



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

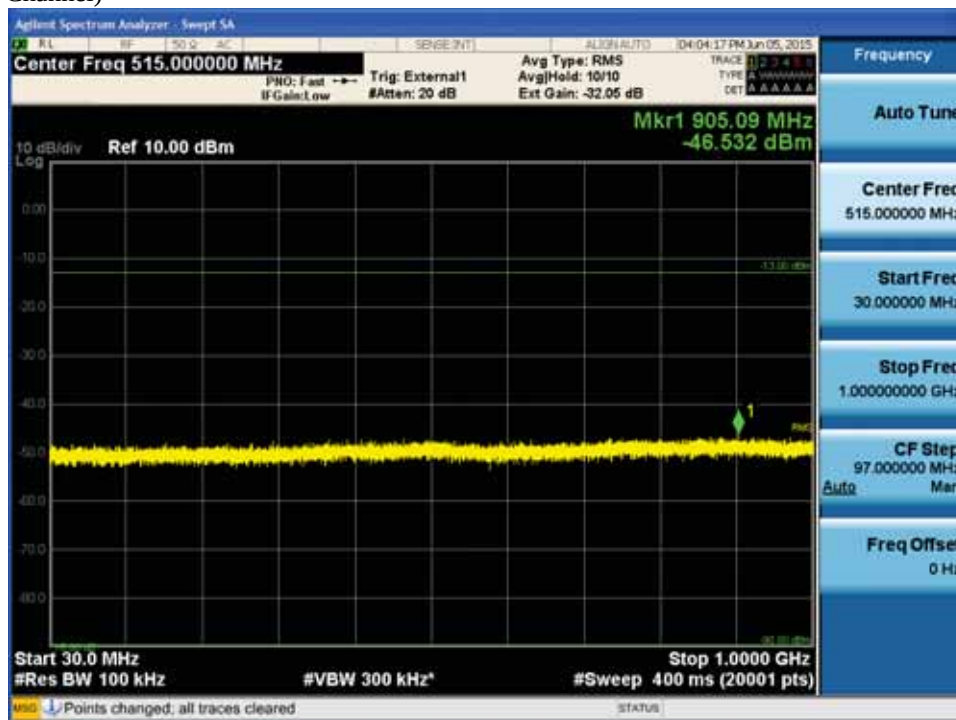


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

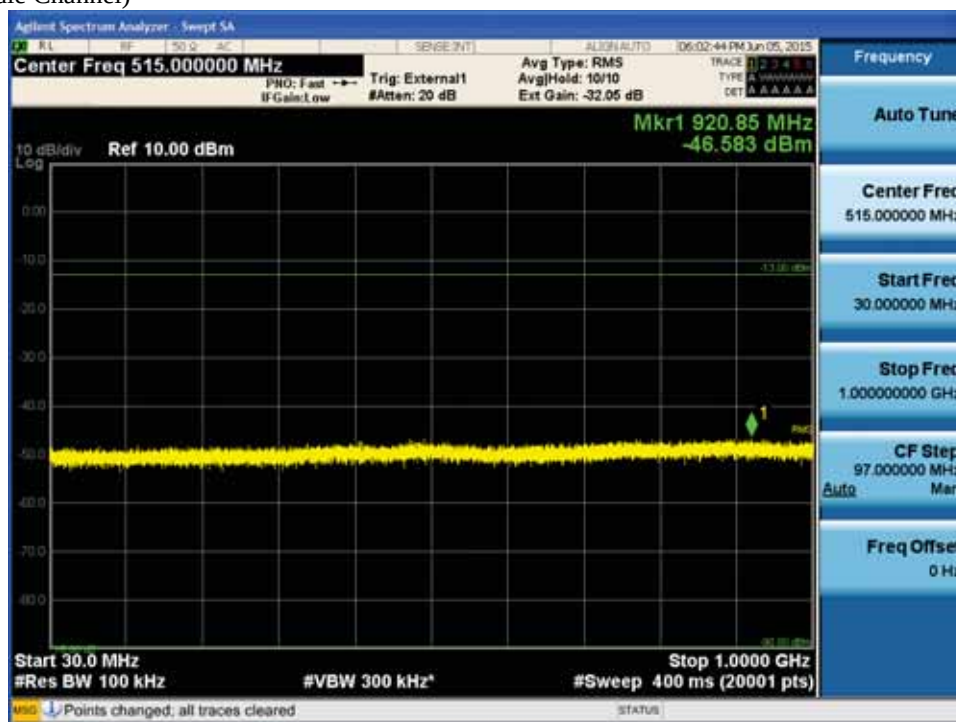


(3 GHz ~ 26.5 GHz)

(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)

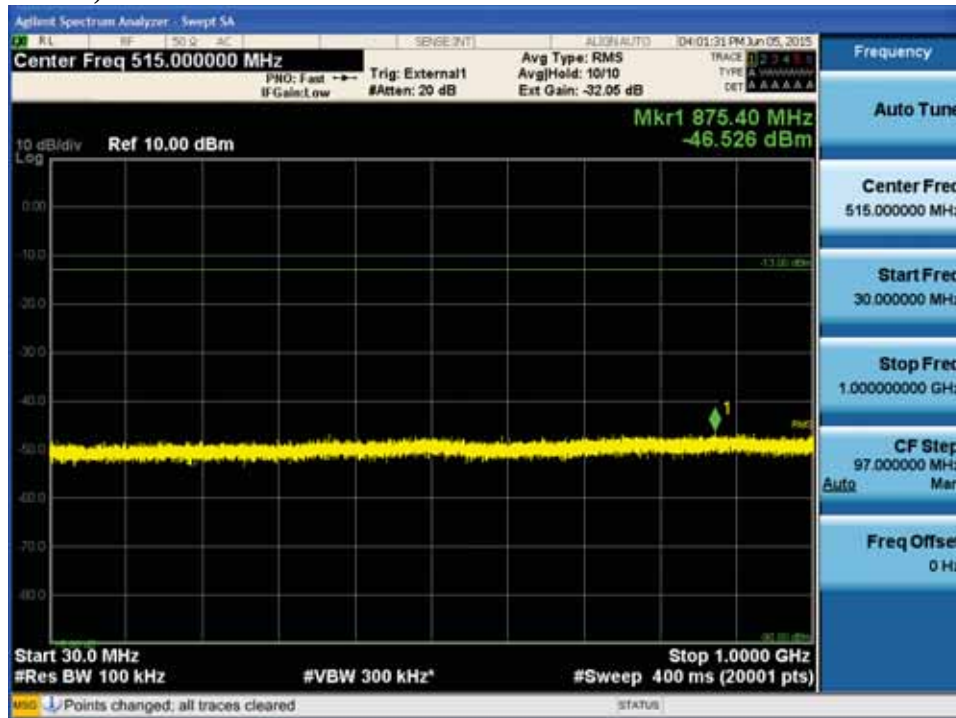


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

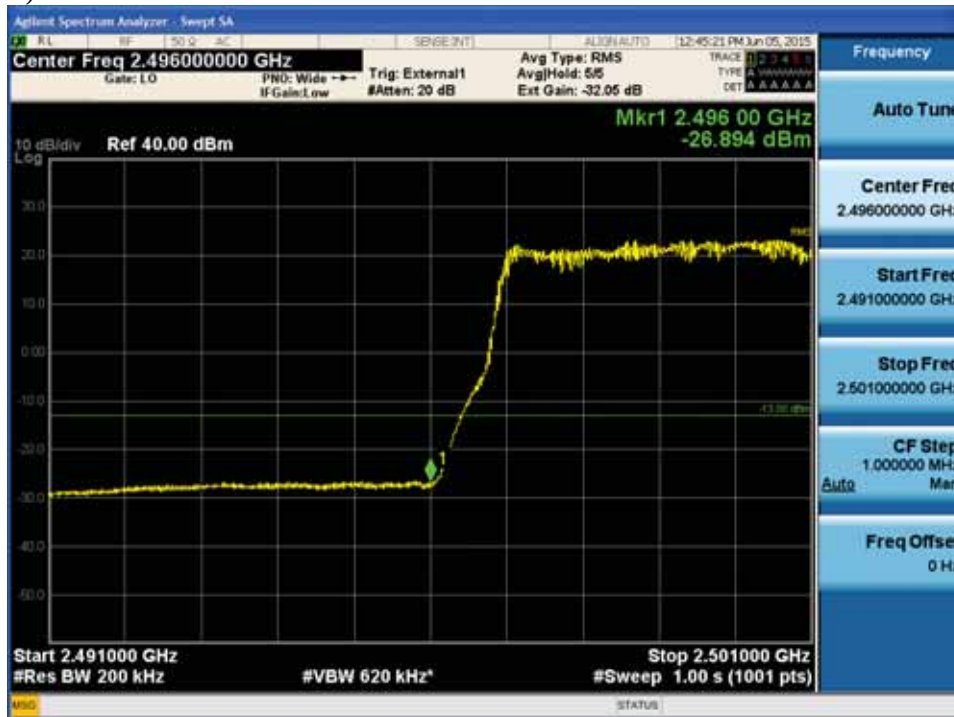


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

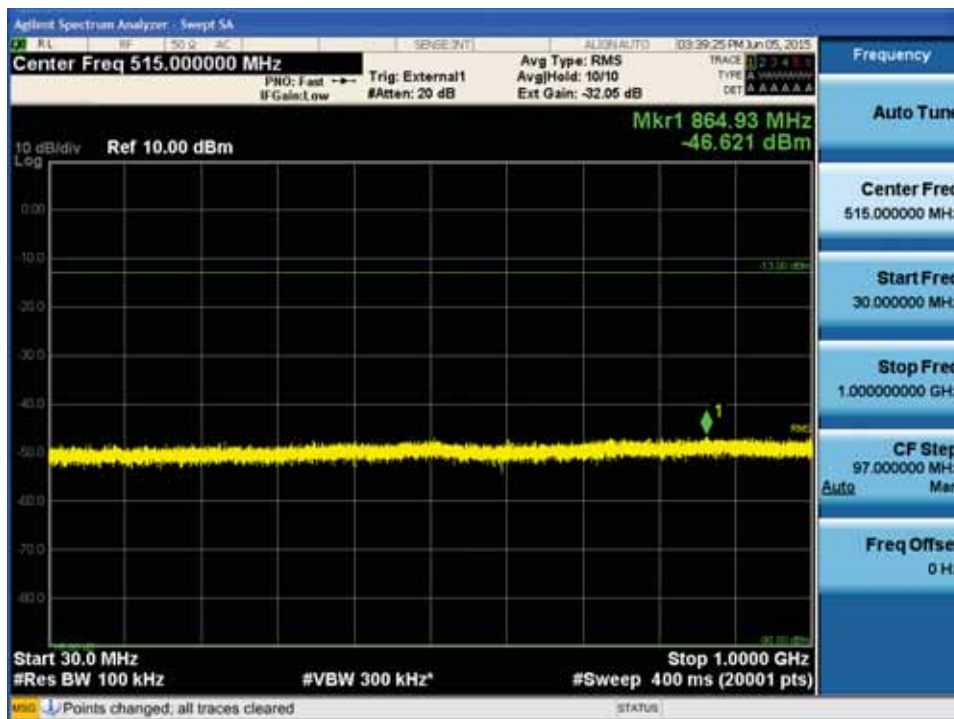


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

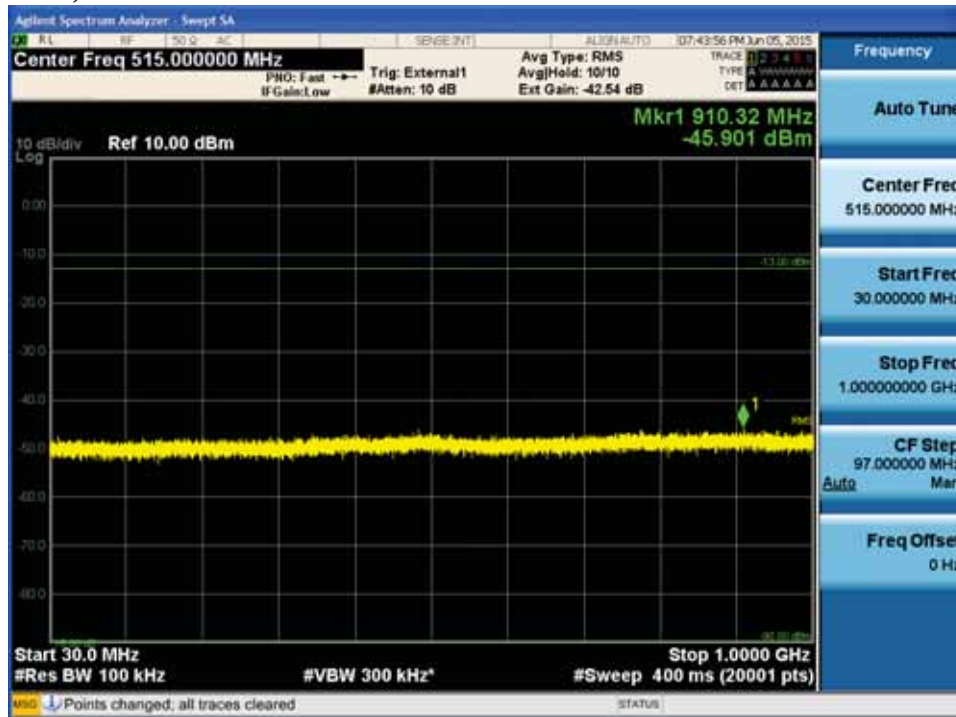


(3 GHz ~ 26.5 GHz)

