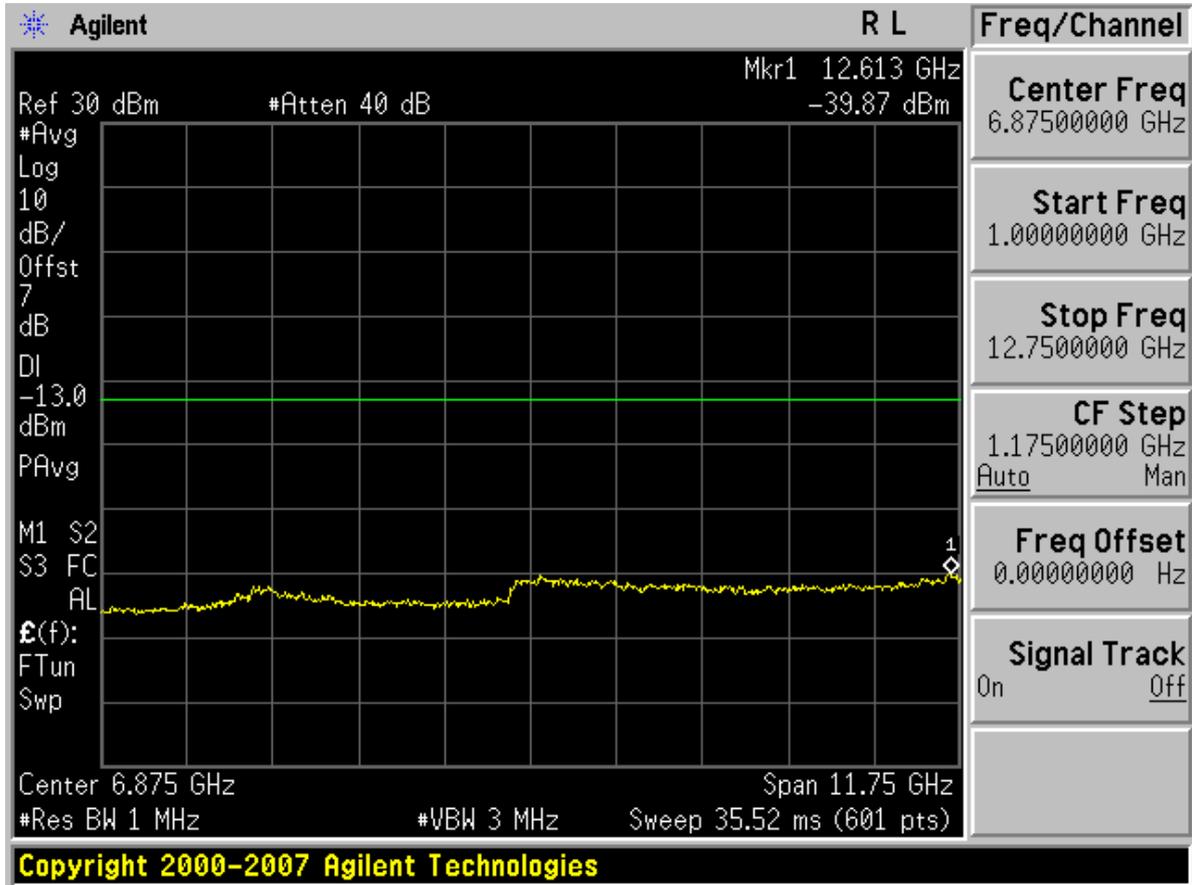
### 1.1 TM1

## Channel 1013



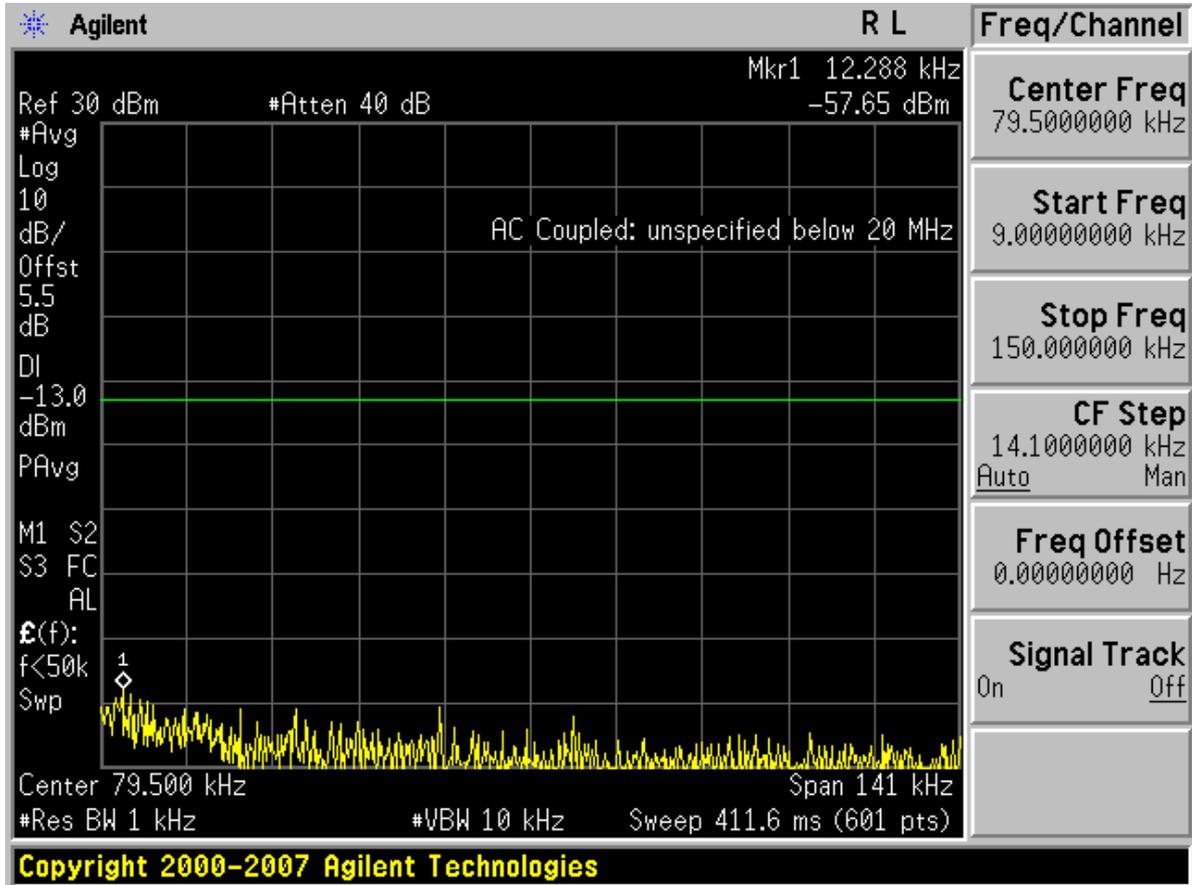


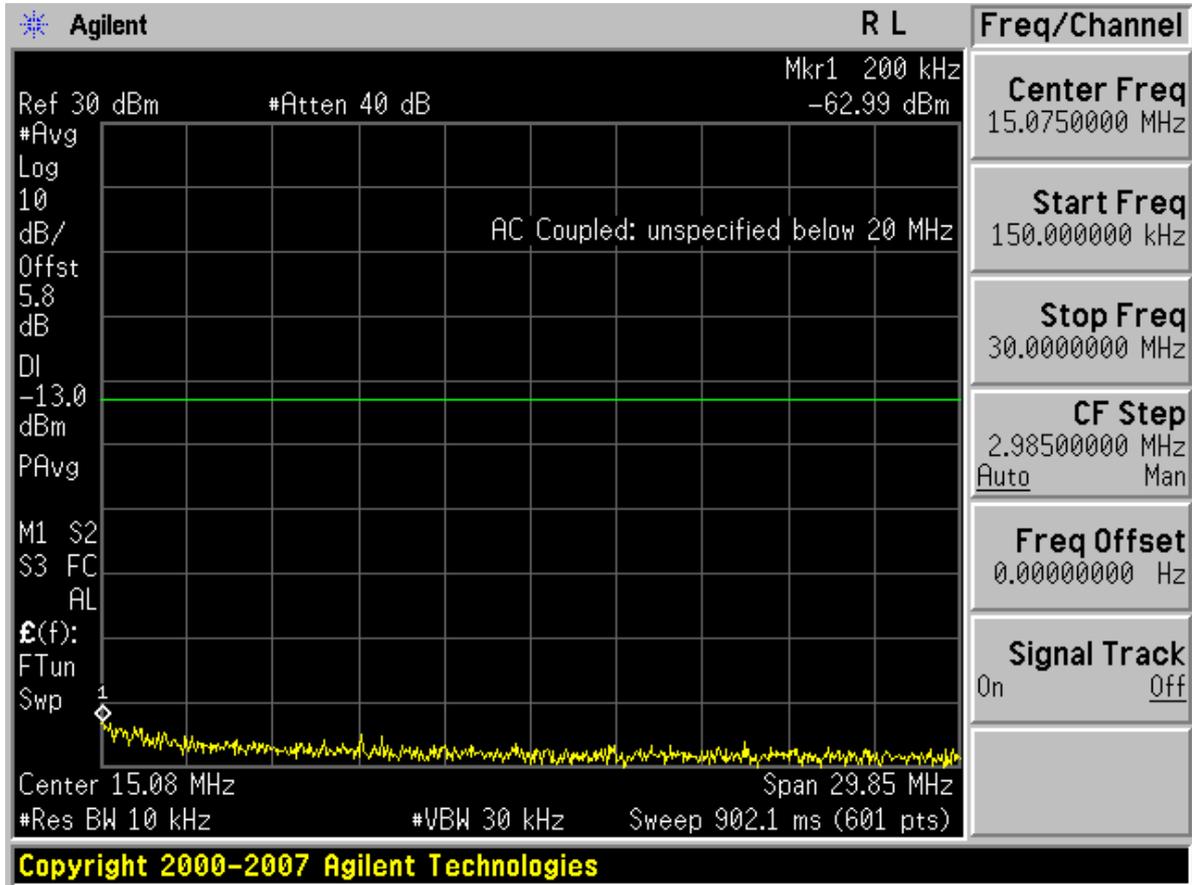


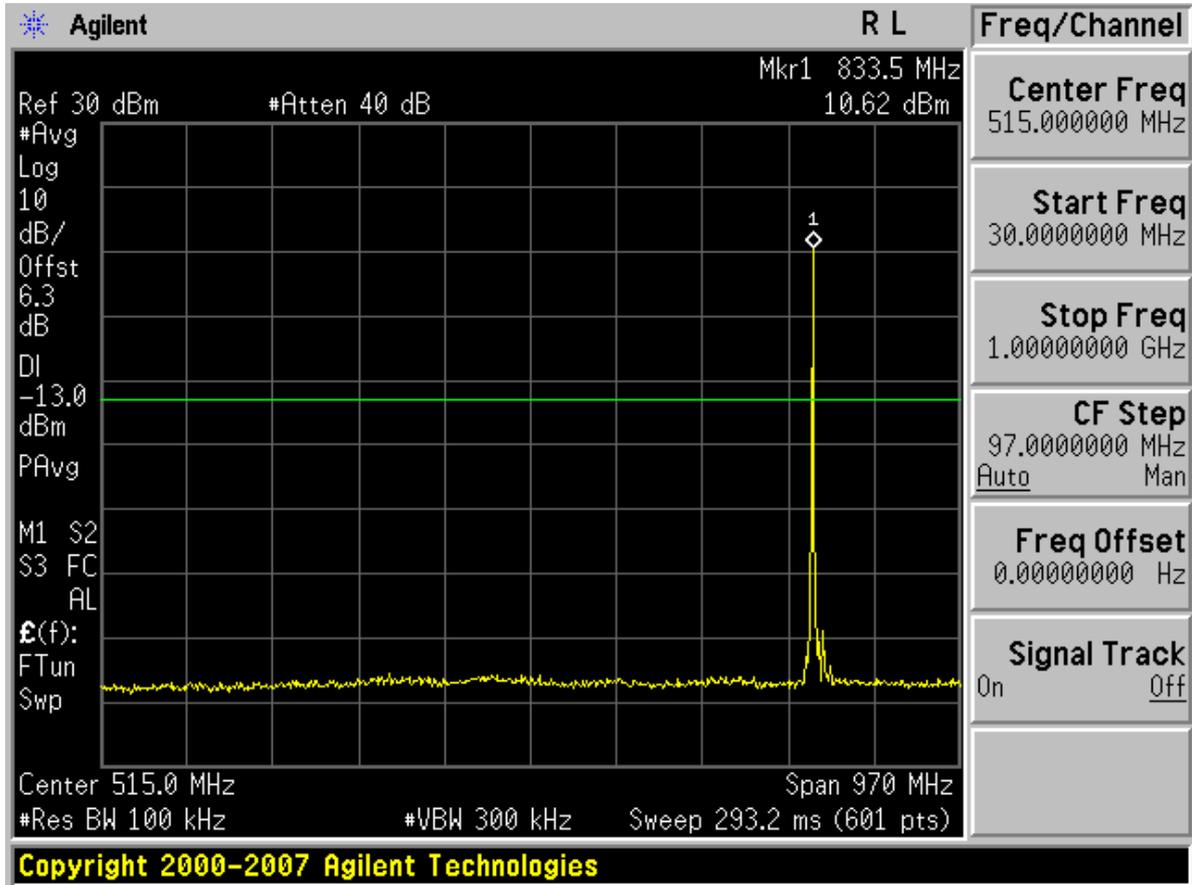


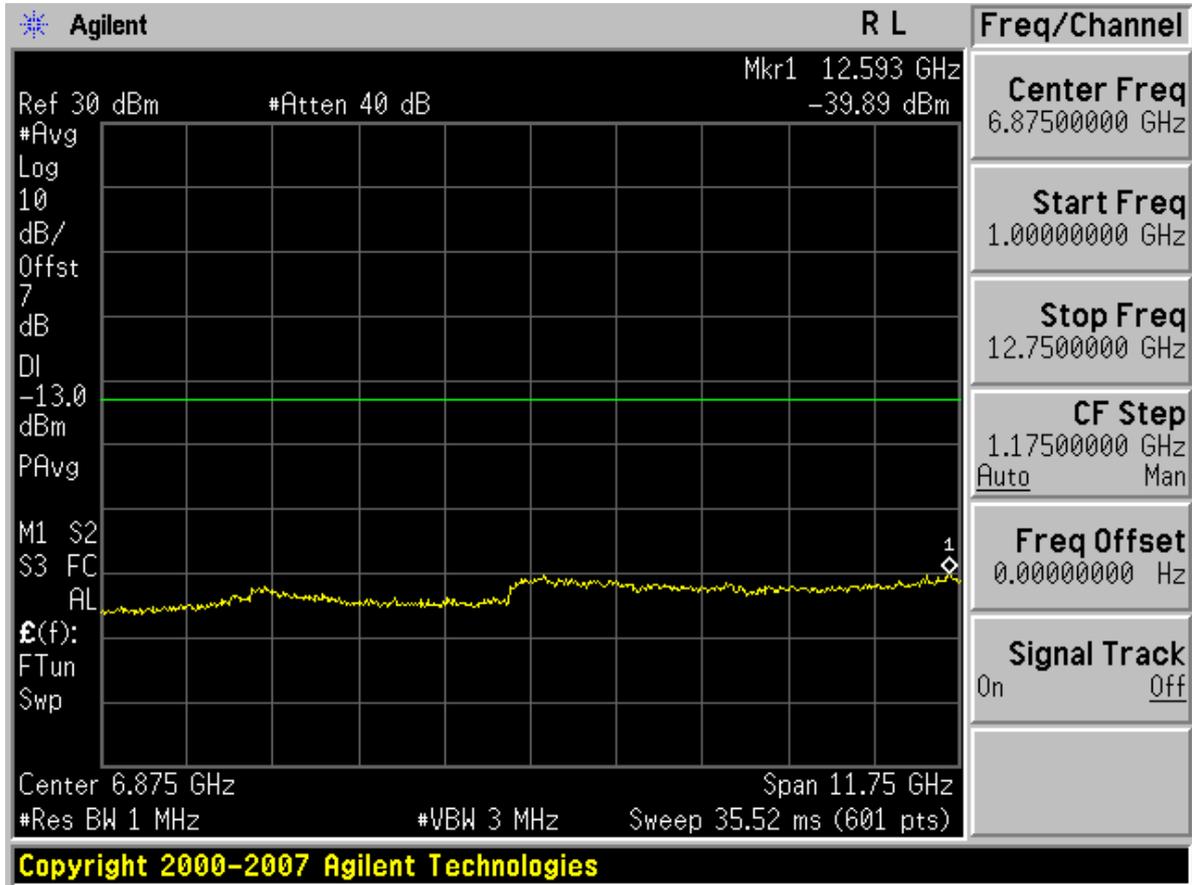


# Channel 283



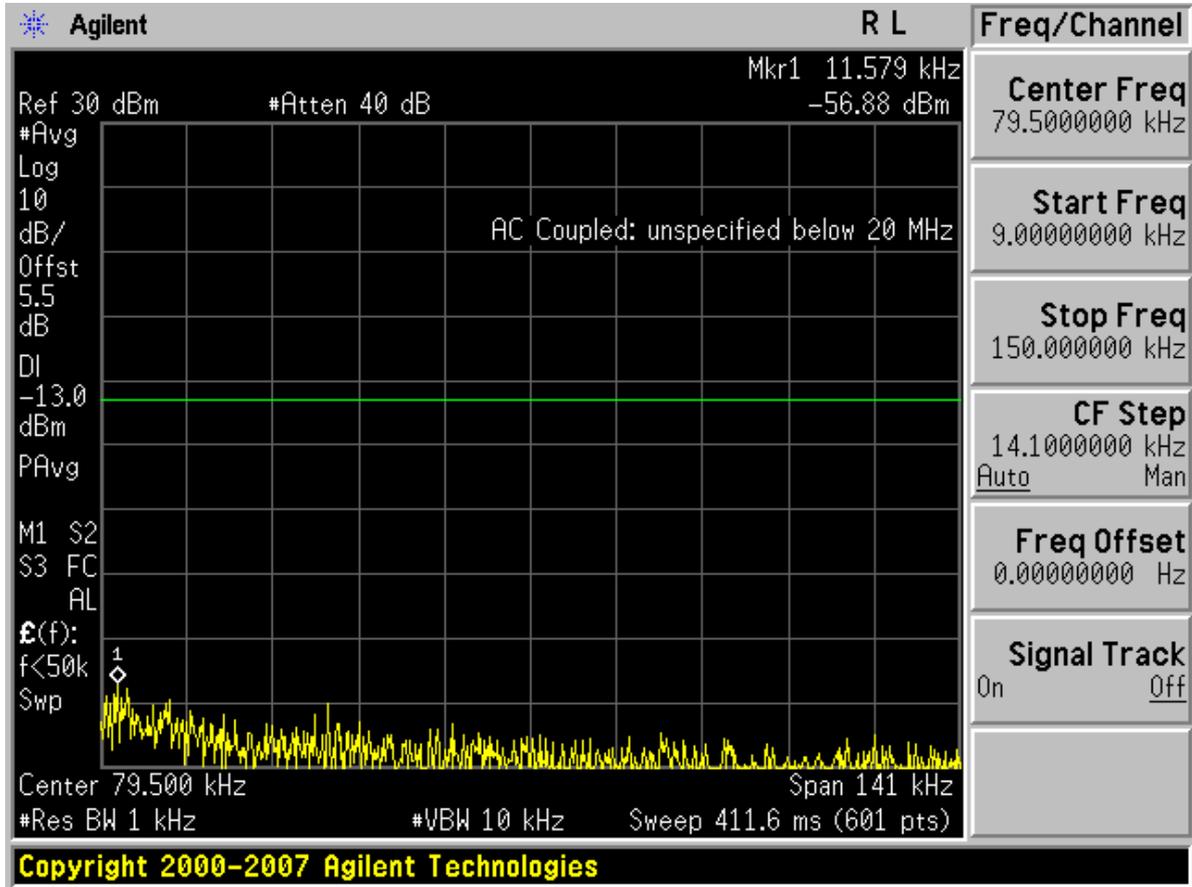


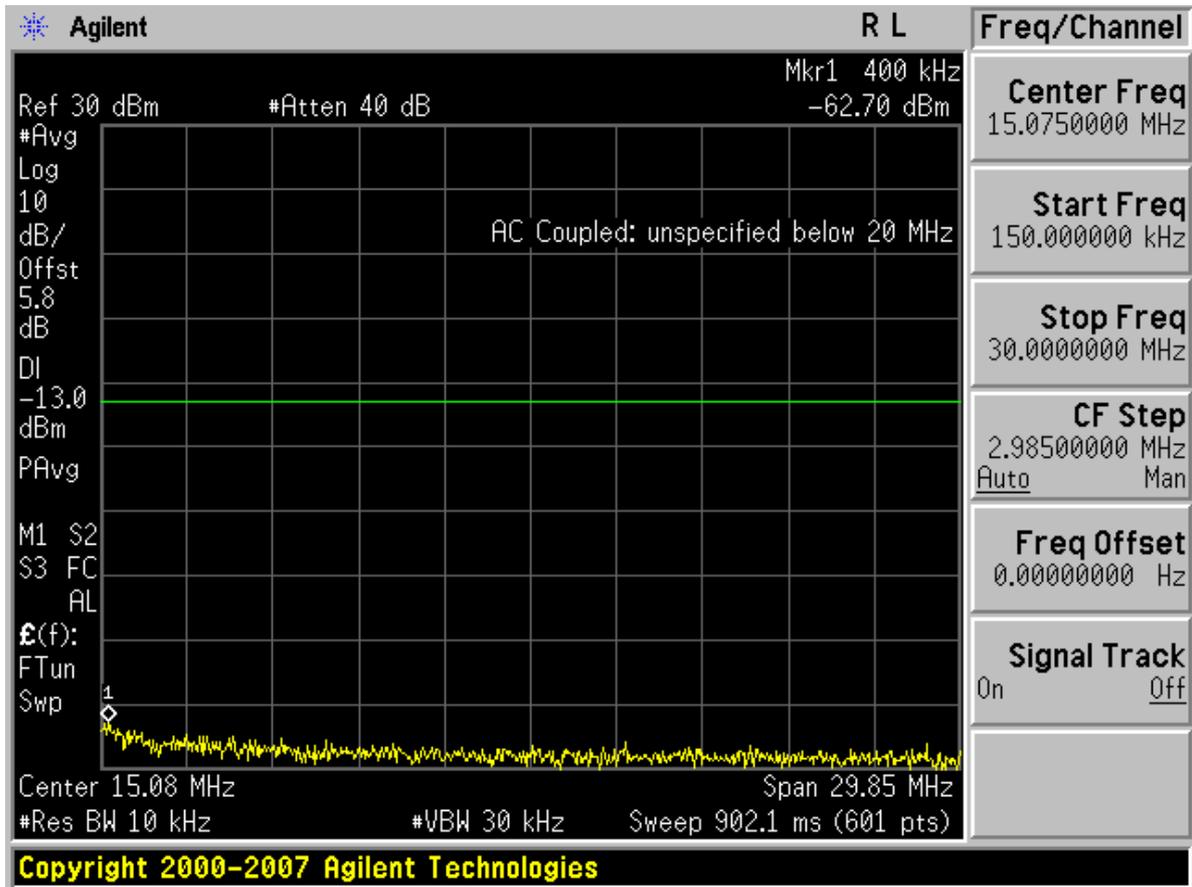


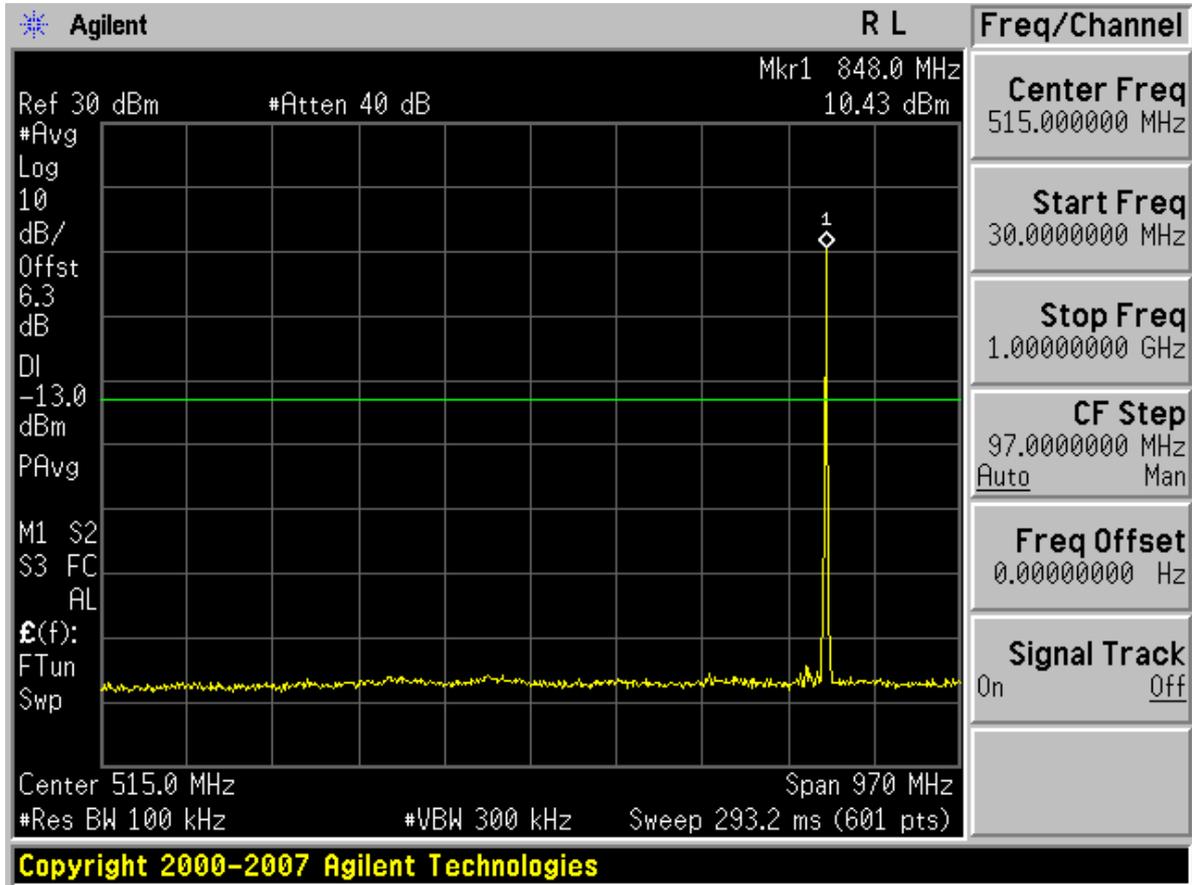


