

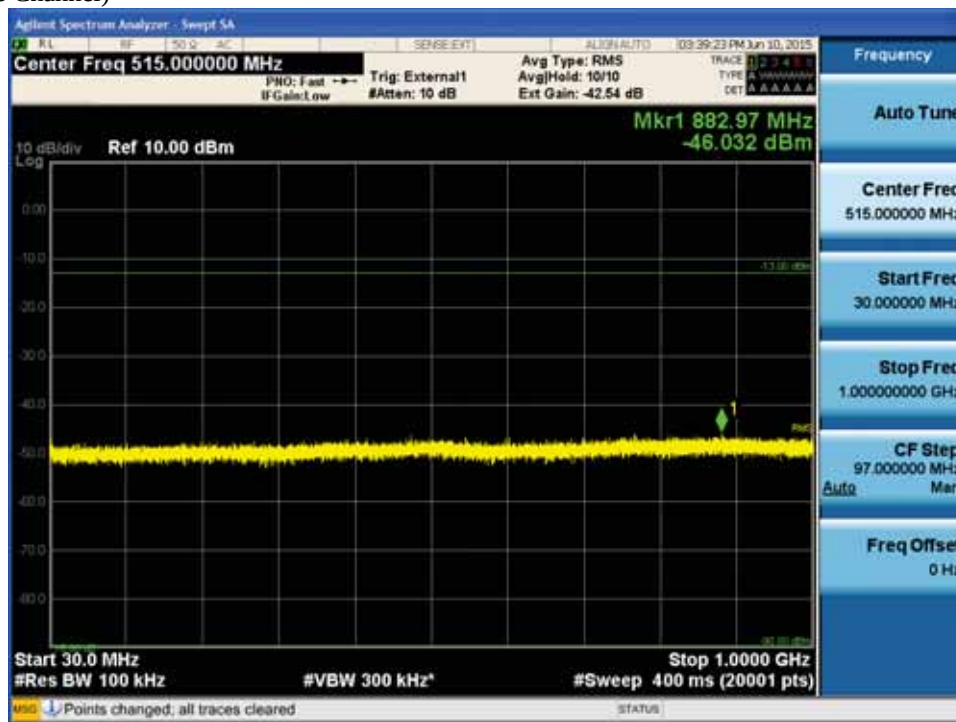


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)





(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)

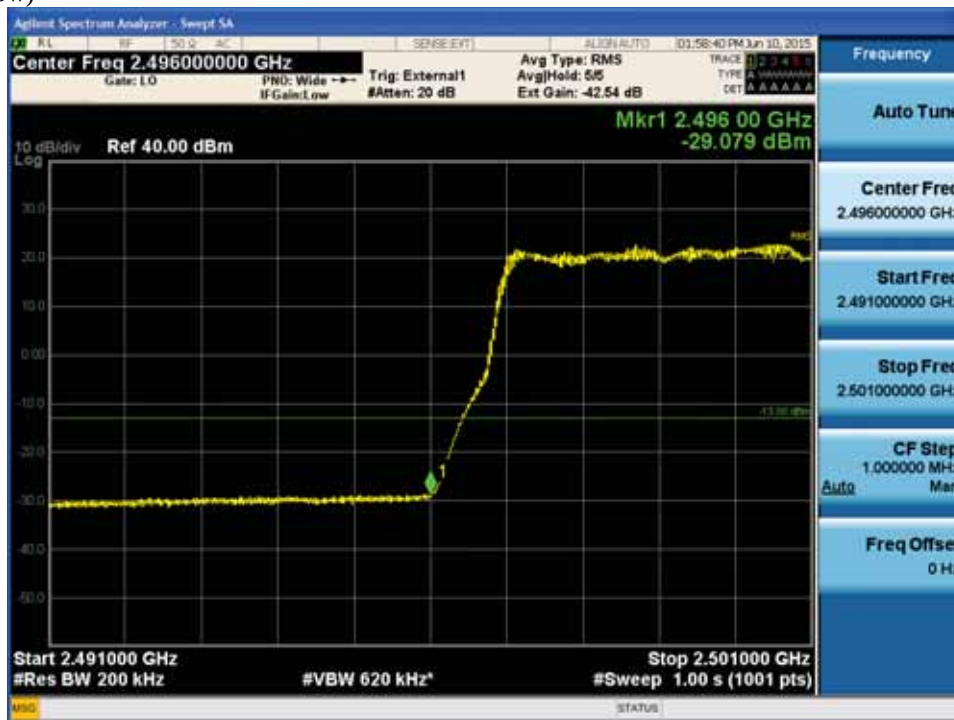


(1 GHz ~ 26.5 GHz)

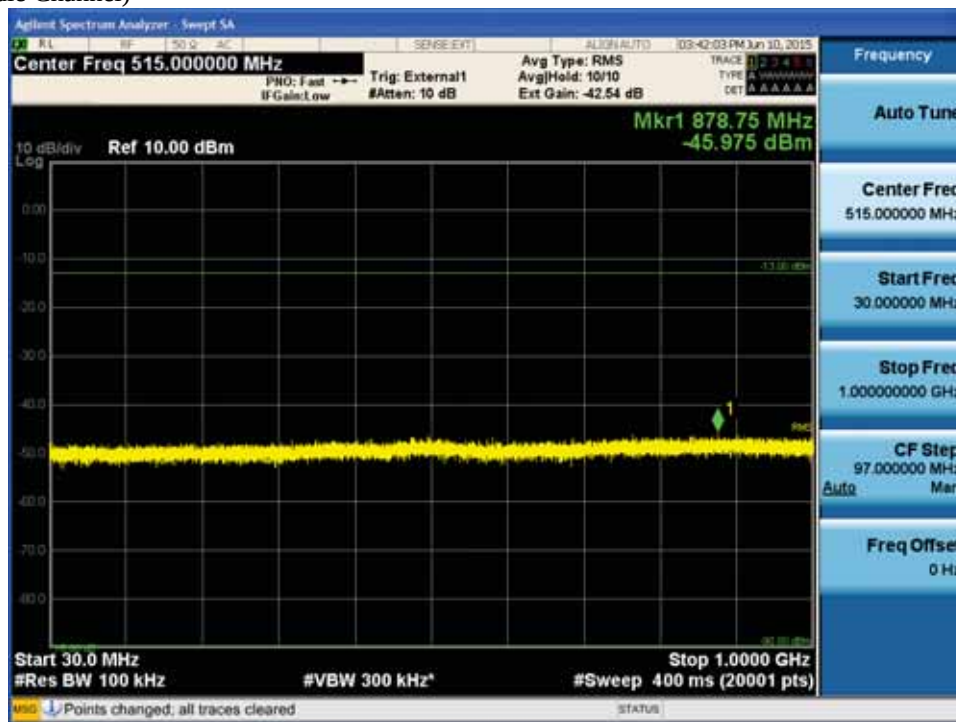


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(16QAM High Channel)





(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)



(1 GHz ~ 26.5 GHz)

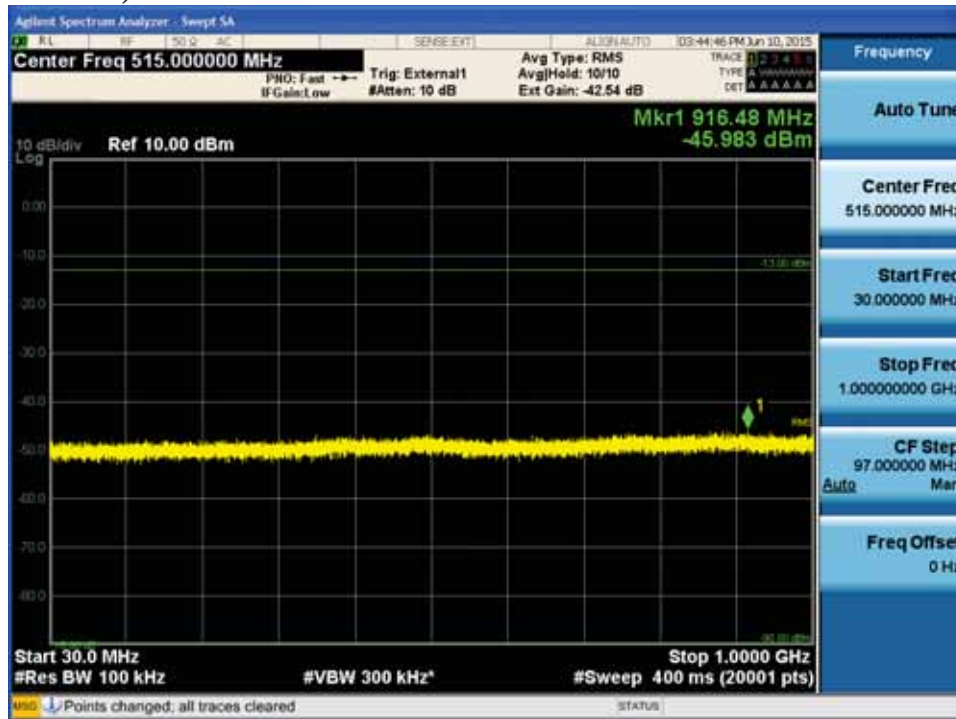


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

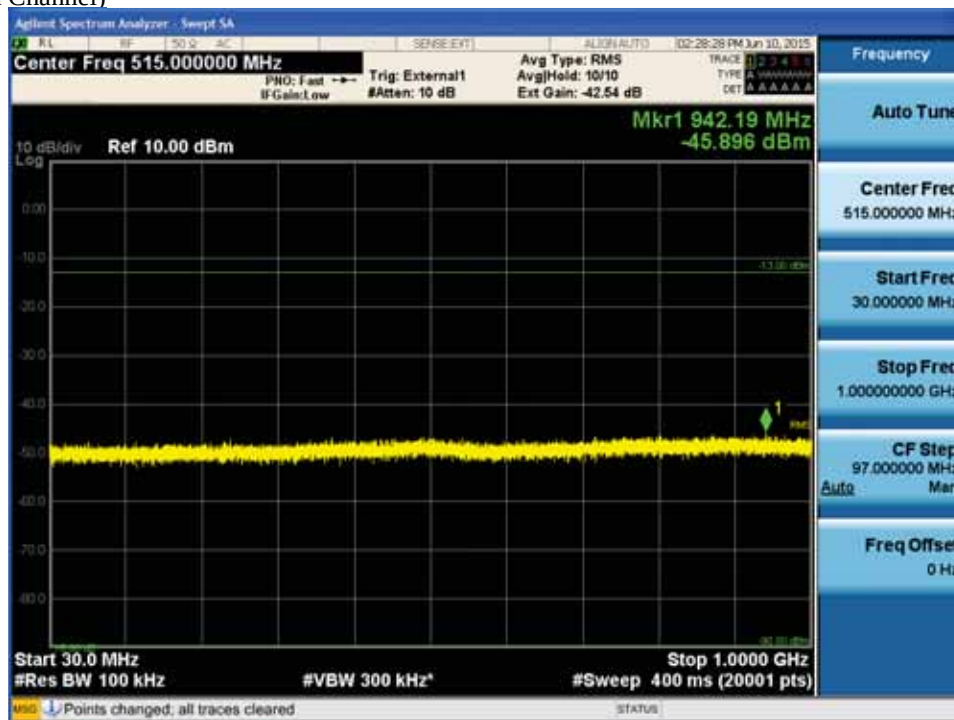


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge High)



7.4.33. Test Data at Output Port 8
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

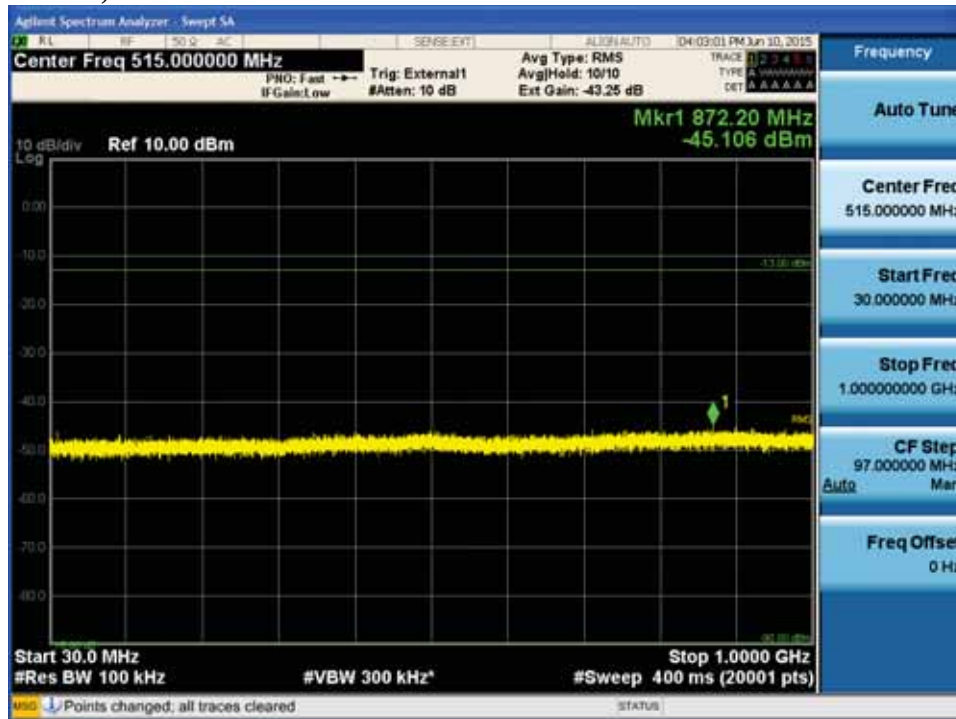


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)