(Band Edge High)



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



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

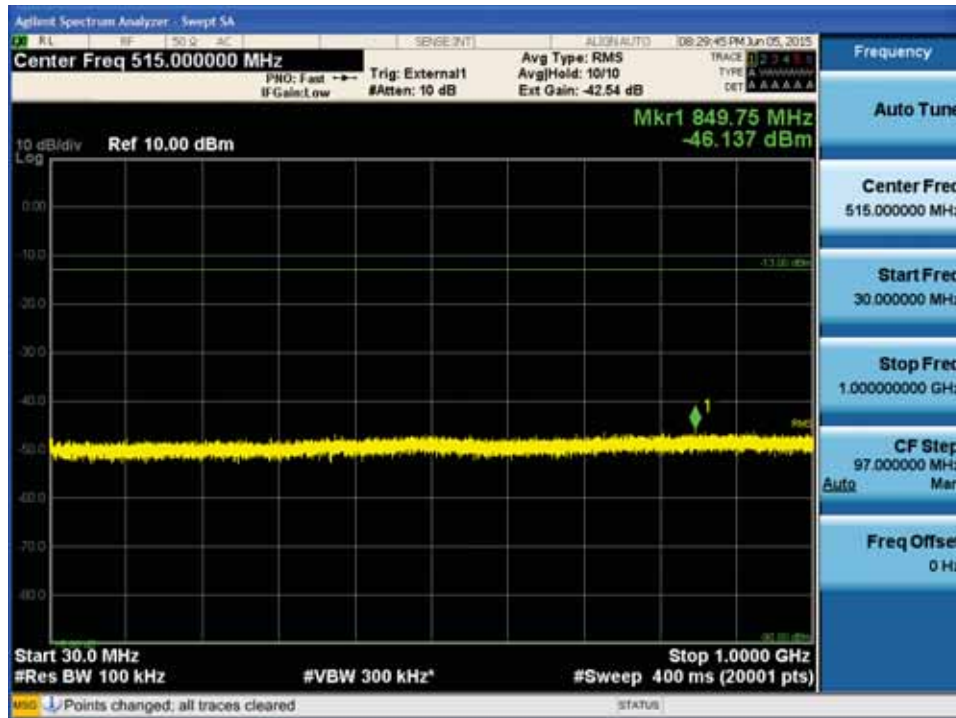


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)

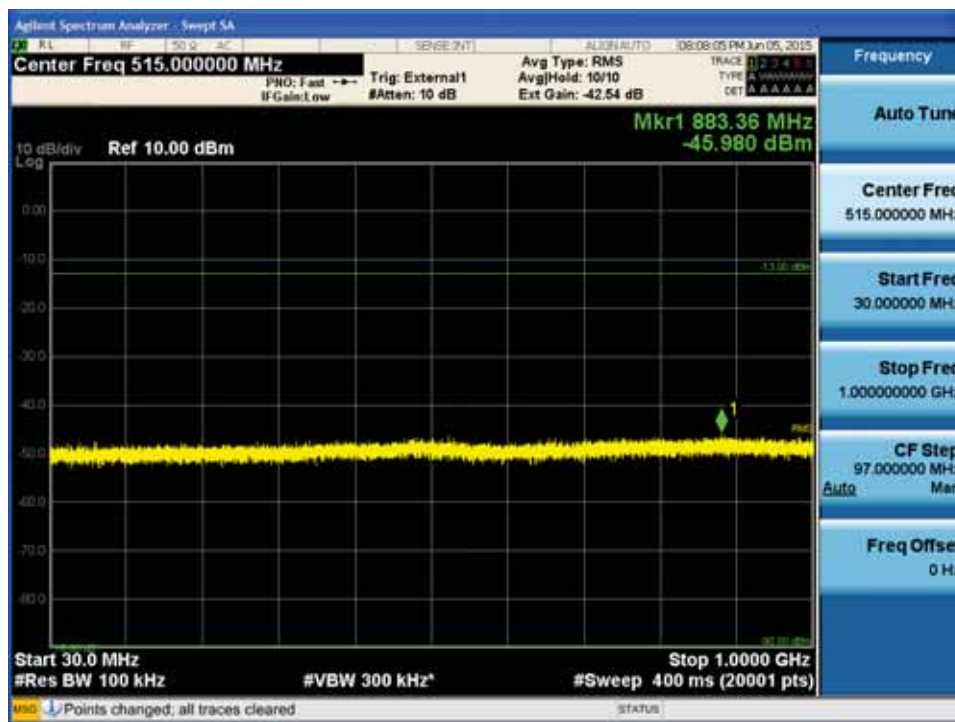


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)

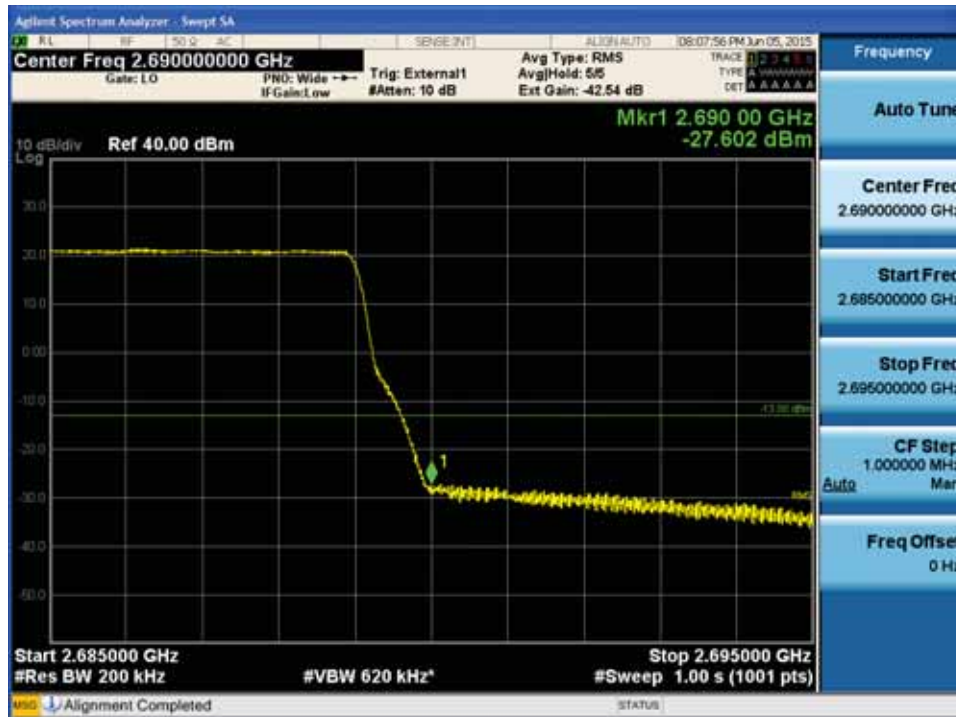


(1 GHz ~ 26.5 GHz)

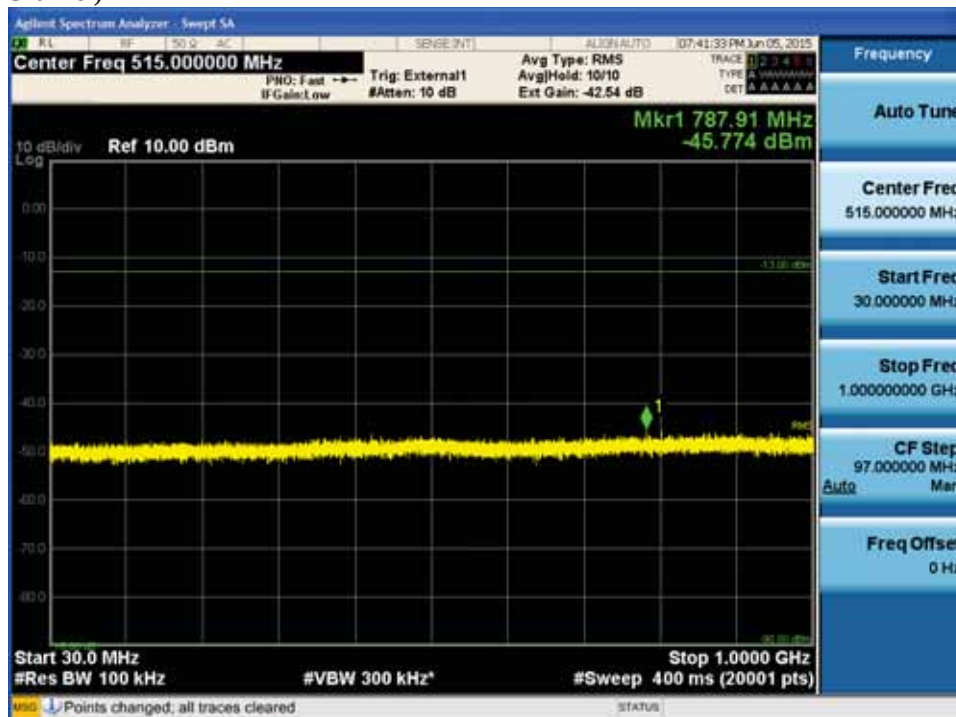


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

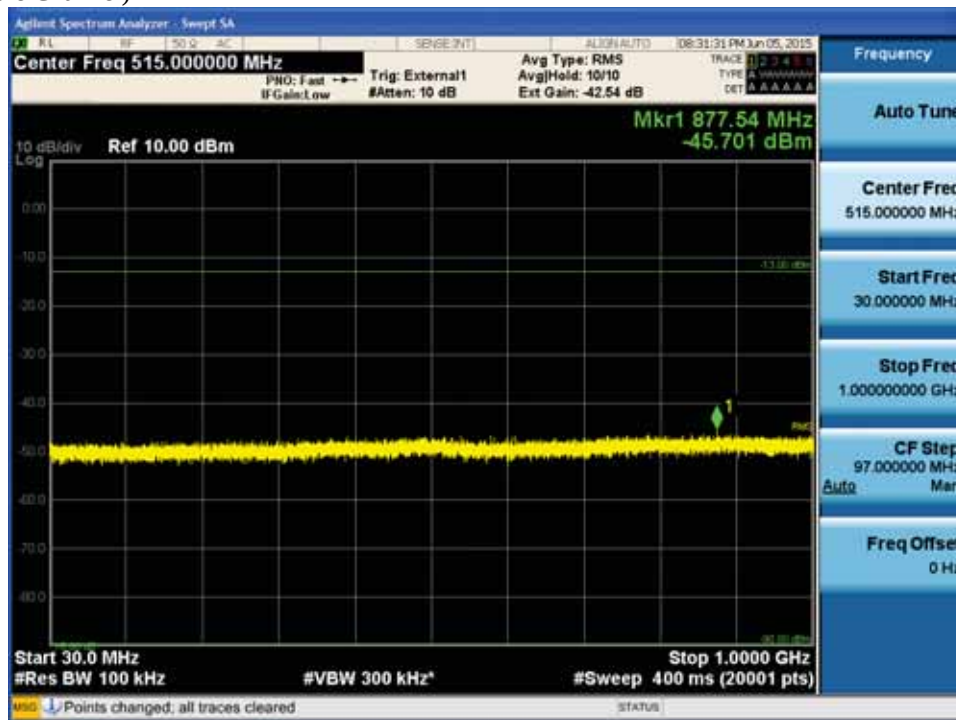


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

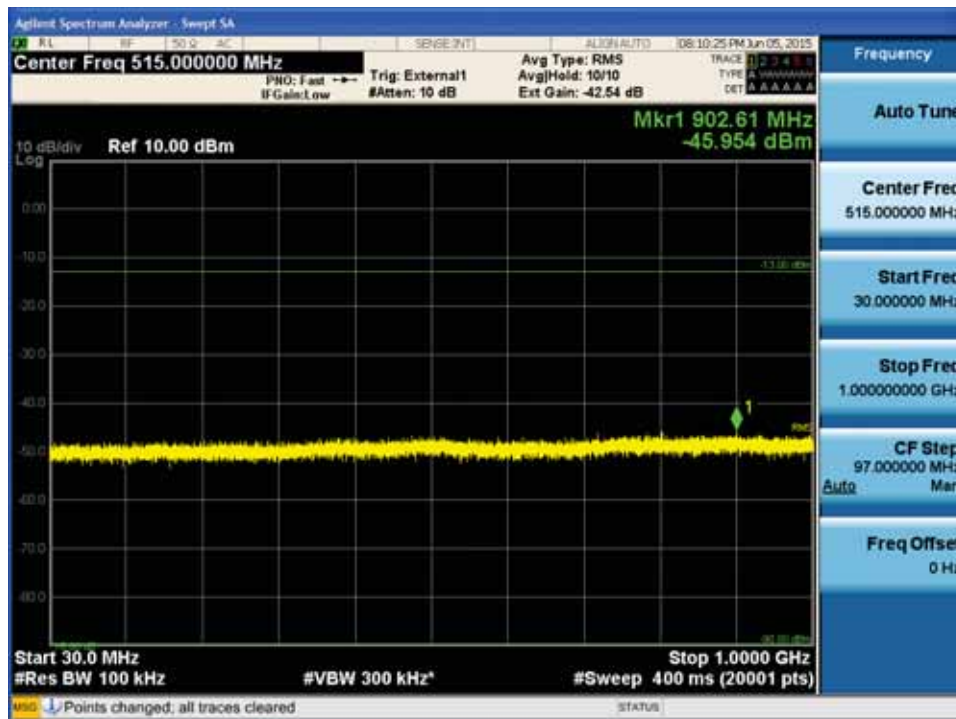


(1 GHz ~ 26.5 GHz)