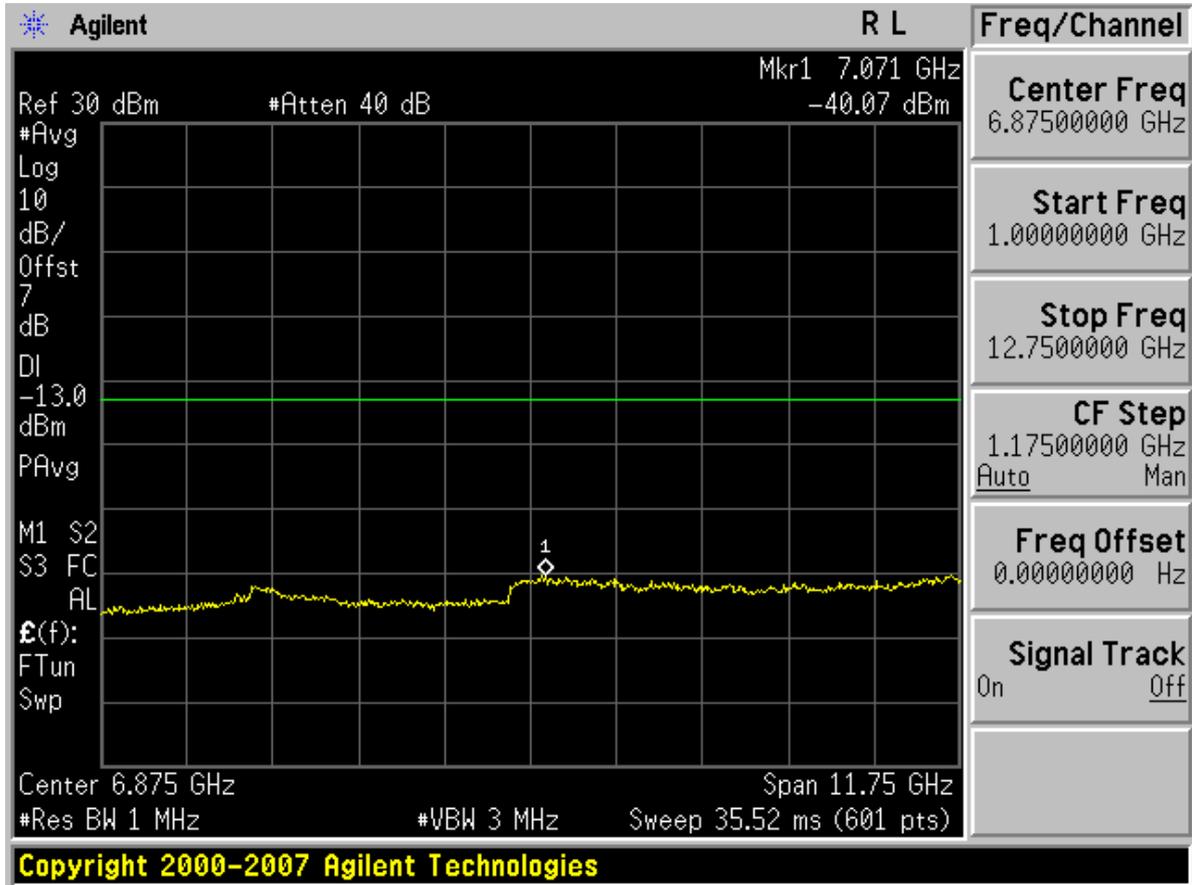


# Channel 777



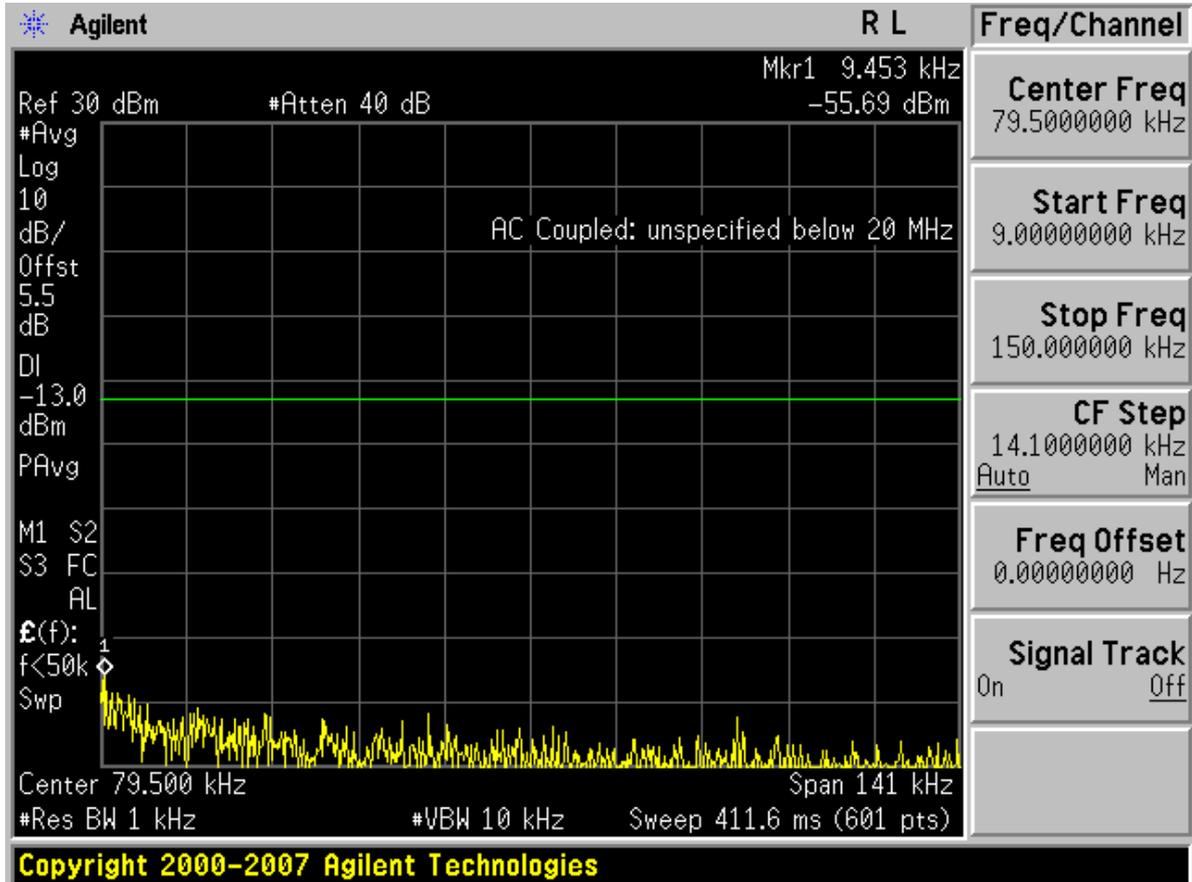


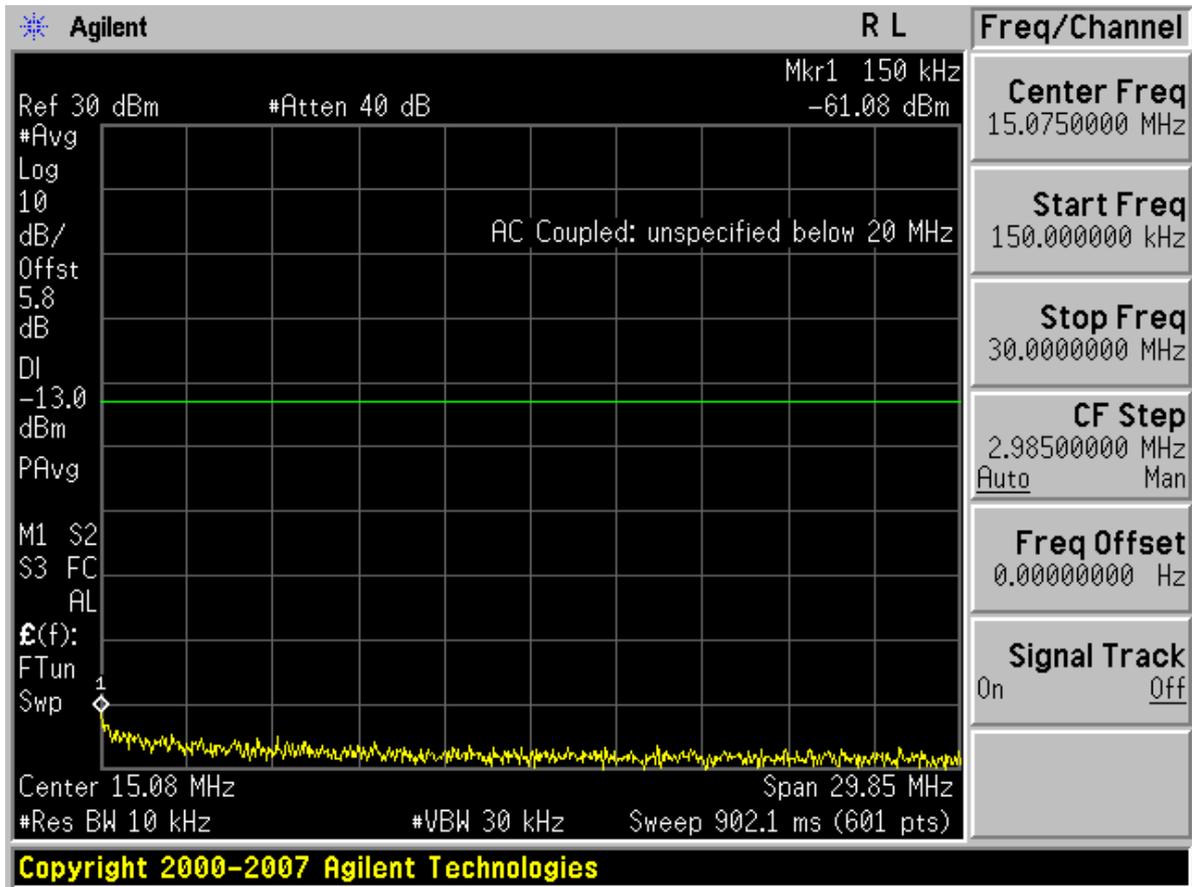


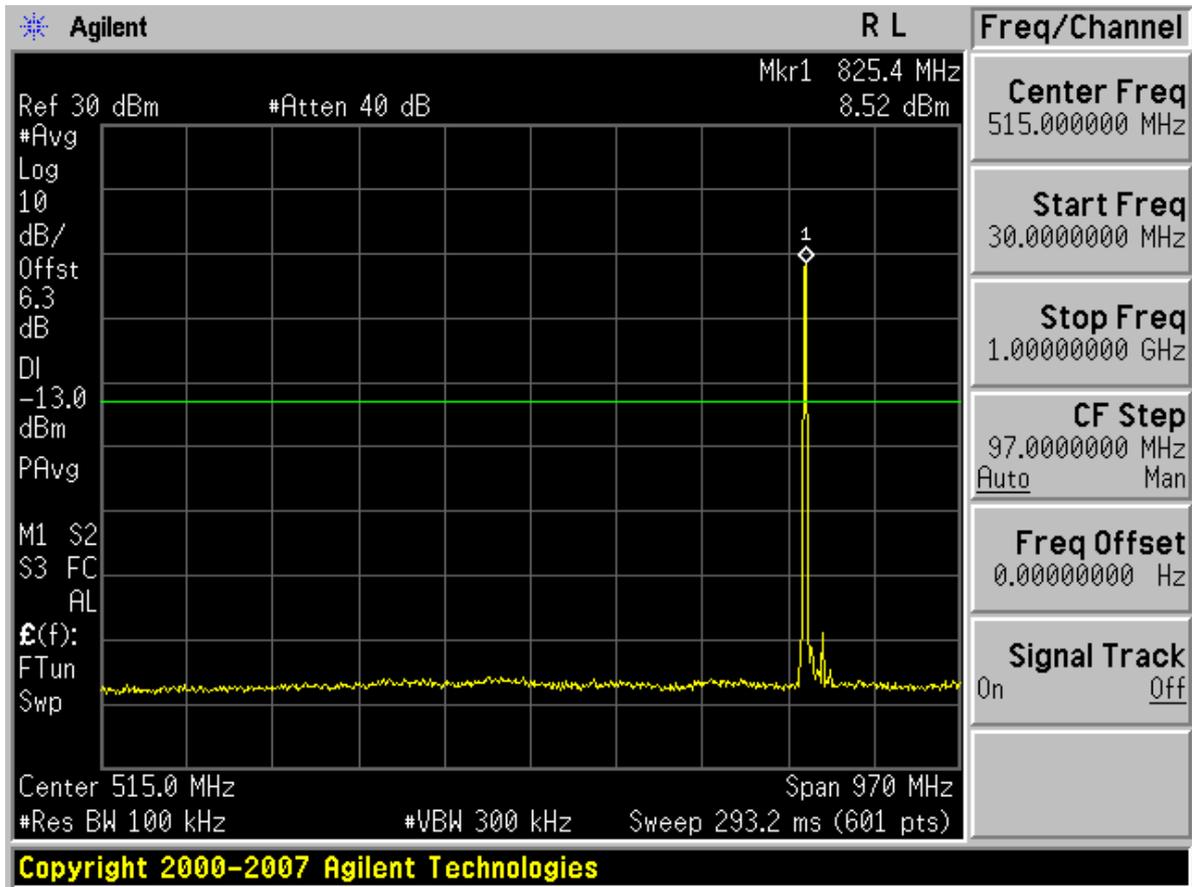


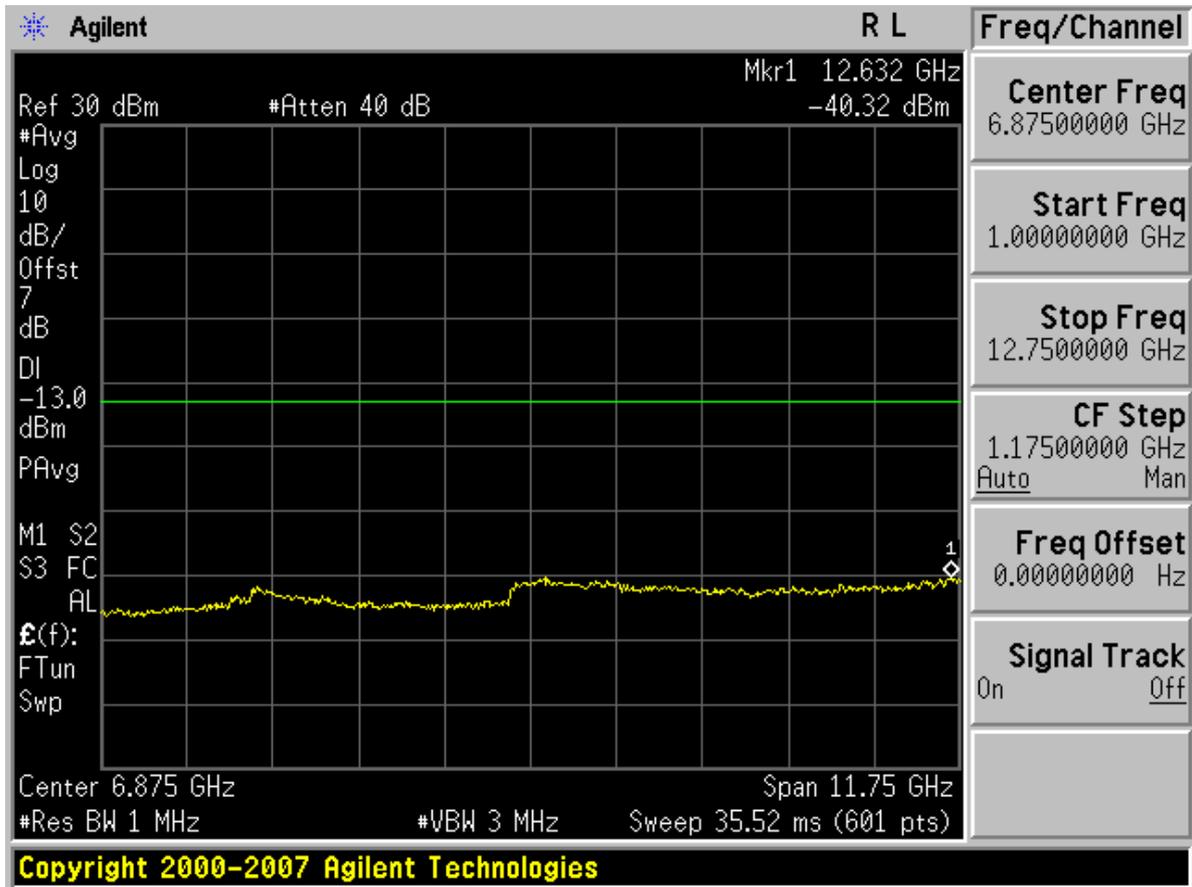


# TM3 Channel 1013



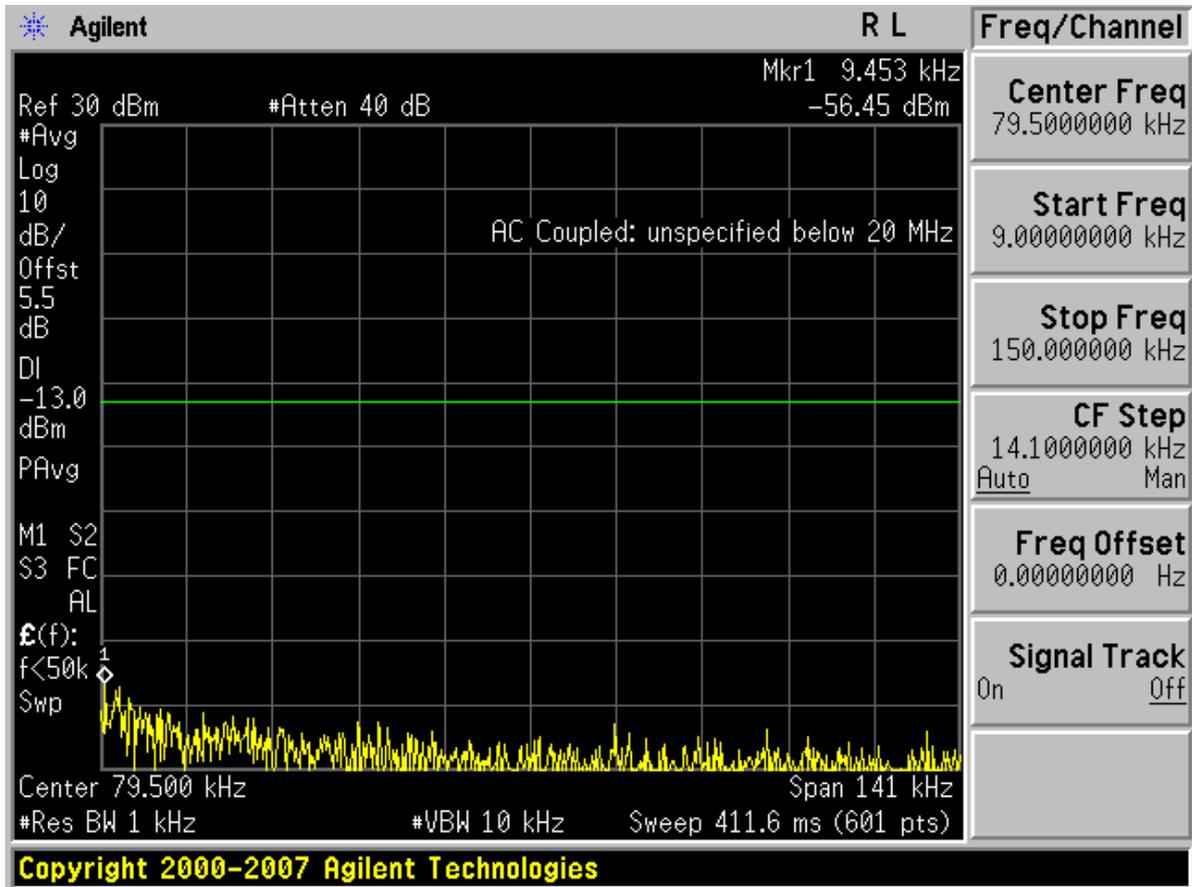


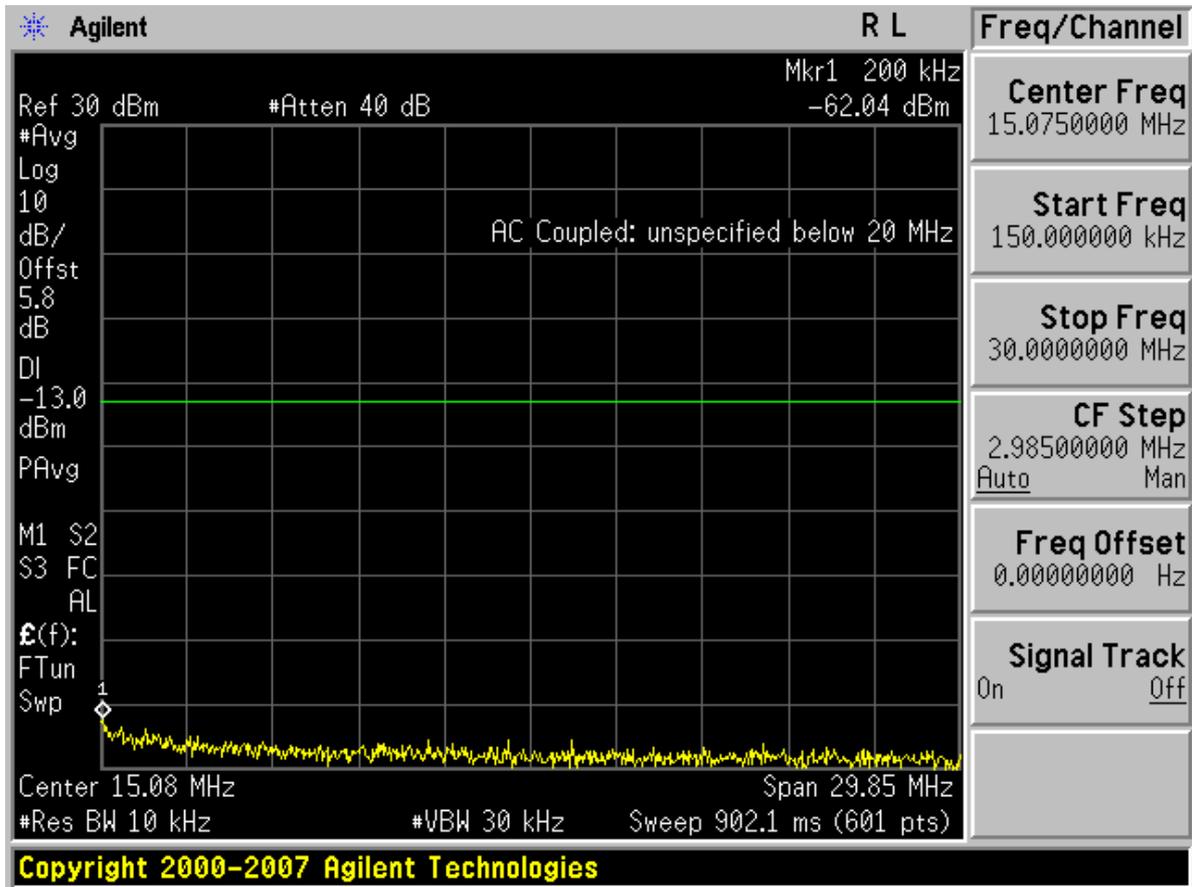


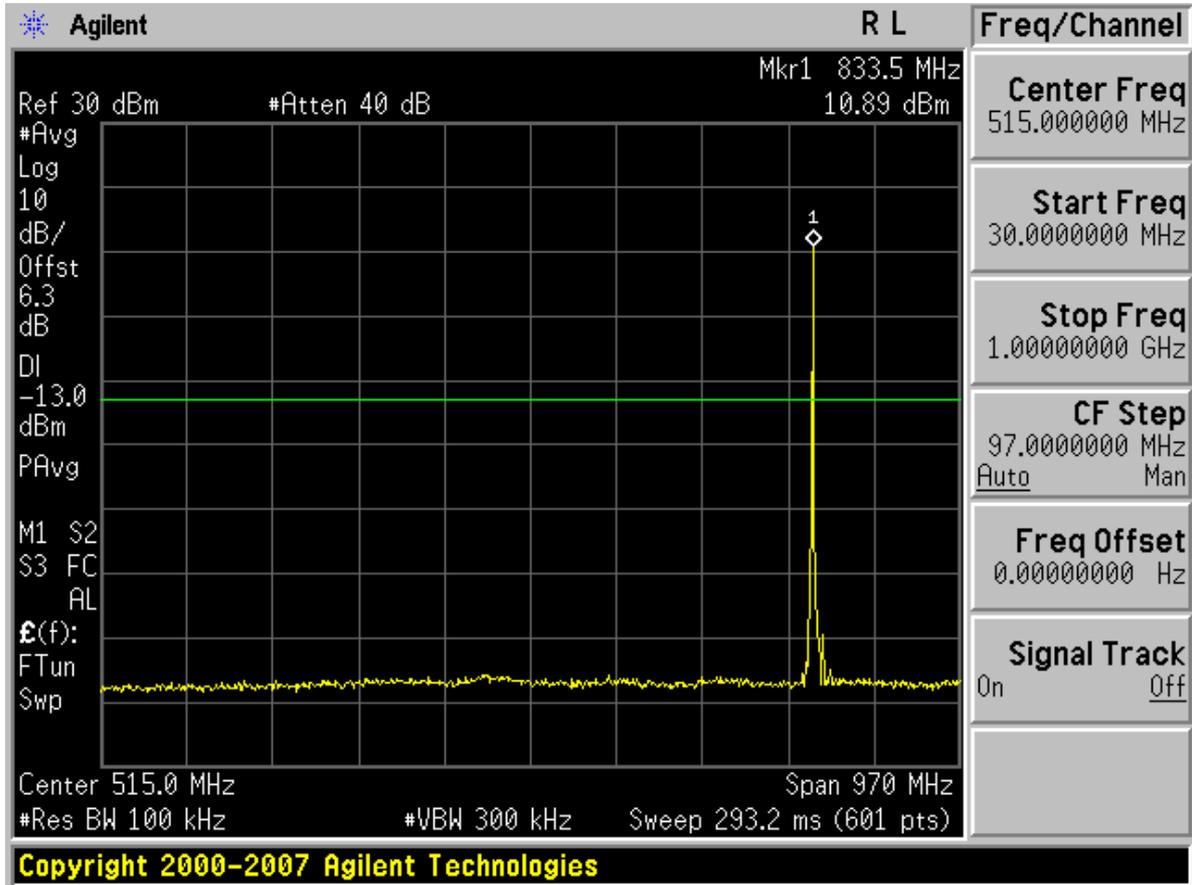


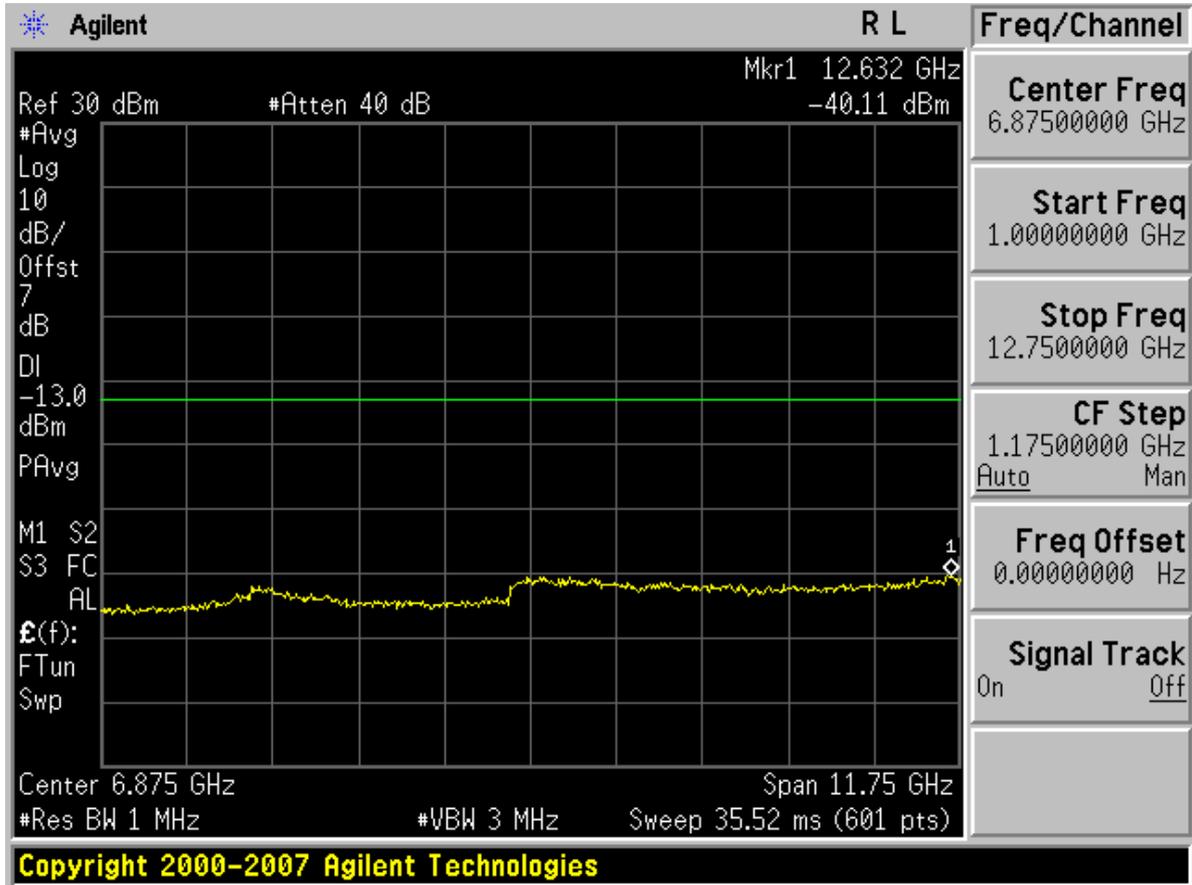