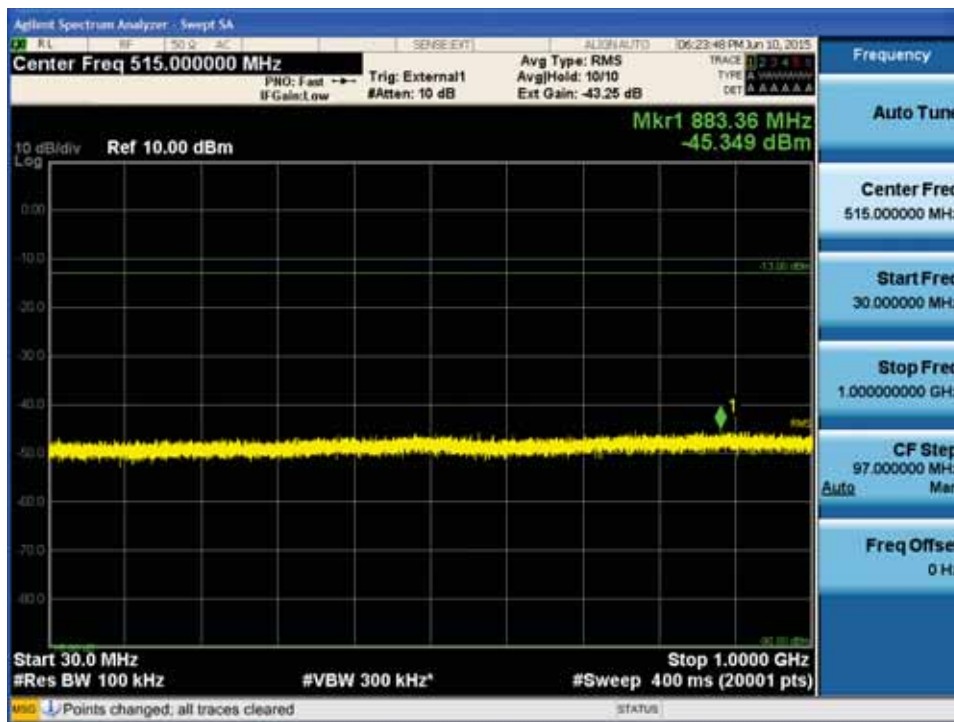


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

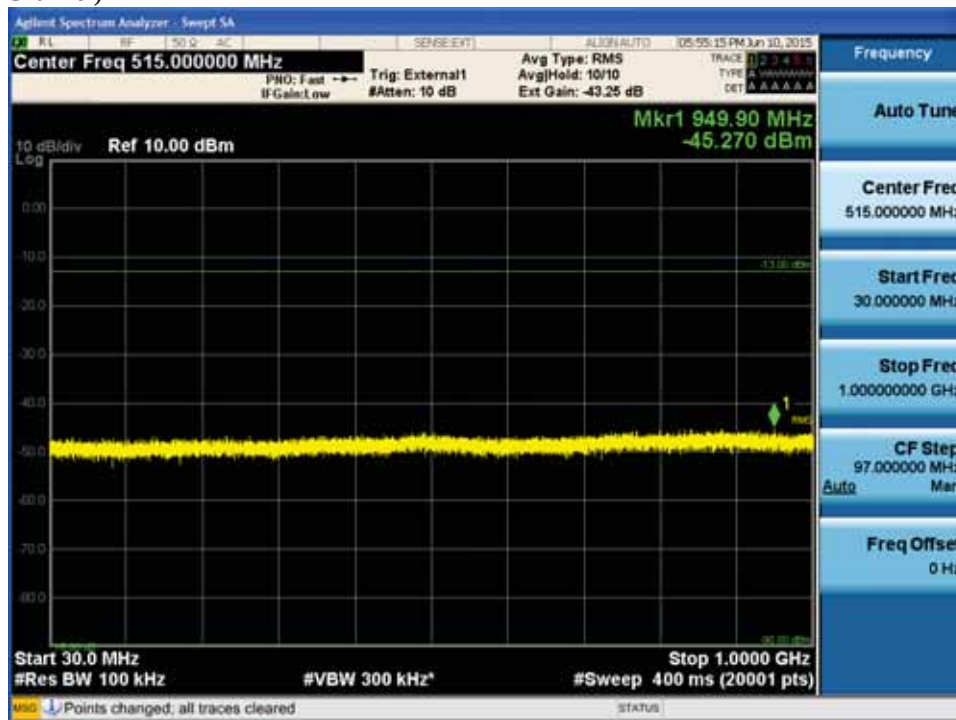


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

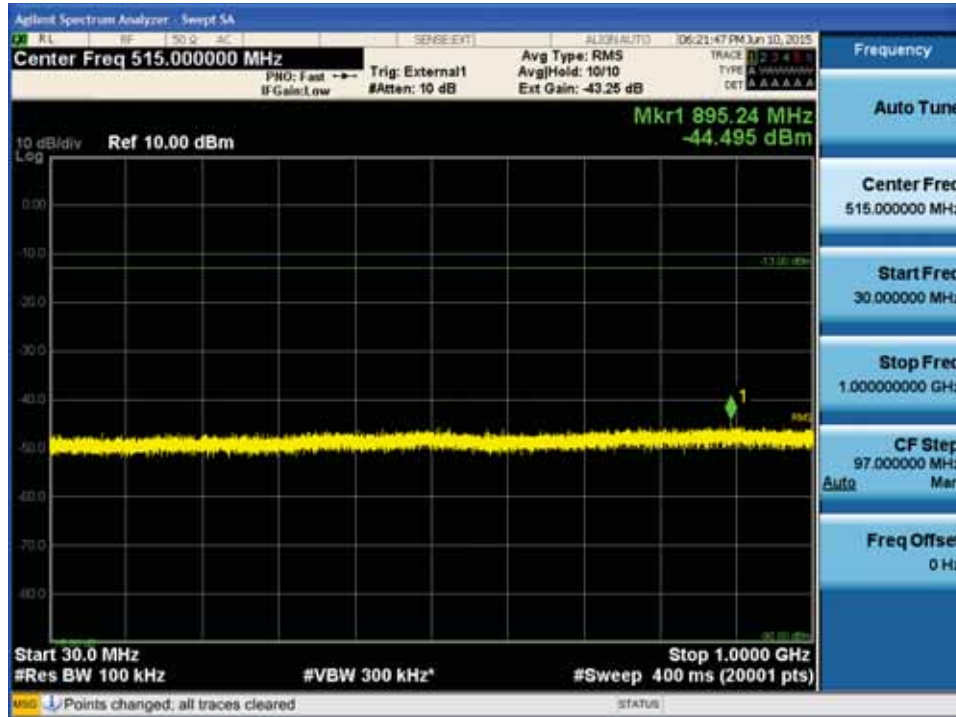


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

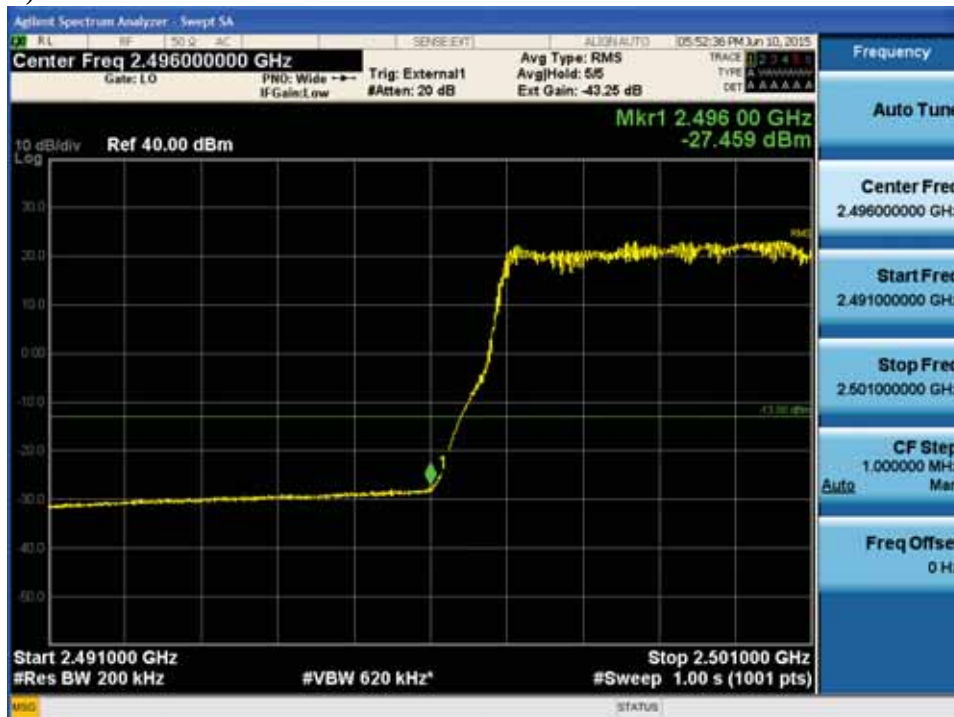


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

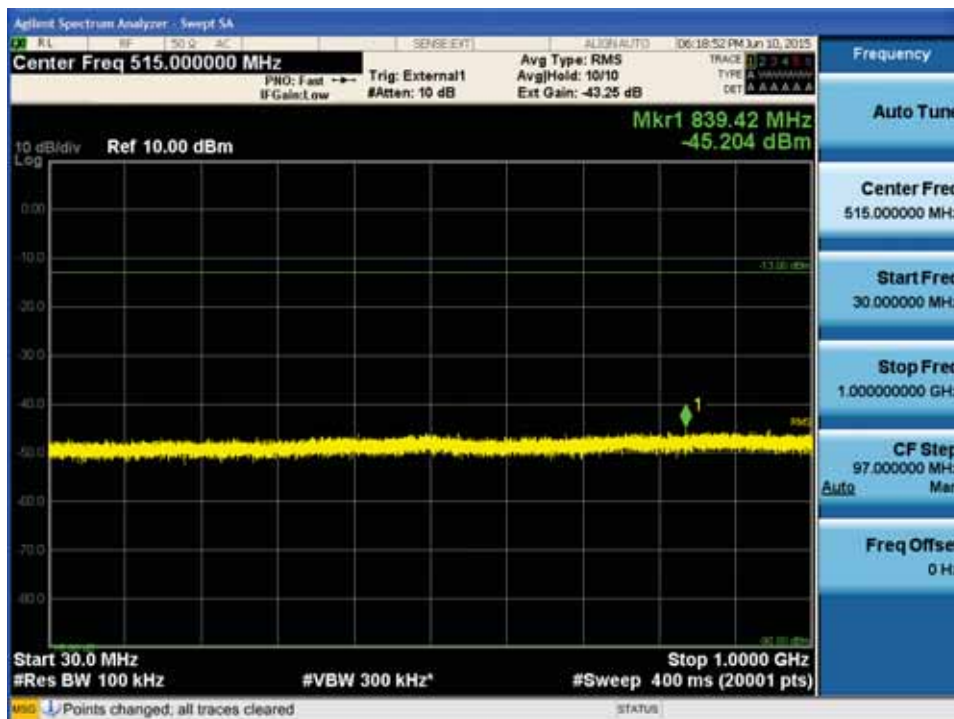


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

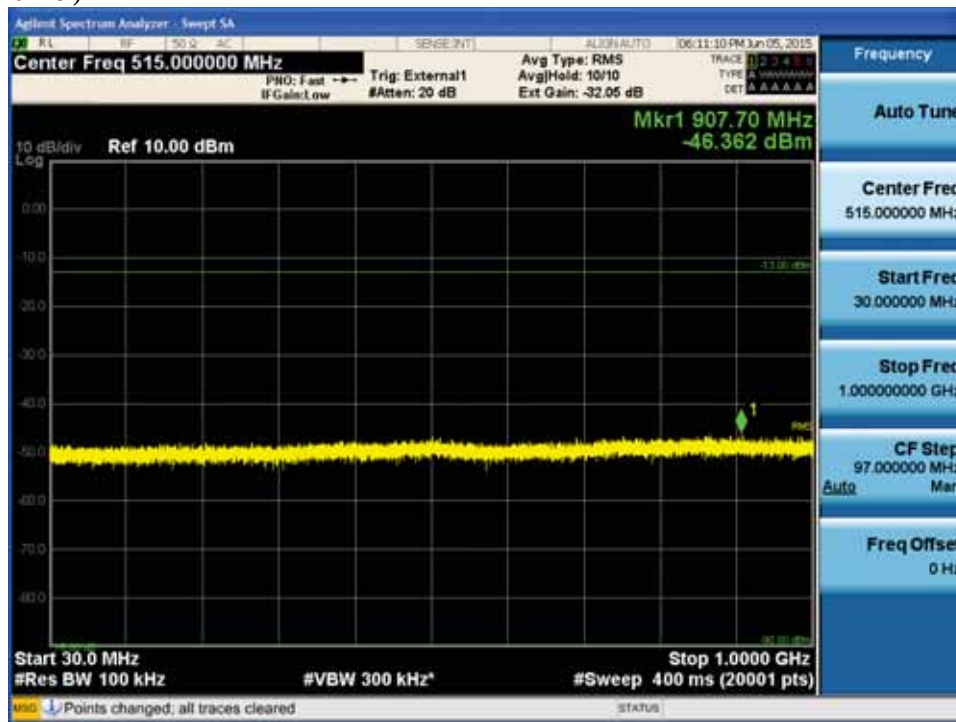
(Band Edge High)



LTE20M(10W) 2 Carrier

7.4.34. Test Data at Output Port 1

(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)