(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)

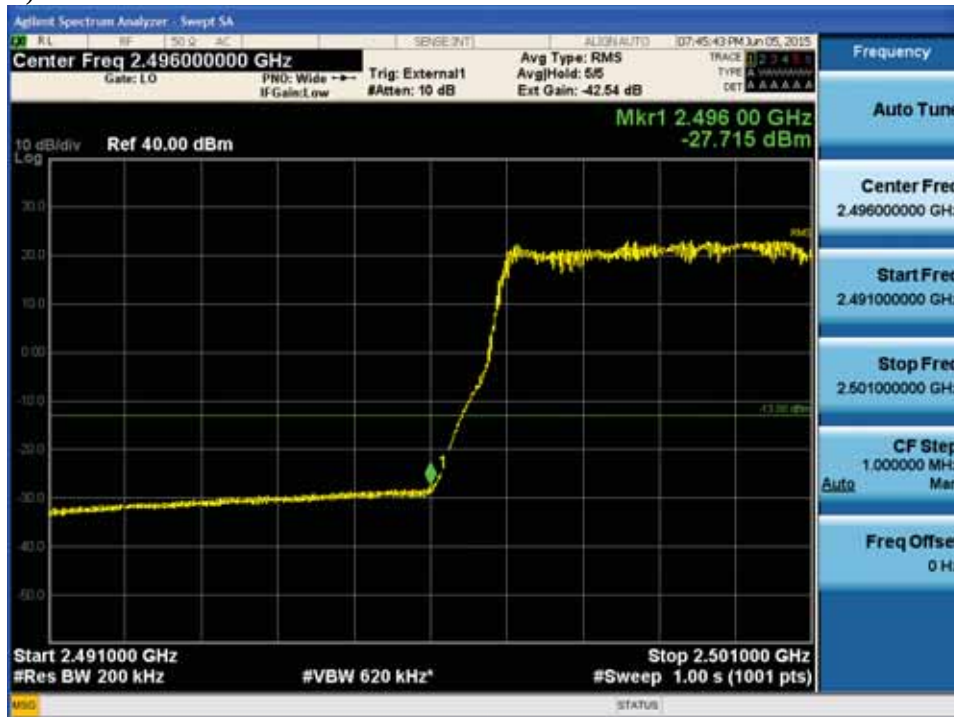


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

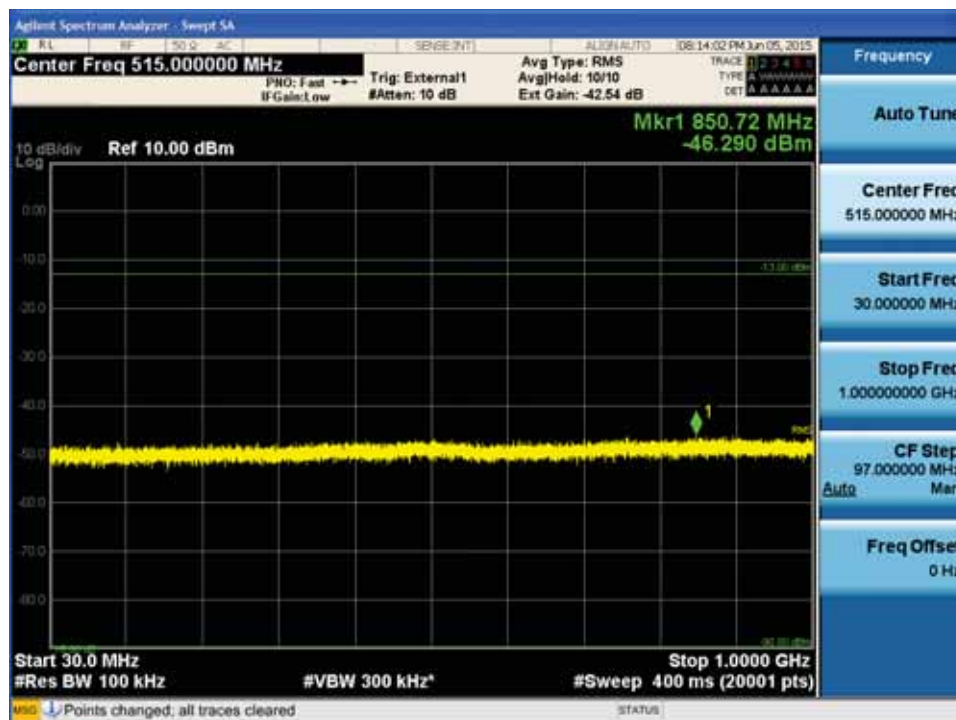


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

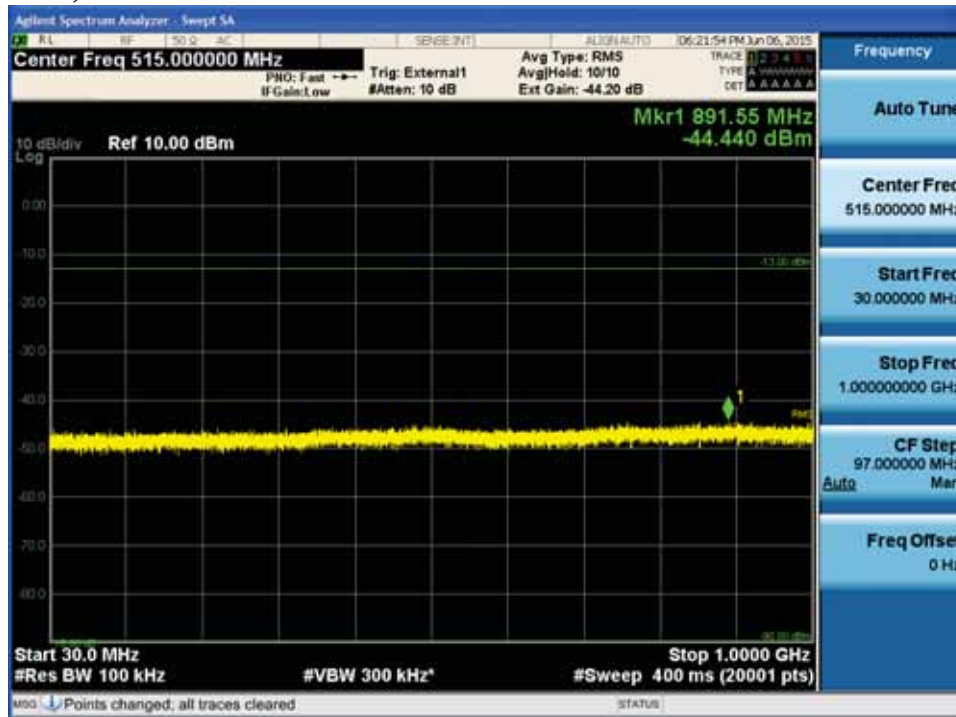


(3 GHz ~ 26.5 GHz)

(Band Edge High)



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



(30 MHz ~ 1 GHz)

(QPSK Low Channel)

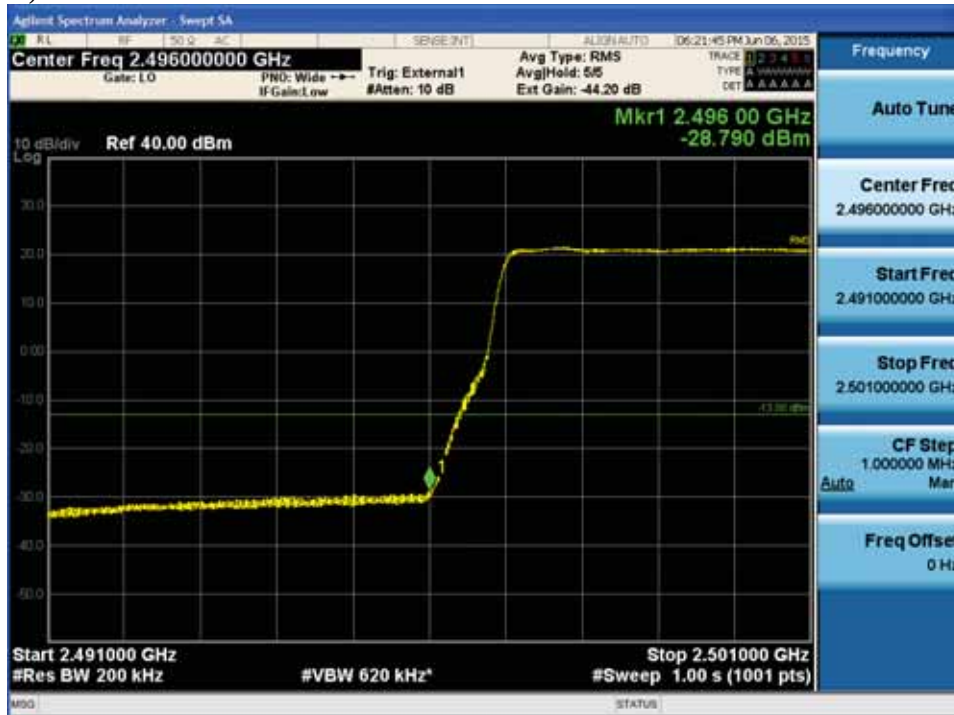


(1 GHz ~ 26.5 GHz)



(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)