## Channel 283



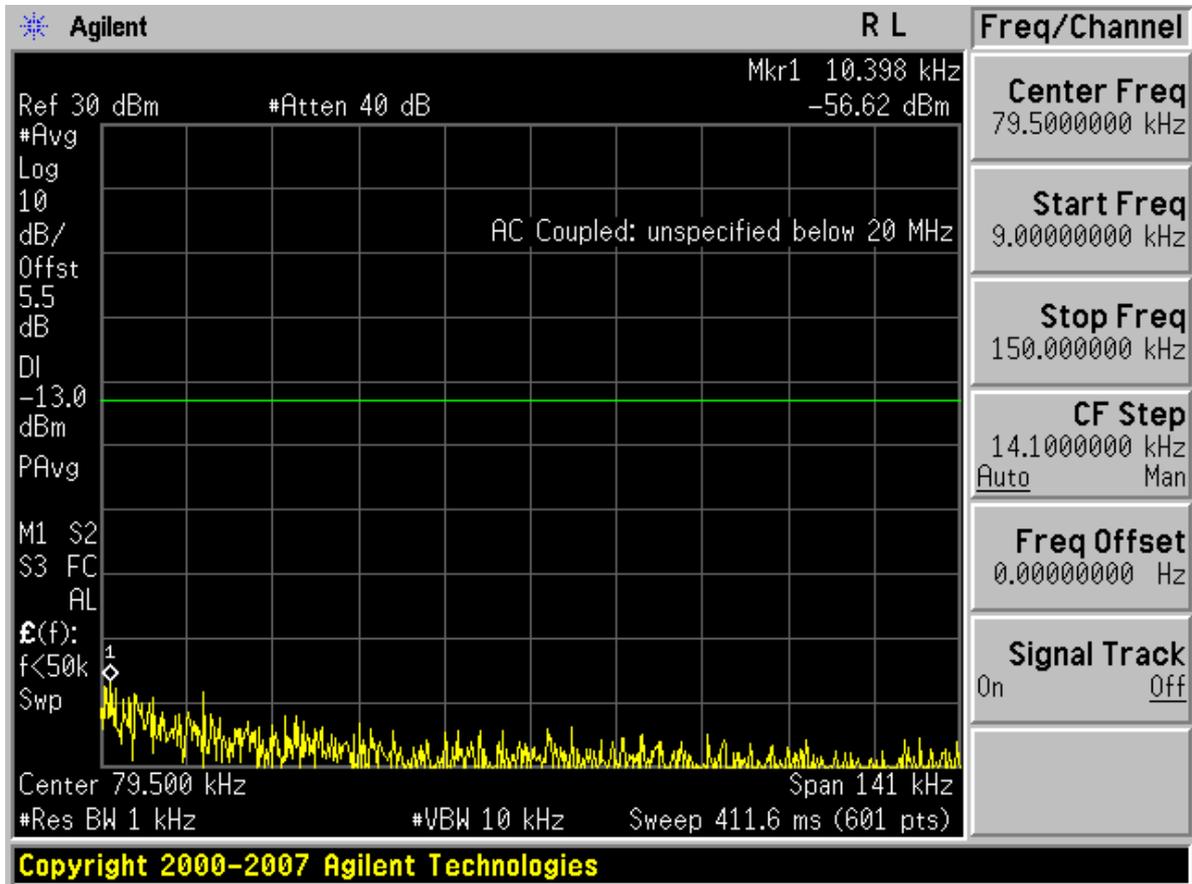


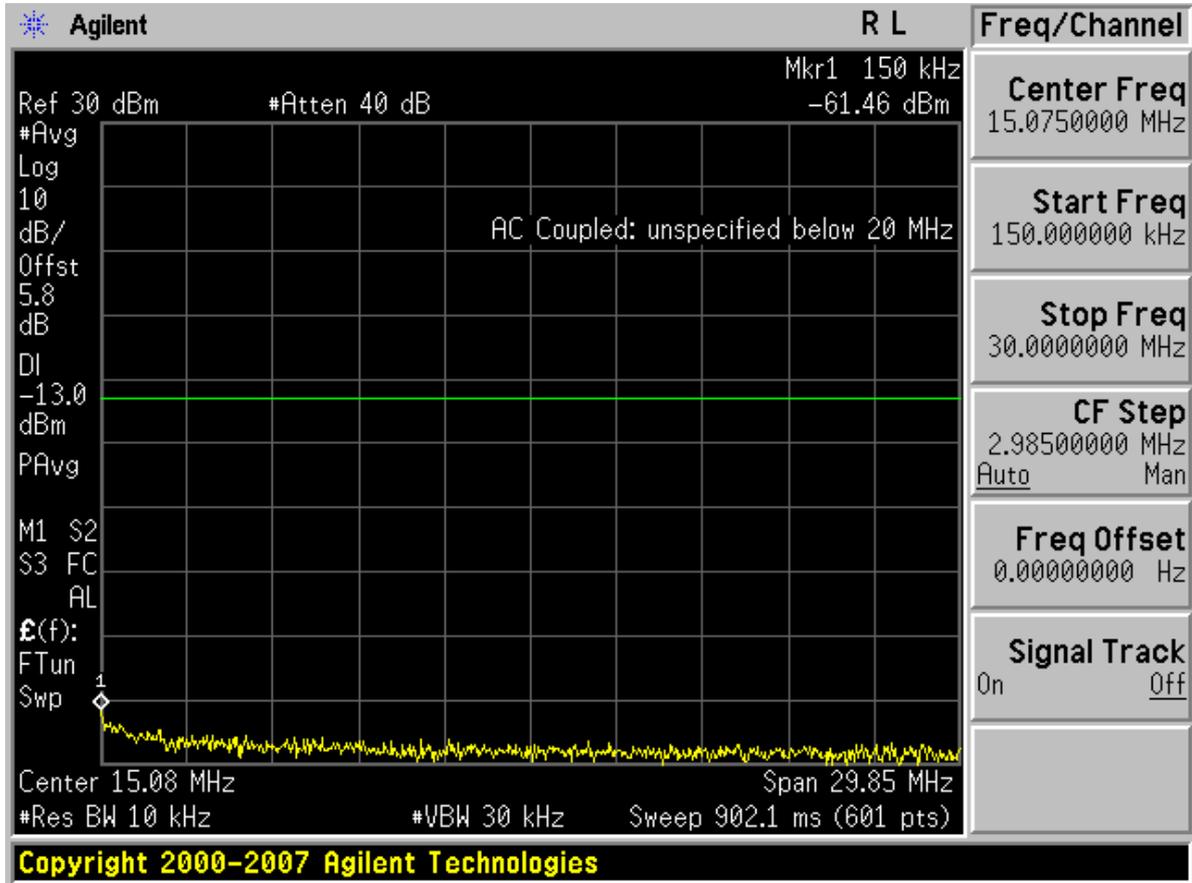


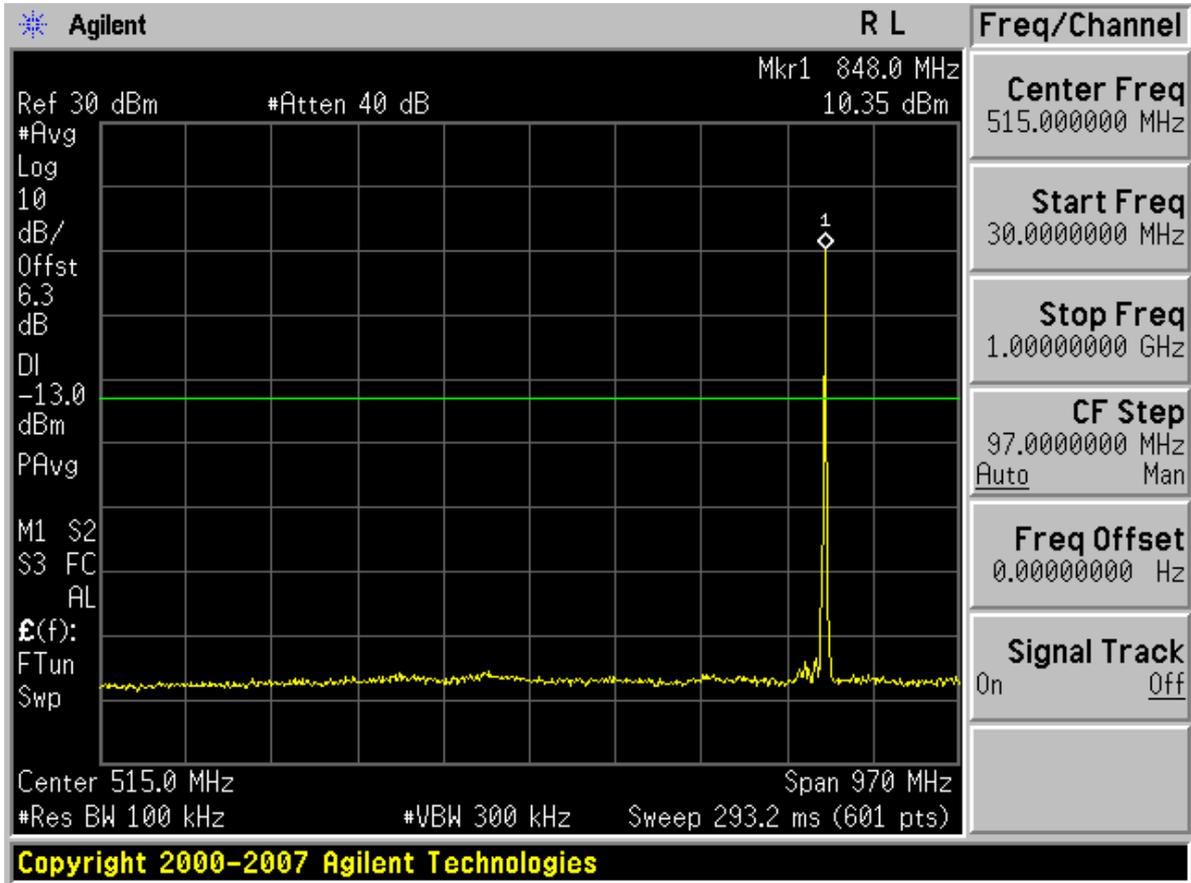


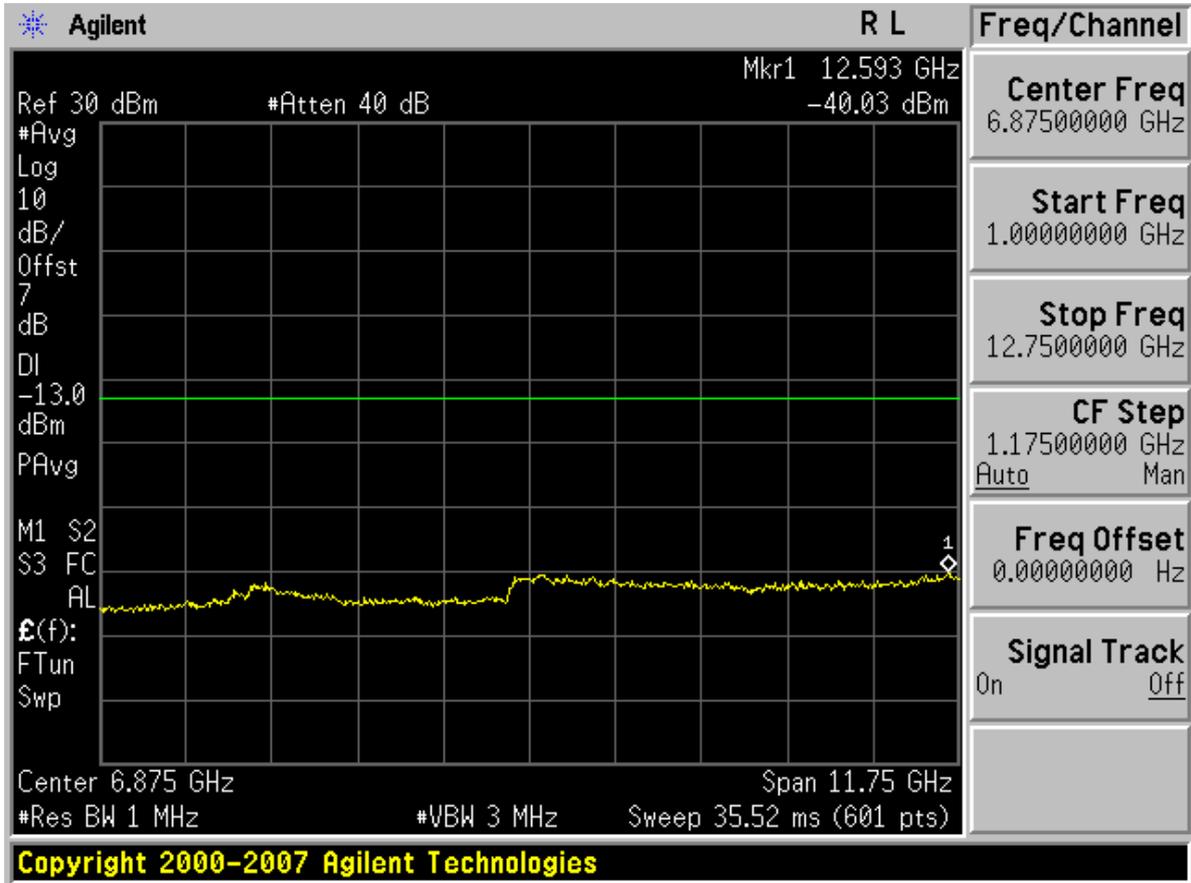


# Channel 777





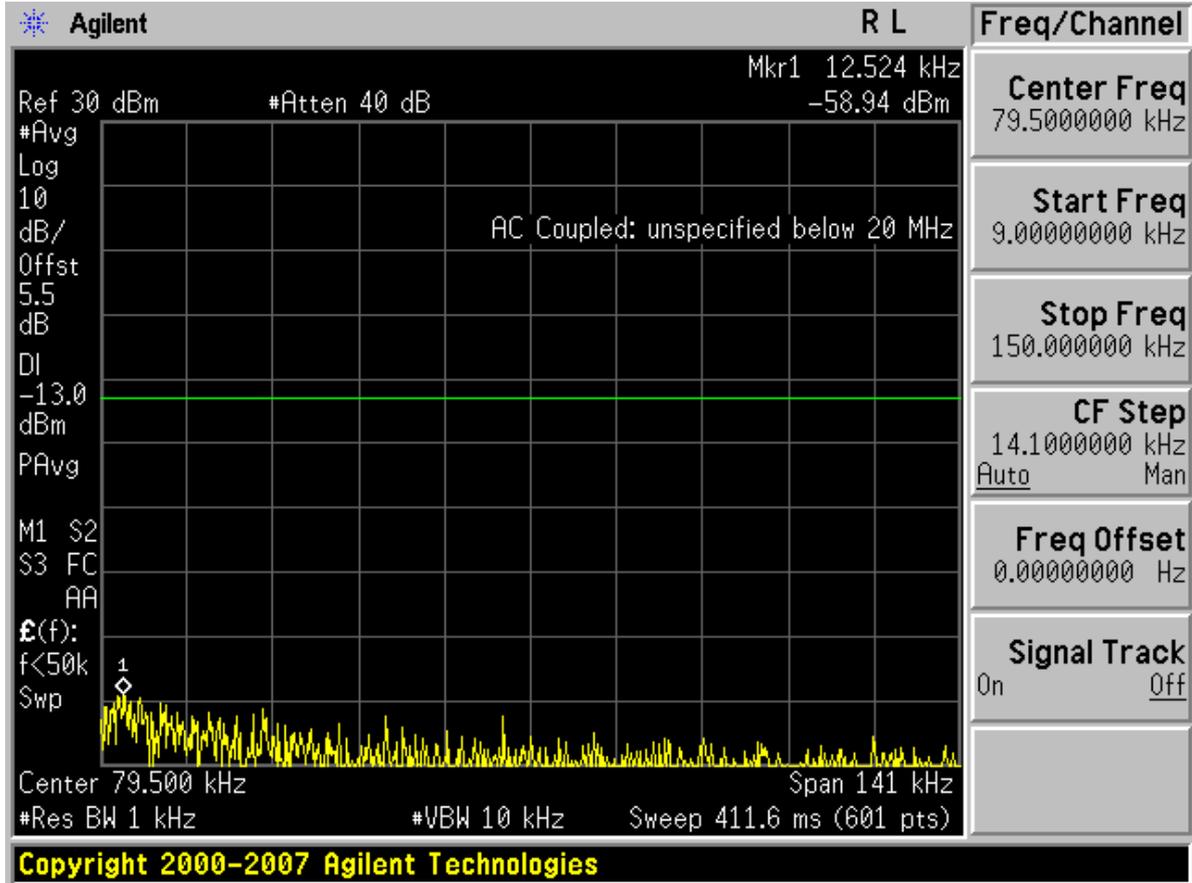


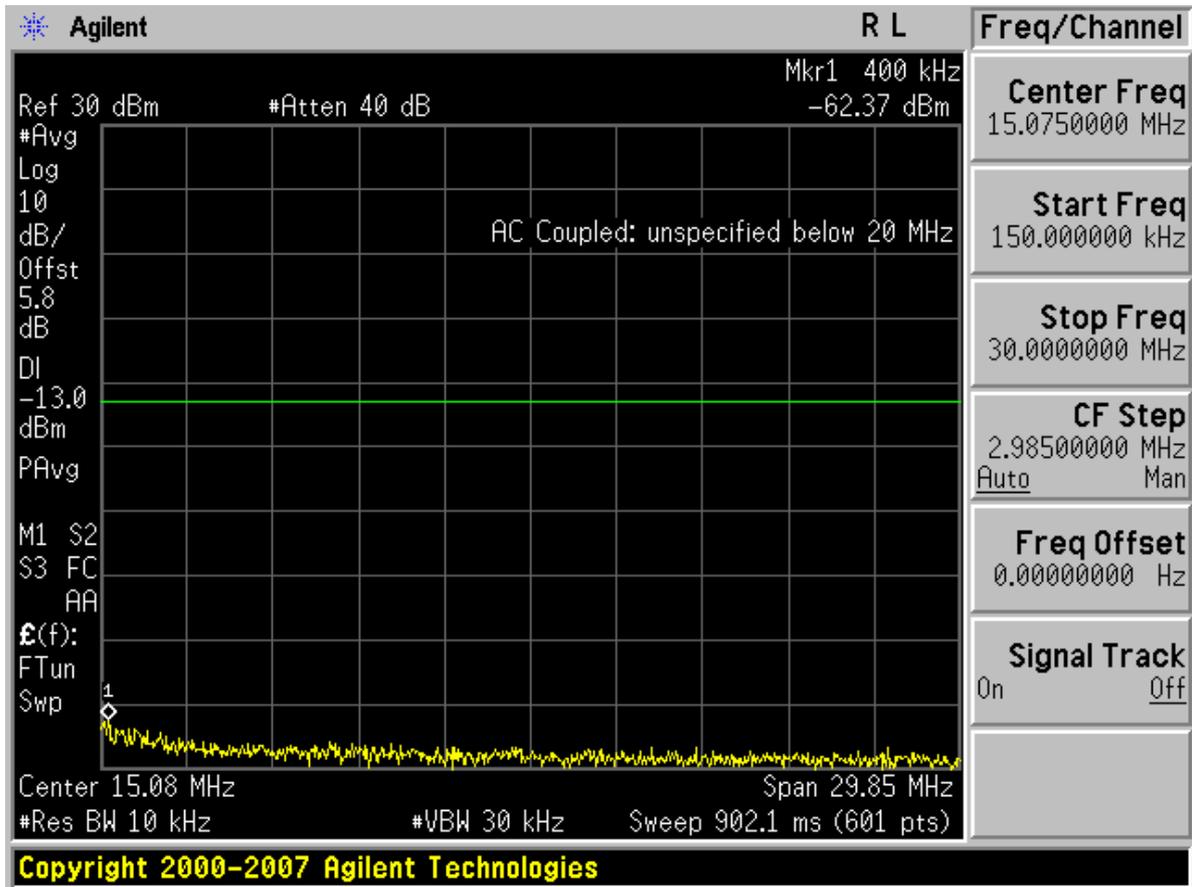


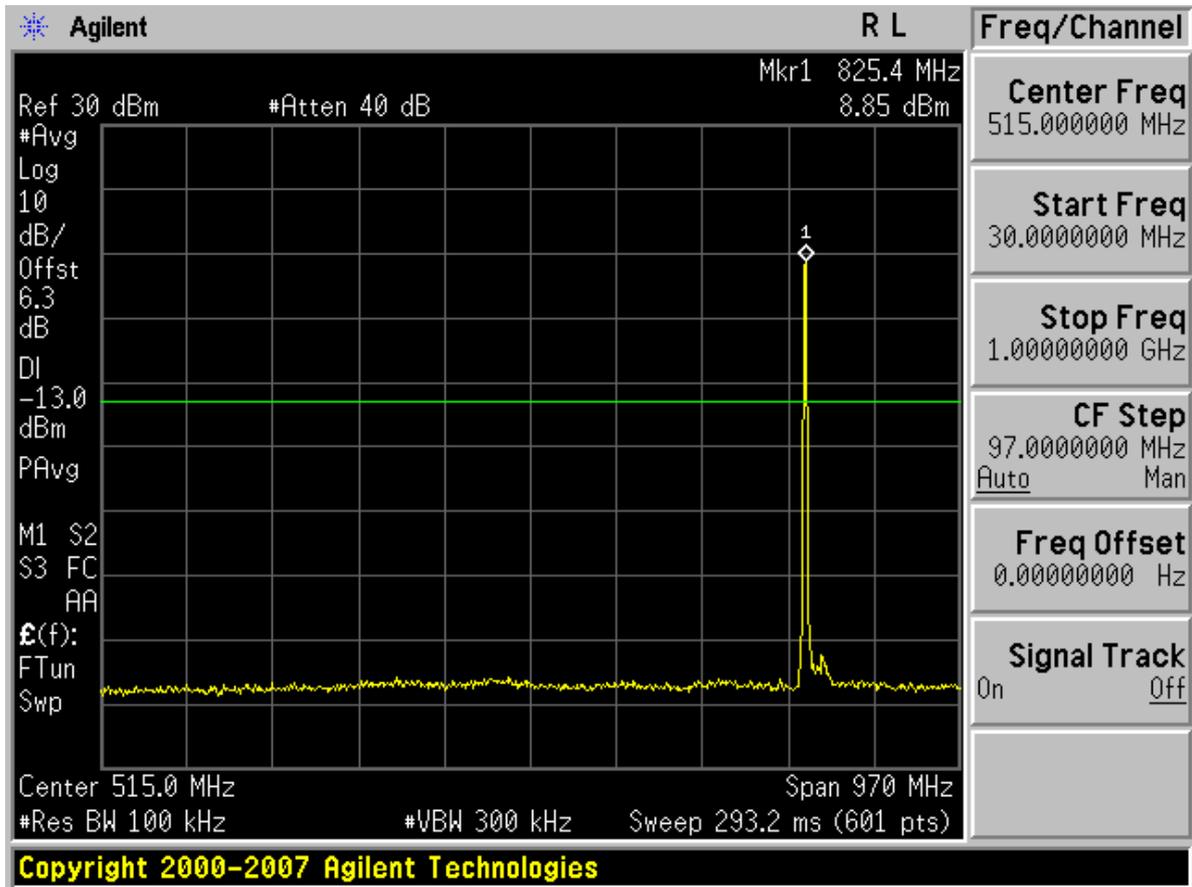


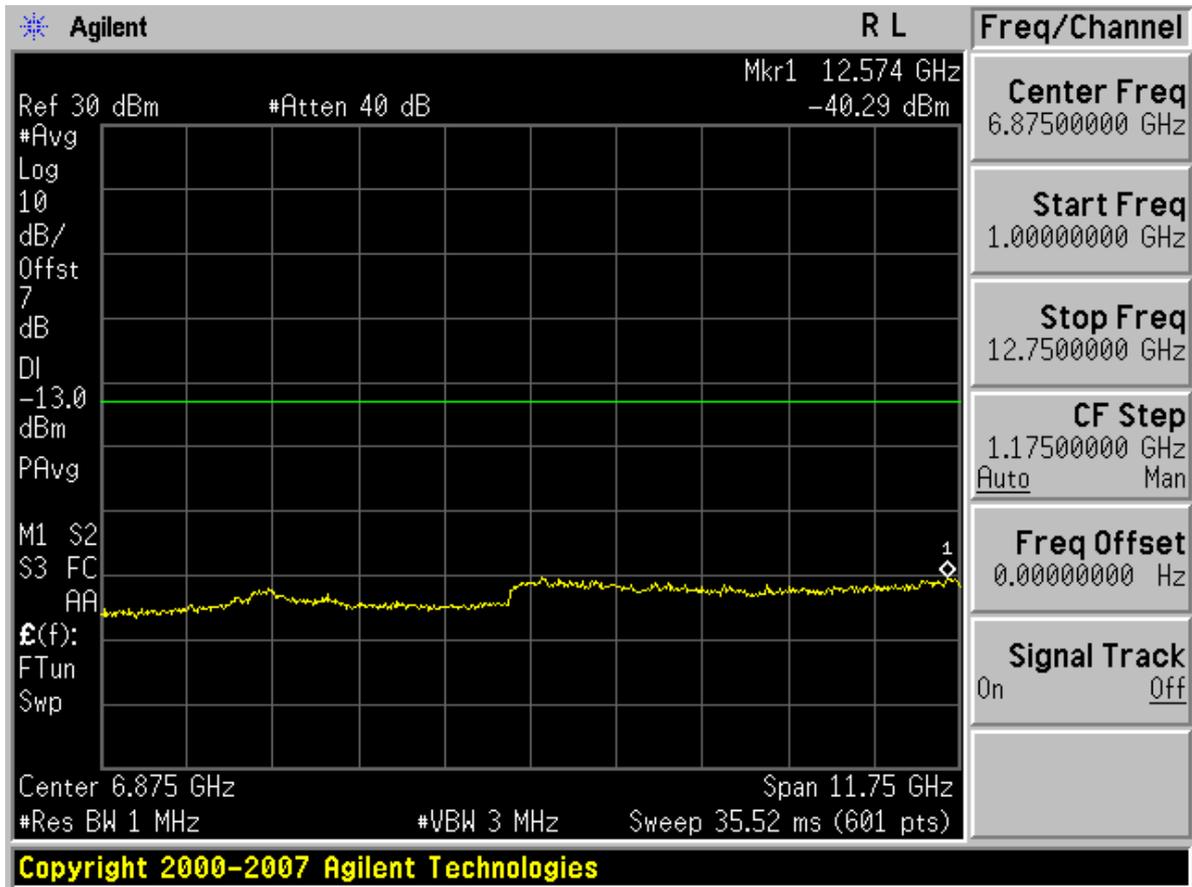