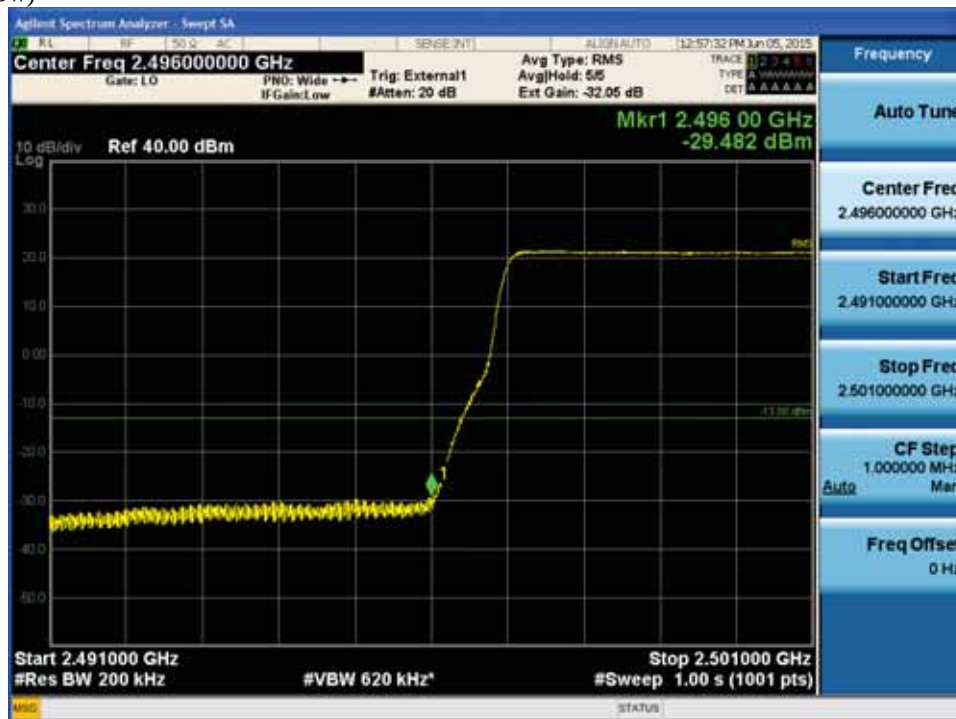


(1 GHz ~ 26.5 GHz)

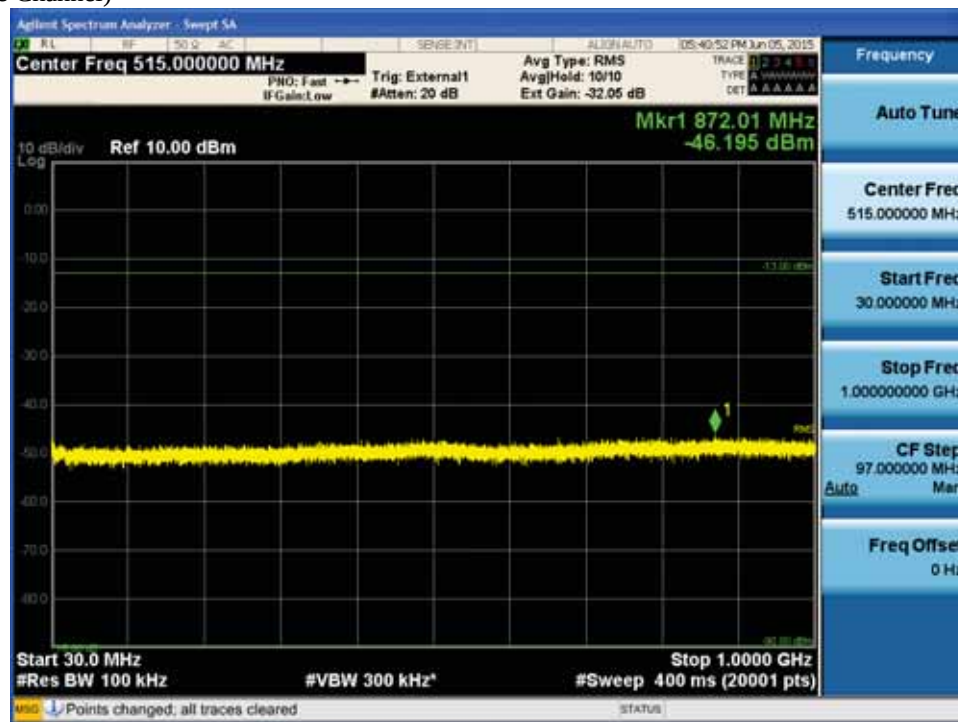


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)

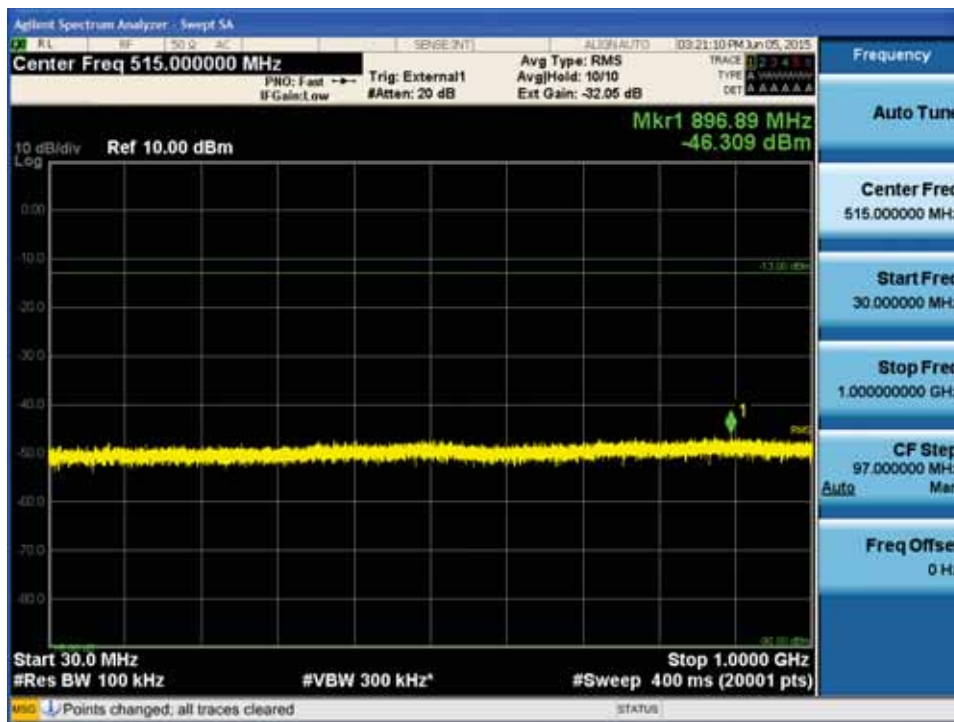


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

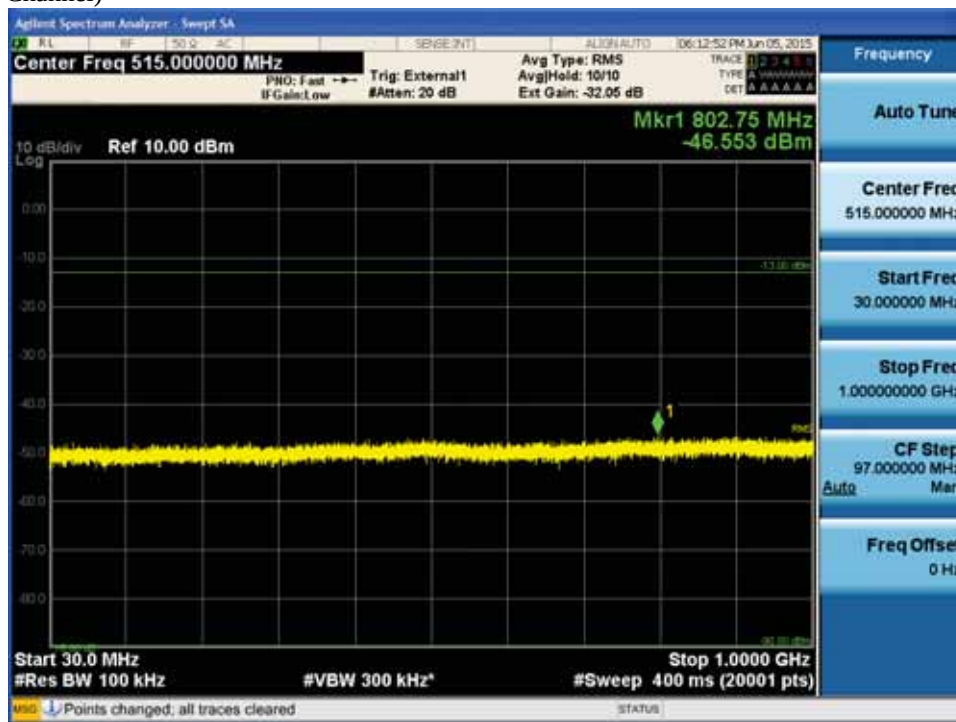


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

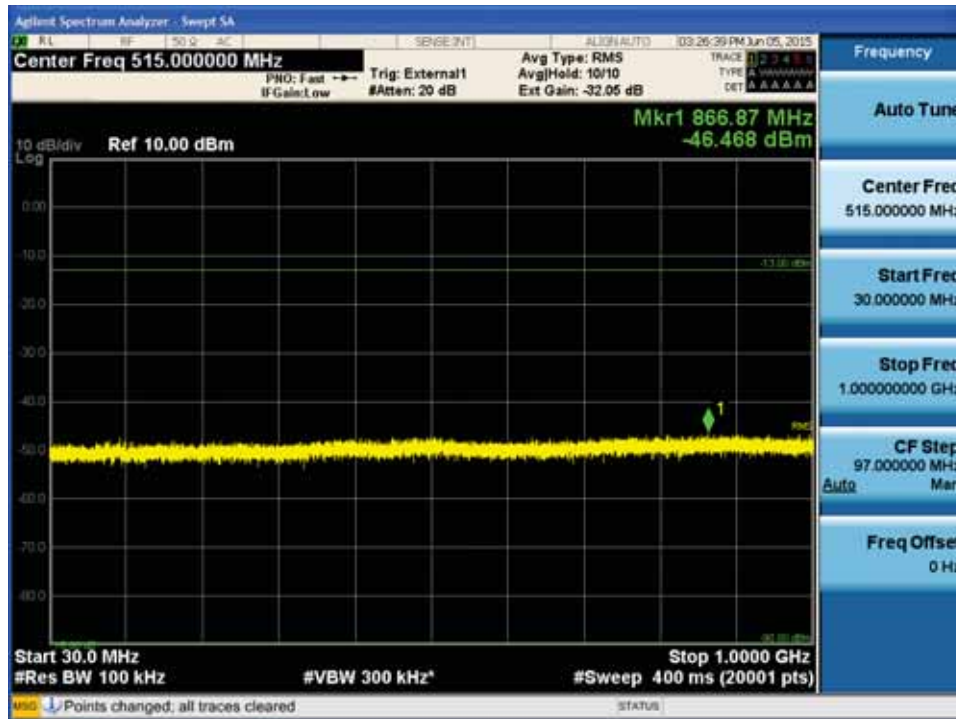


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

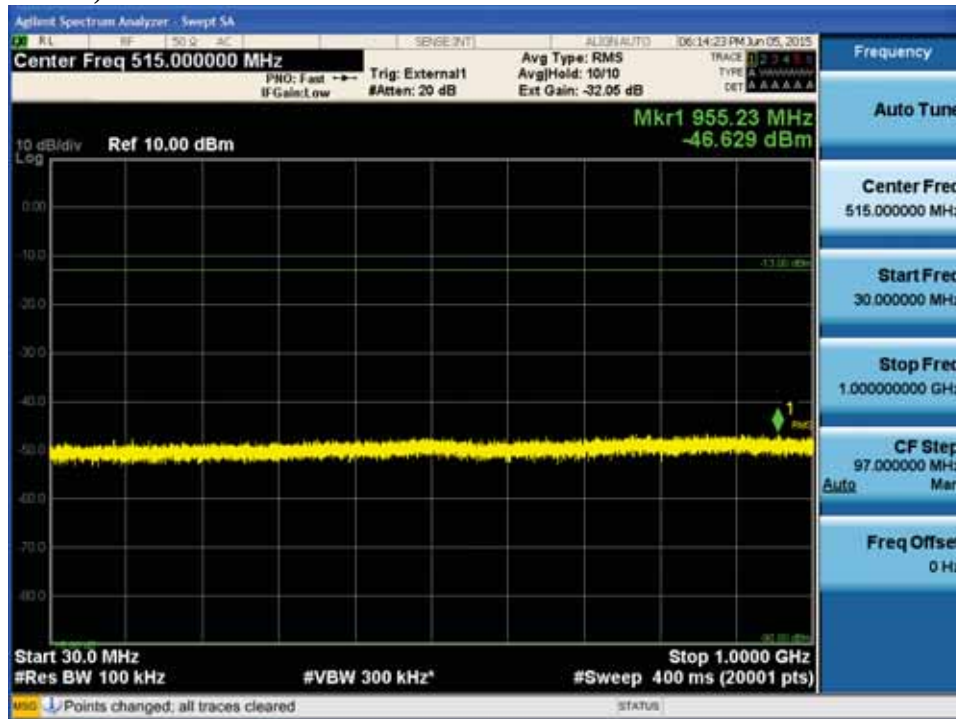


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

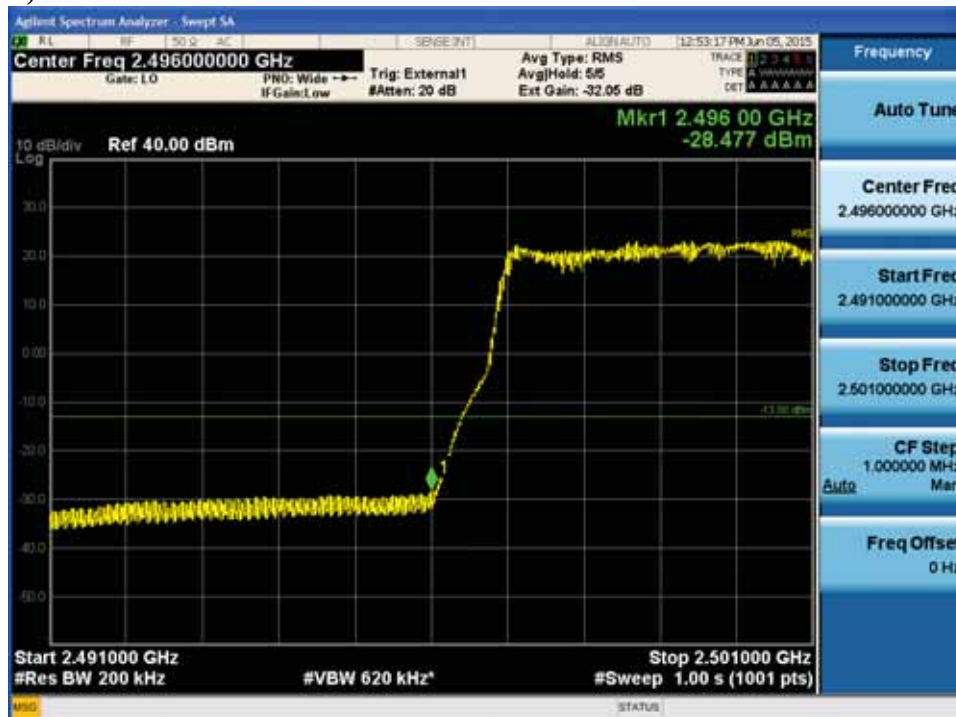


(1 GHz ~ 26.5 GHz)