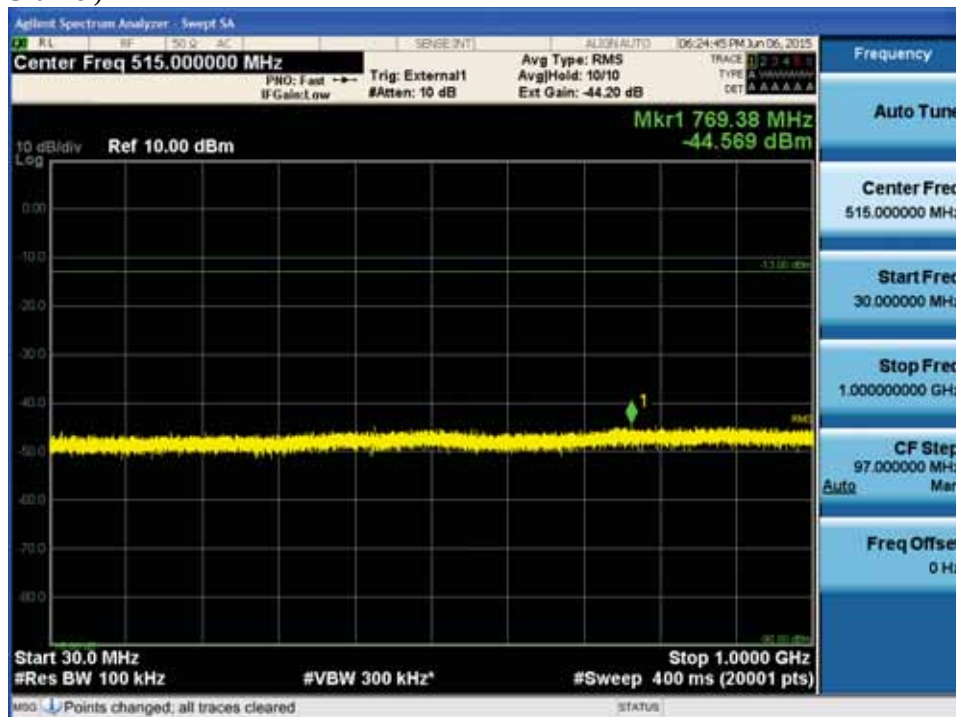


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

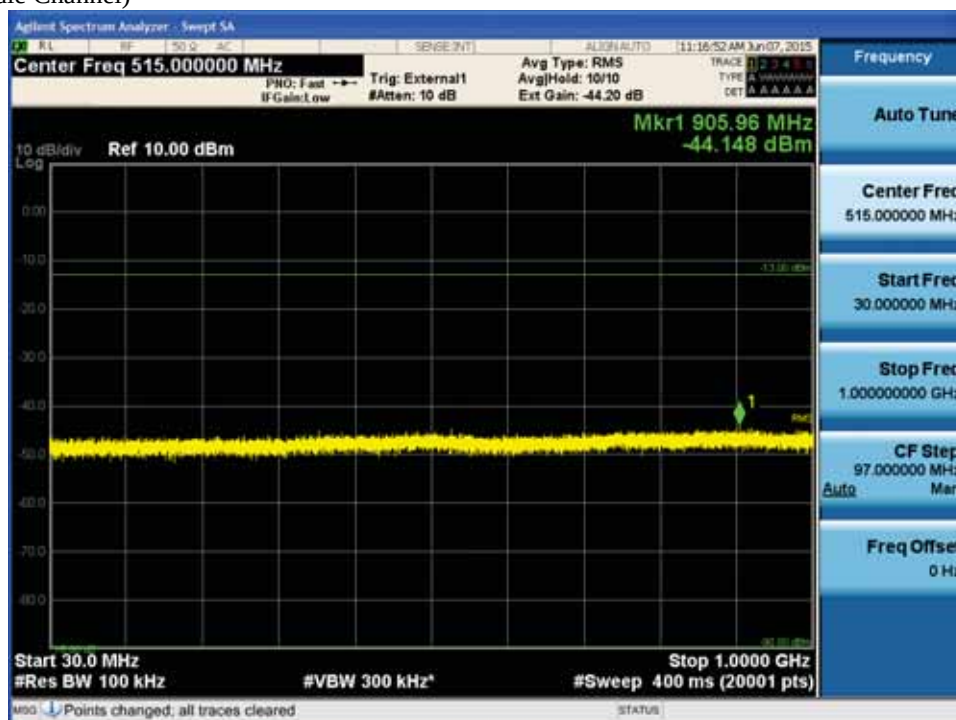


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

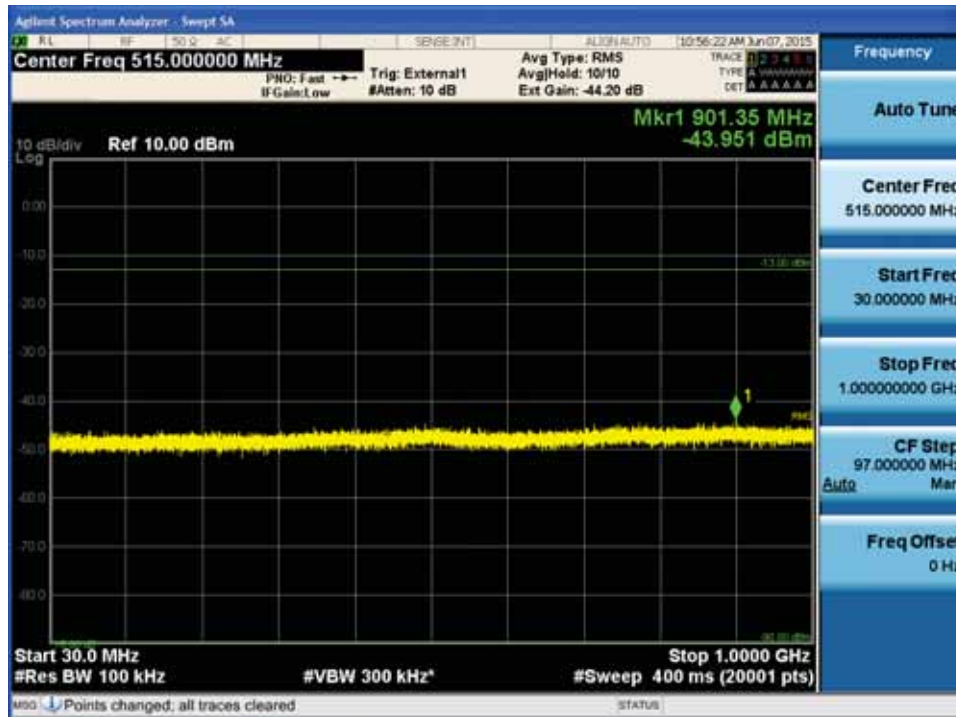


(1 GHz ~ 26.5 GHz)



(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)

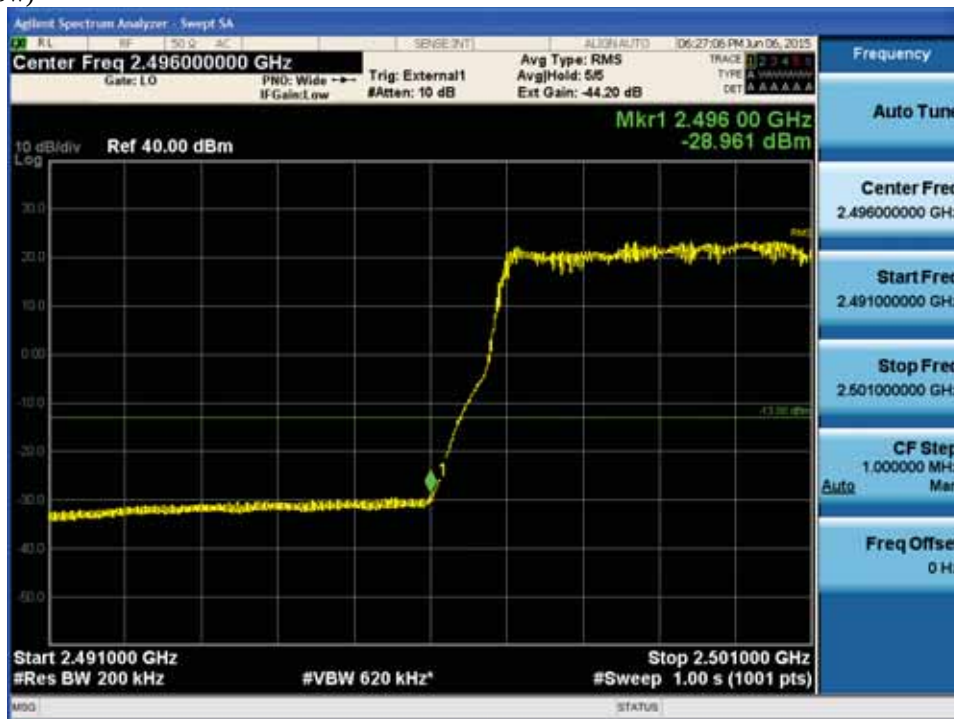


(1 GHz ~ 26.5 GHz)

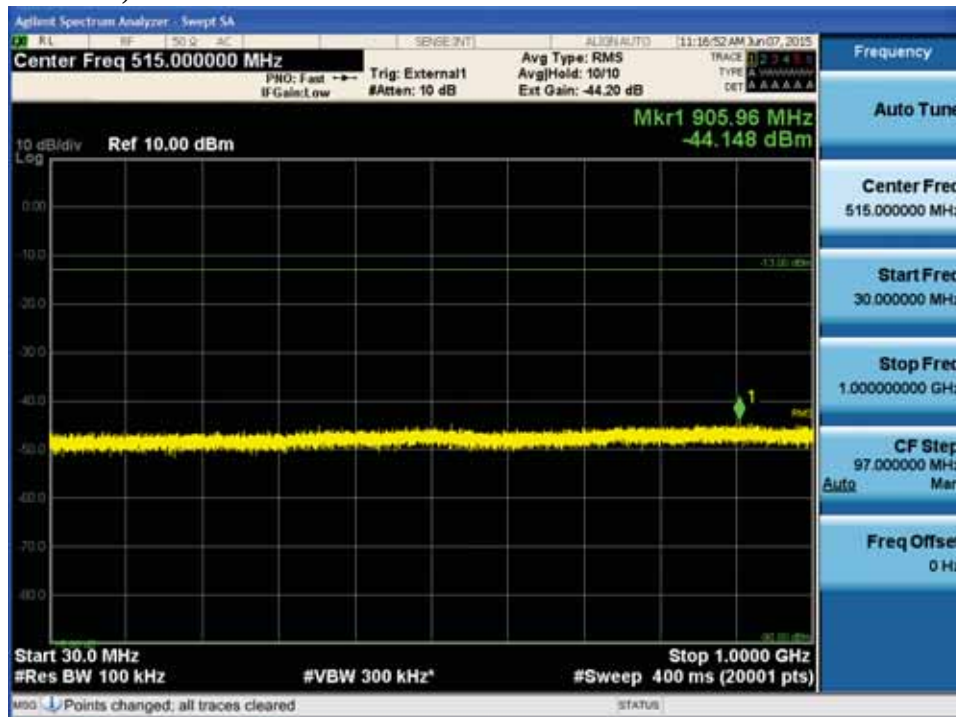


(3 GHz ~ 26.5 GHz)

(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)

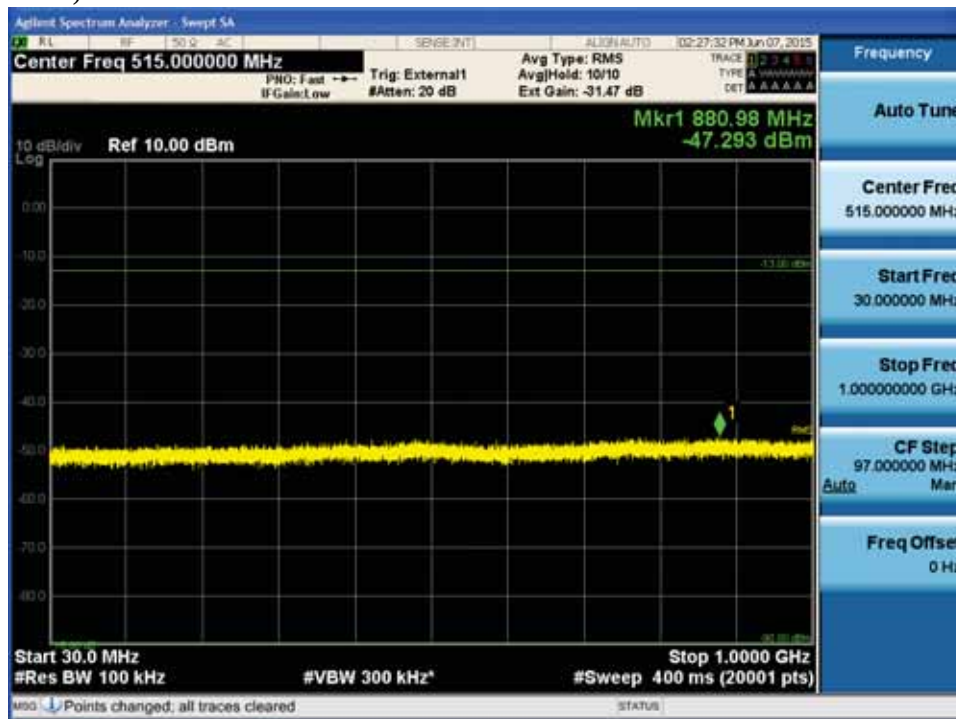


(3 GHz ~ 26.5 GHz)

(Band Edge High)



