

Appendix A

Modulation Characteristic Measurement

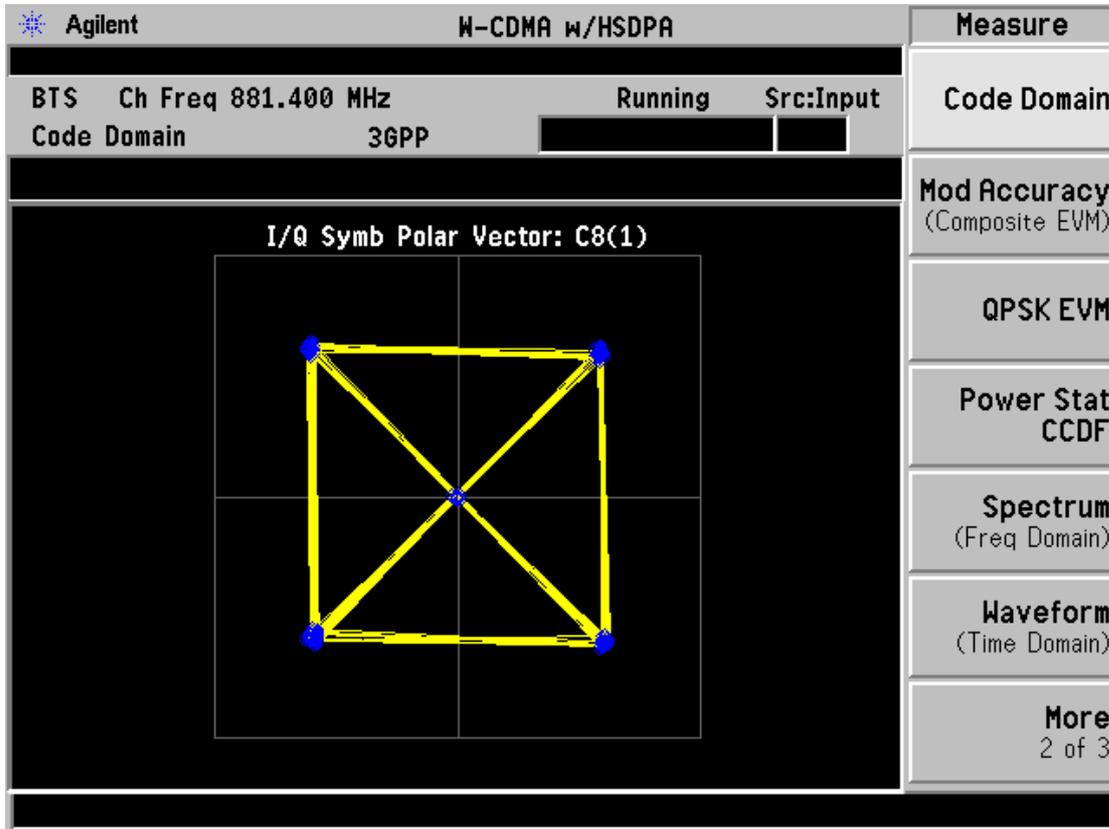
According to CFR 47 (FCC) part 2.1047

Measurement Result

QPSK:

Channel 4407

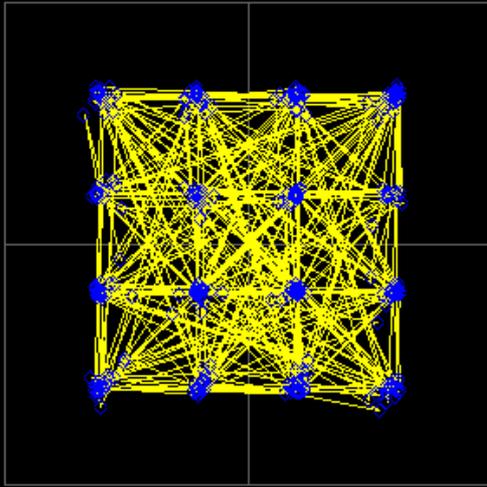
Agilent		W-CDMA w/HSDPA		Measure
BTS	Ch Freq 881.400 MHz	Completed	Src:Input	Code Domain
Mod Accuracy	3GPP	Averages: 1	PASS	Mod Accuracy (Composite EVM)
<p>Rho: 0.99153</p> <p>EVM: 9.24 % rms 111.05 % pk</p> <p>Pk CDE: -40.74 dB at C8(40)</p> <p>Pk Active CDE: -38.85 dB at C7(9)</p> <p>Magnitude Error: 8.81 % rms</p> <p>Phase Error: 5.32 ° rms</p> <p>Freq Error: -11.28 Hz</p> <p>I/Q Origin Offset: -54.78 dB</p> <p>Time Offset: 3745.72 chip</p>				QPSK EVM
				Power Stat CCDF
				Spectrum (Freq Domain)
				Waveform (Time Domain)
				More 2 of 3



16QAM:

Channel 4407

Agilent		W-CDMA W/HSDPA		Measure
BTS	Ch Freq 881.400 MHz	Completed	Src:Input	Code Domain
Mod Accuracy	3GPP	Averages: 3	PASS	Mod Accuracy (Composite EVM)
<p>Rho: 0.99123</p> <p>EVM: 9.41 % rms 109.77 % pk</p> <p>Pk CDE: -40.80 dB at C8(106)</p> <p>Pk Active CDE: -38.34 dB at C7(53)</p> <p>Magnitude Error: 8.91 % rms</p> <p>Phase Error: 4.97 ° rms</p> <p>Freq Error: -11.23 Hz</p> <p>I/Q Origin Offset: -58.04 dB</p> <p>Time Offset: 3748.39 chip</p>				QPSK EVM
				Power Stat CCDF
				Spectrum (Freq Domain)
				Waveform (Time Domain)
				More 2 of 3

Agilent		W-CDMA w/HSDPA		Measure	
BTS Ch Freq 881.400 MHz		Completed Src:Input		Code Domain	
Code Domain 3GPP				Mod Accuracy (Composite EVM)	
<p>I/Q Symb Polar Vector: C4(4)</p> 				QPSK EVM	
				Power Stat CCDF	
				Spectrum (Freq Domain)	
				Waveform (Time Domain)	
				More 2 of 3	