# EVDO subtype 0

## Channel 1013



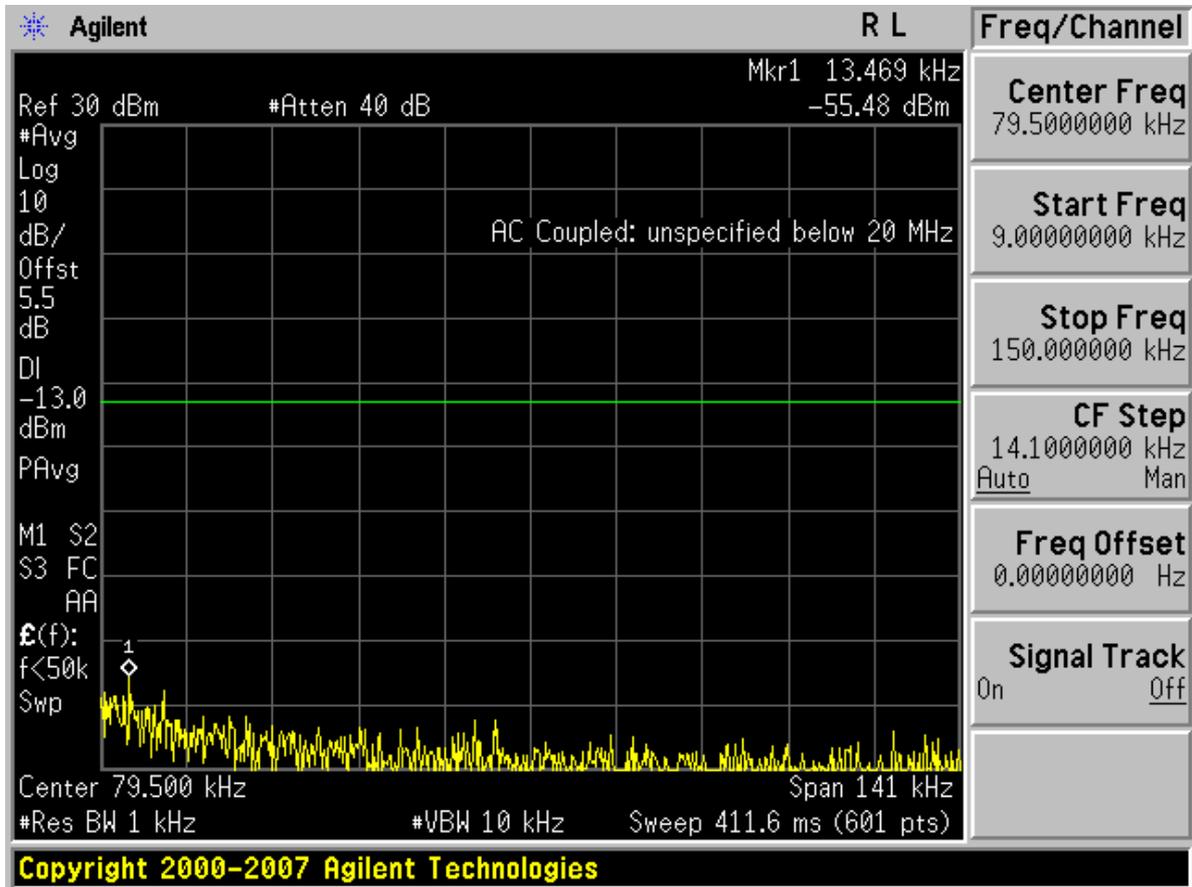


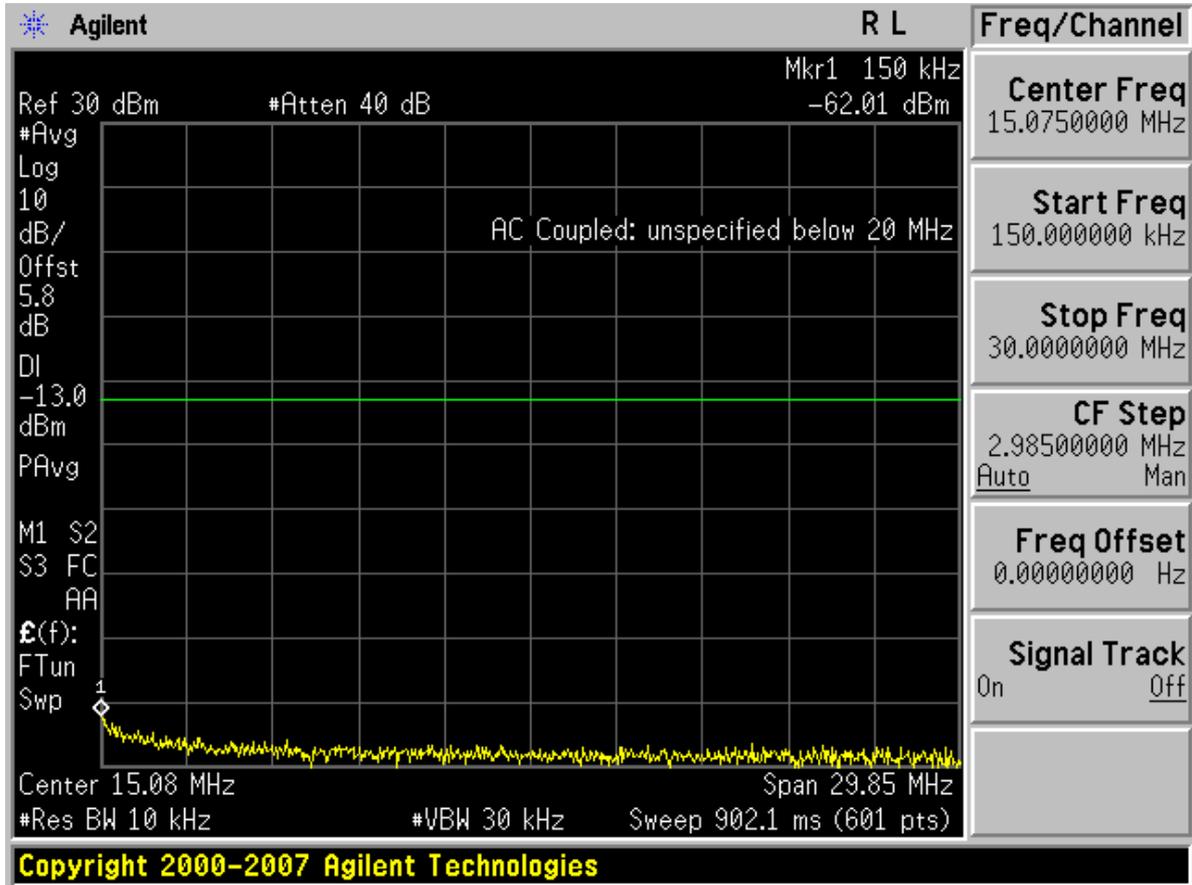


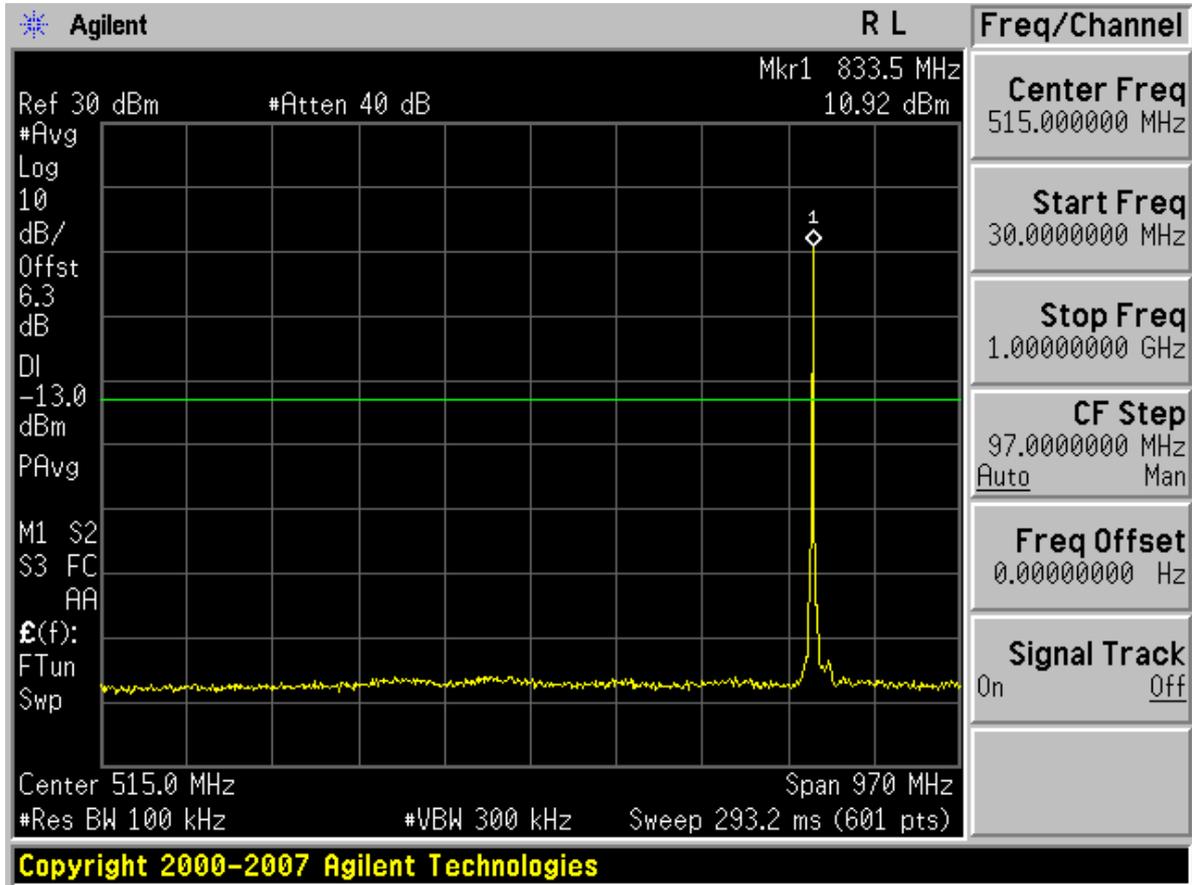


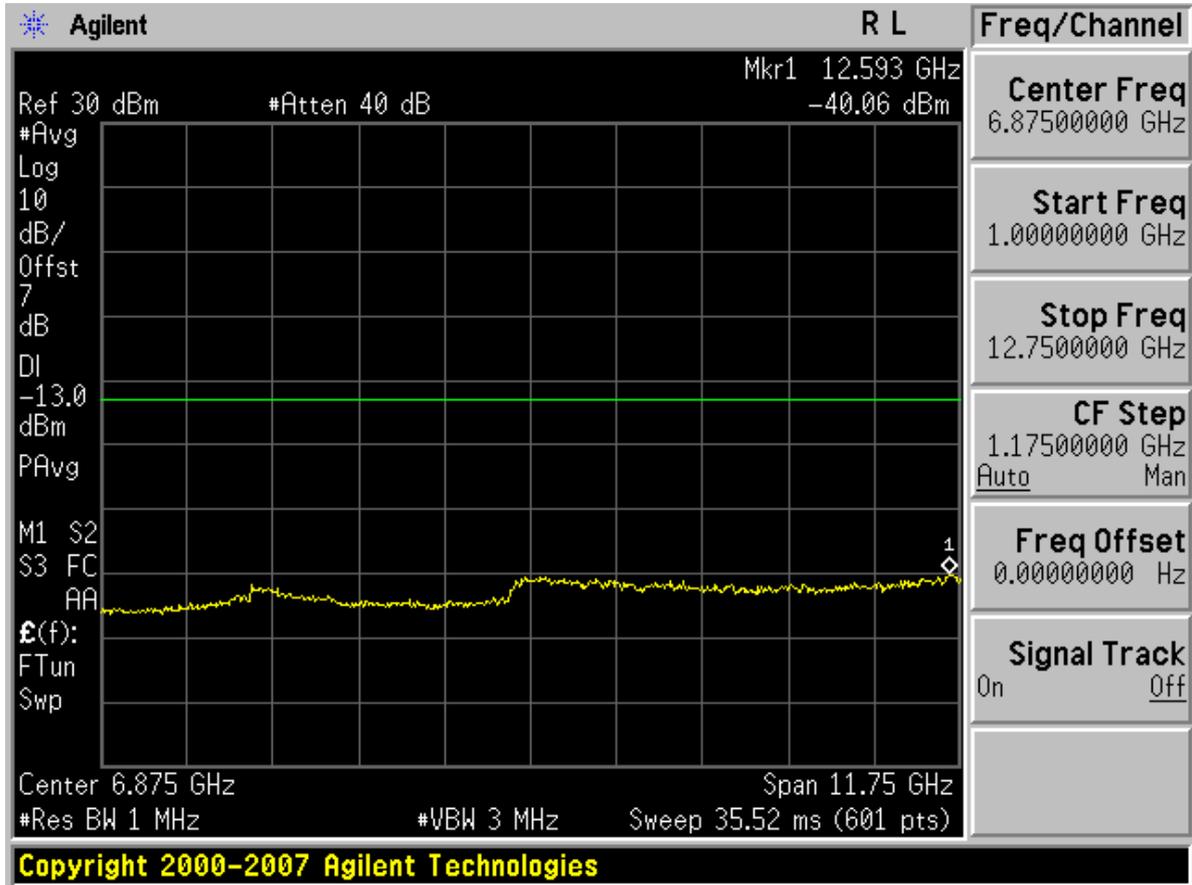


## Channel 283



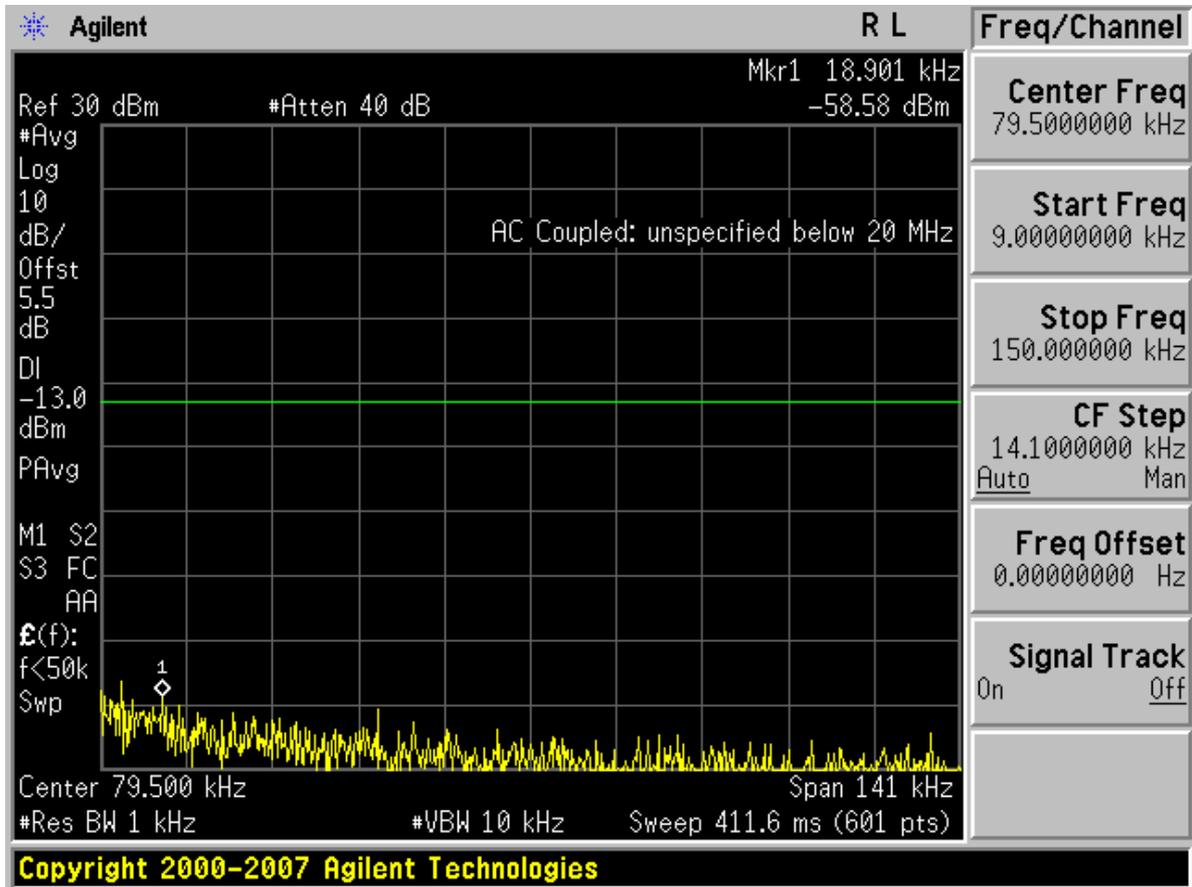


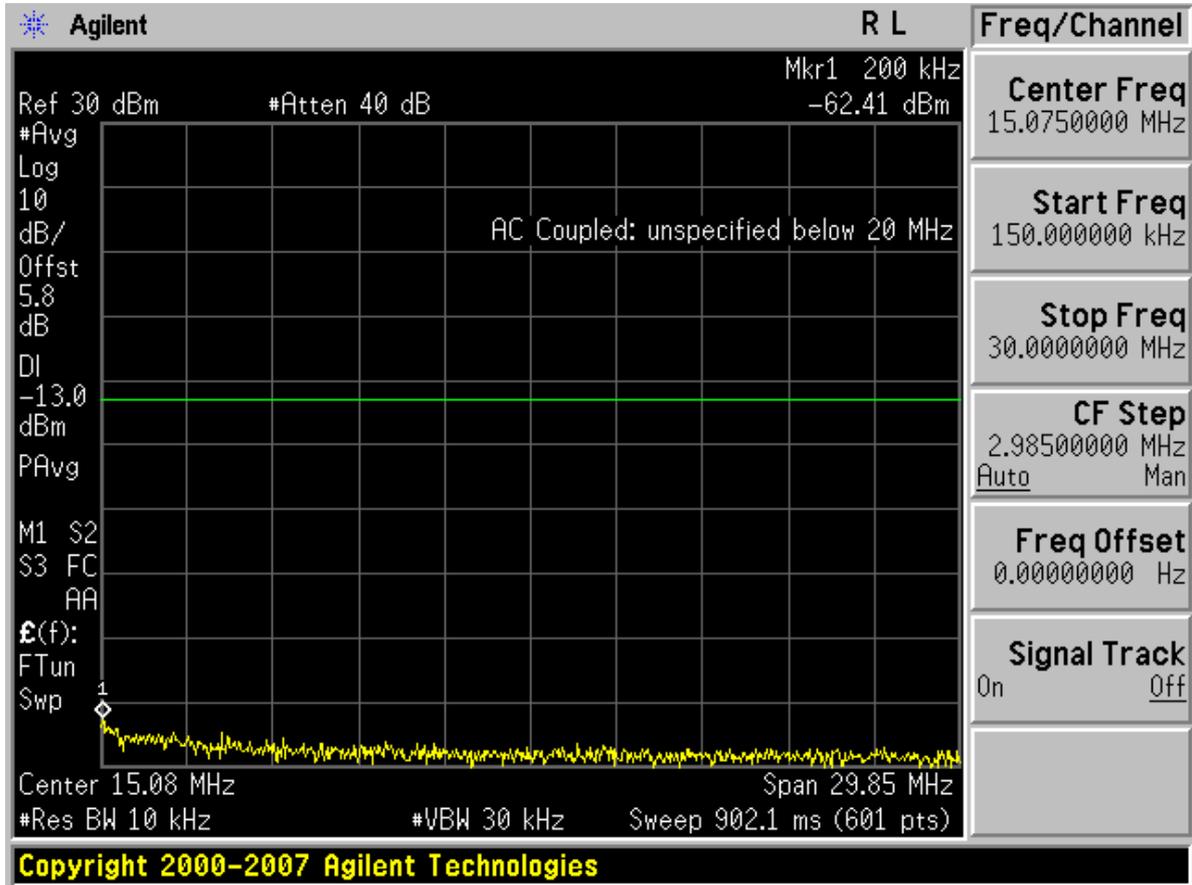


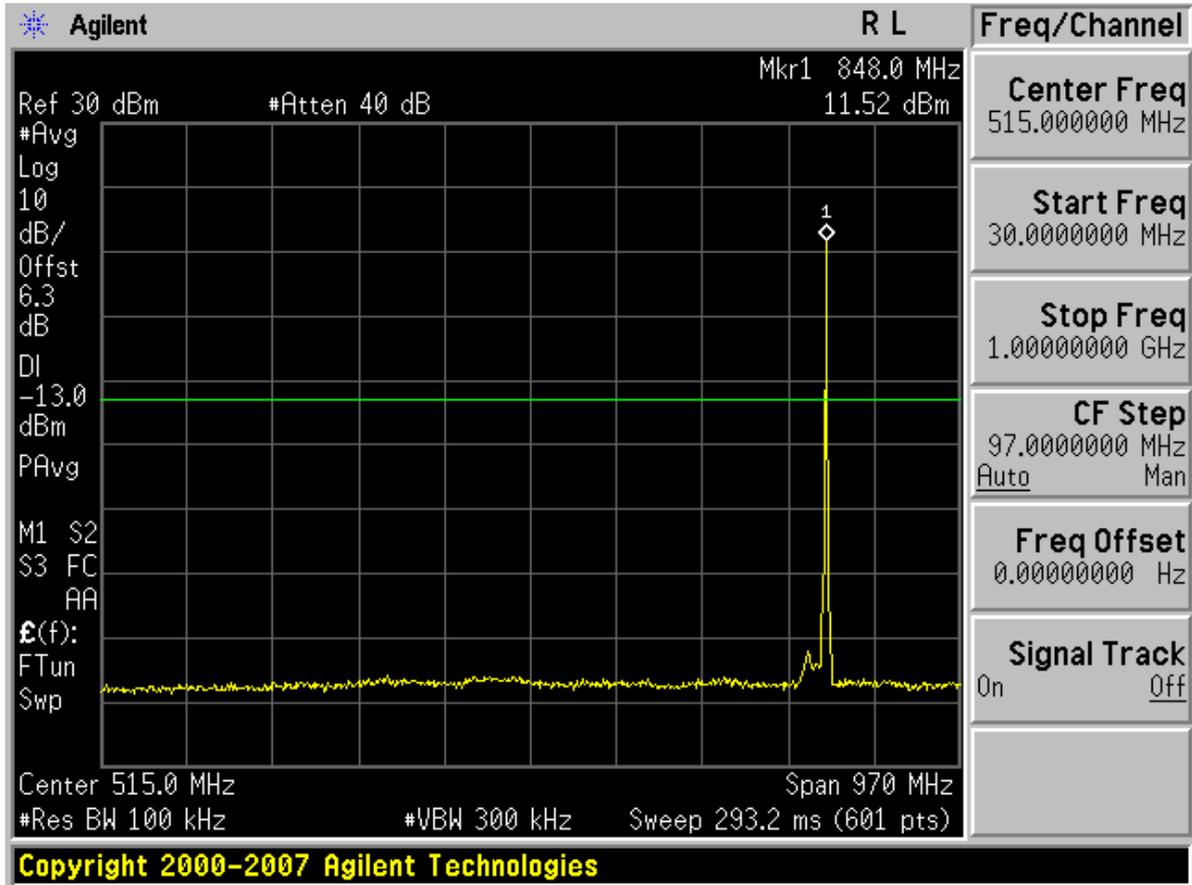


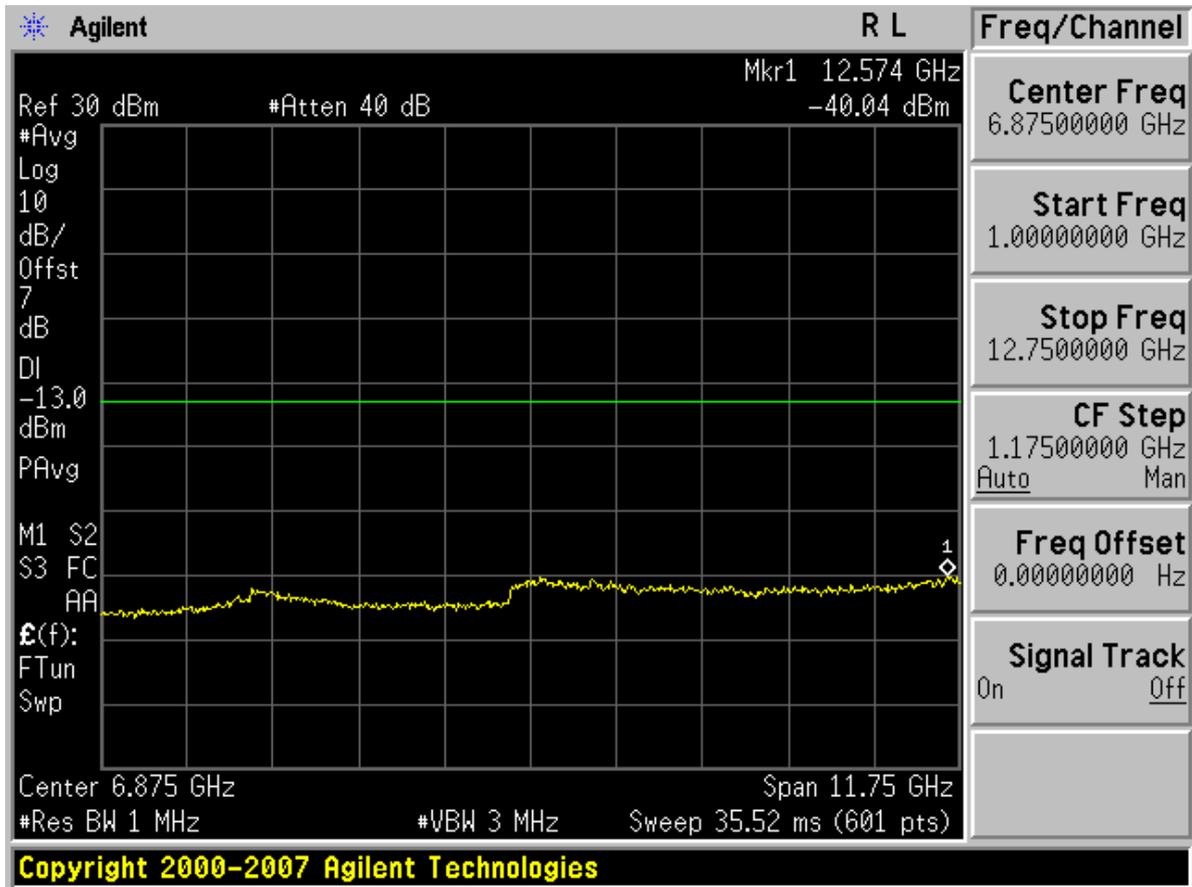