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



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

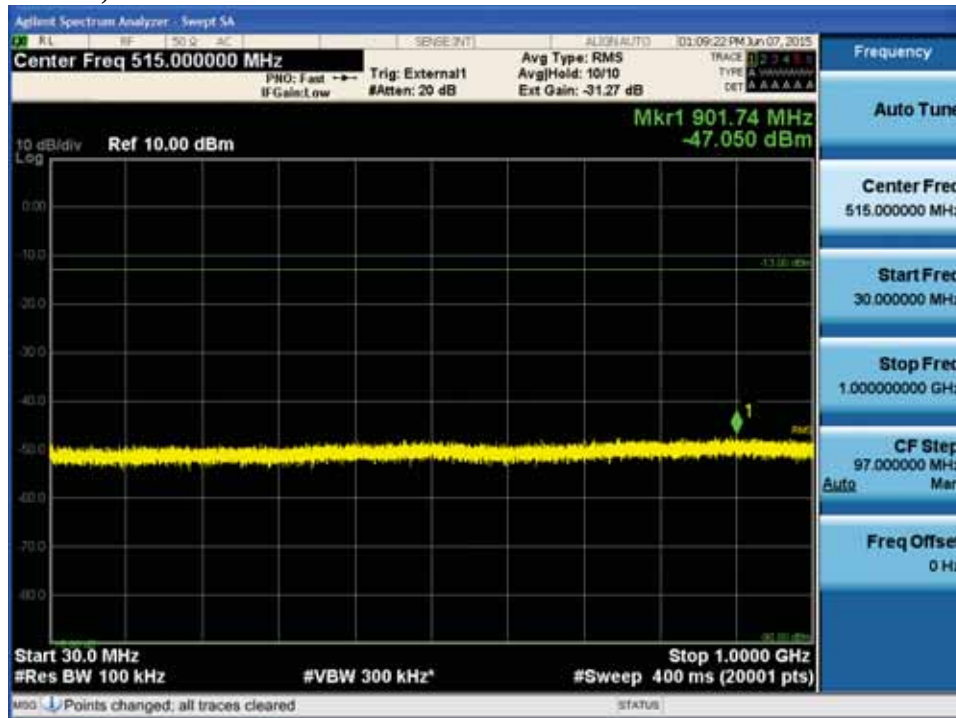


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(QPSK Middle Channel)



(30 MHz ~ 1 GHz)

(QPSK Middle Channel)

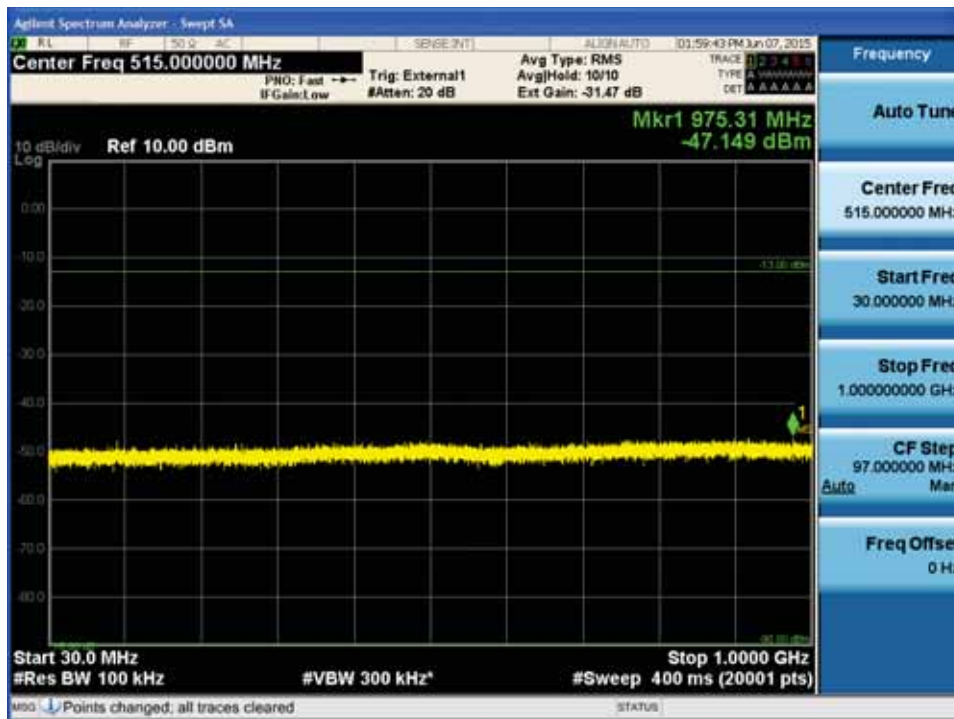


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

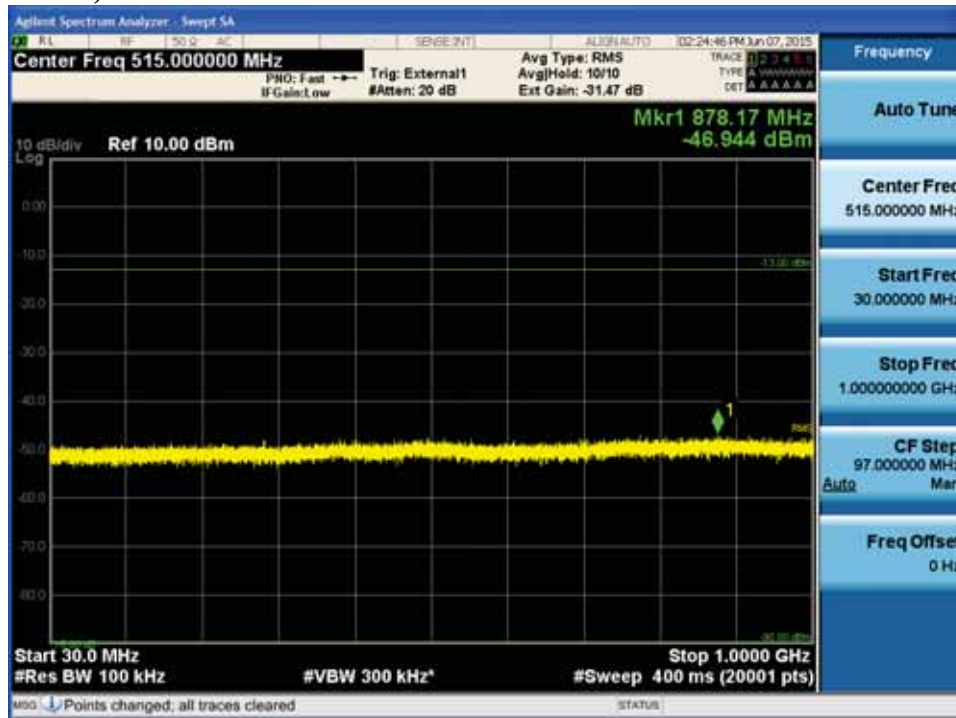


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

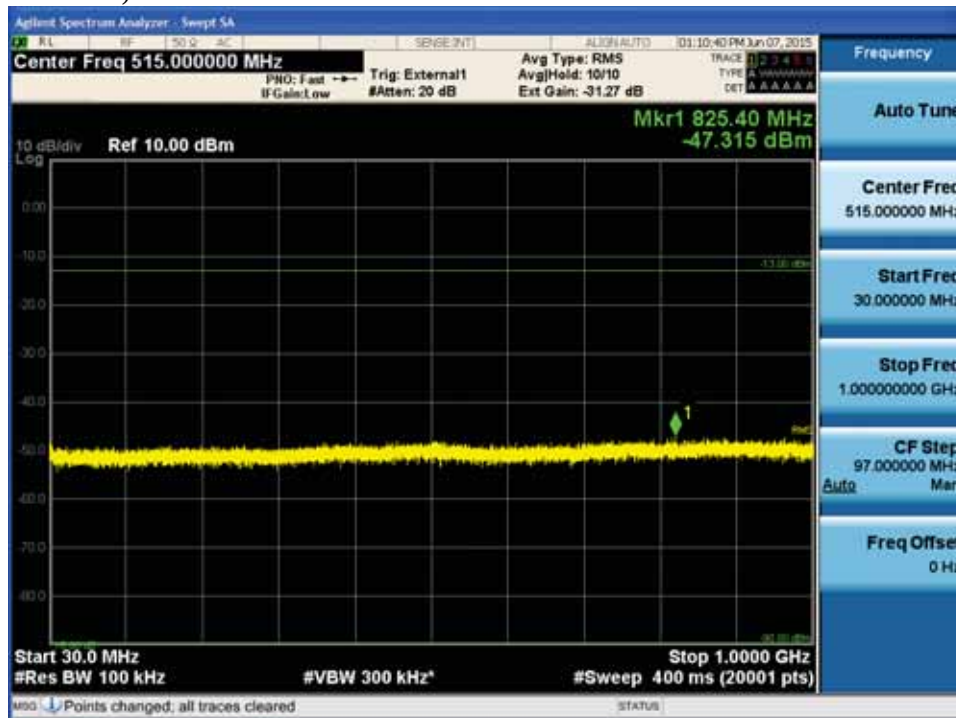


(3 GHz ~ 26.5 GHz)

(Band EdgeLow)



(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)

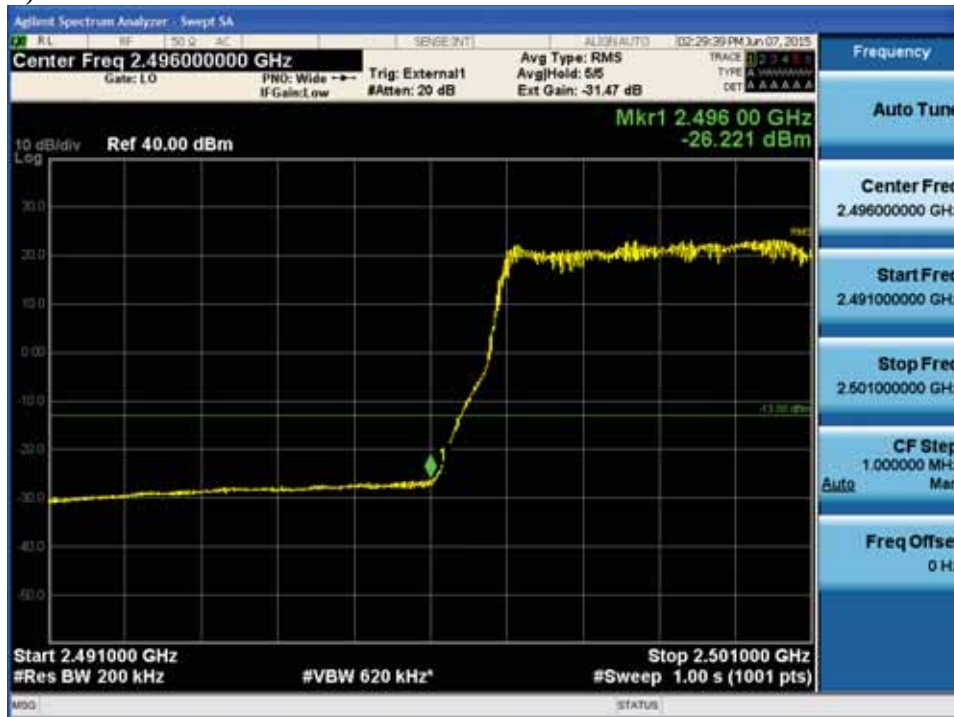


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

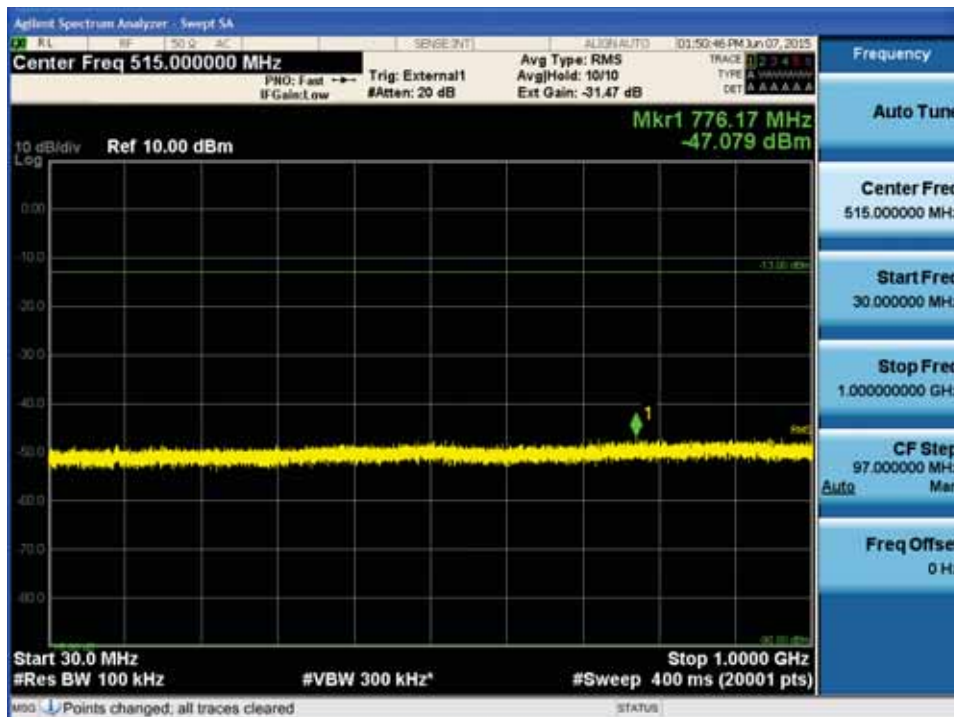


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(64QAM High Channel)



