



















### Application Note (continued)

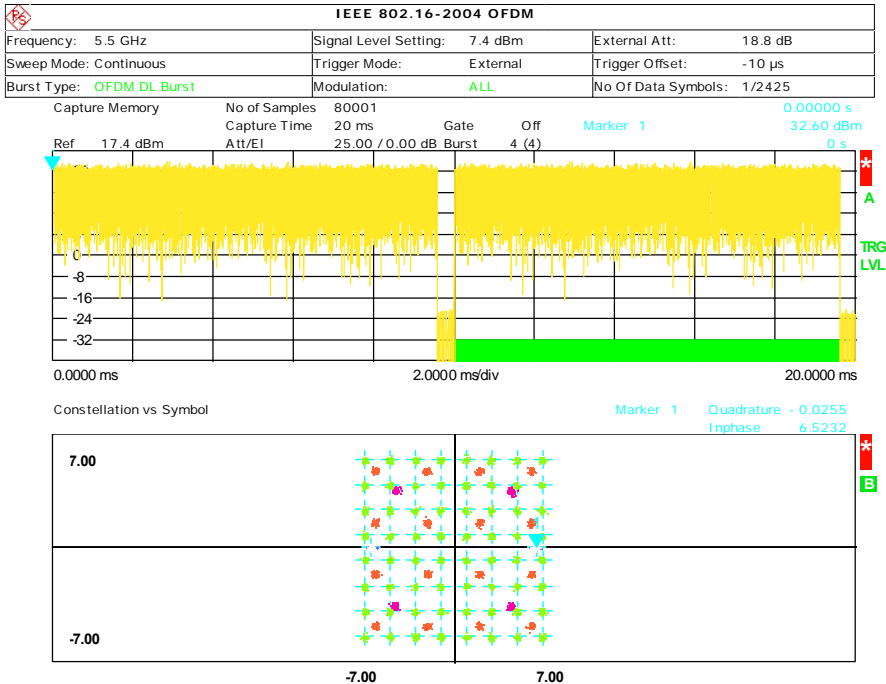


Figure 10

WiMax constellation  $P_{avg}=27$  dBm at 5.5 GHz for 2.0% EVM for all carriers.

The test pattern is 256 carriers and modulations are QPSK, 16QAM and 64 QAM.

The signal power versus time is shown in yellow.

The constellation shown represents QPSK, 16QAM and 64 QAM.

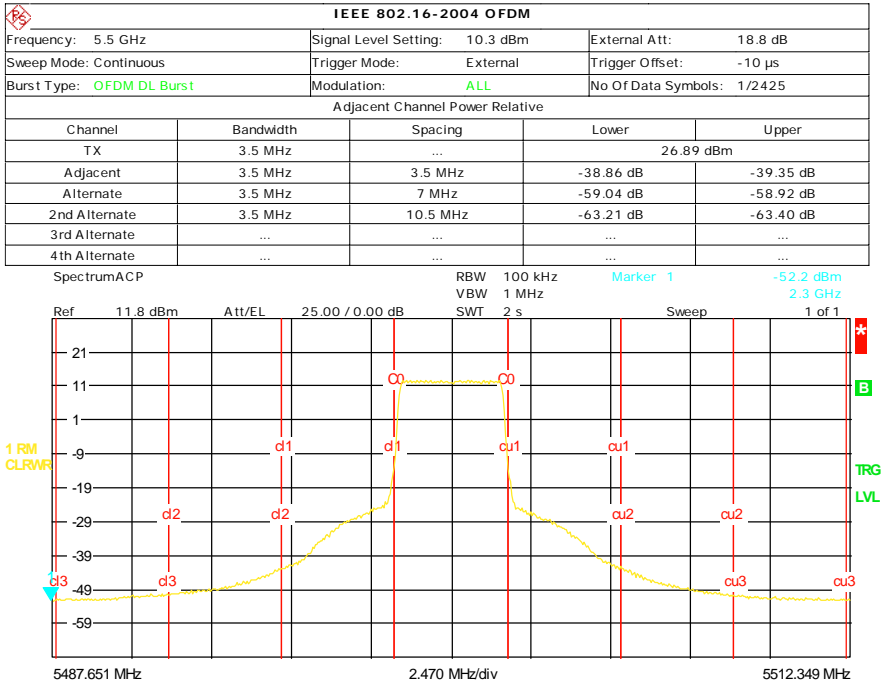


Figure 11

ACPR at  $P_{avg}=27$  dBm at 5.5 GHz. The channel bandwidth is 3.5 MHz. The first adjacent channel ratio is -39 dBc; the second channel ratio is -59 dBc.