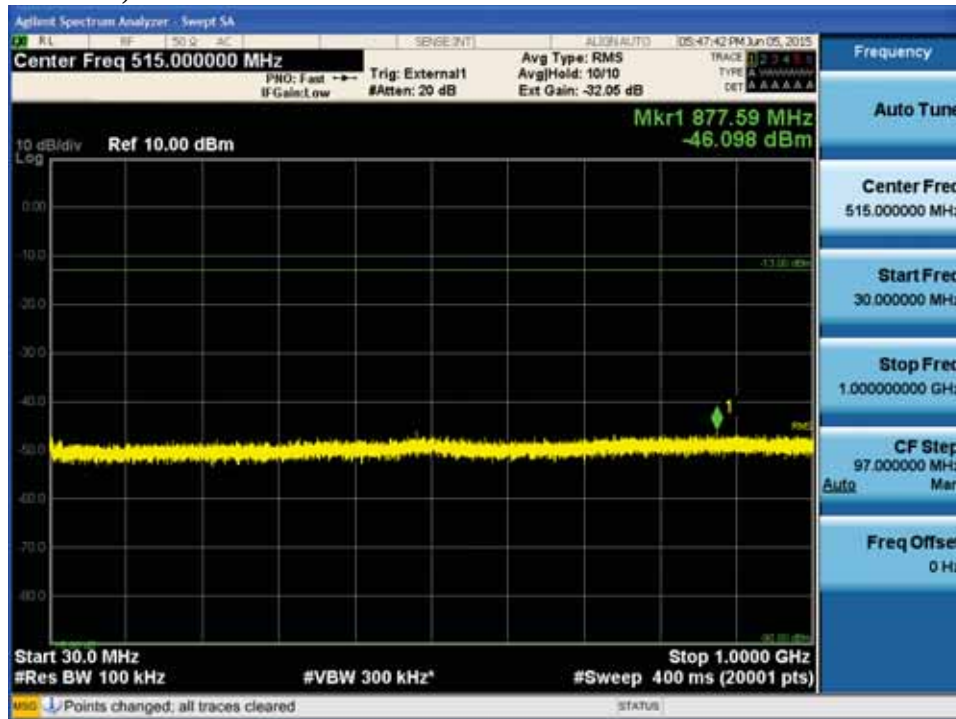


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

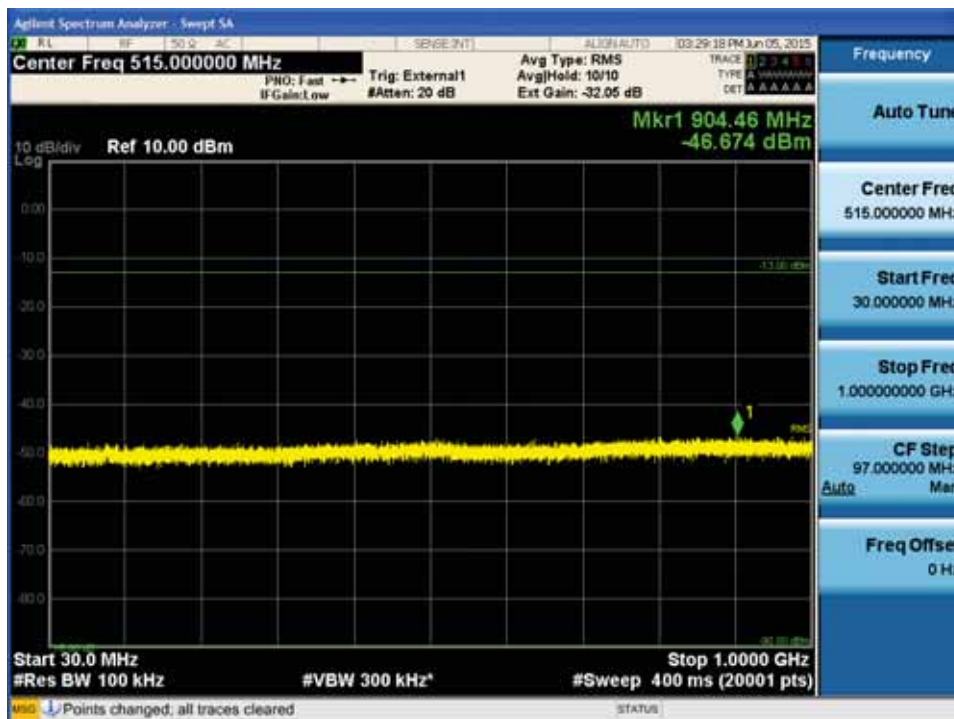


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

Agilent Spectrum Analyzer - Swept SA

Center Freq 2.690000000 GHz
 Gate: LO PRN: Wide IF Gain: Low Trig: External1 #Atten: 20 dB
 Avg Type: RMS Avg/Hold: 55 Ext Gain: -32.05 dB
 DATE: 03/29/09 PM Jun 05, 2015 TRACE: 1 TYPE: A RES: 600 Hz DET: AAAAAA

10 dB/div Ref 40.00 dBm

Mkr1 2.690 00 GHz -27.594 dBm

Start 2.685000 GHz #Res BW 200 kHz #VBW 620 kHz Stop 2.695000 GHz #Sweep 1.00 s (1001 pts)

Frequency Auto Tune Center Freq 2.690000000 GHz Start Freq 2.685000000 GHz Stop Freq 2.695000000 GHz CF Step 1.000000 MHz Auto Freq Offset 0 Hz

7.4.35. Test Data at Output Port 2
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)

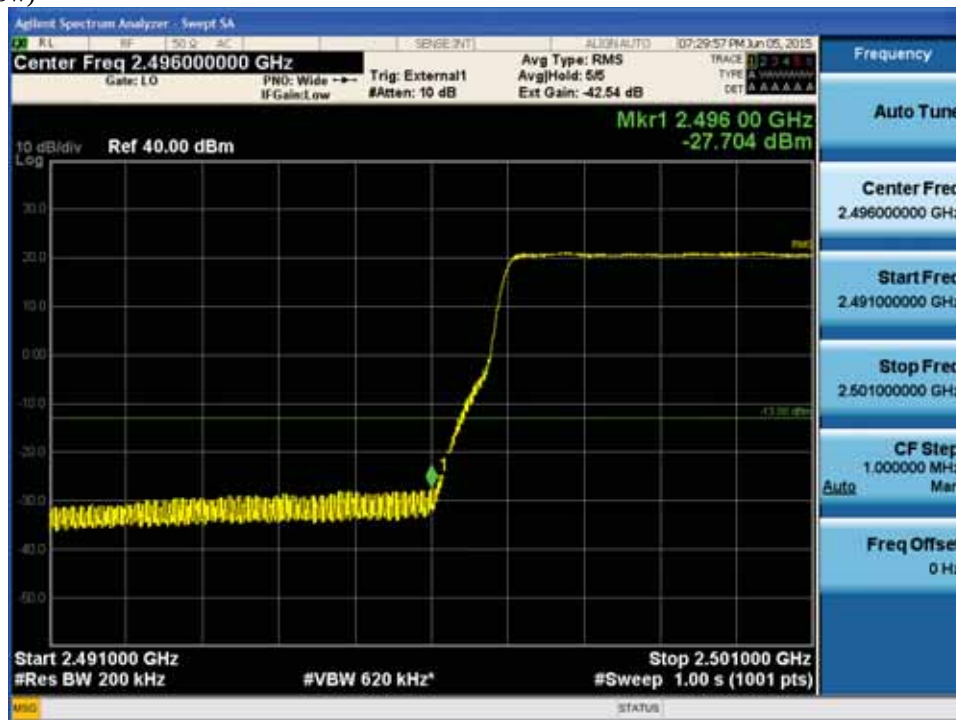


(1 GHz ~ 26.5 GHz)

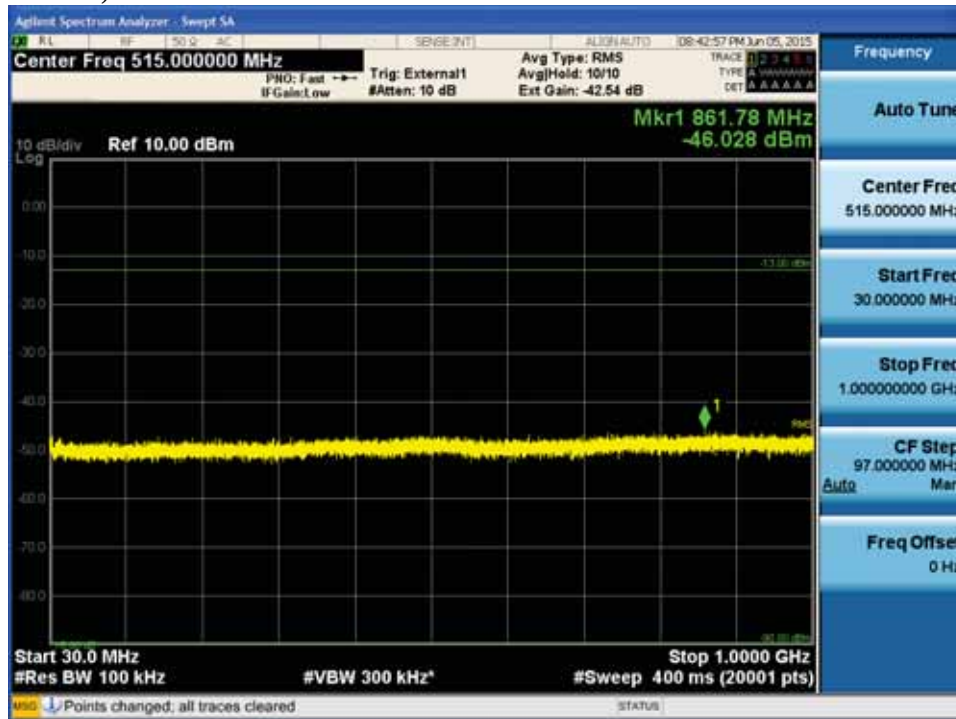


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)

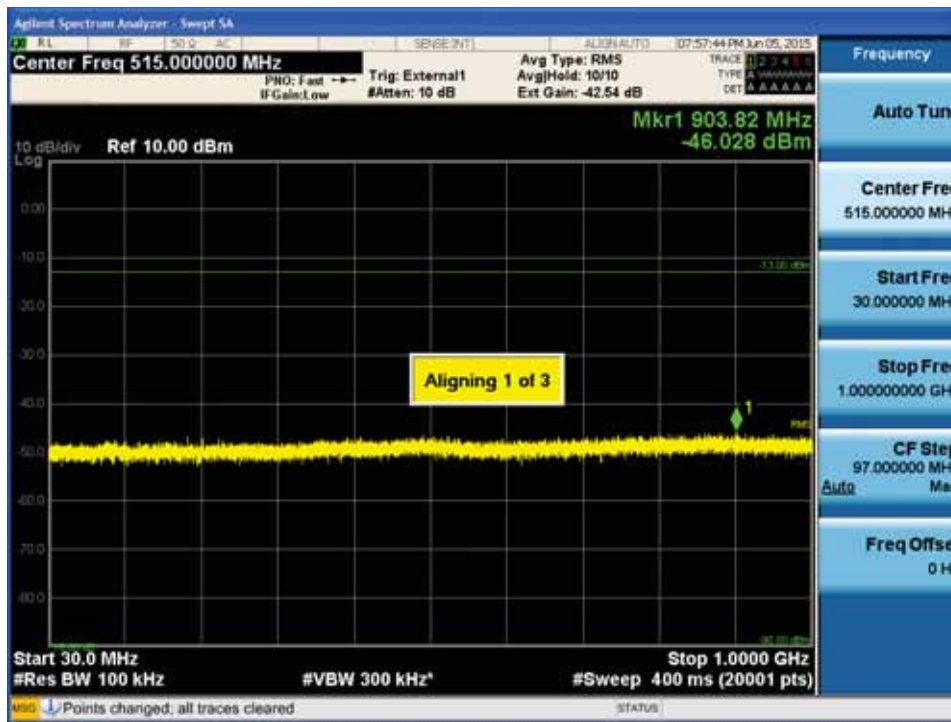


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

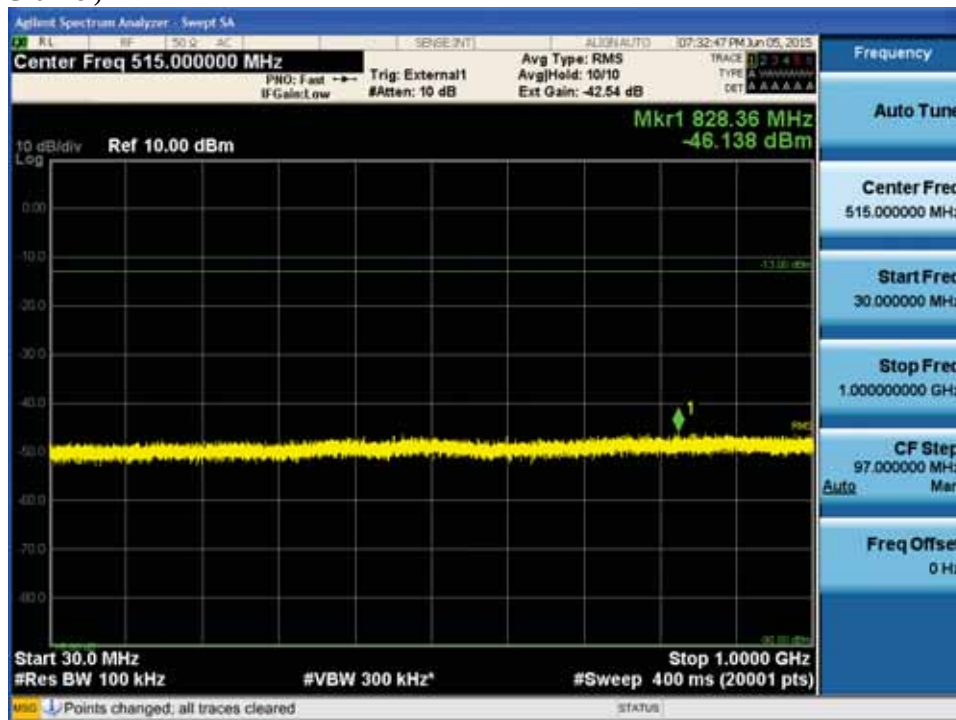


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)