(30 MHz ~ 1 GHz)

(64QAM High Channel)



(1 GHz ~ 26.5 GHz)

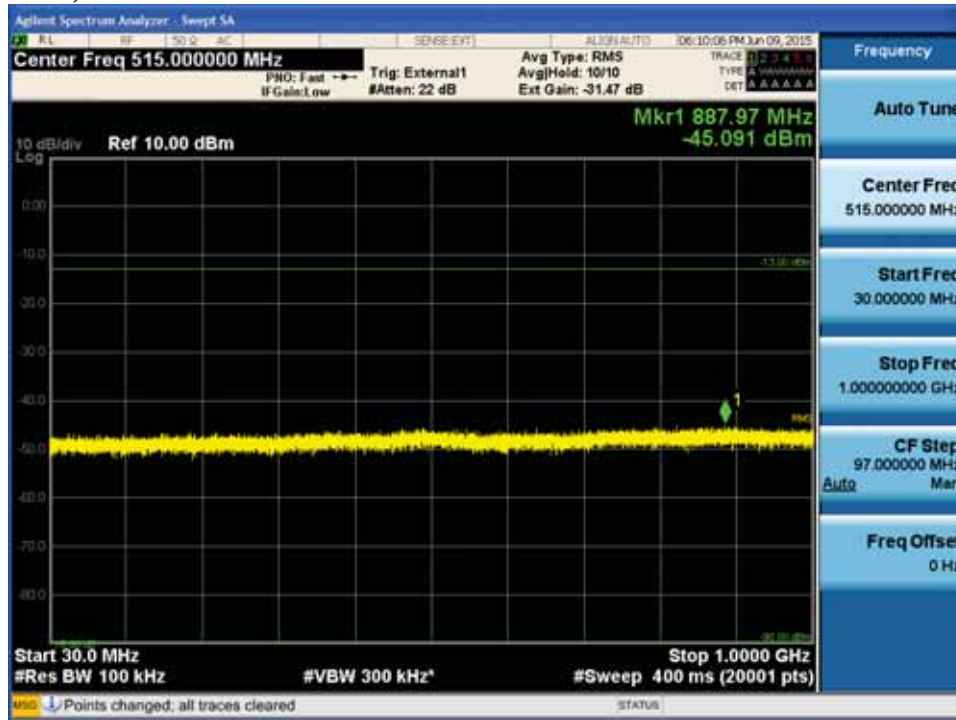


(3 GHz ~ 26.5 GHz)

(Band Edge High)



7.4.30. Test Data at Output Port 5
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)

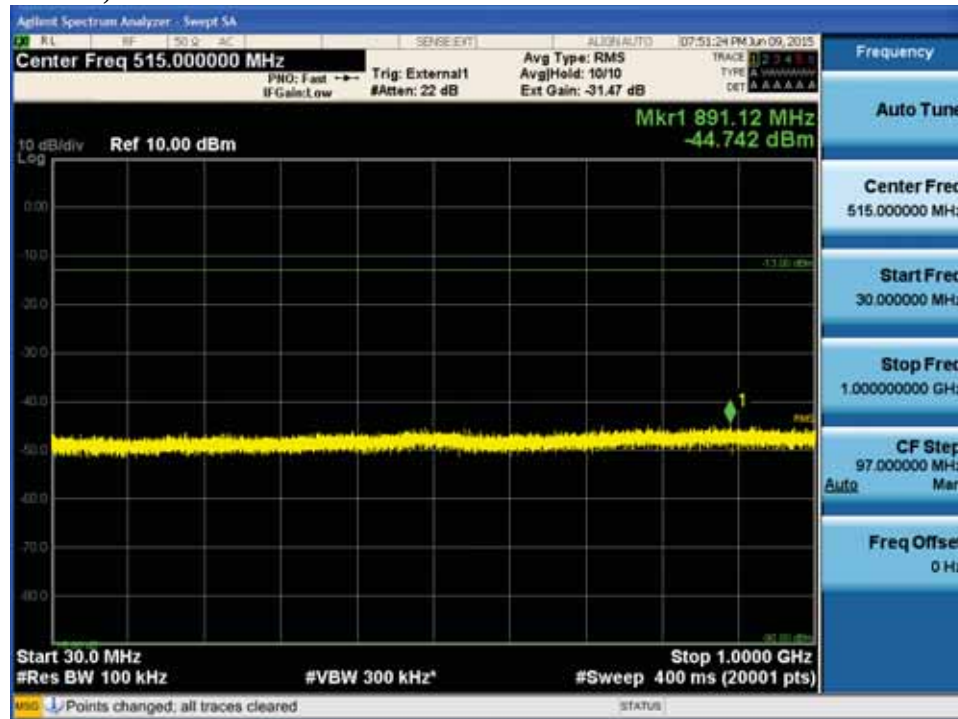


(3 GHz ~ 26.5 GHz)

(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)

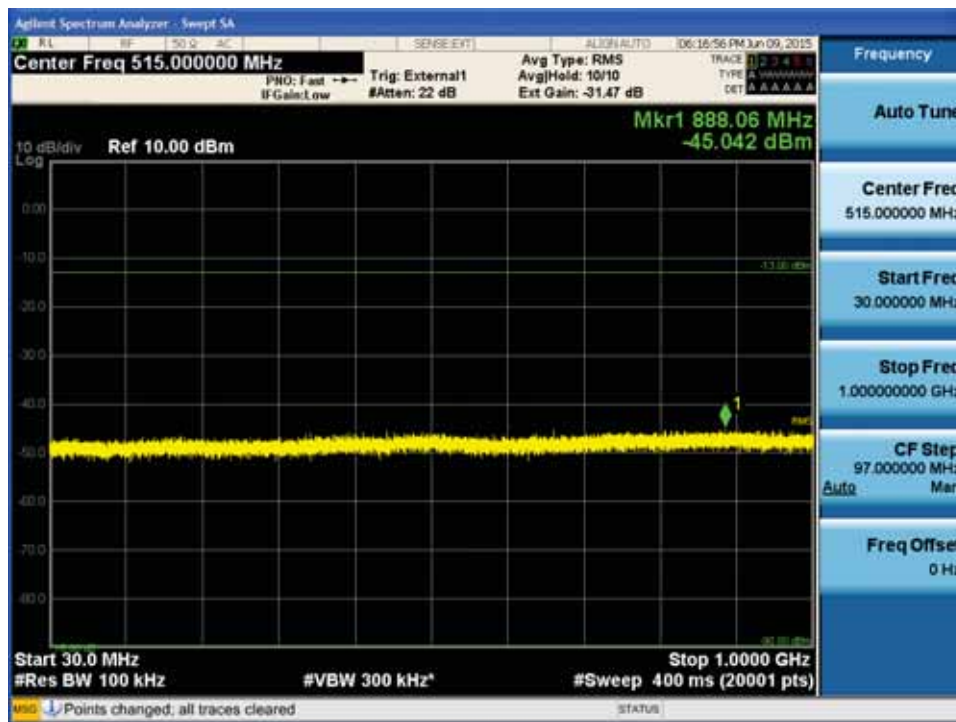


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

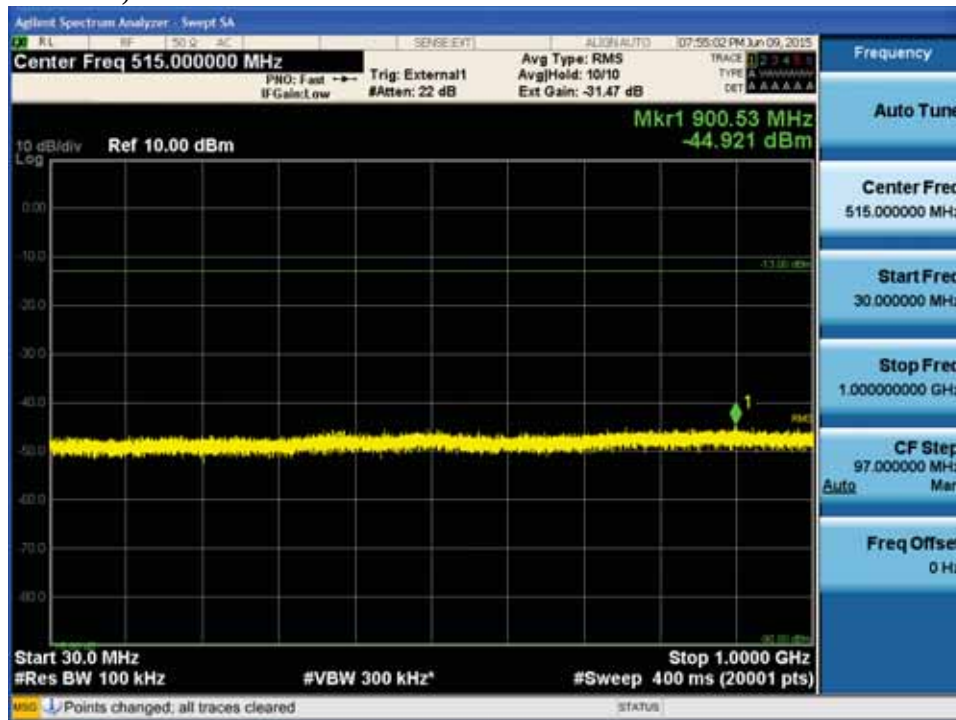


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

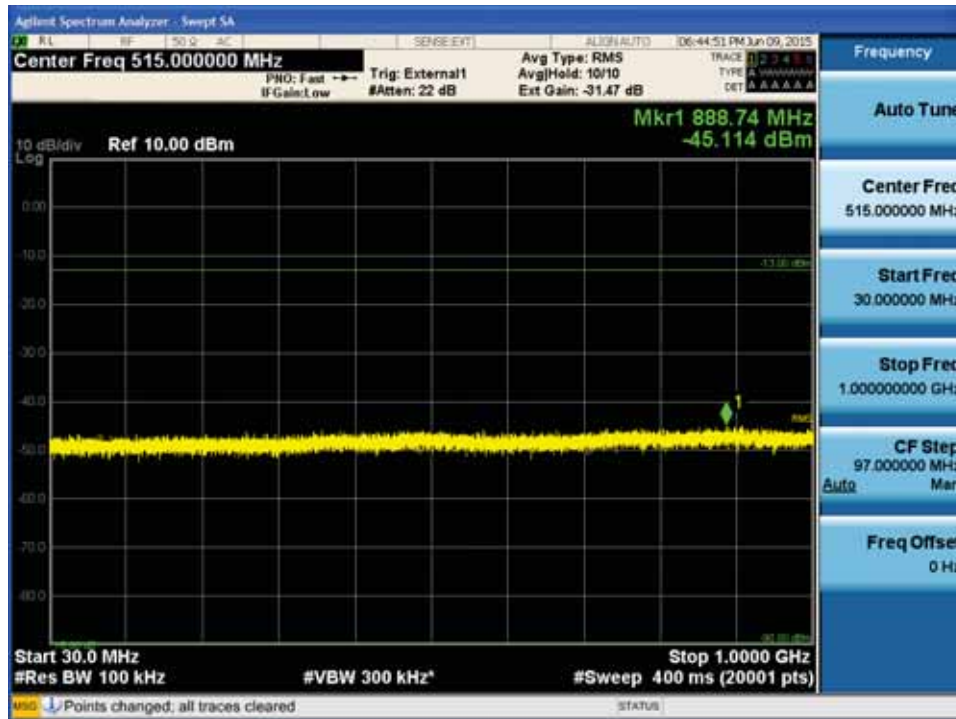


(1 GHz ~ 26.5 GHz)



(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)

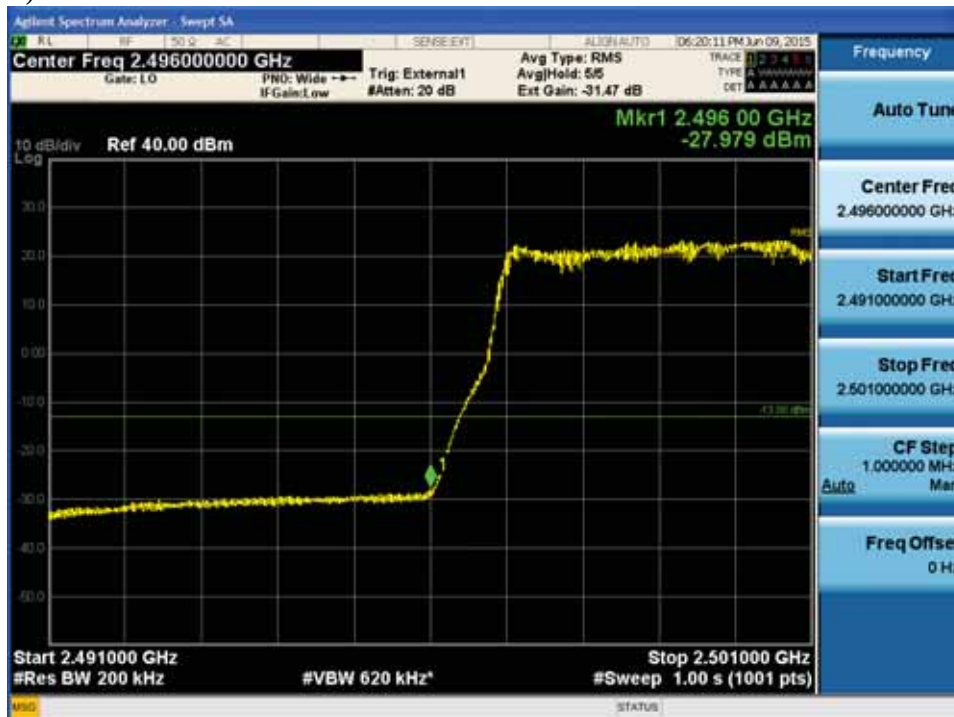


(1 GHz ~ 26.5 GHz)