## Channel 777







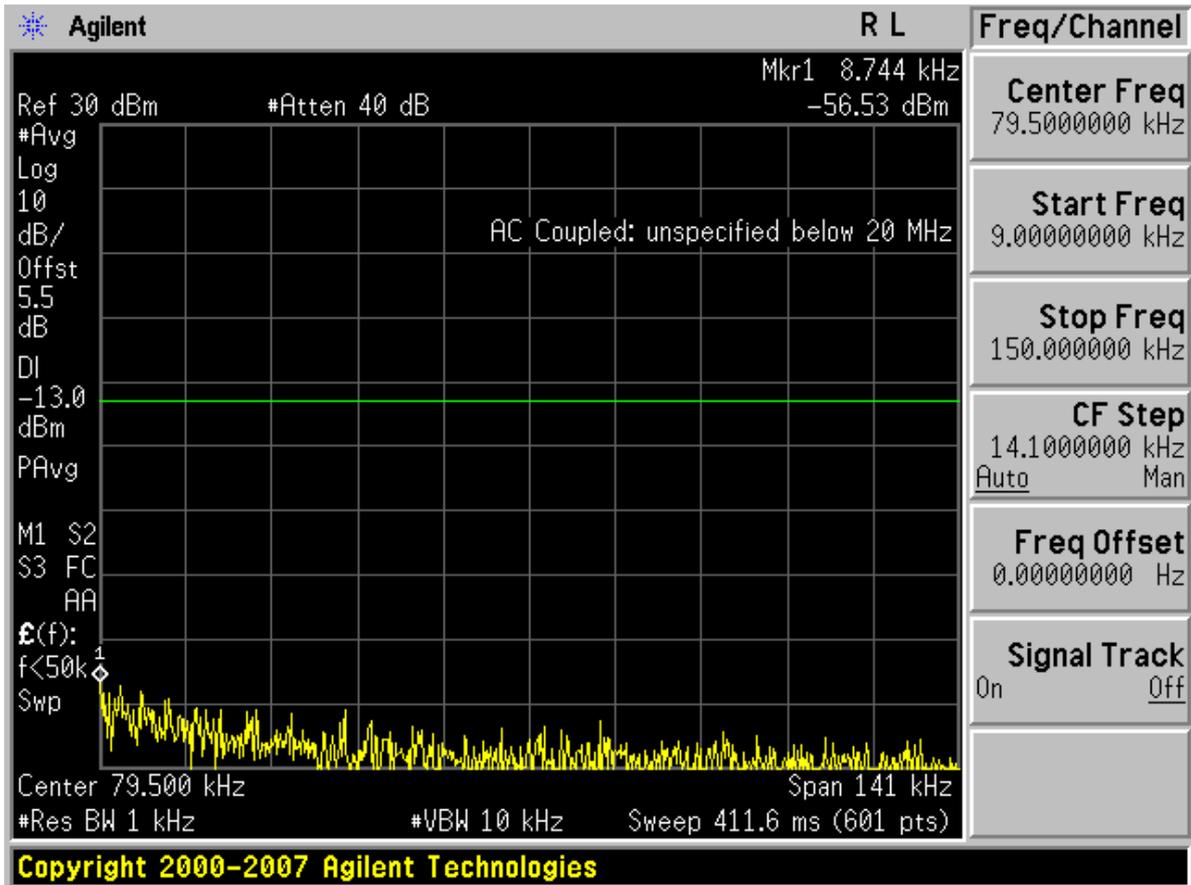


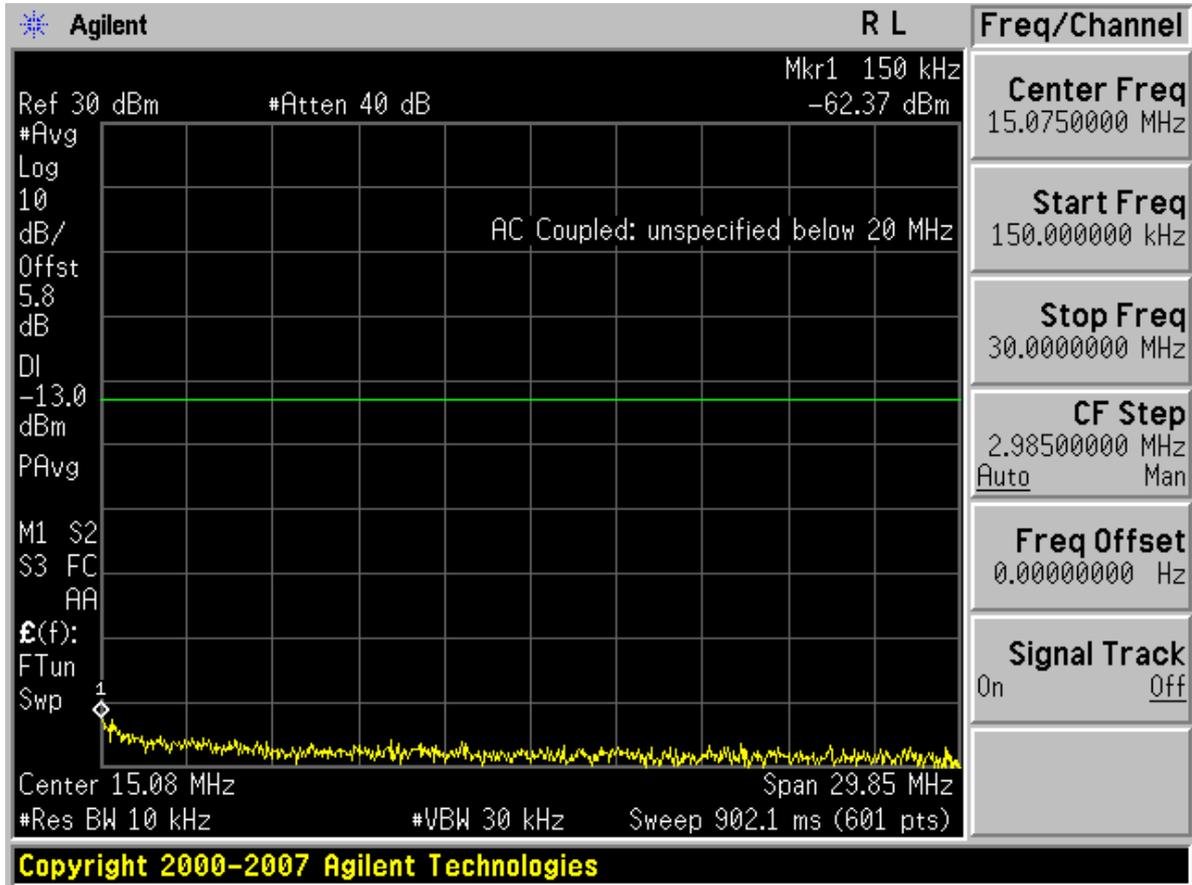


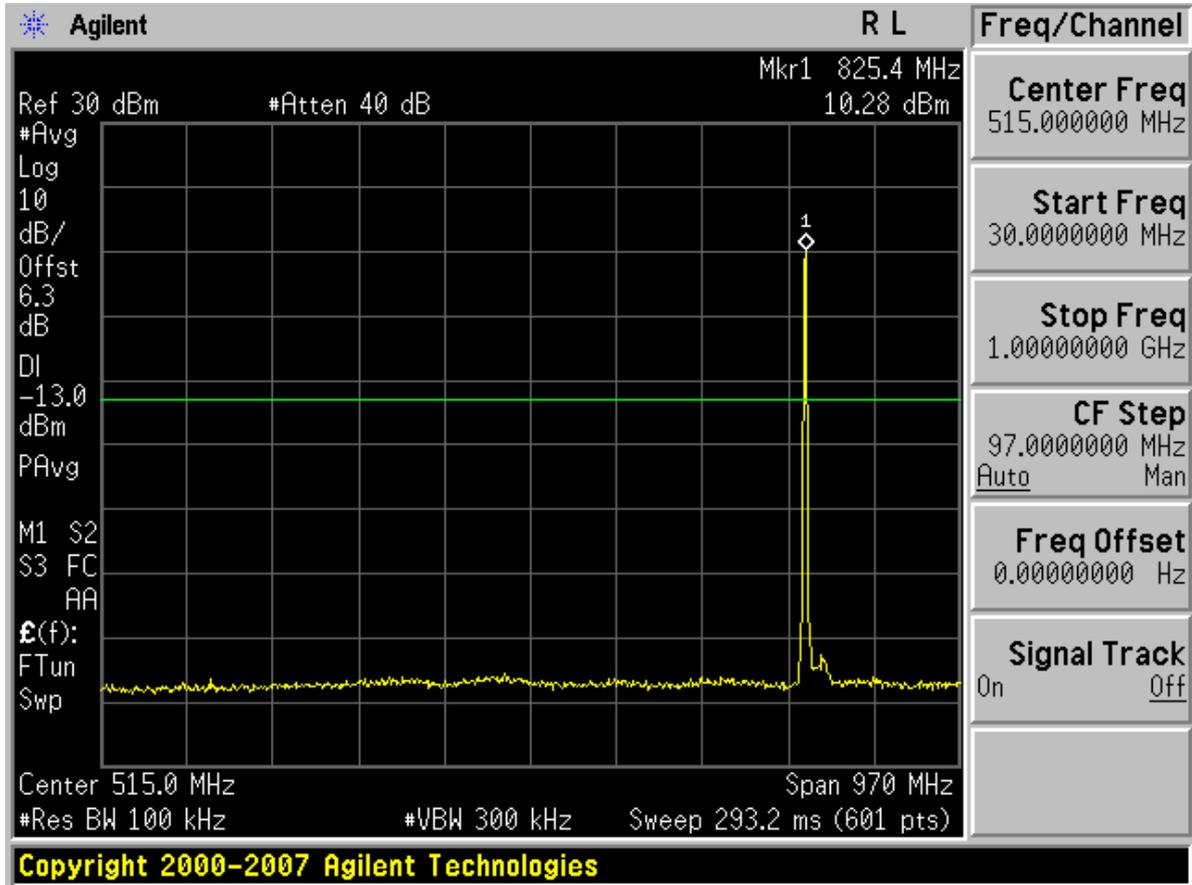
# EVDO subtype 2

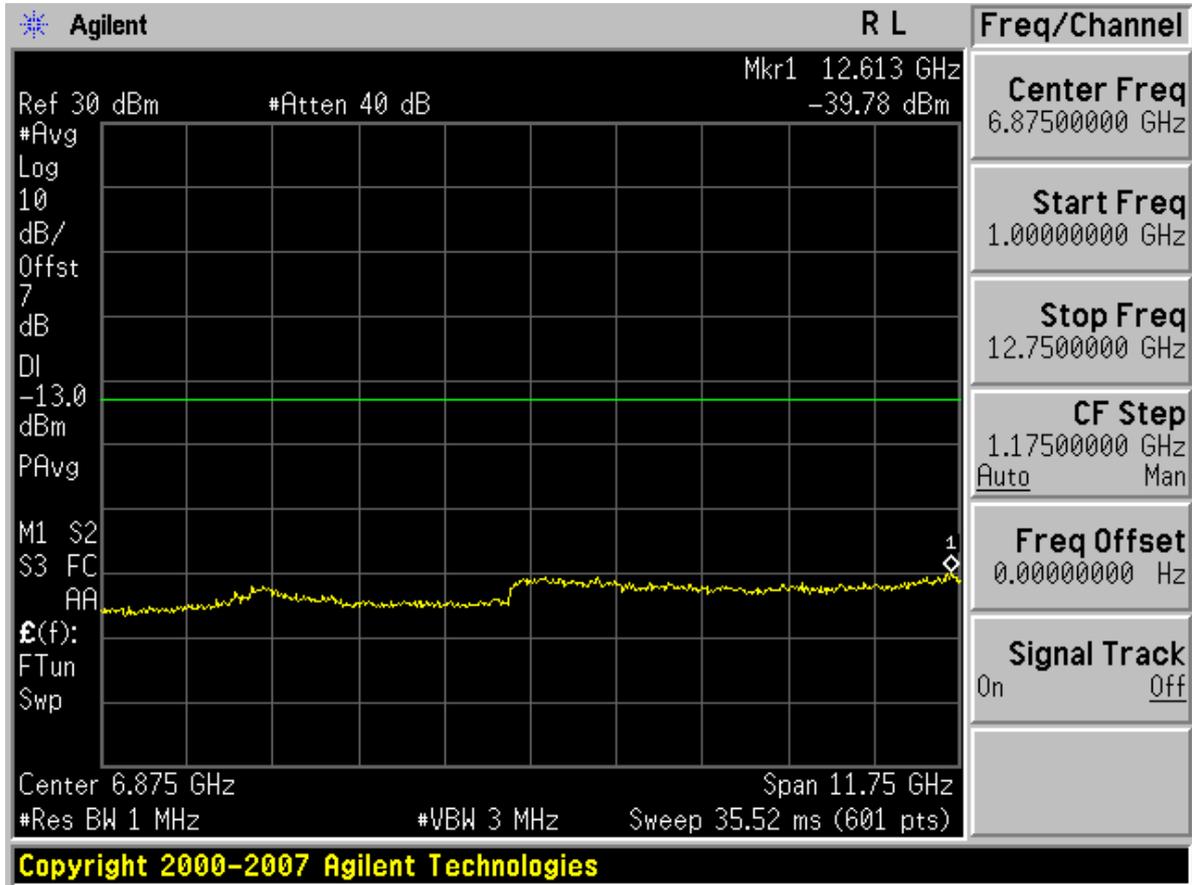
Modulation: HPSK

## Channel 1013



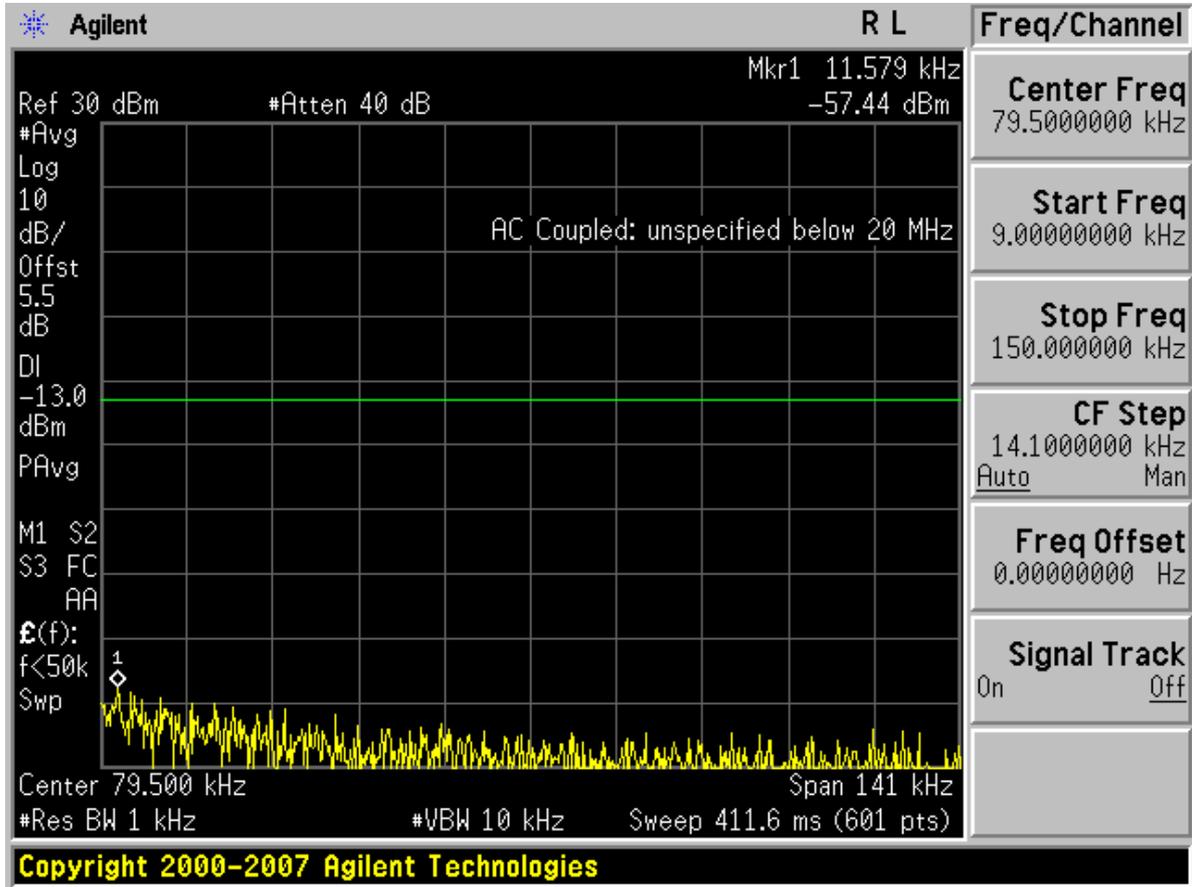


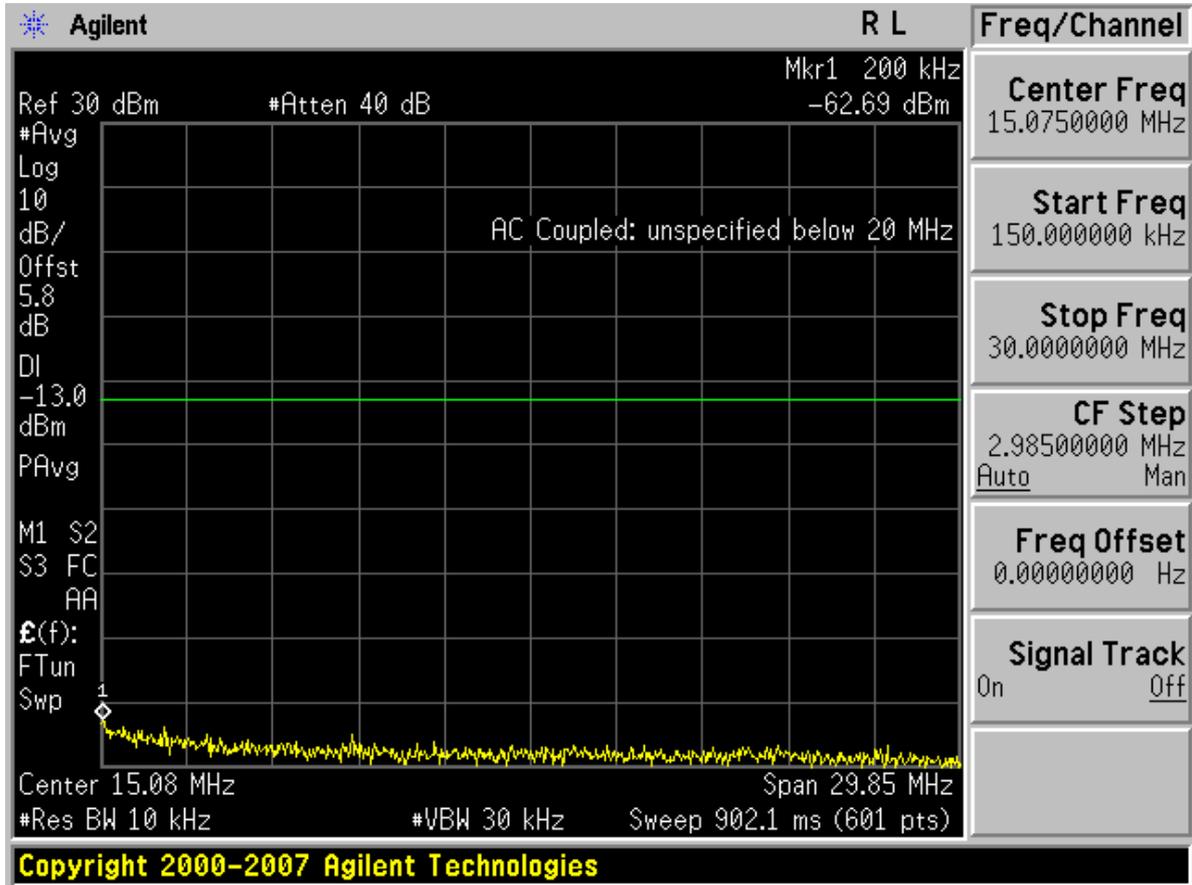


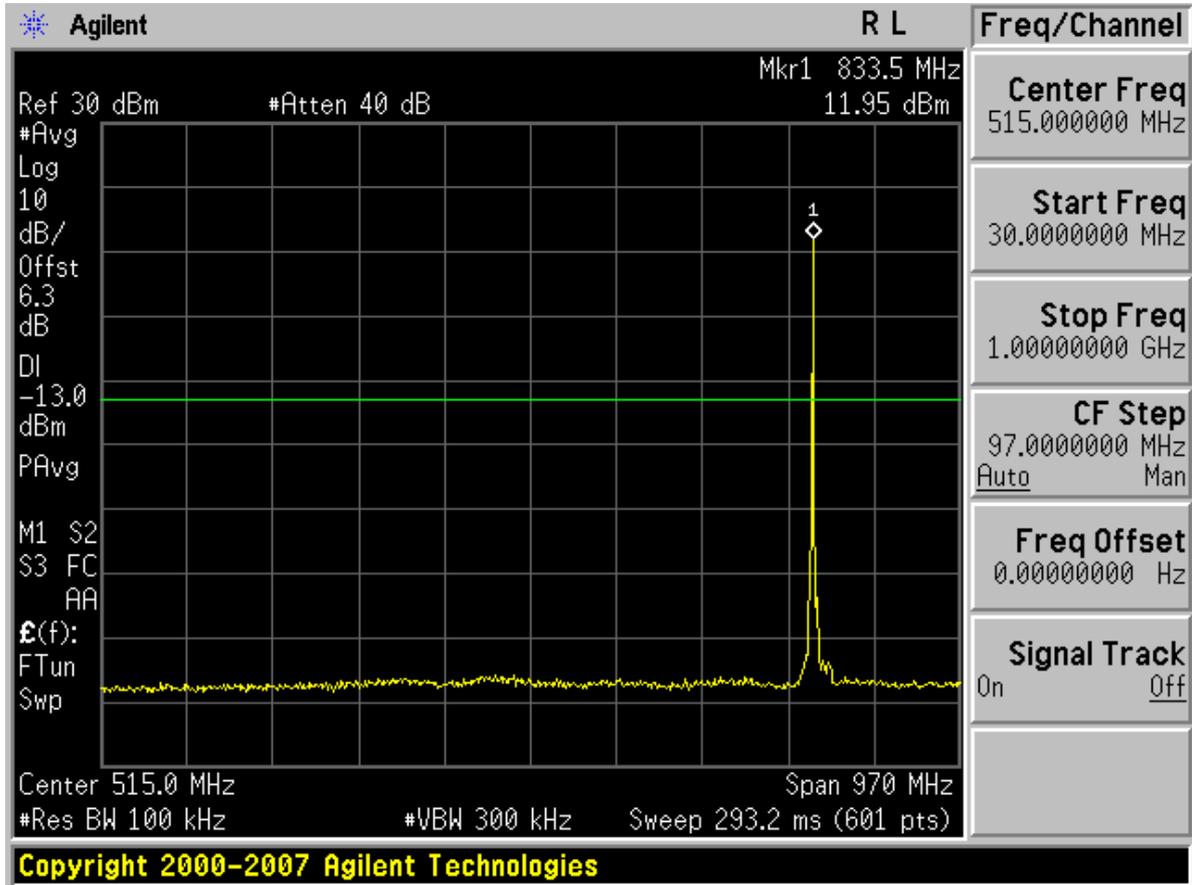


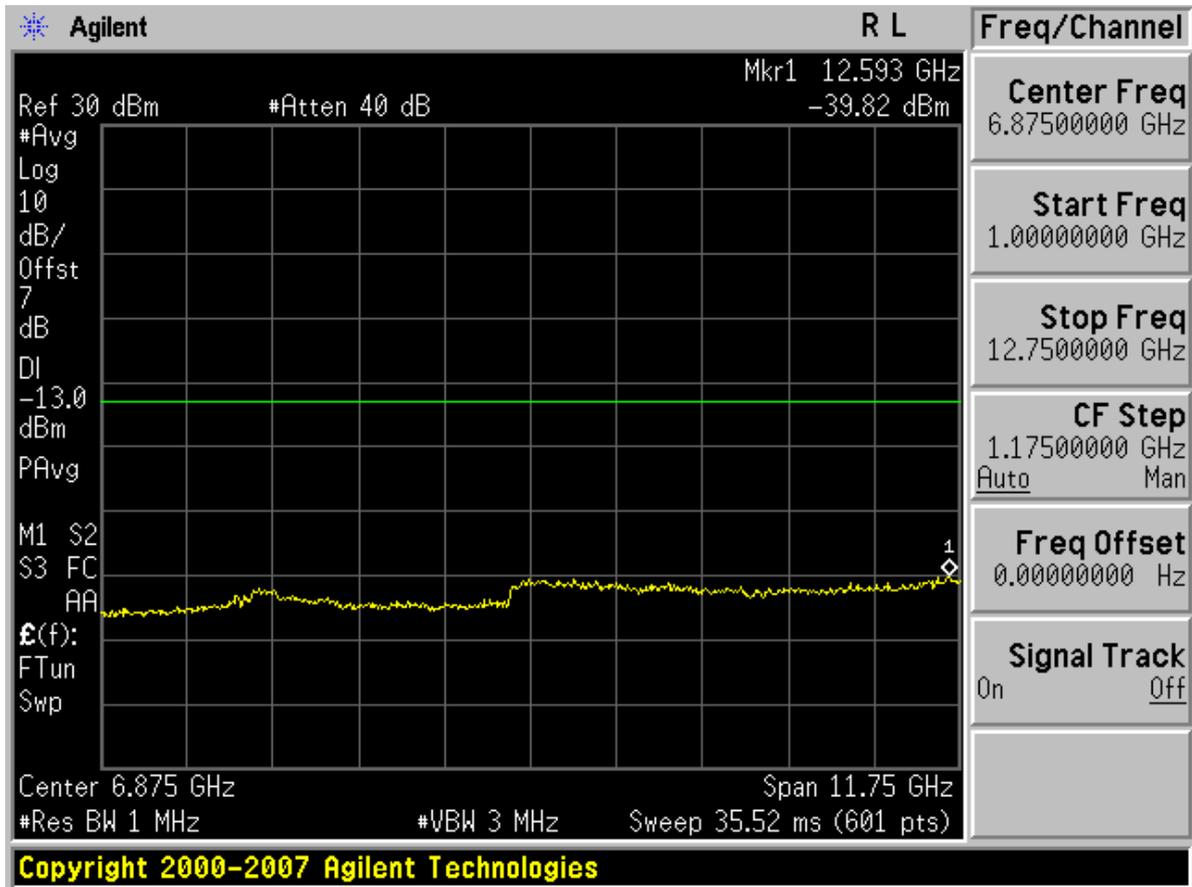