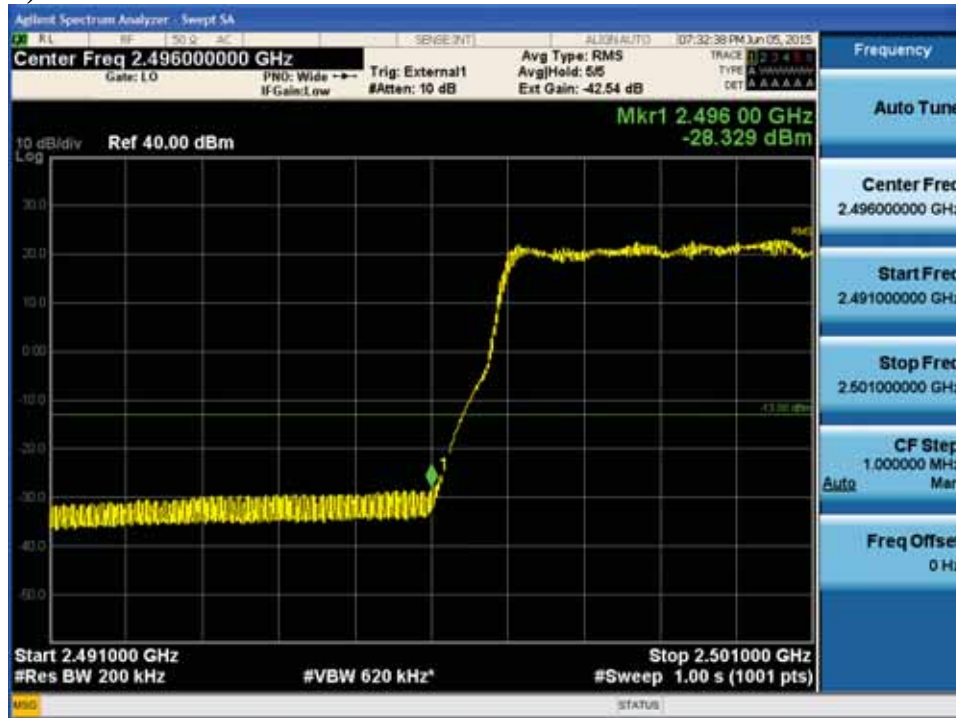


(1 GHz ~ 26.5 GHz)

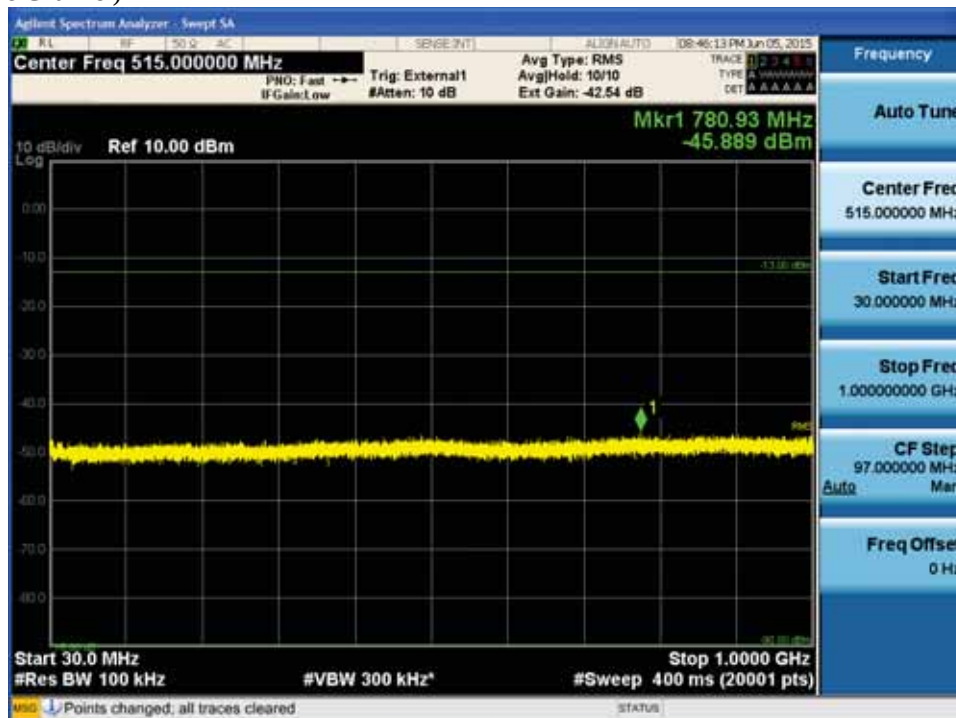


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(
16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

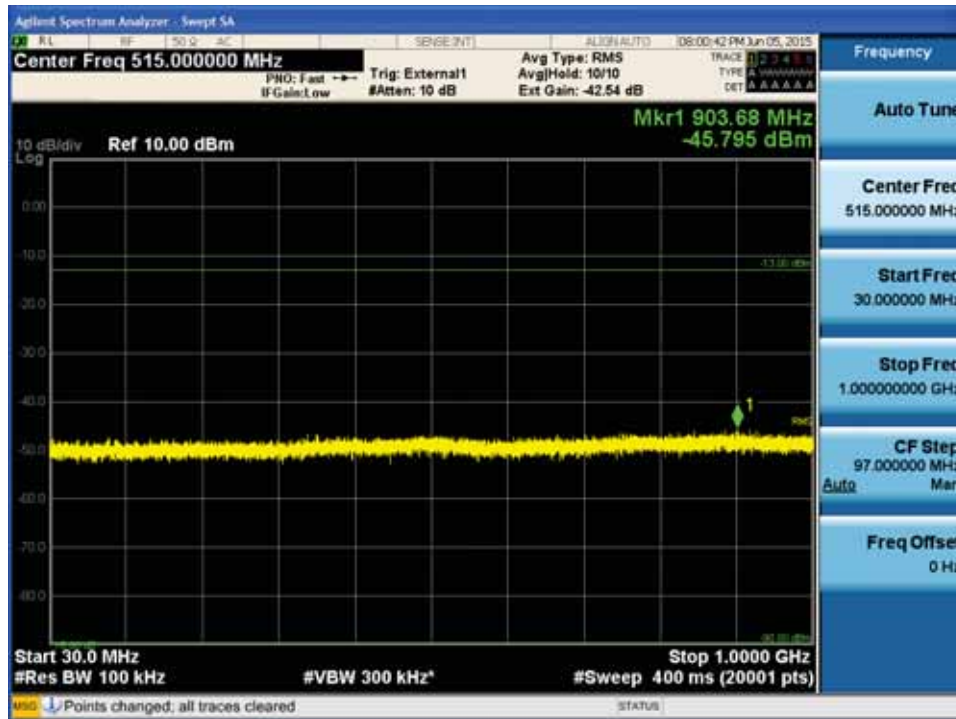


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

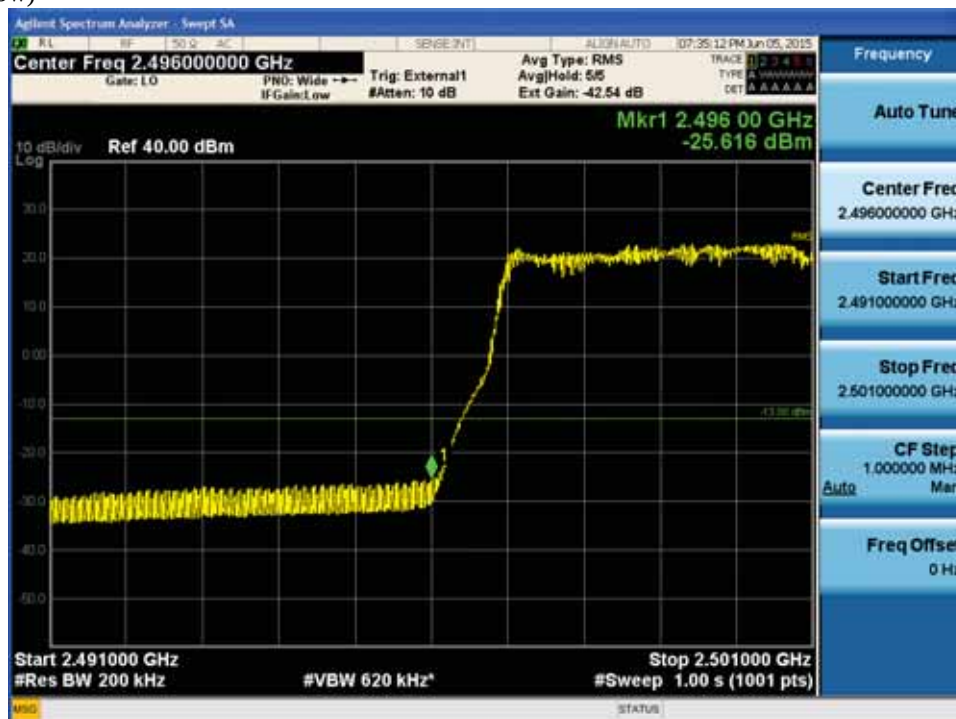


(1 GHz ~ 26.5 GHz)