(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)

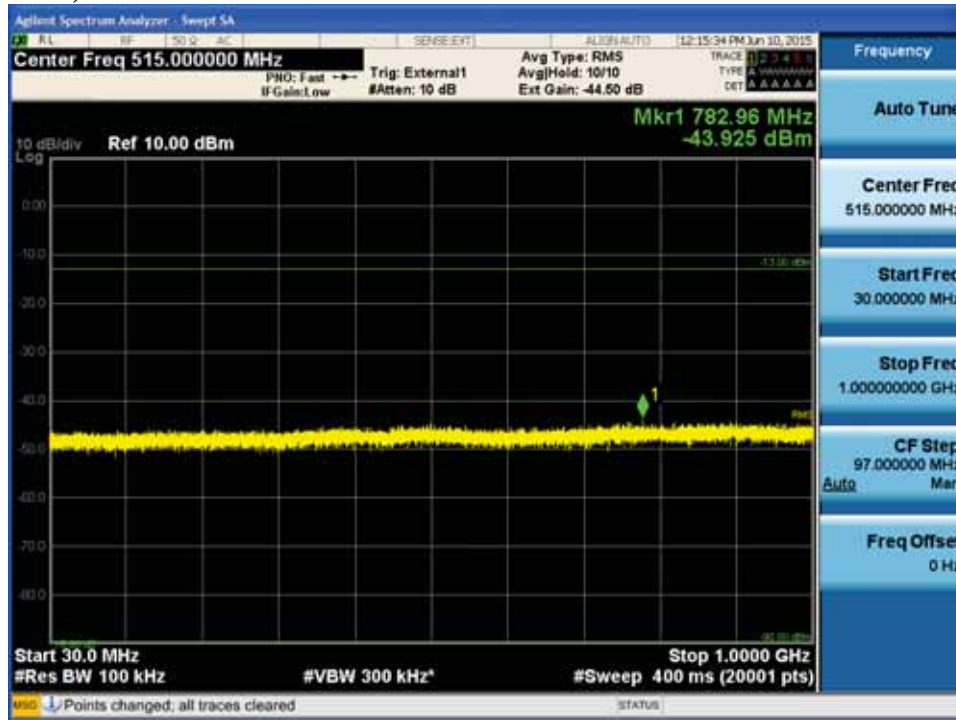


(3 GHz ~ 26.5 GHz)

(Band Edge High)



7.4.31. Test Data at Output Port 6
(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)

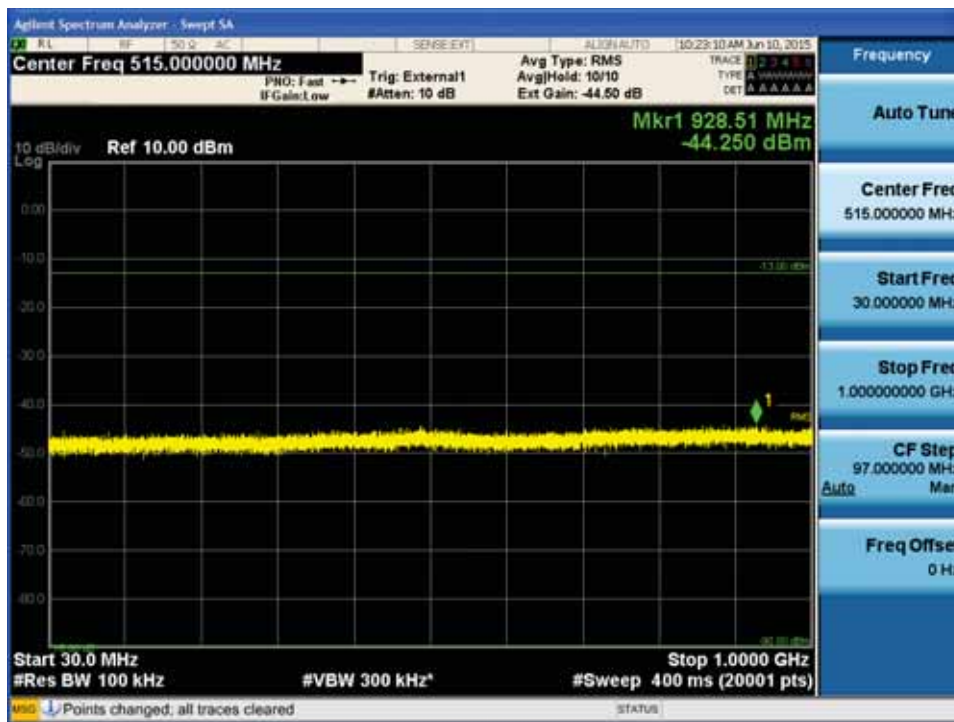


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(QPSK High Channel)



(30 MHz ~ 1 GHz)

(QPSK High Channel)



(1 GHz ~ 26.5 GHz)

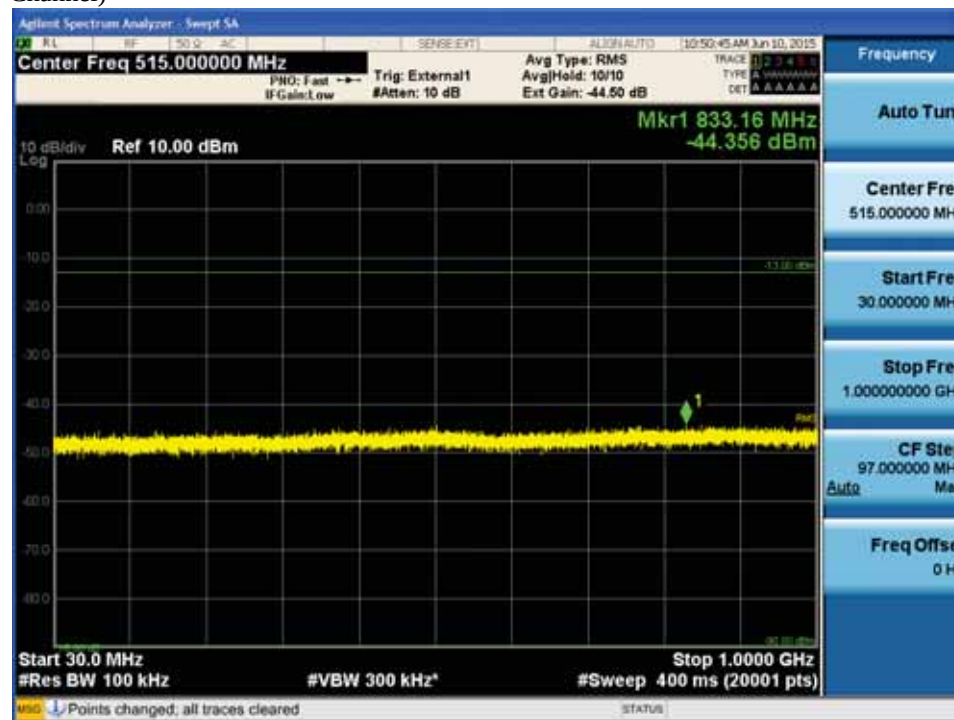


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(16QAM Low Channel)



(30 MHz ~ 1 GHz)

(16QAM Low Channel)



(1 GHz ~ 26.5 GHz)

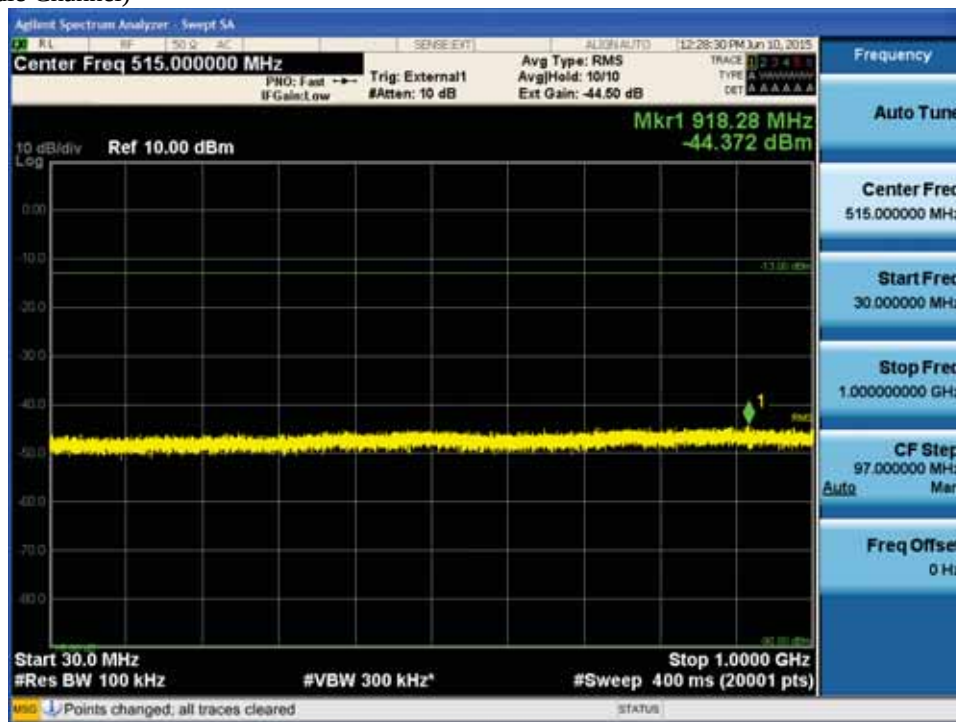


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(16QAM Middle Channel)



(30 MHz ~ 1 GHz)

(16QAM Middle Channel)

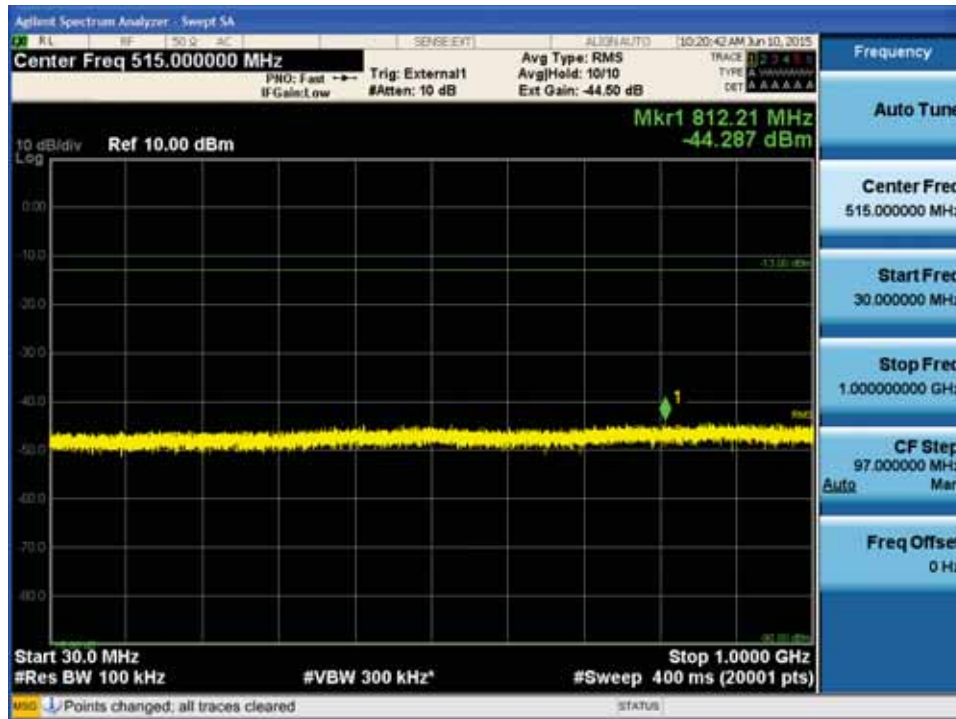


(1 GHz ~ 26.5 GHz)