# Channel 283



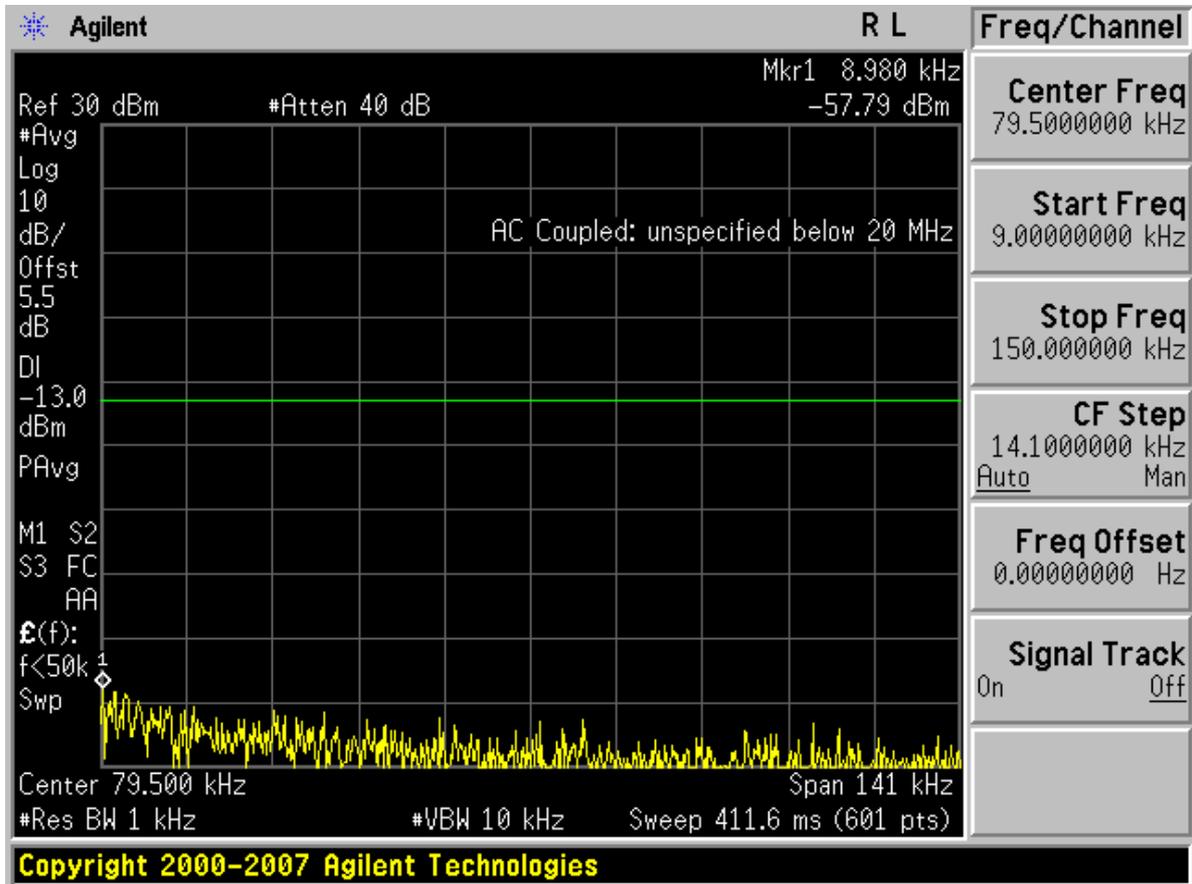


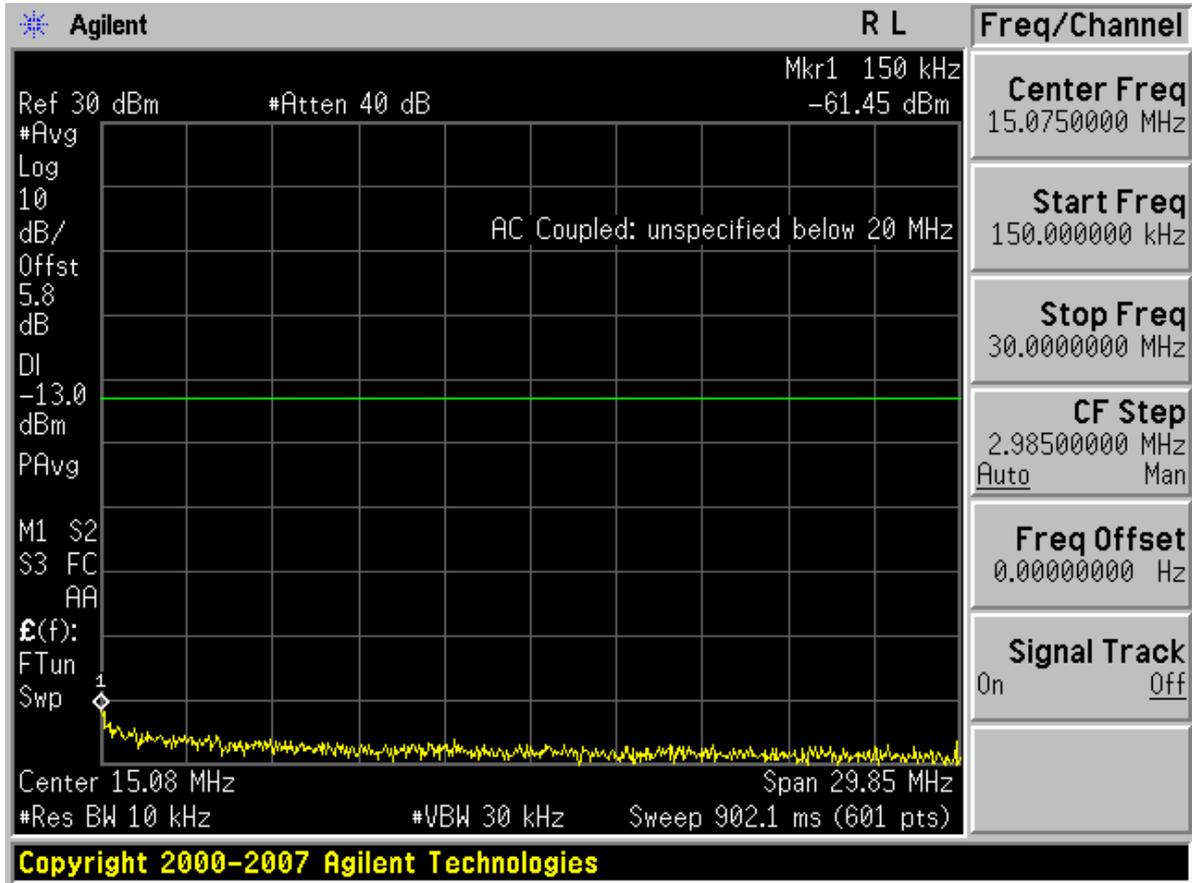


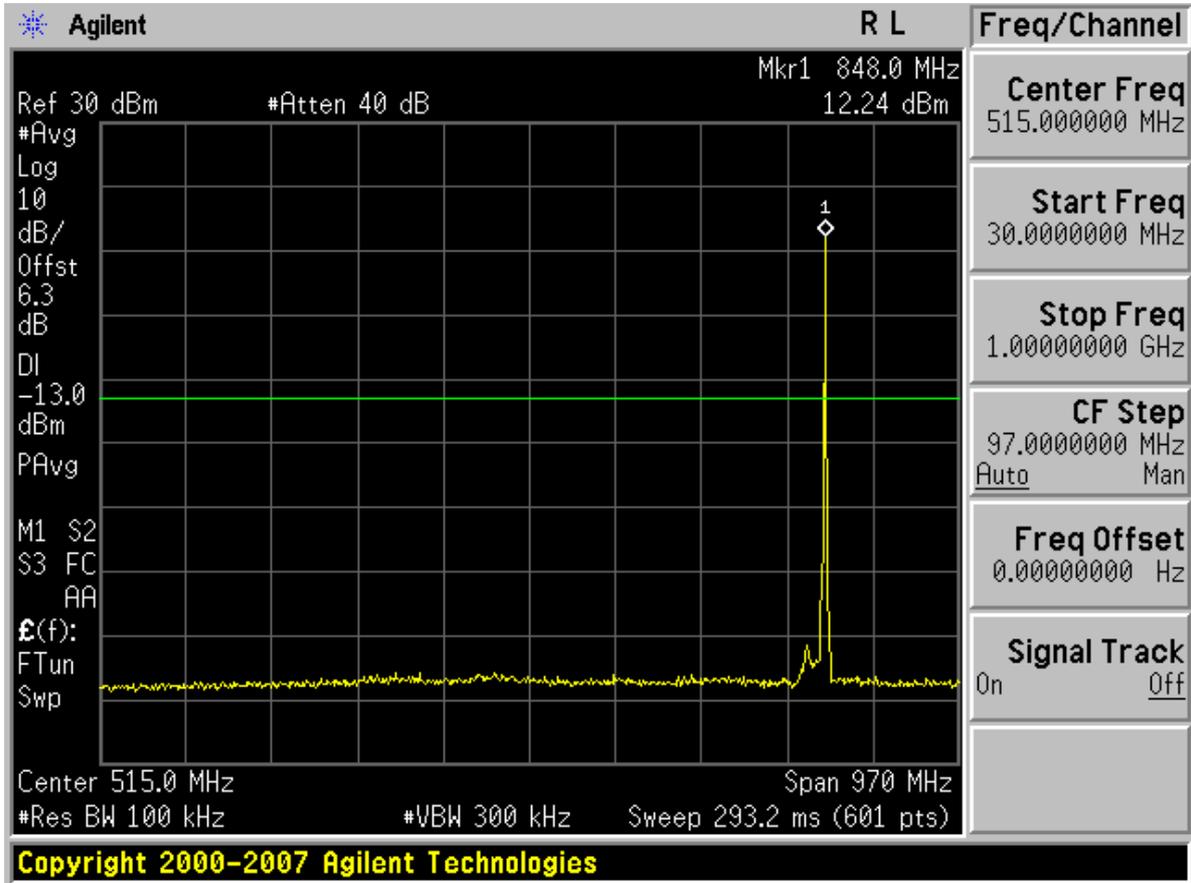


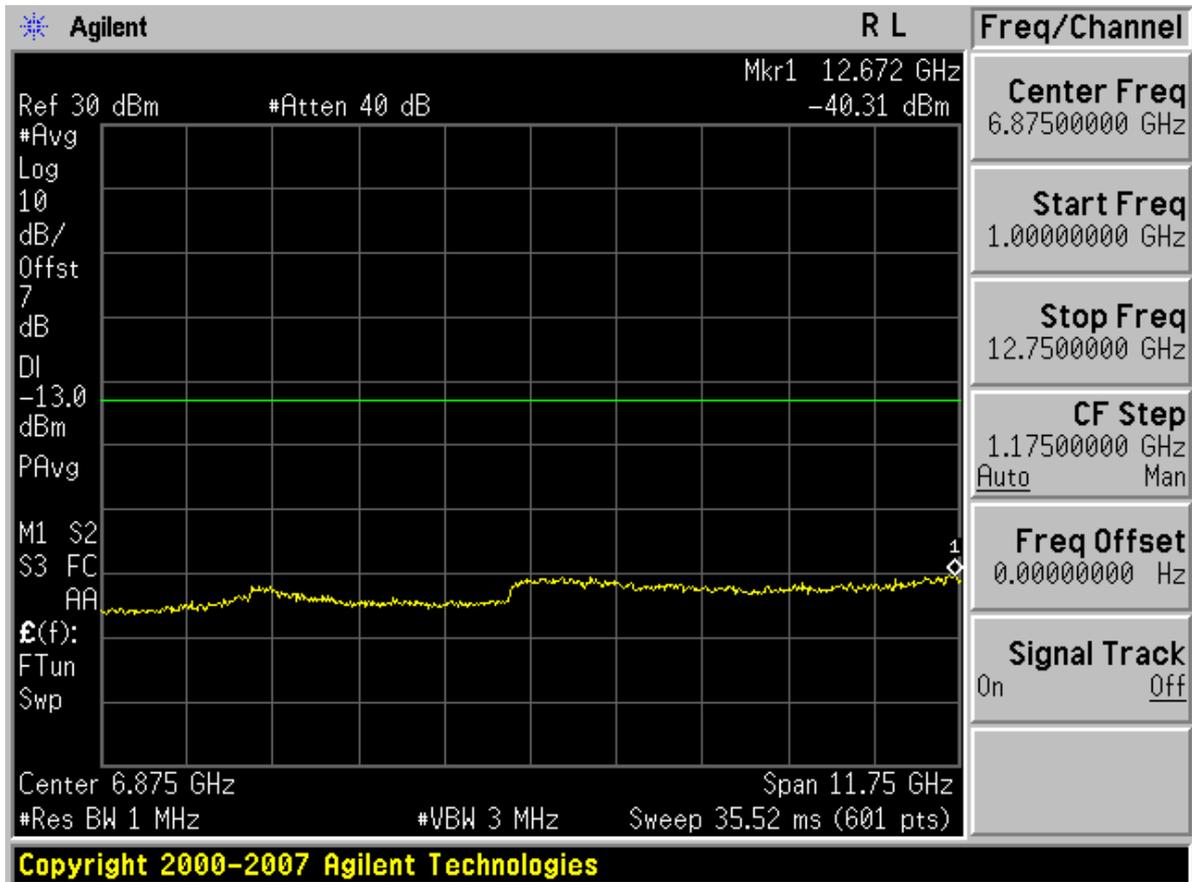


## Channel 777





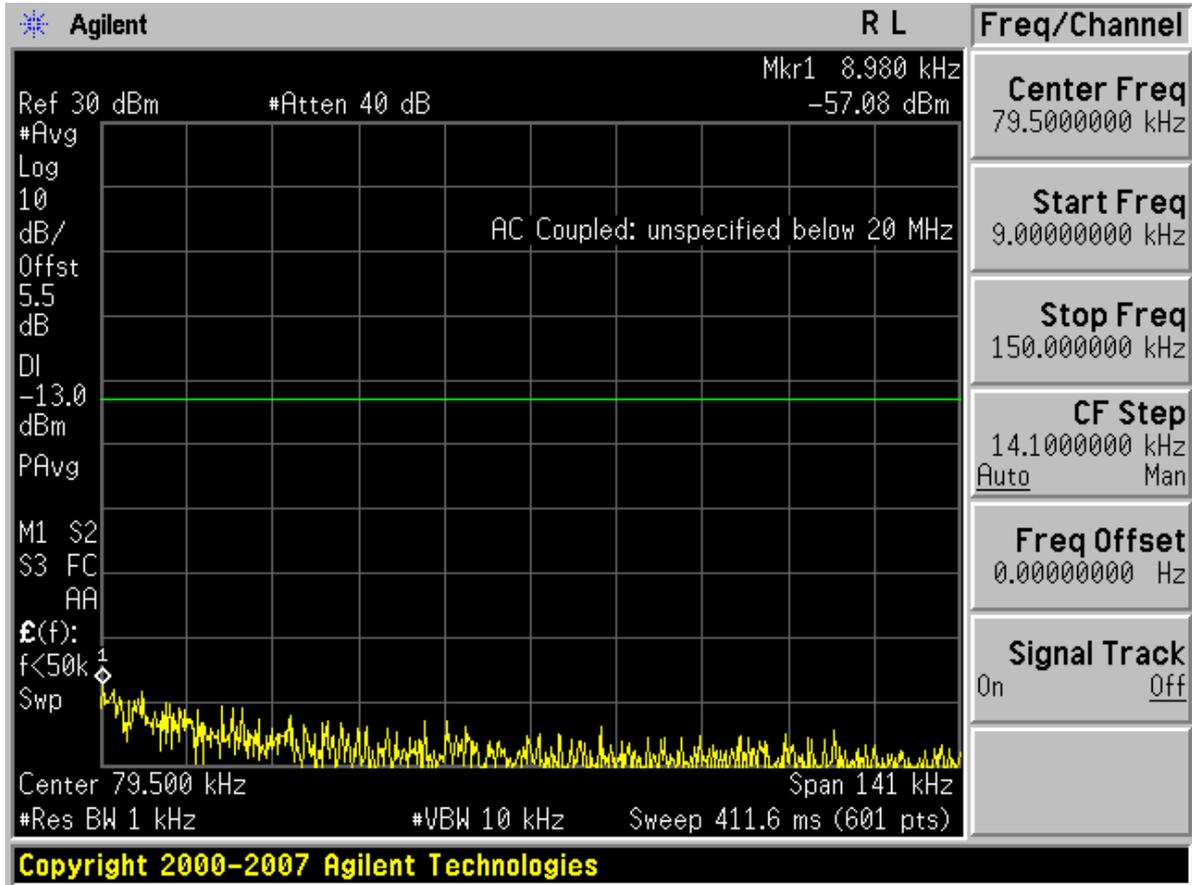


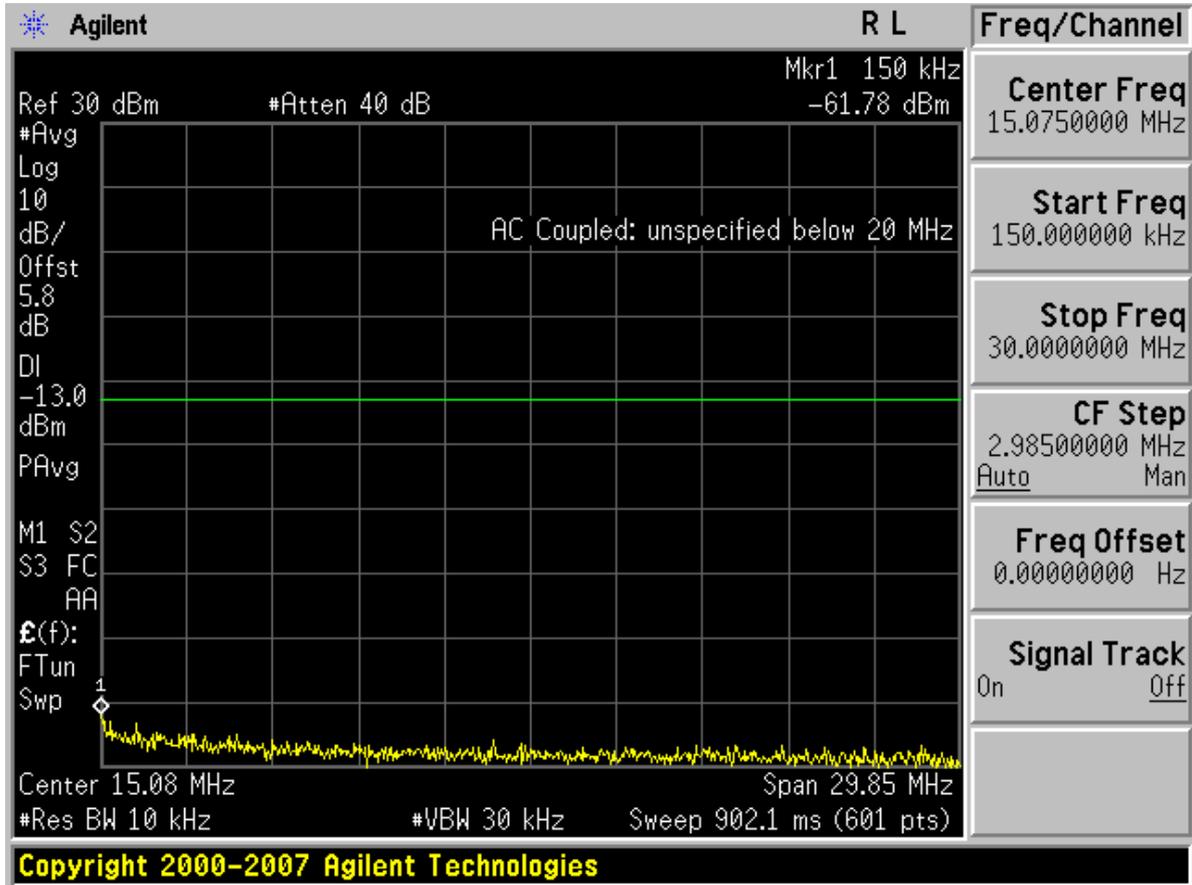


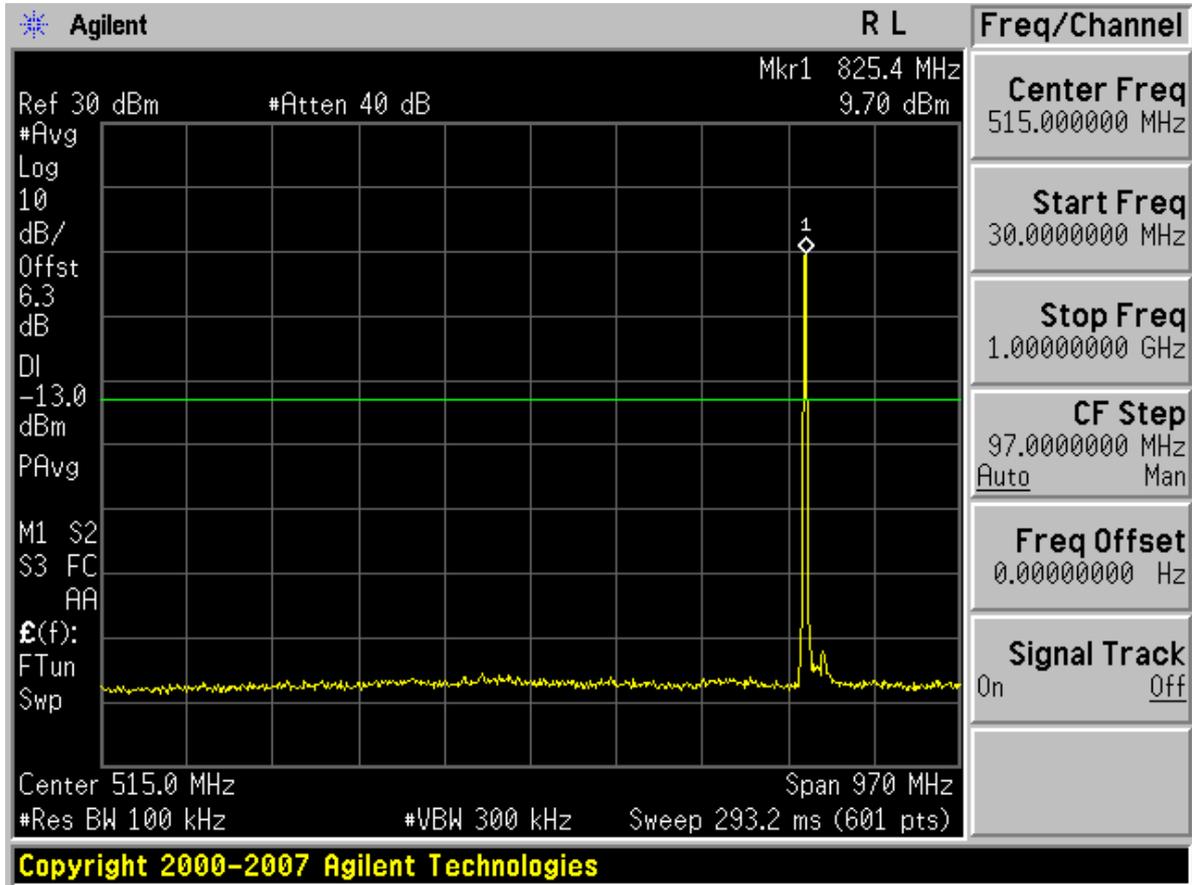


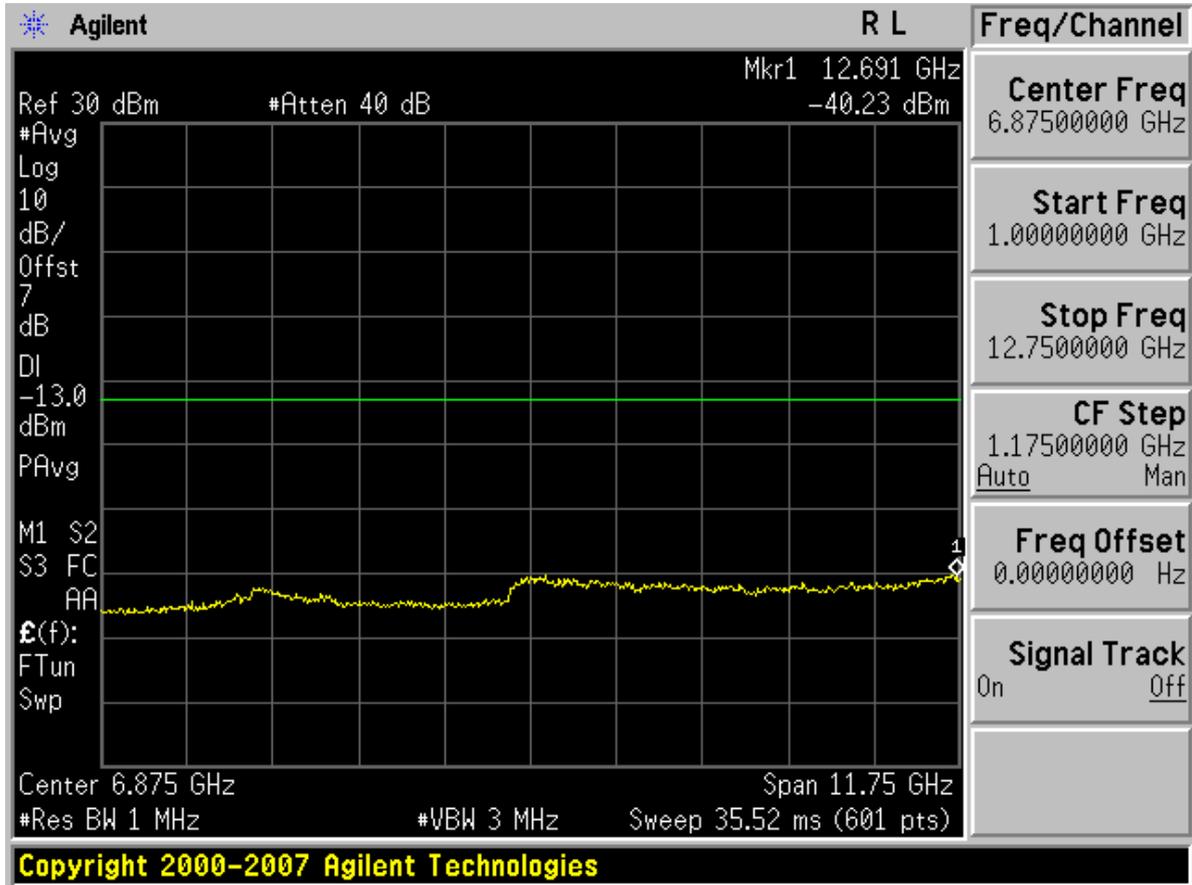
Modulation: QPSK