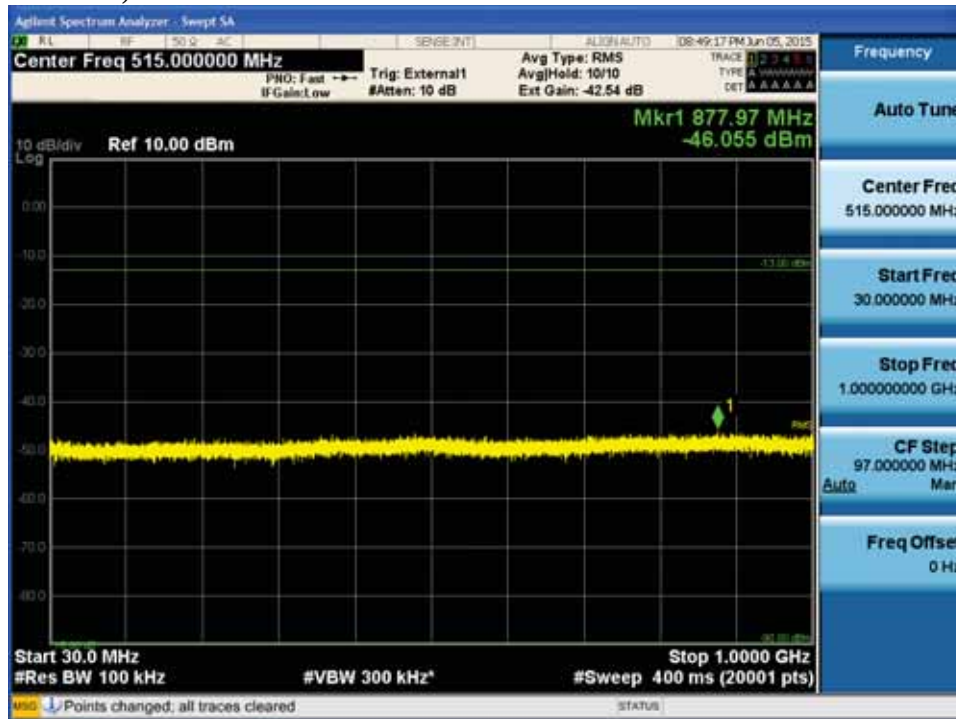


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

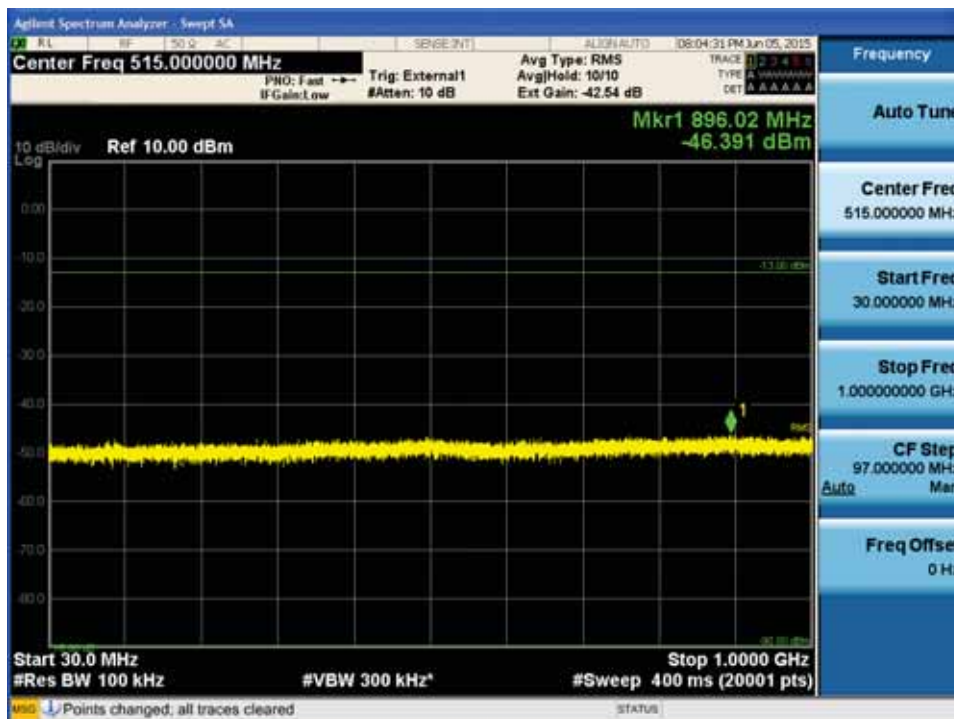


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

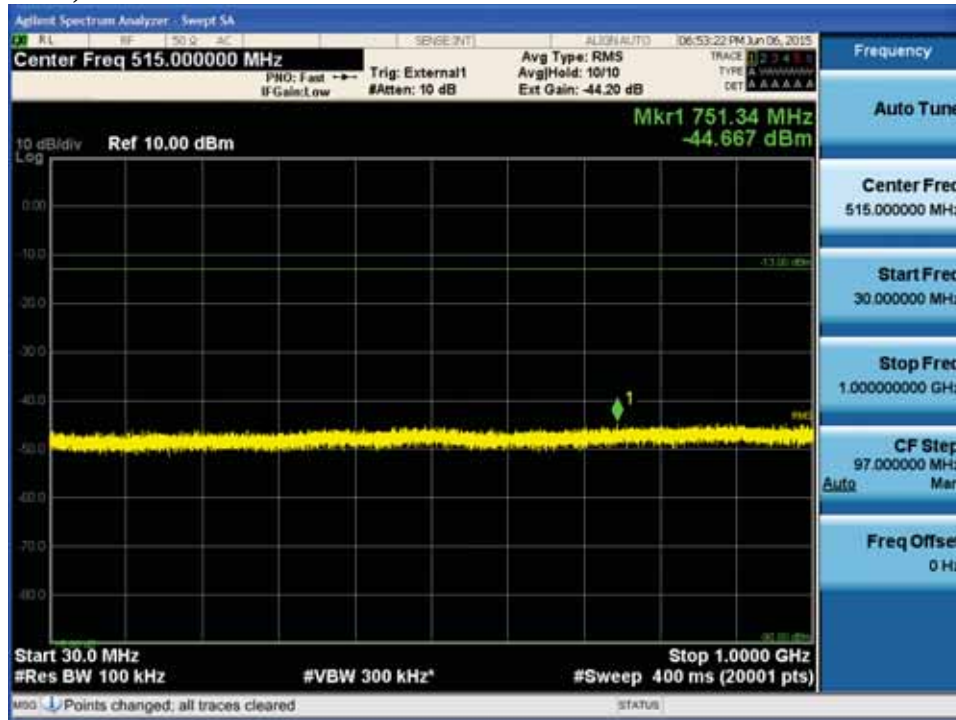


(3 GHz ~ 26.5 GHz)

(Band Edge High)



7.4.36. Test Data at Output Port 3
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)

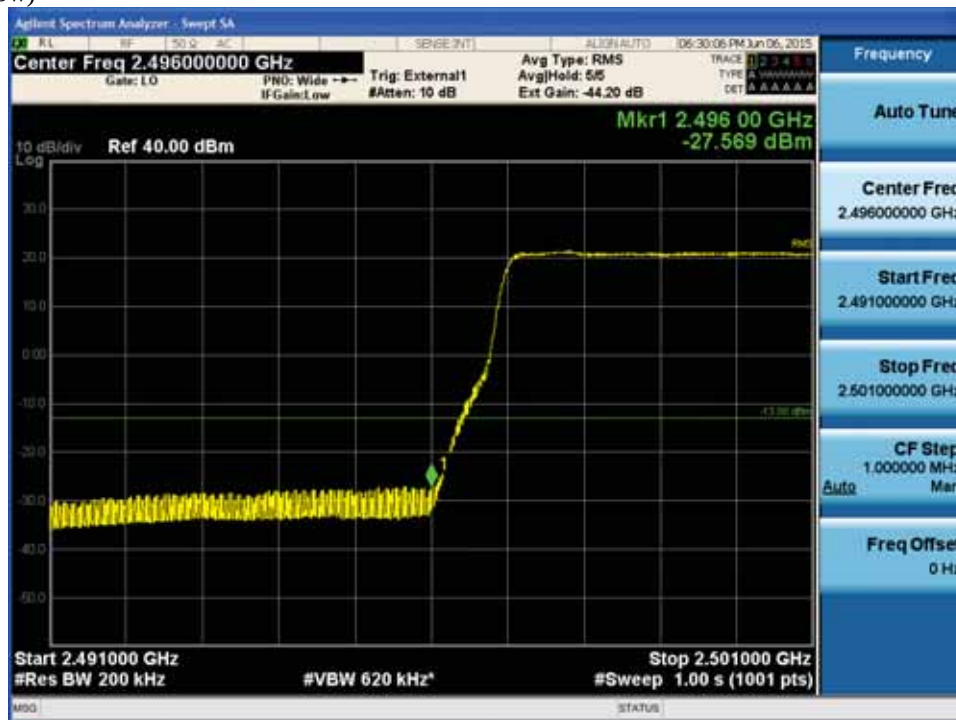


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)

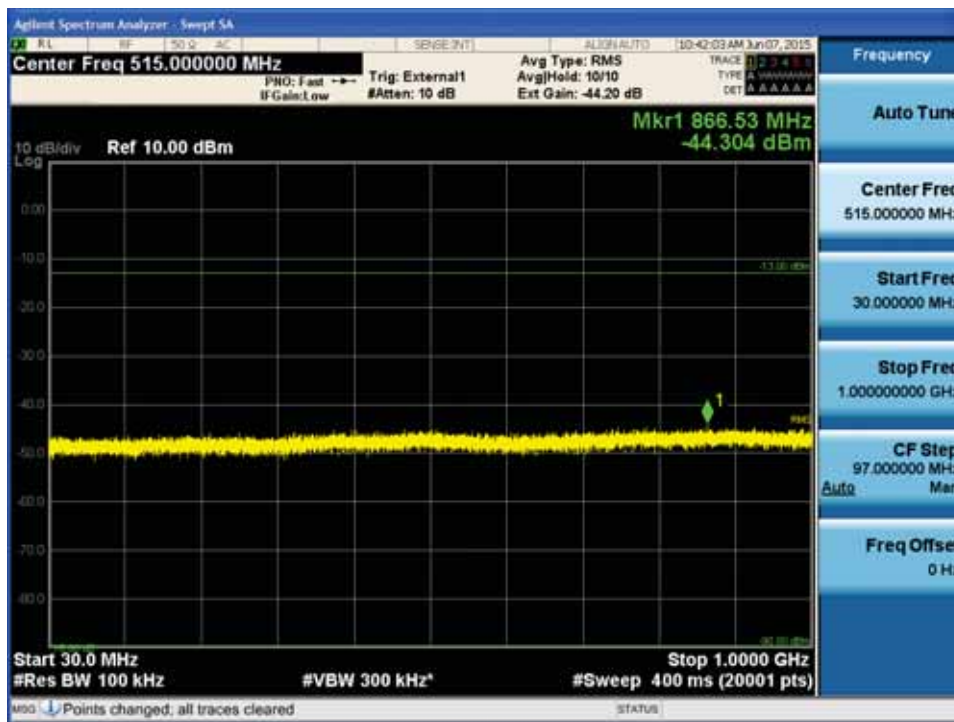


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

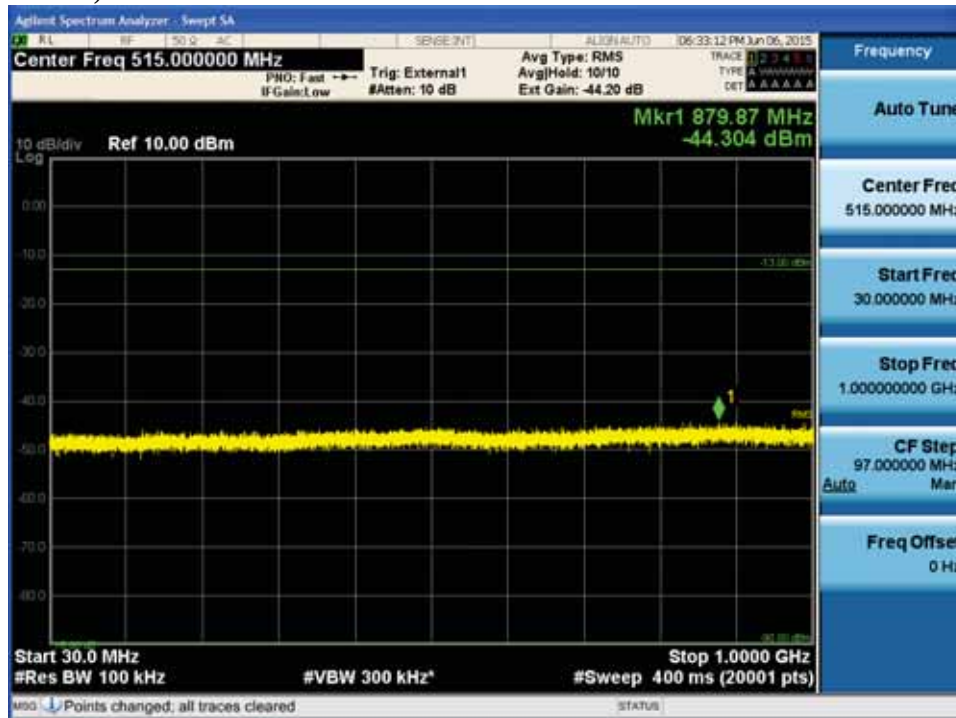


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)

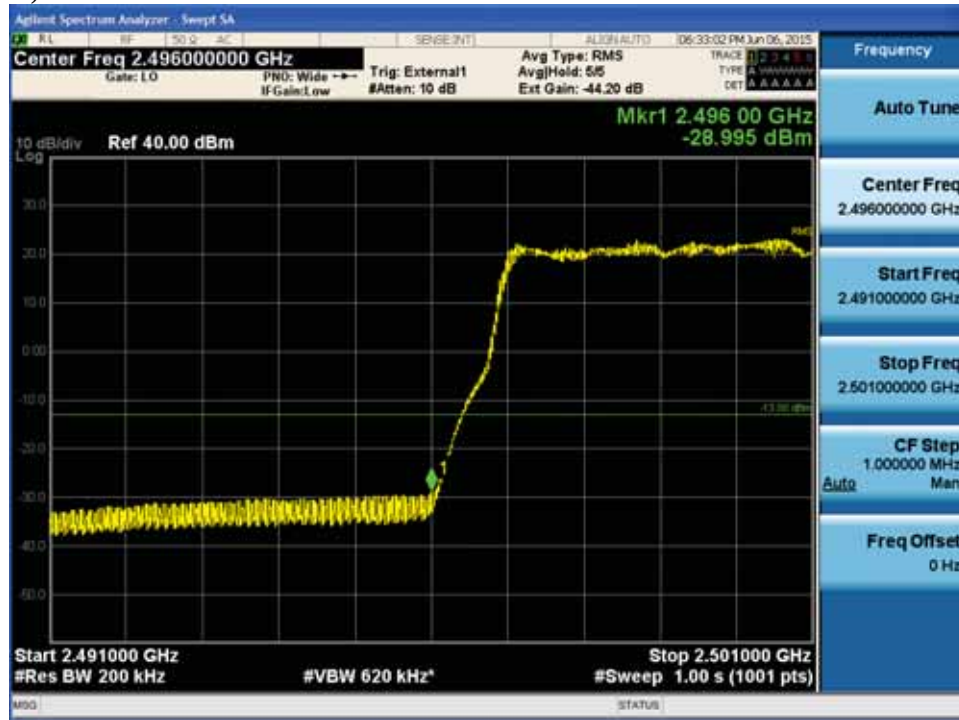


(1 GHz ~ 26.5 GHz)