(3 GHz ~ 26.5 GHz)

(16QAM High Channel)



(30 MHz ~ 1 GHz)

(16QAM High Channel)



(1 GHz ~ 26.5 GHz)

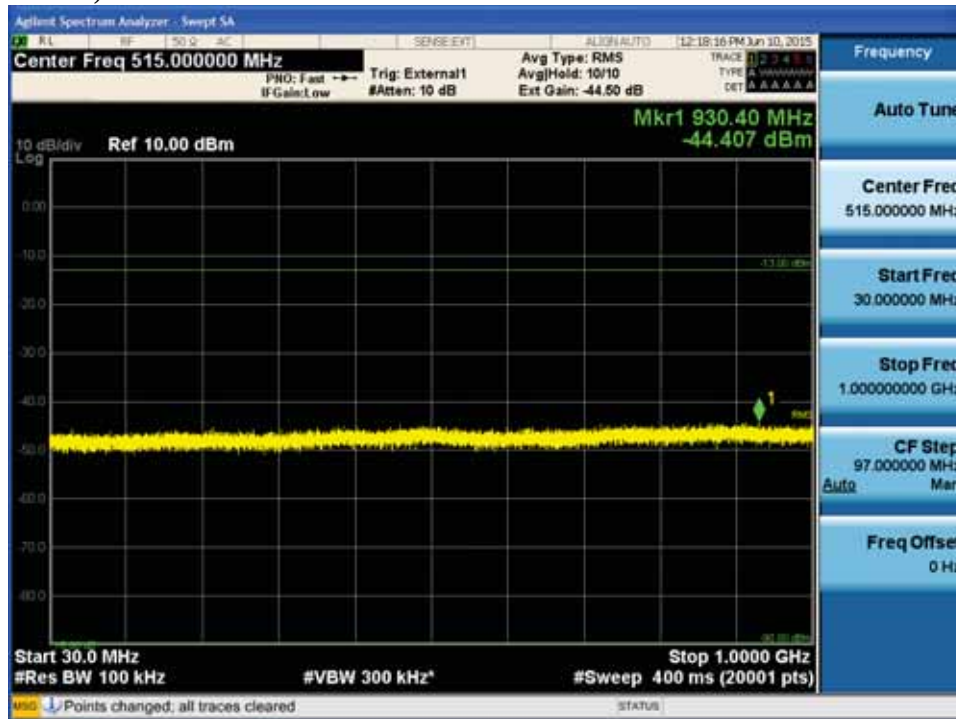


(3 GHz ~ 26.5 GHz)

(Band Edge High)



(64QAM Low Channel)



(30 MHz ~ 1 GHz)

(64QAM Low Channel)

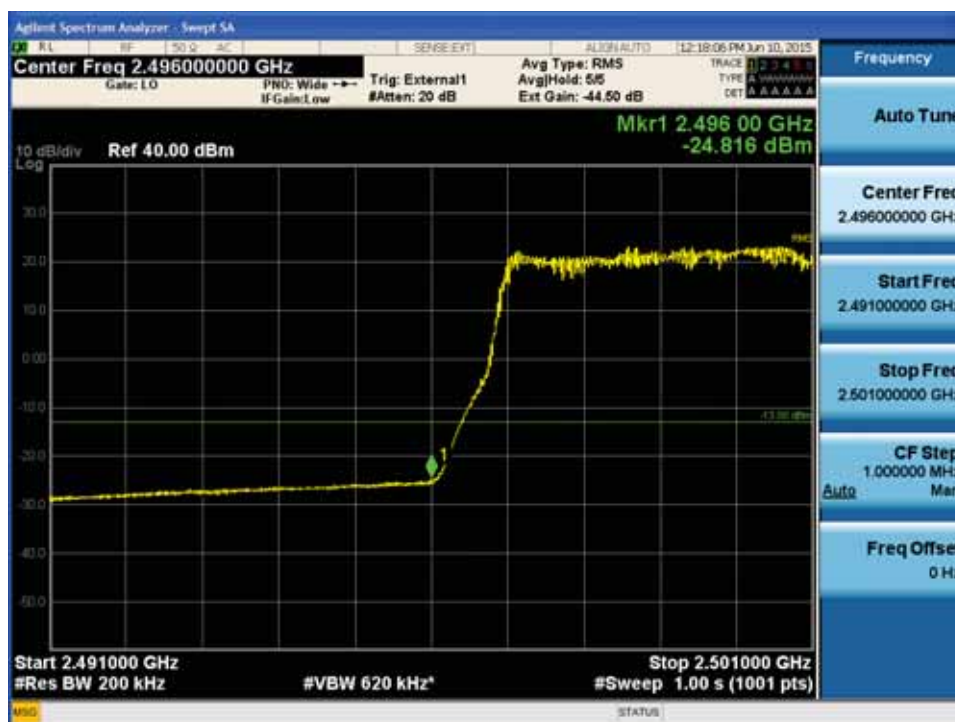


(1 GHz ~ 26.5 GHz)

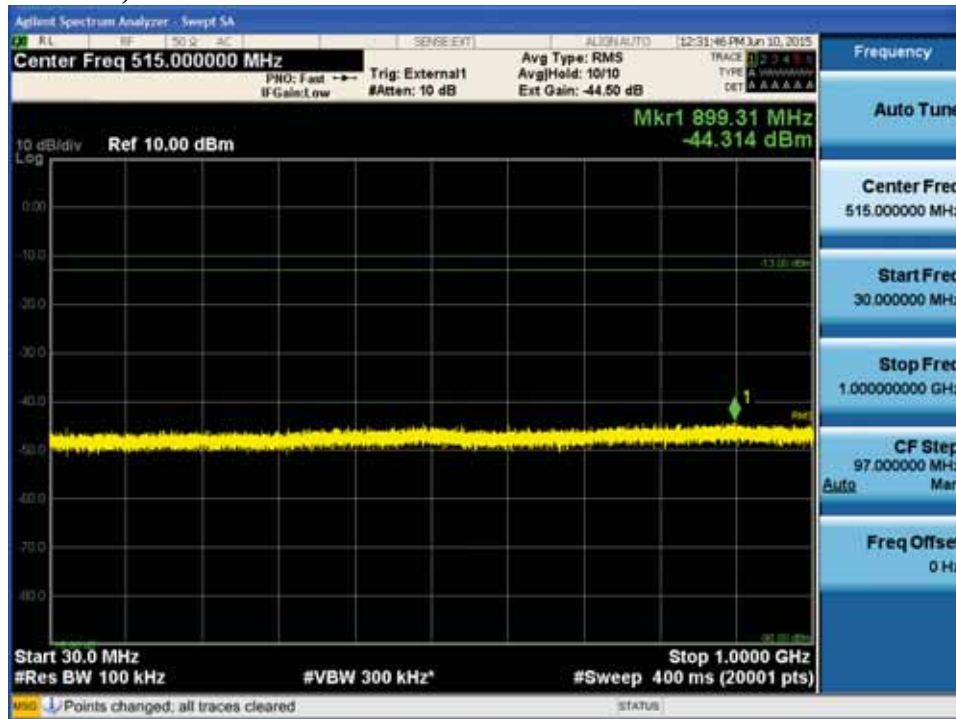


(3 GHz ~ 26.5 GHz)

(Band Edge Low)



(64QAM Middle Channel)



(30 MHz ~ 1 GHz)

(64QAM Middle Channel)

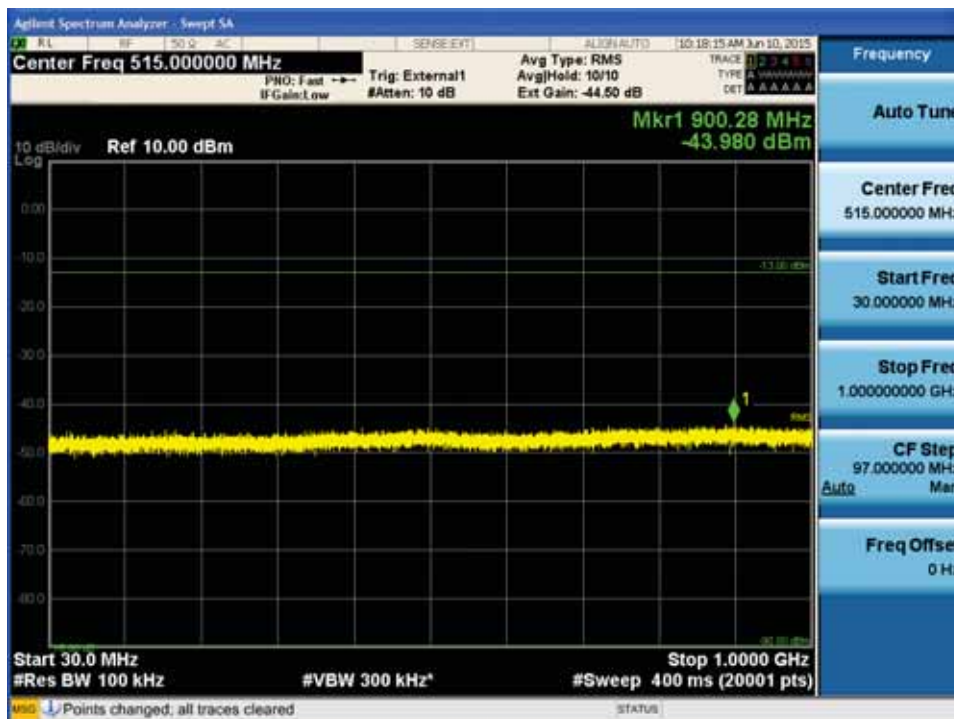


(1 GHz ~ 26.5 GHz)



(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 - Sweep SA

Center Freq 2.69000000 GHz

Gate: LO PRN: Wide IF Gain: Low Trig: External1 #Atten: 20 dB

Avg Type: RMS Avg/Hold: 5/5 Ext Gain: -44.50 dB

10 dB/div Log Ref 40.00 dBm

Mkr1 2.690 00 GHz -27.531 dBm

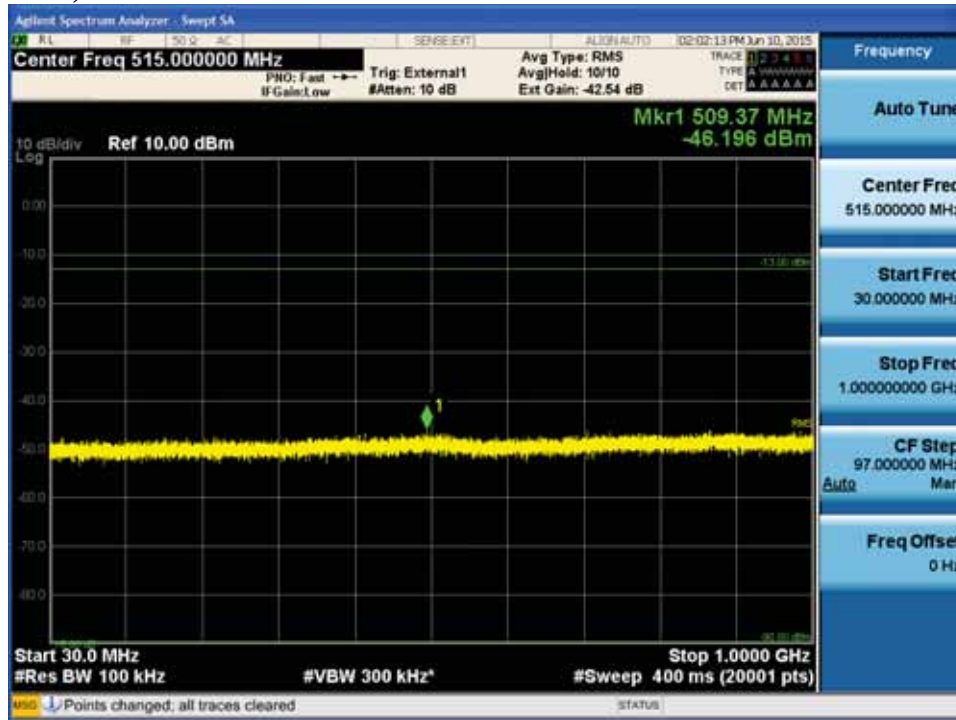
Start 2.685000 GHz #Res BW 200 kHz #VBW 620 kHz* #Sweep 1.00 s (1001 pts)

Stop 2.695000 GHz

CF Step 1.000000 MHz

Freq Offset 0 Hz

7.4.32. Test Data at Output Port 7
(QPSK Low Channel)



(30 MHz ~ 1 GHz)

(QPSK Low Channel)



(1 GHz ~ 26.5 GHz)