# Channel 1013



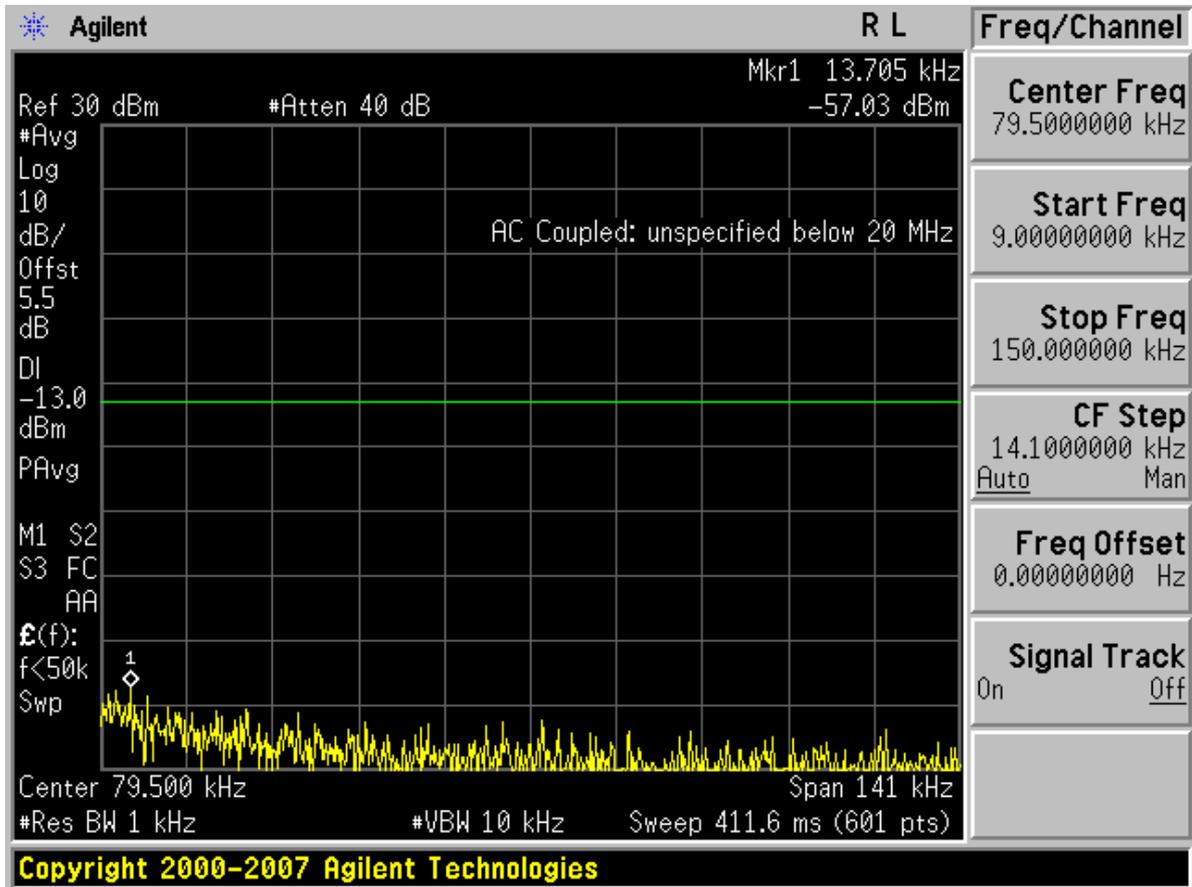


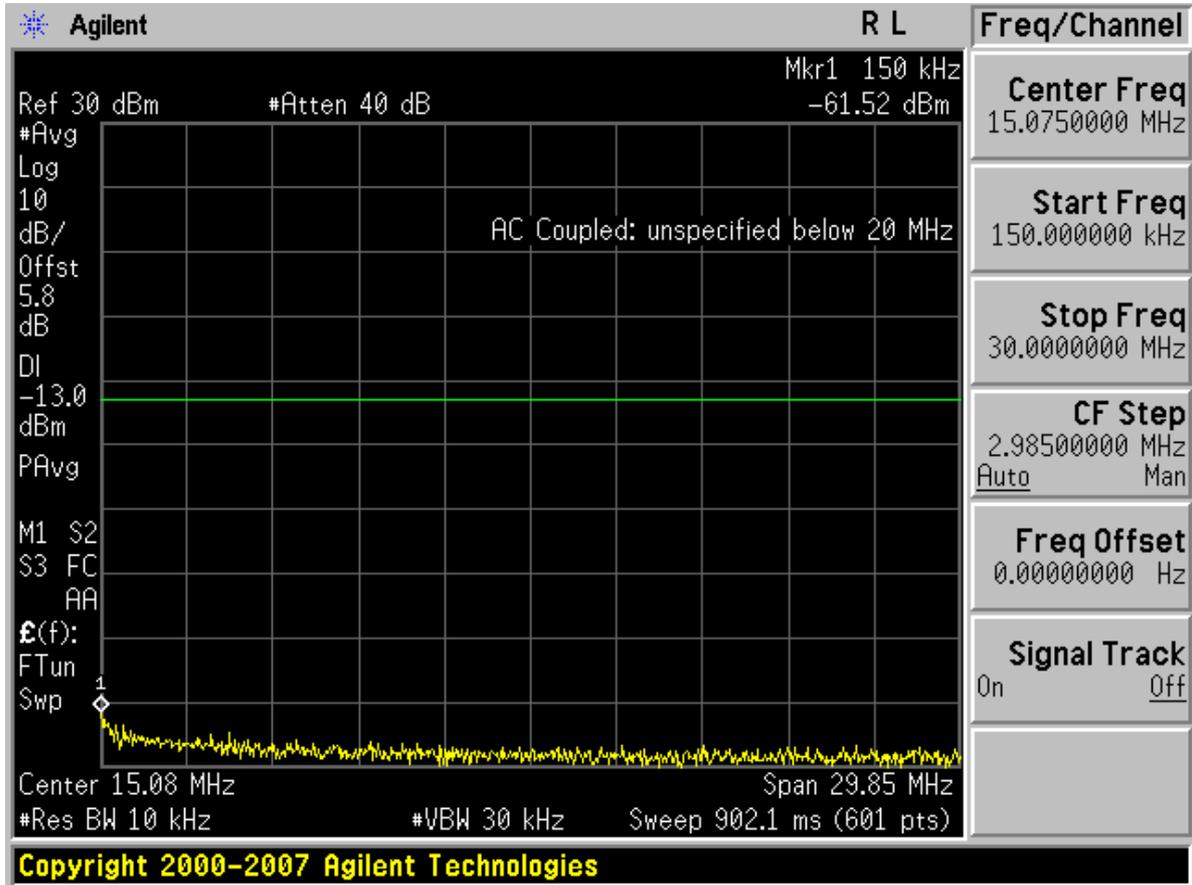


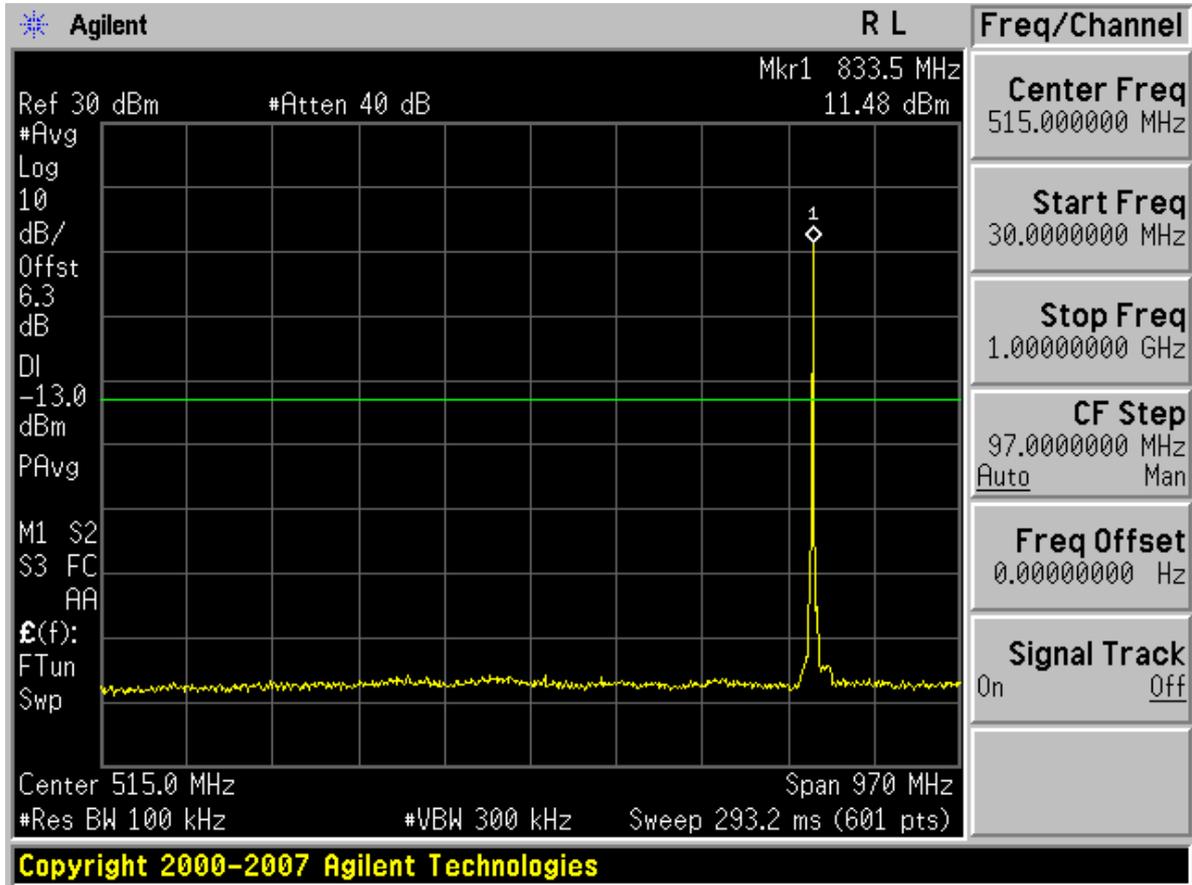


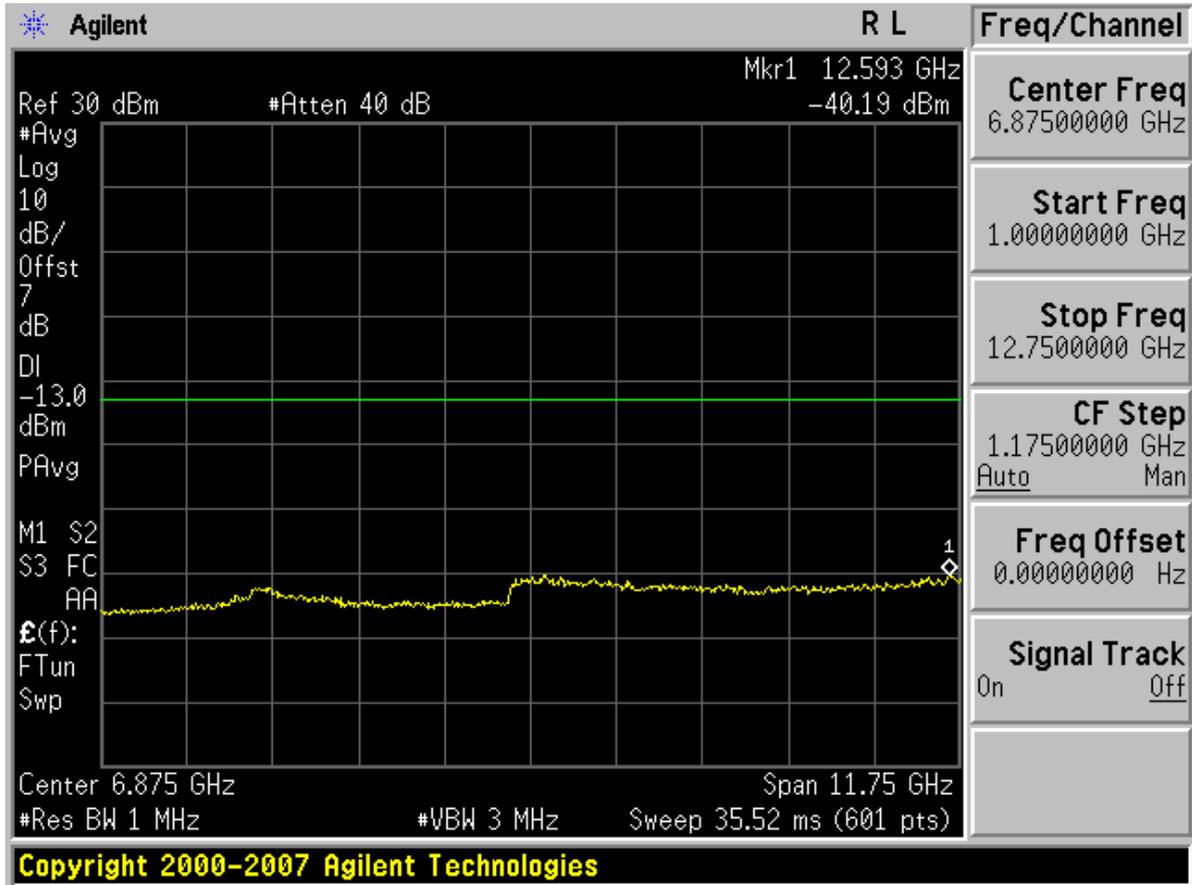


# Channel 283



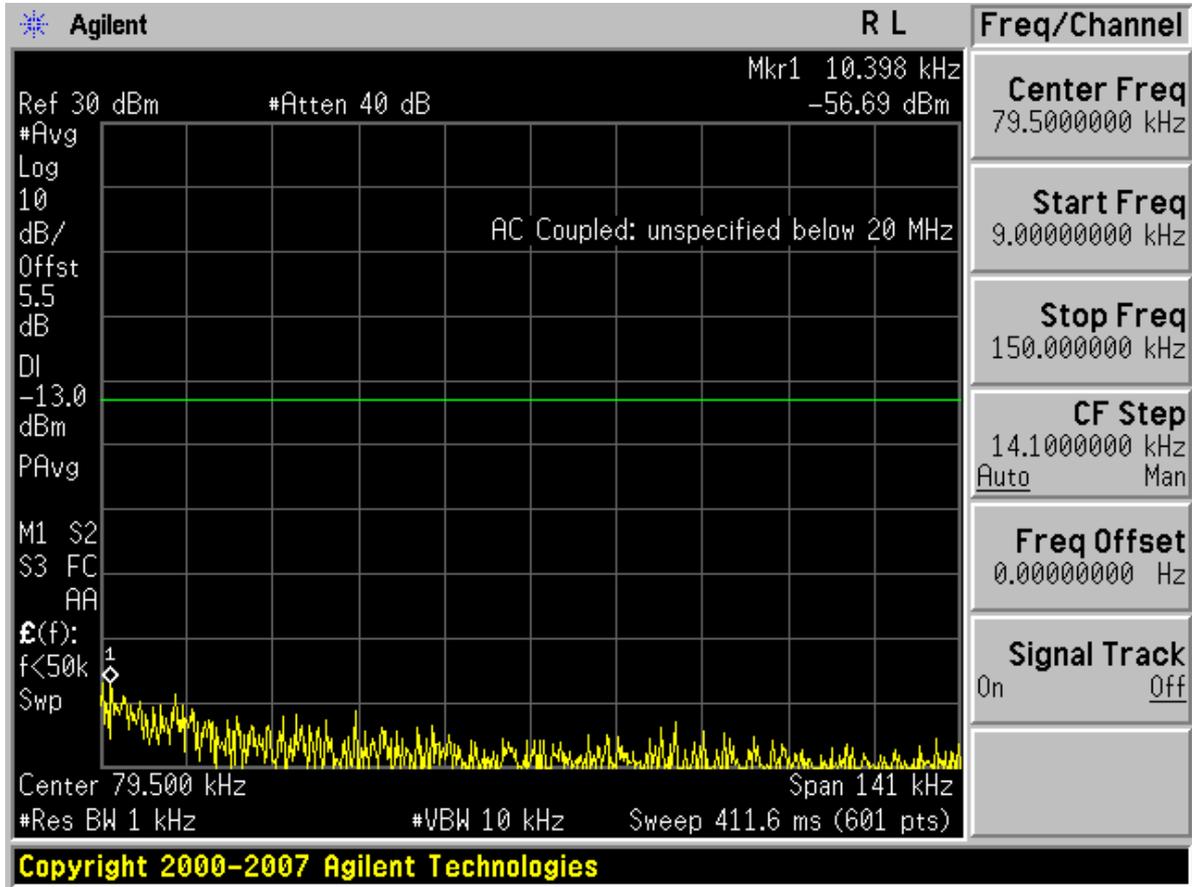


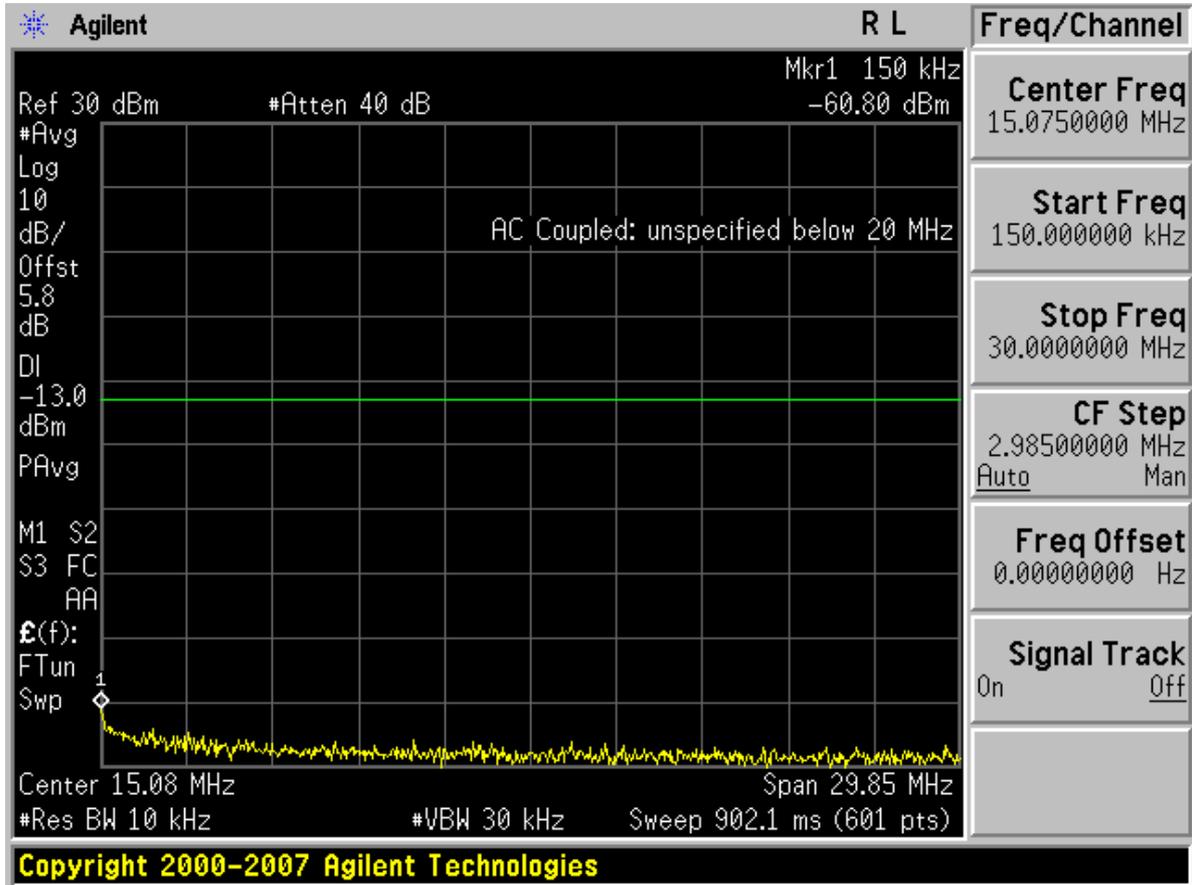


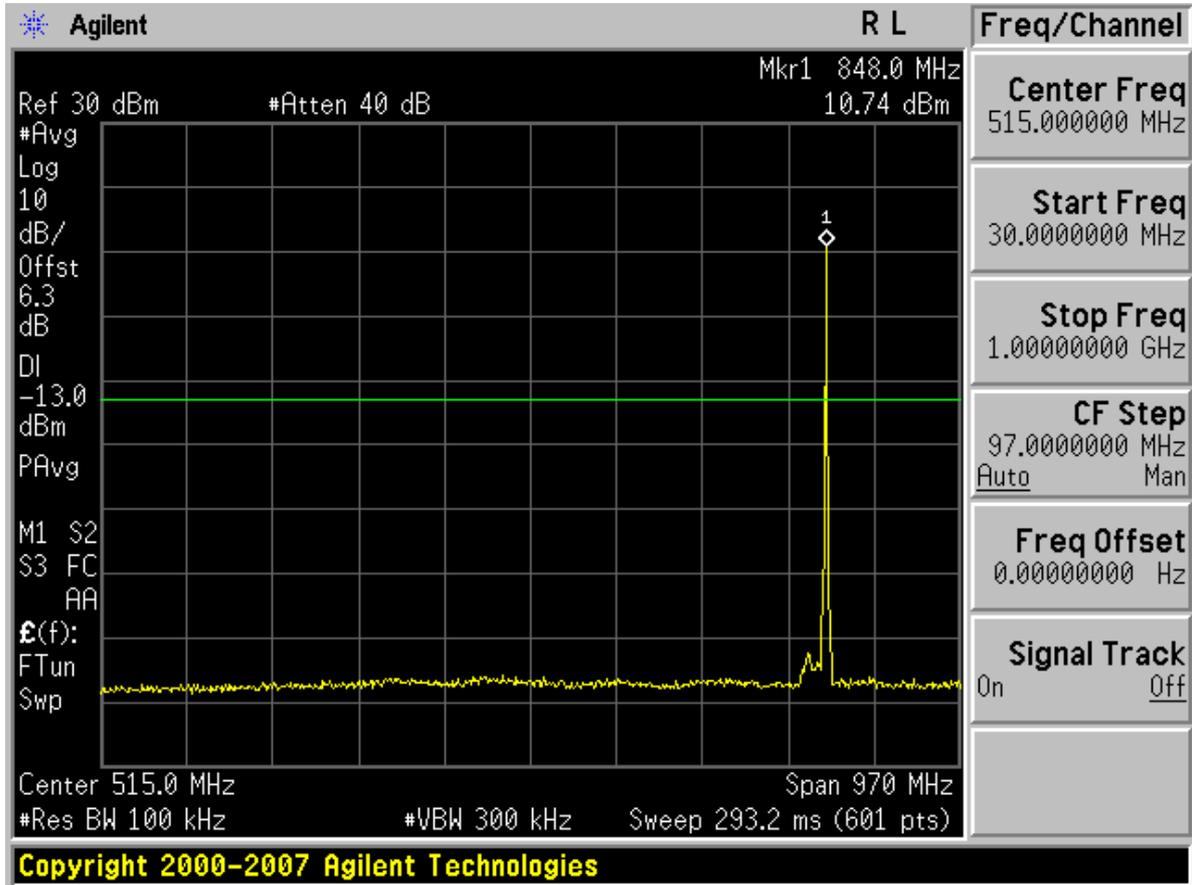


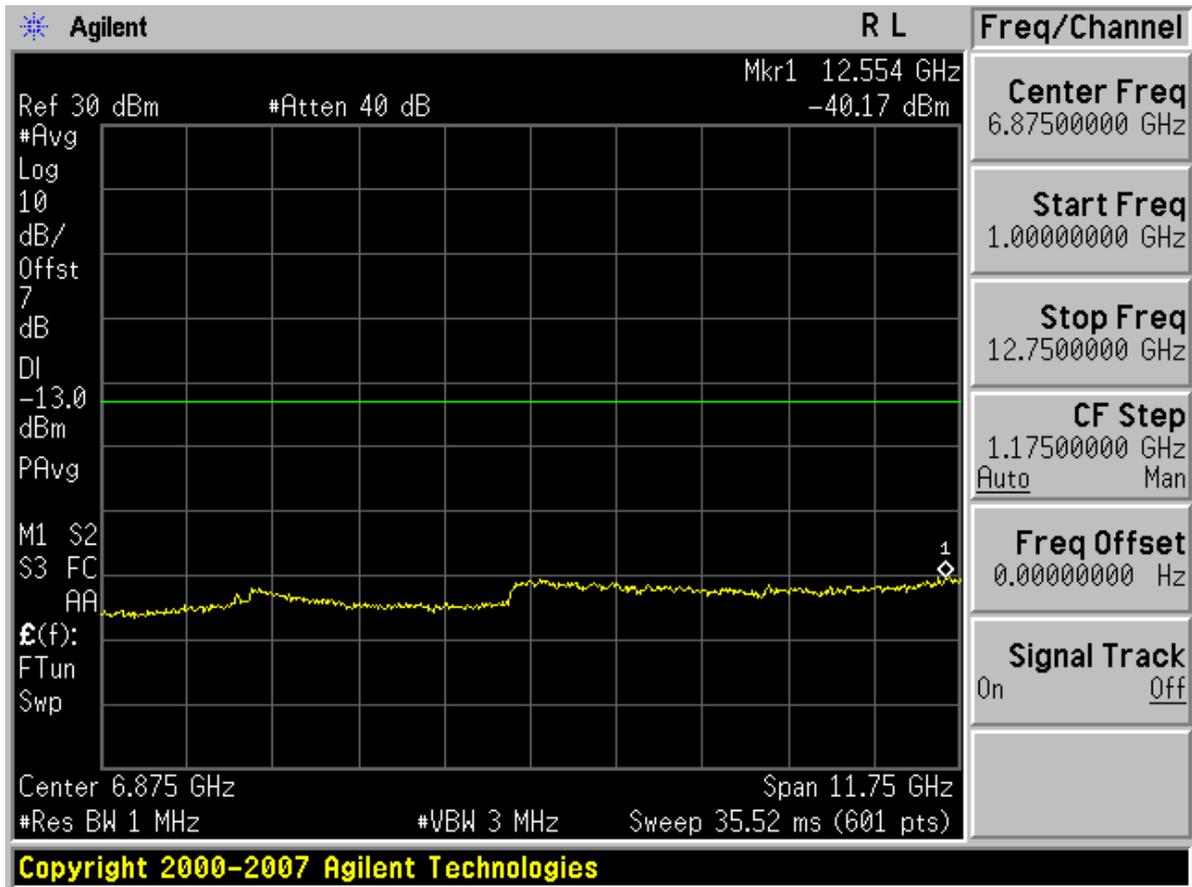


## Channel 777





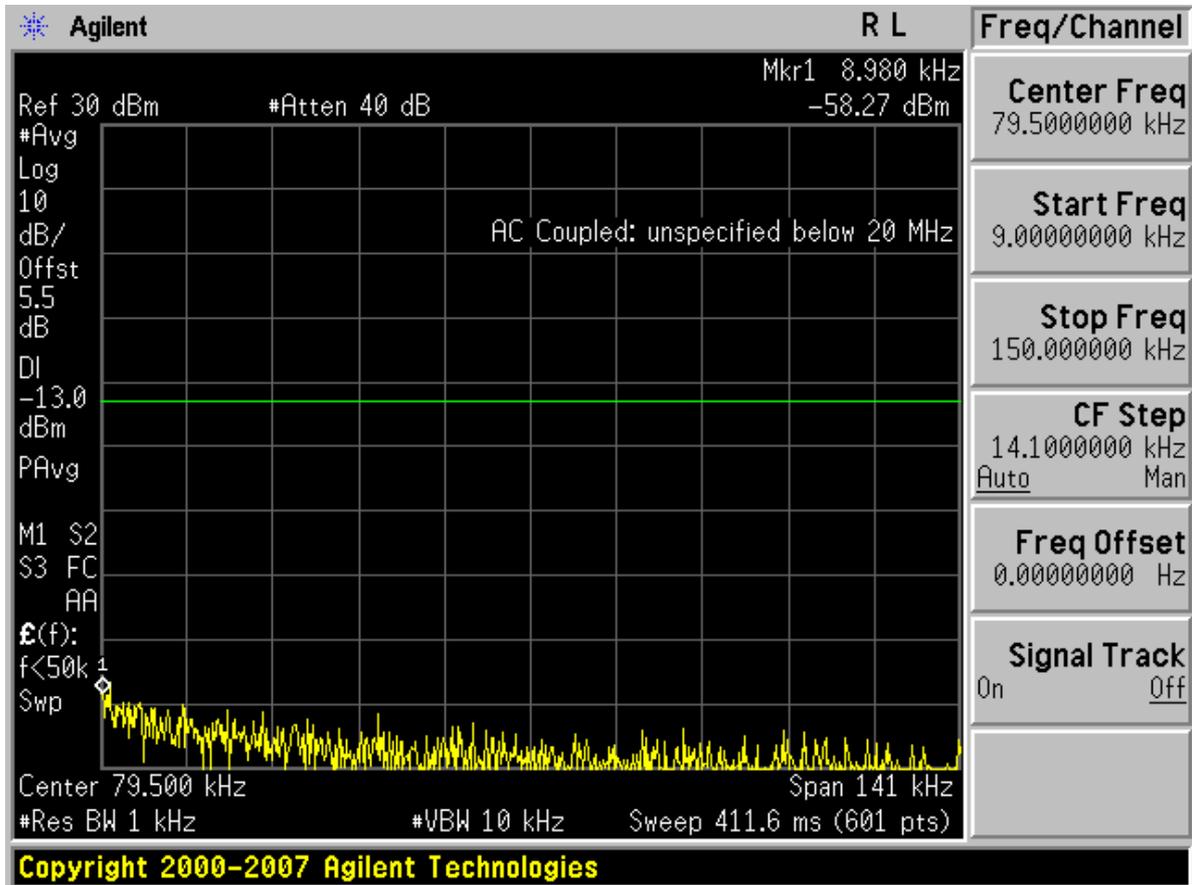