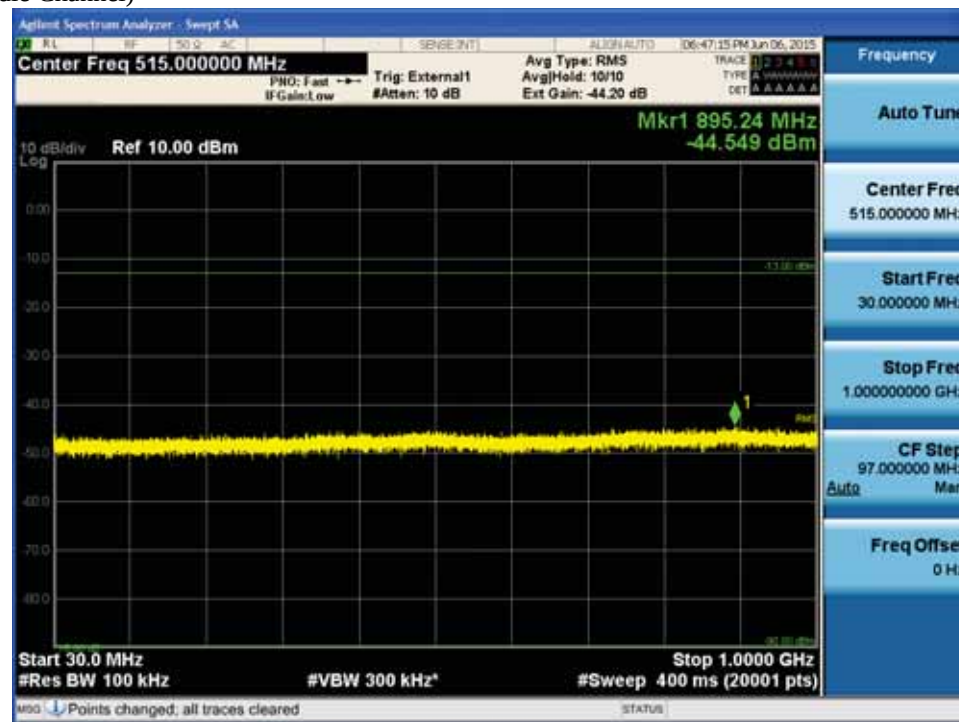


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

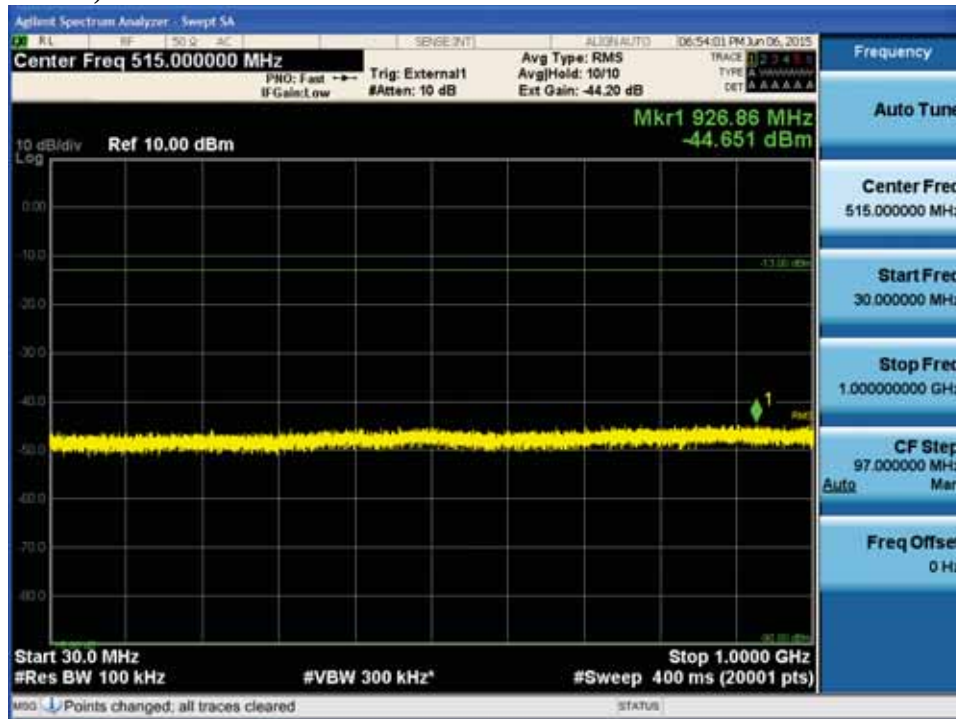


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

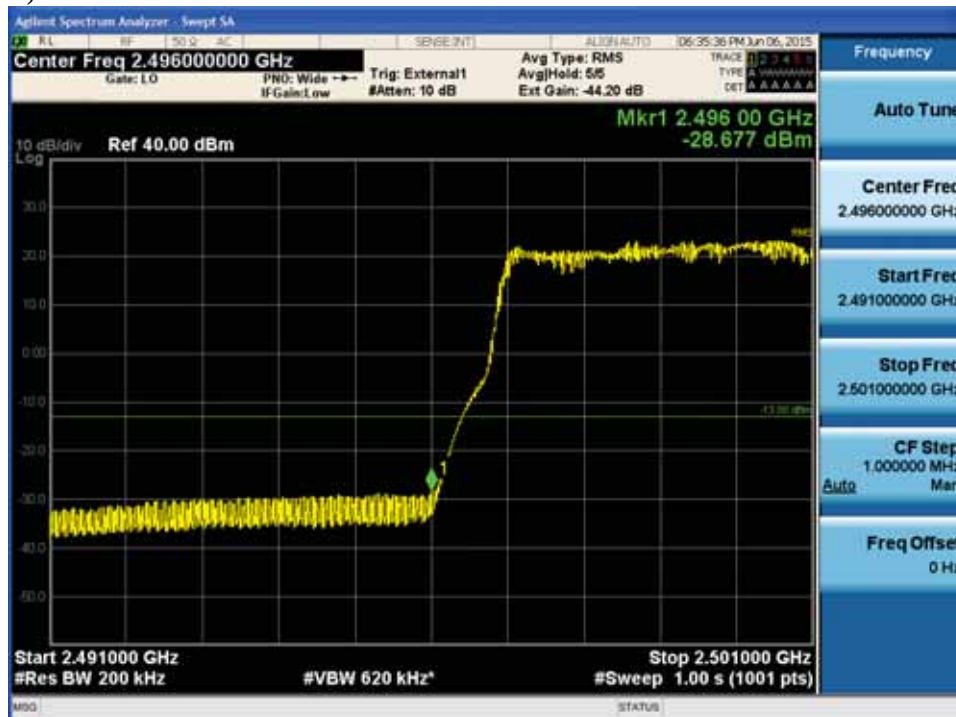


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)



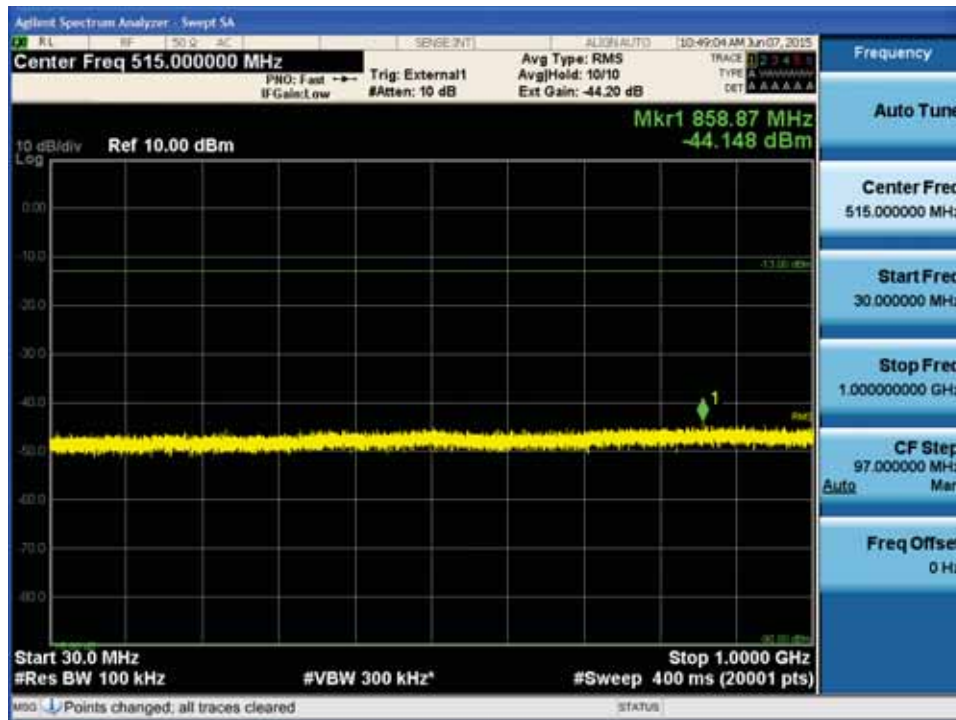
(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)





(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

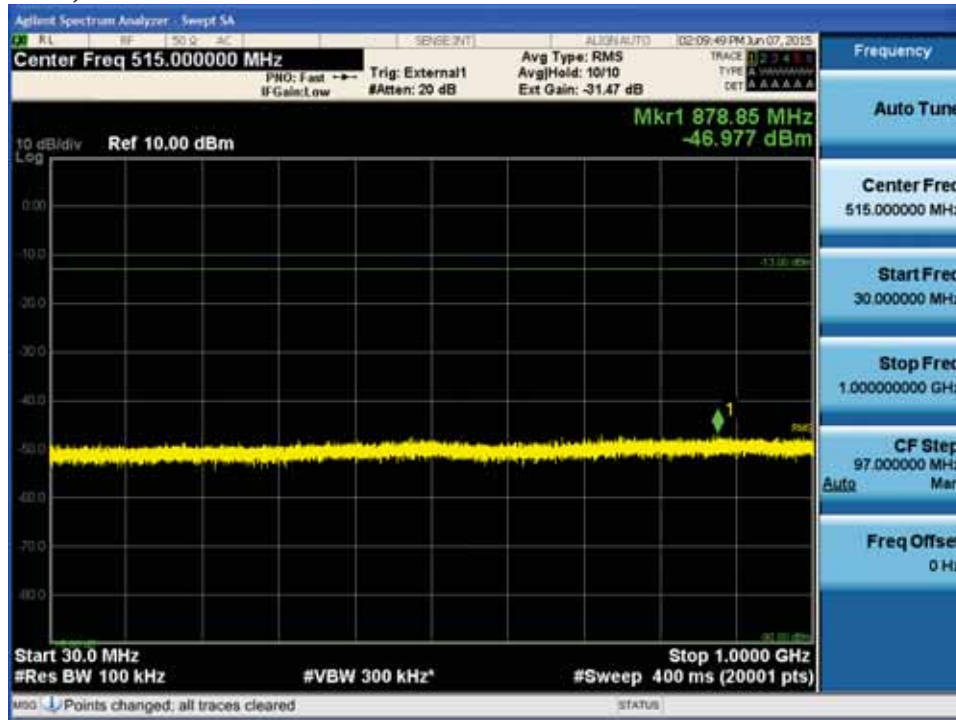


(3 GHz ~ 26.5 GHz)

(Band Edge High)



7.4.37. Test Data at Output Port 4
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)

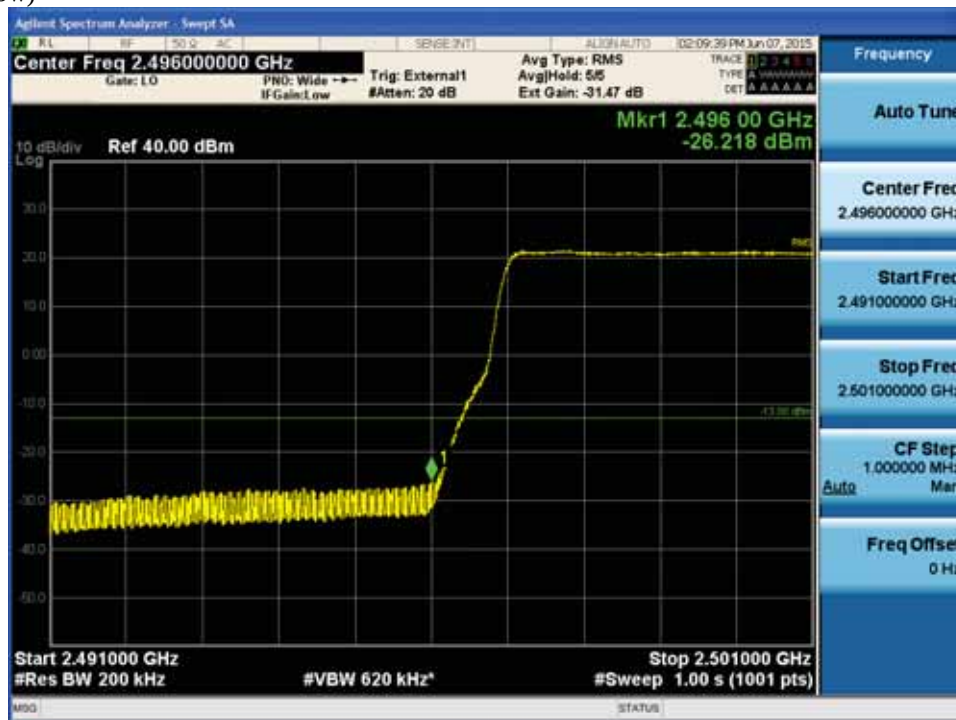


(1 GHz ~ 26.5 GHz)

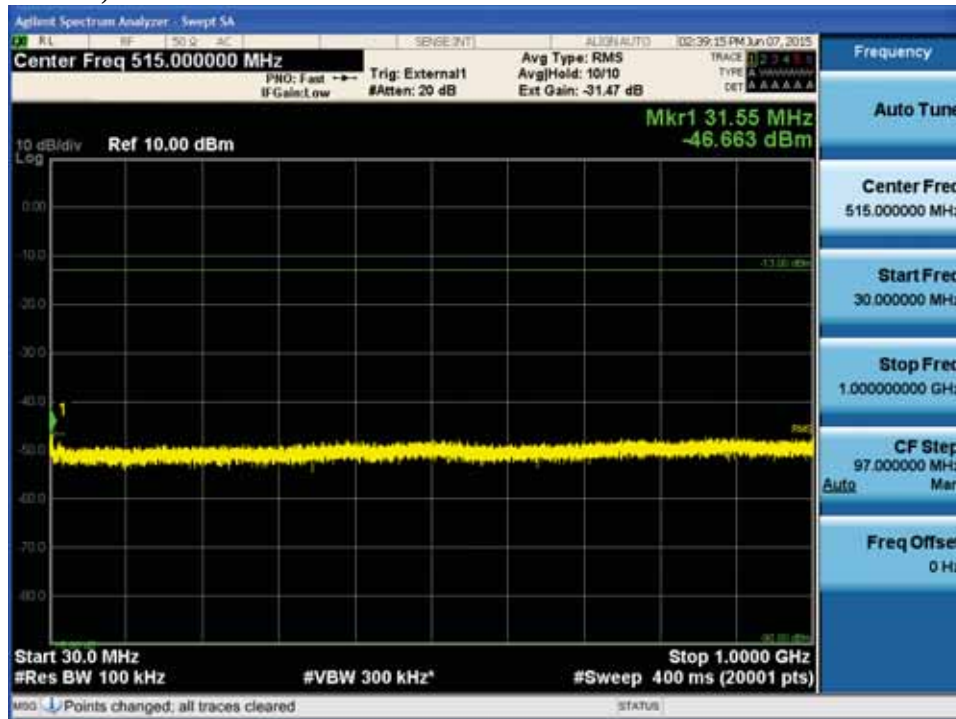


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)