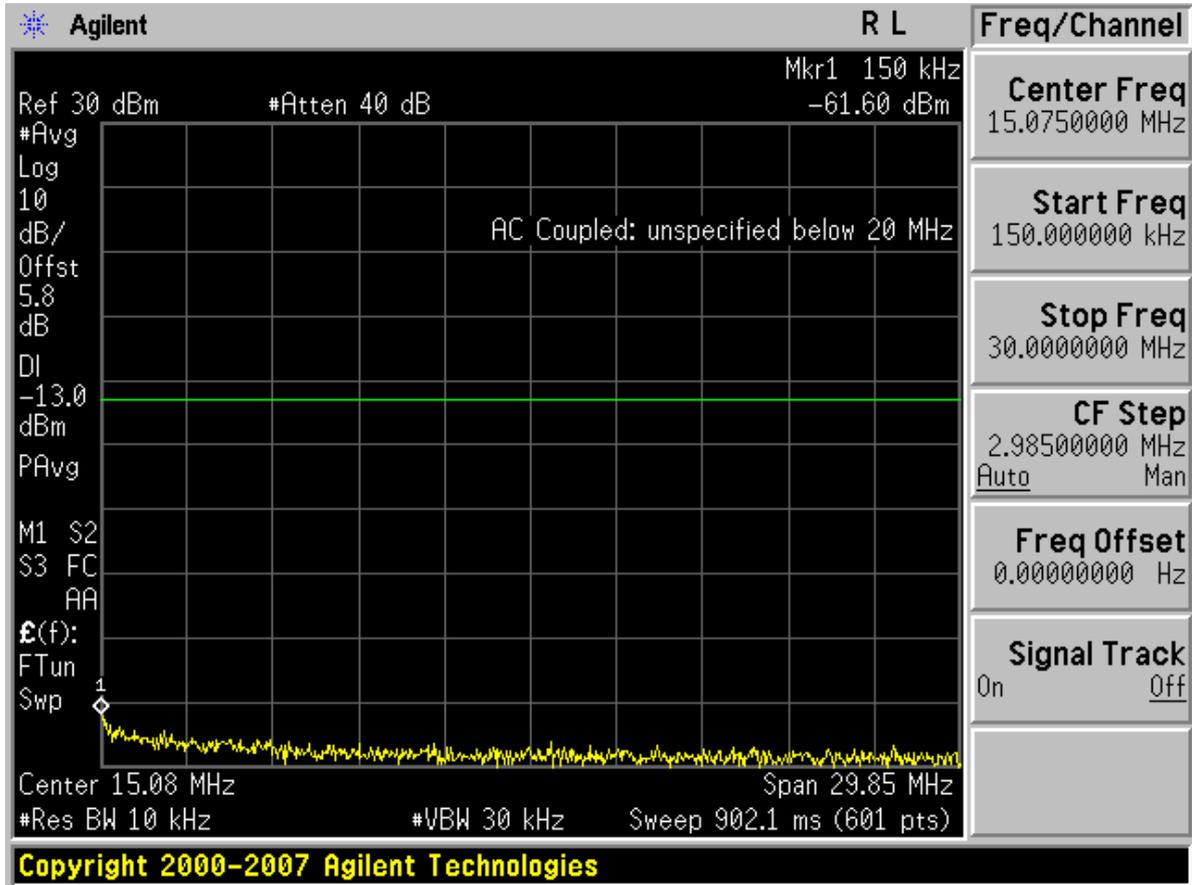


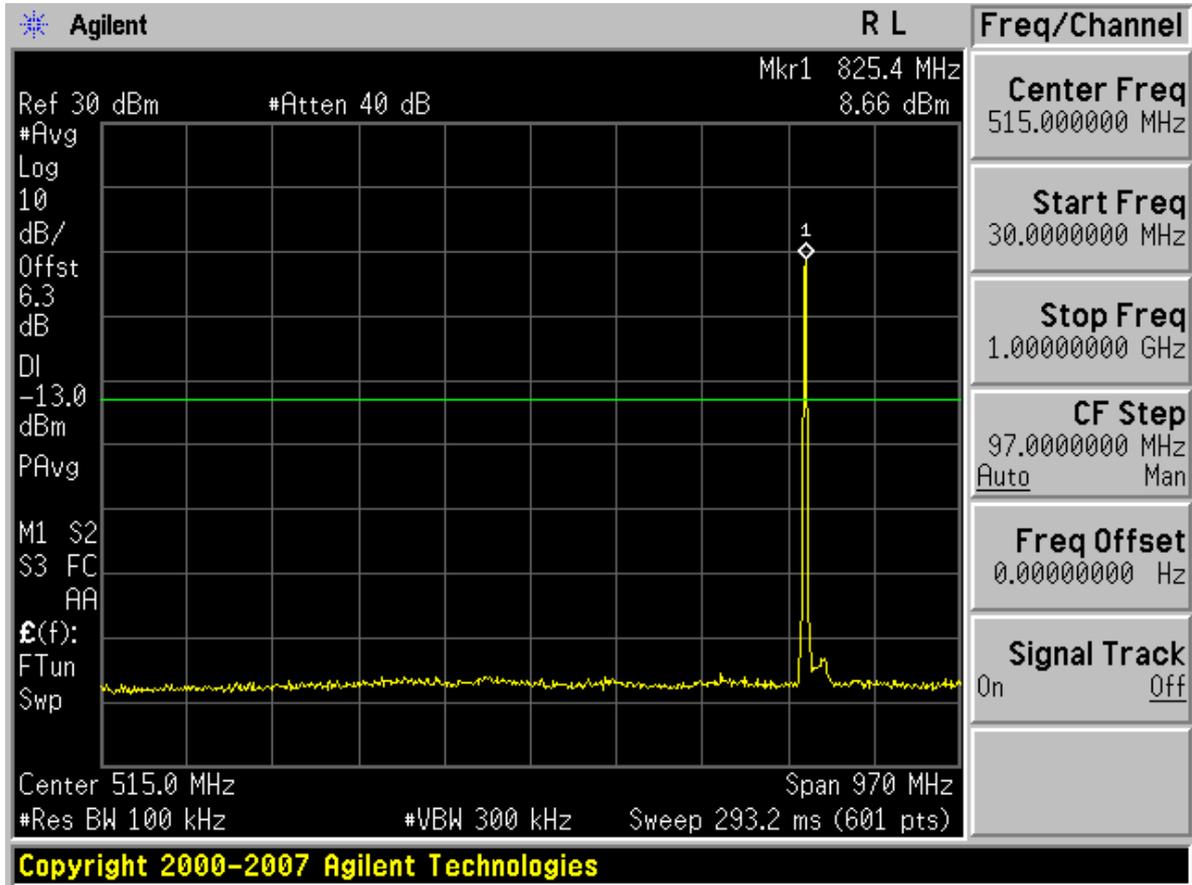


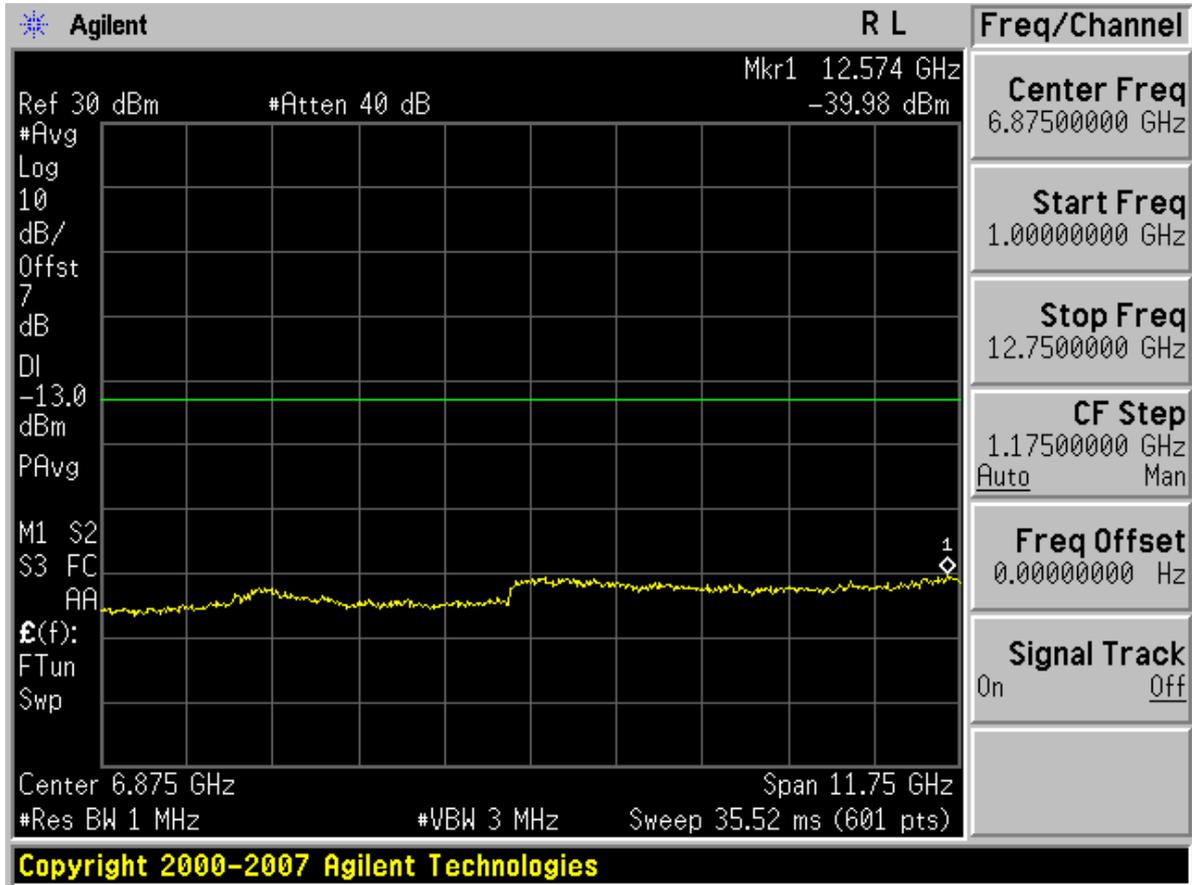
Modulation: 8PSK

# Channel 1013



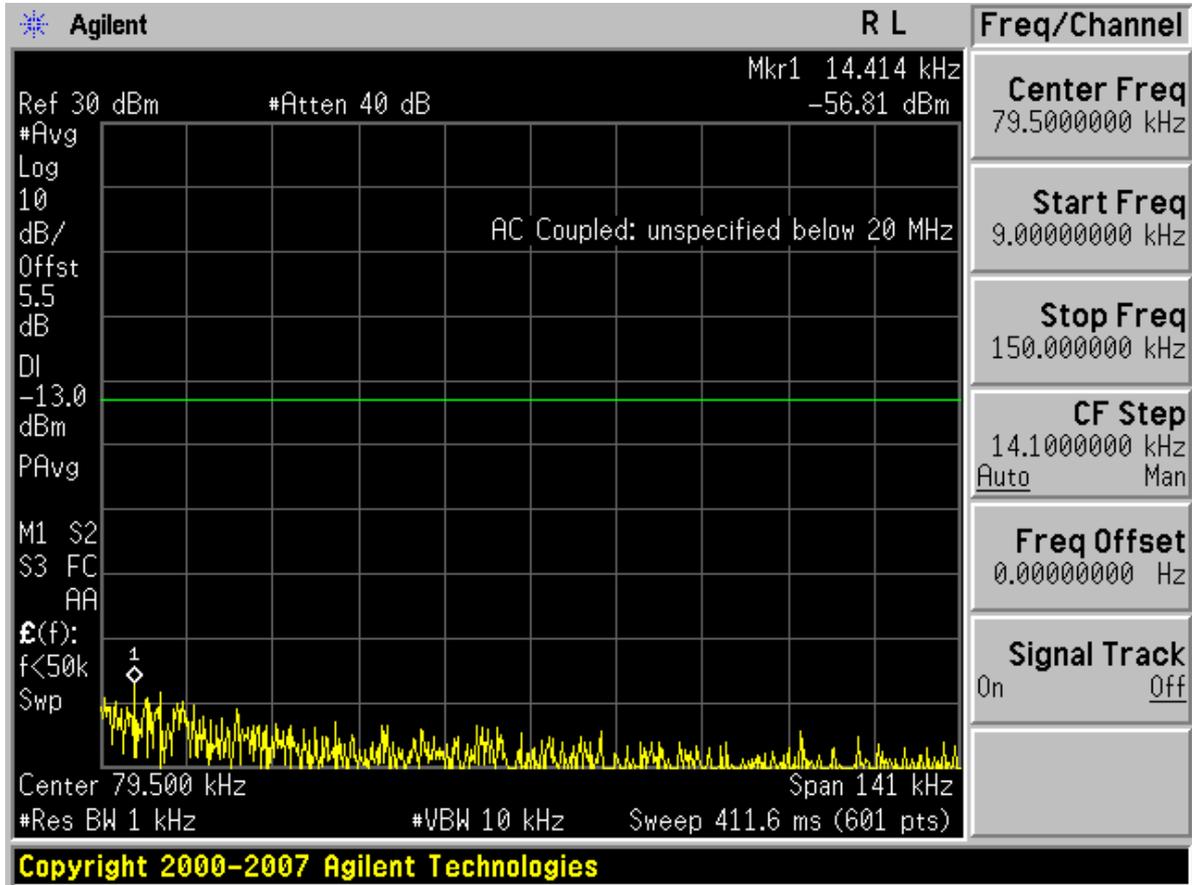


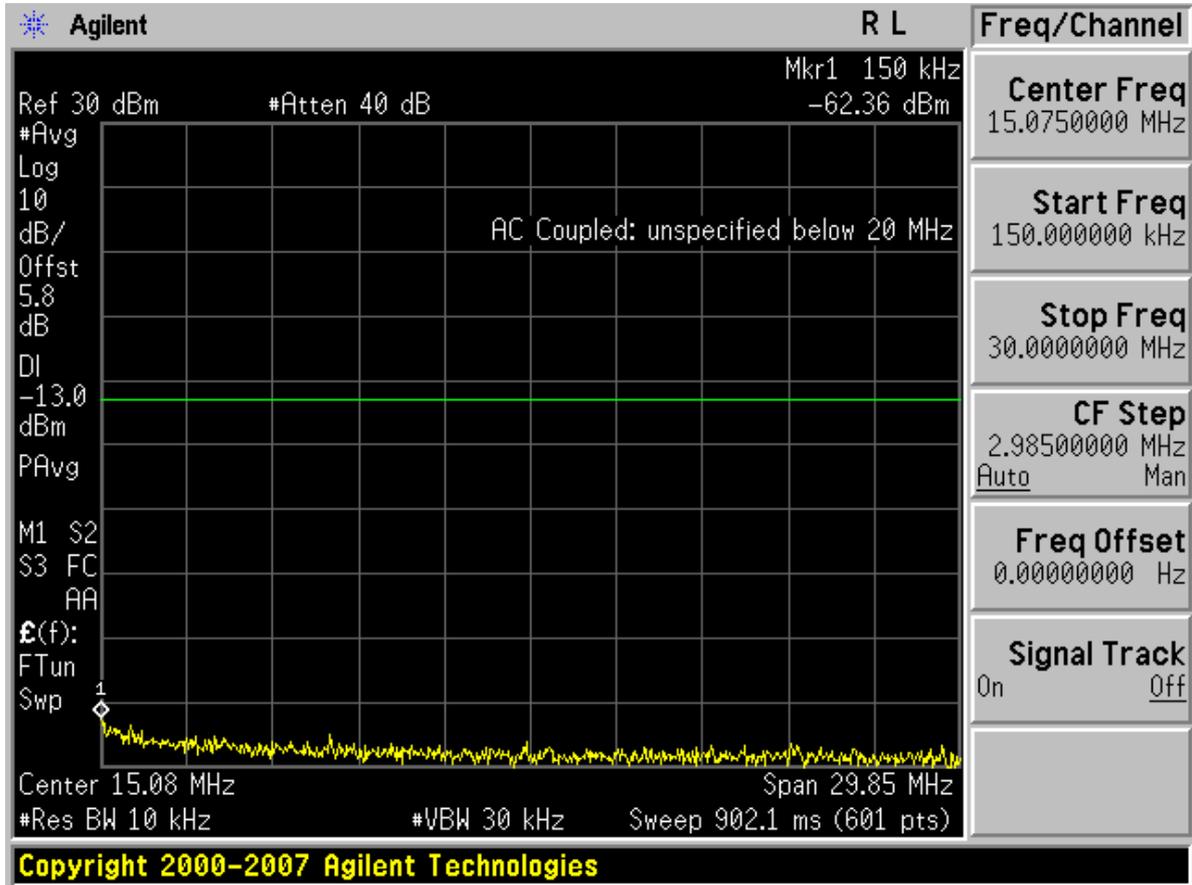


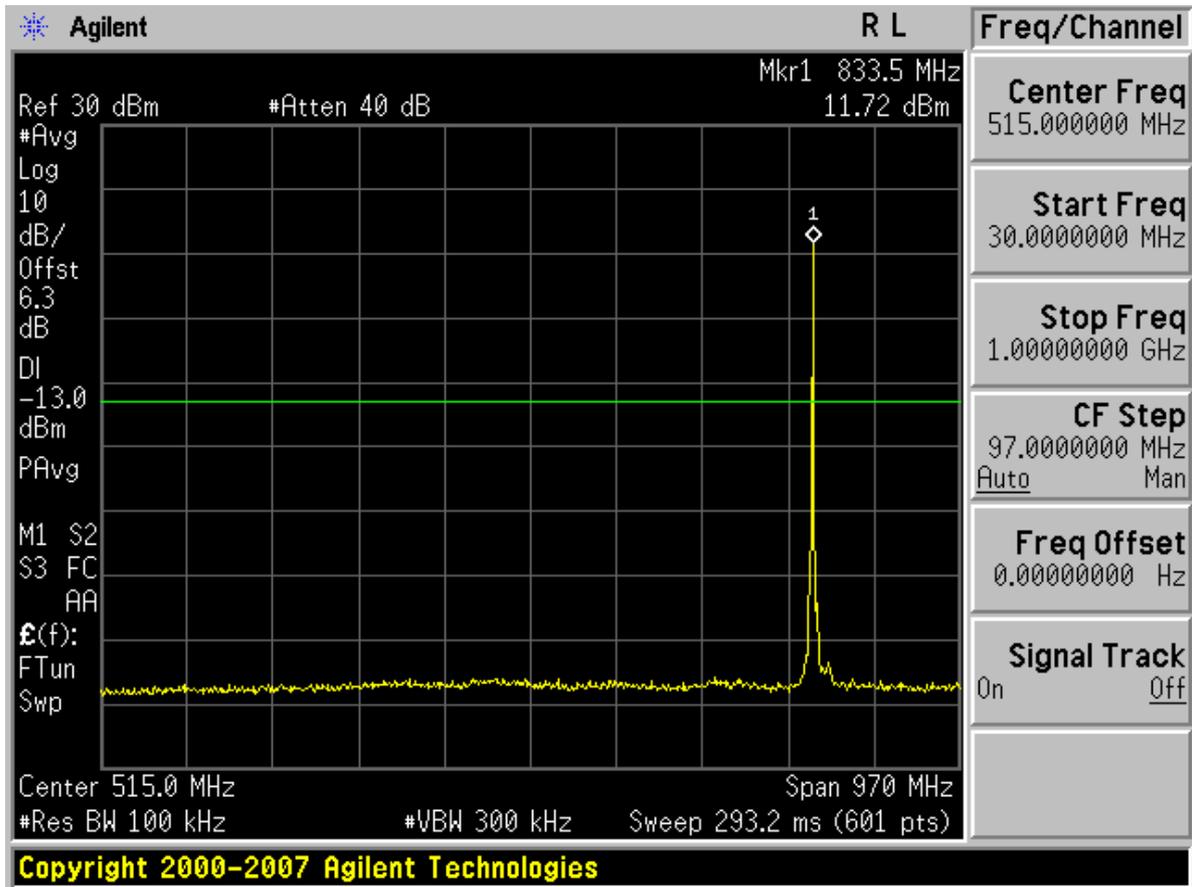


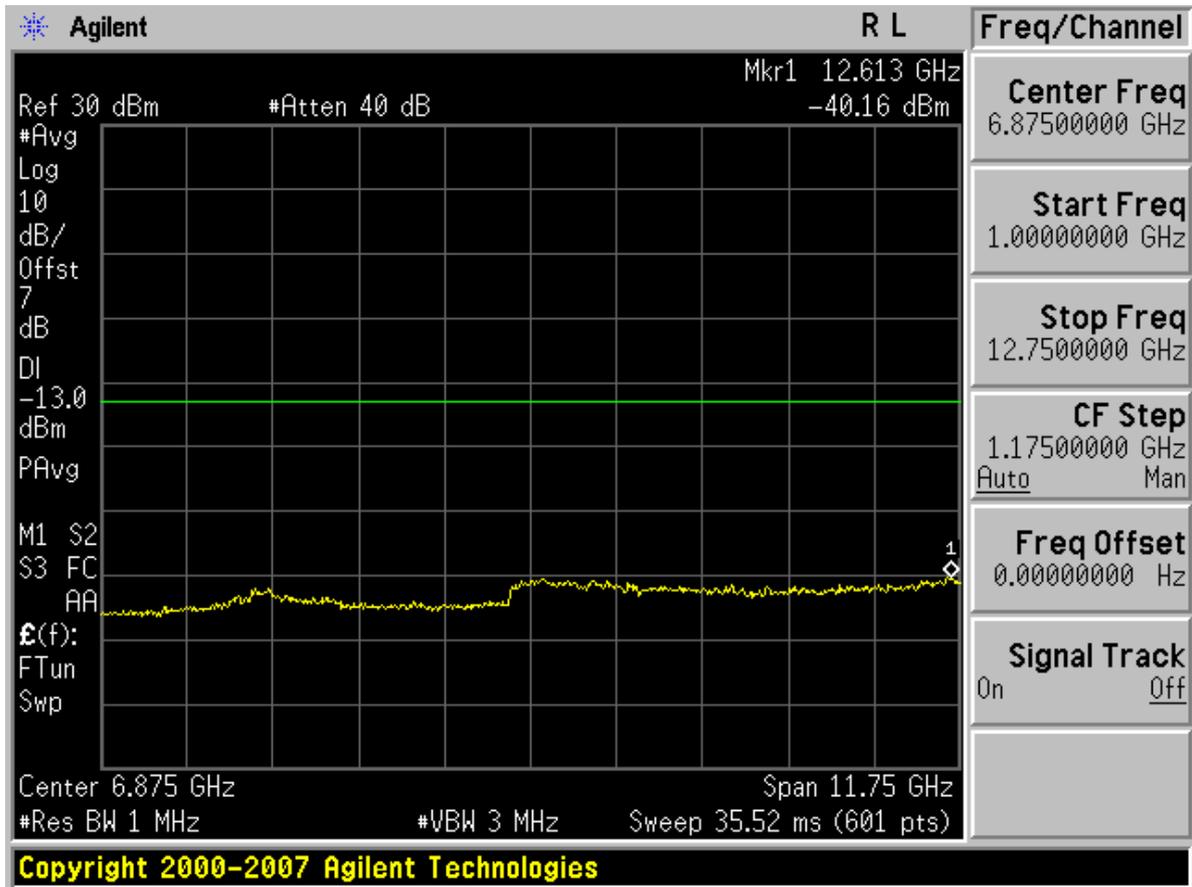


# Channel 283











# Channel 777