(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



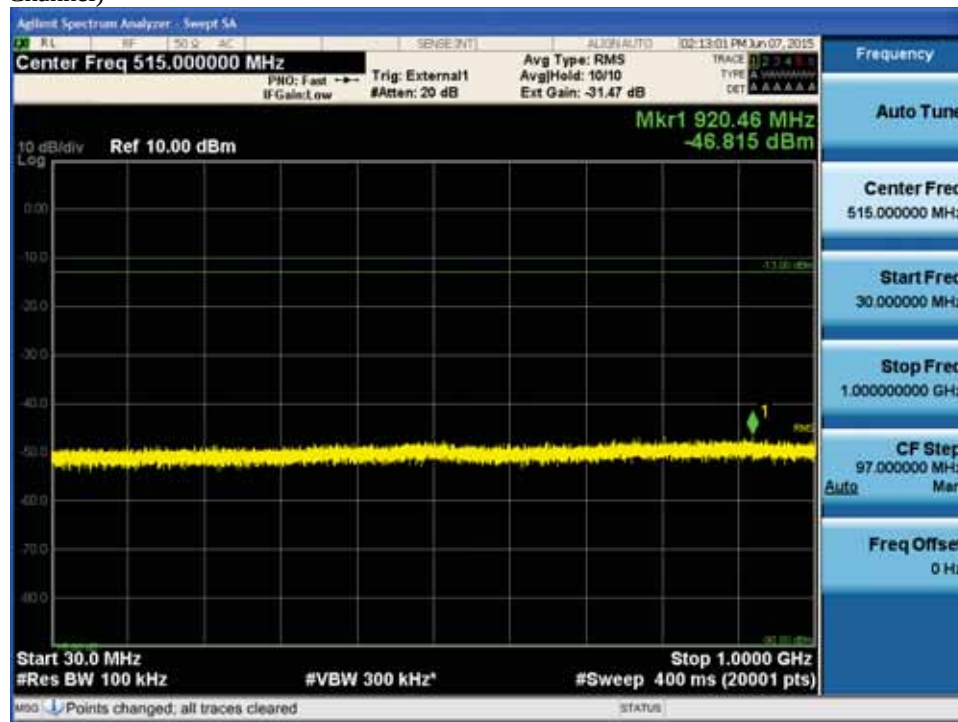
(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge High)

(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)

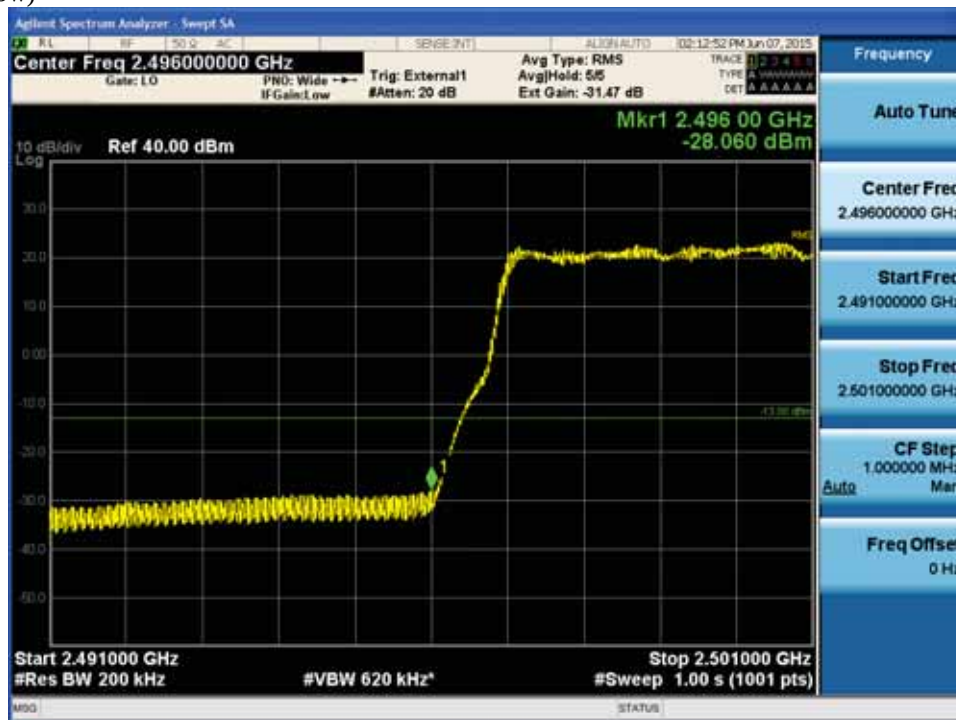


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

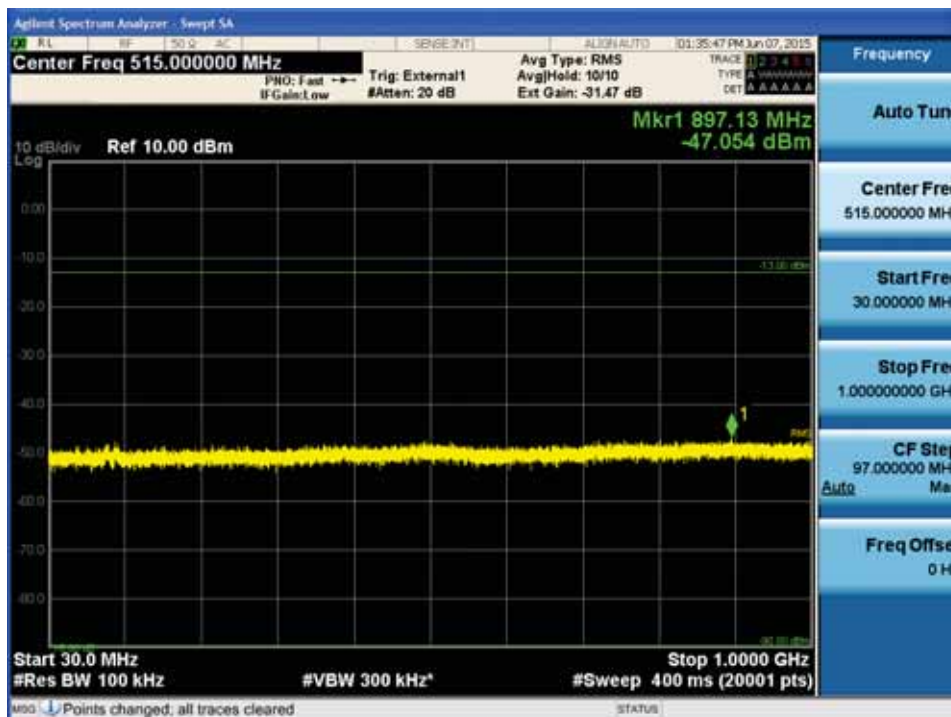


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

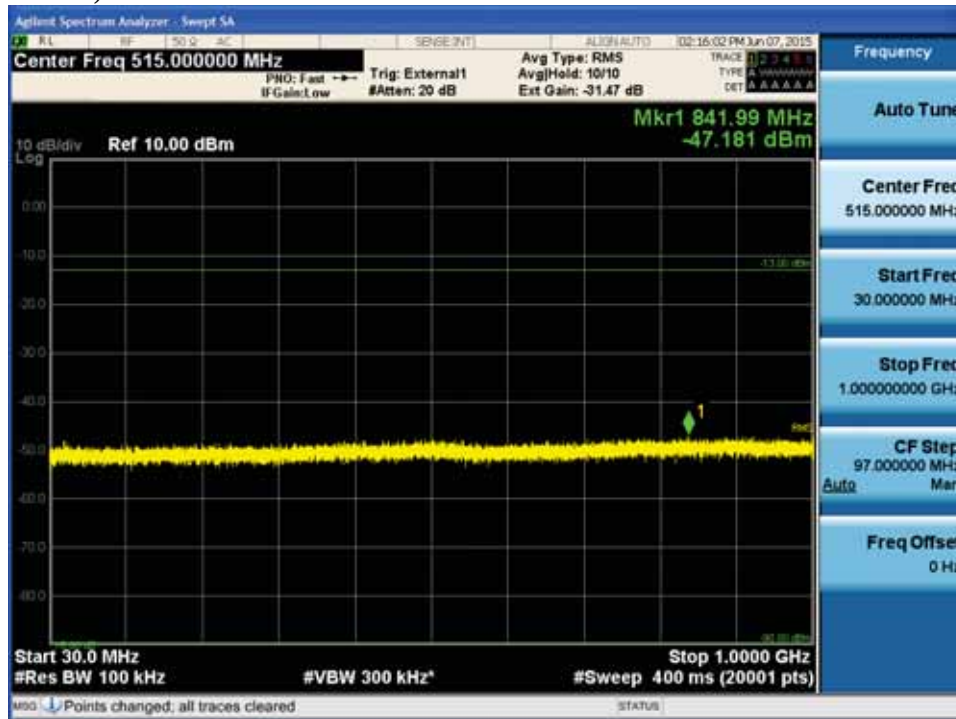


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

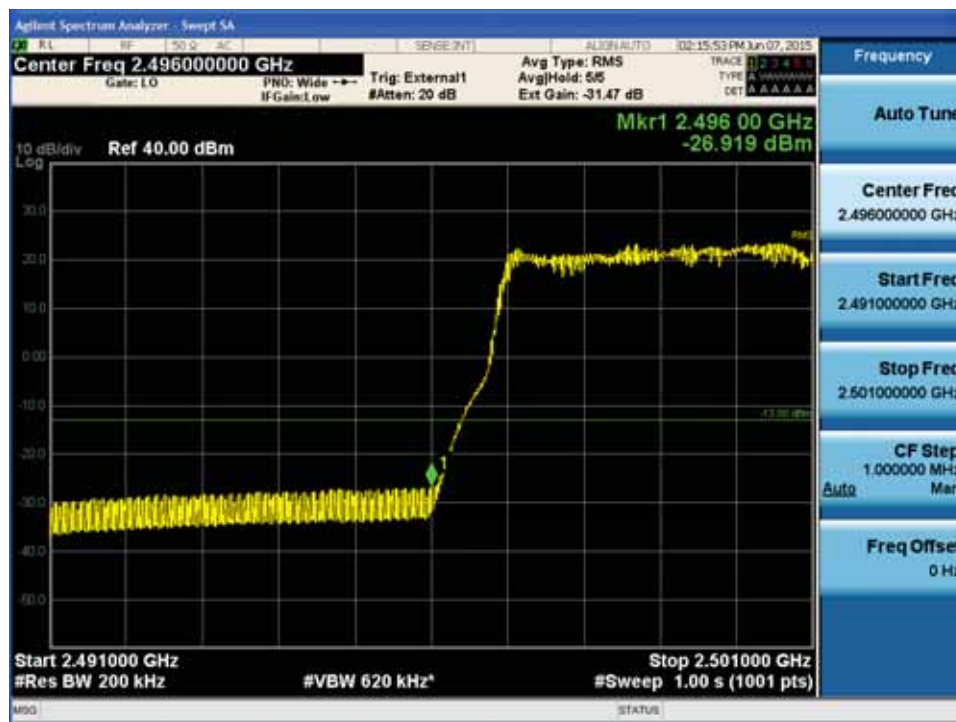


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

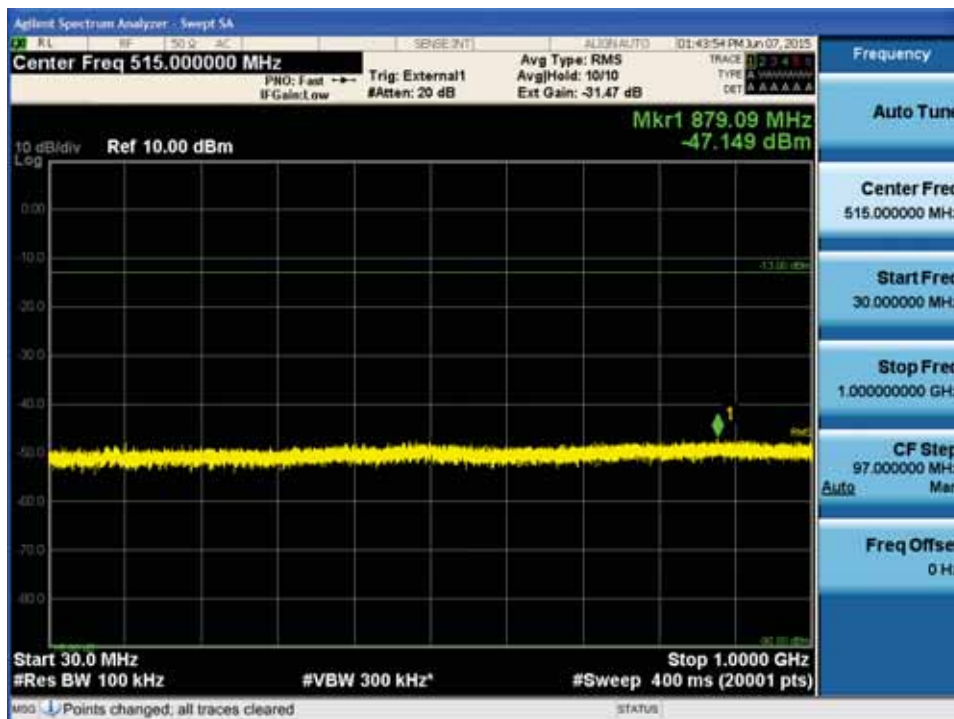


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)