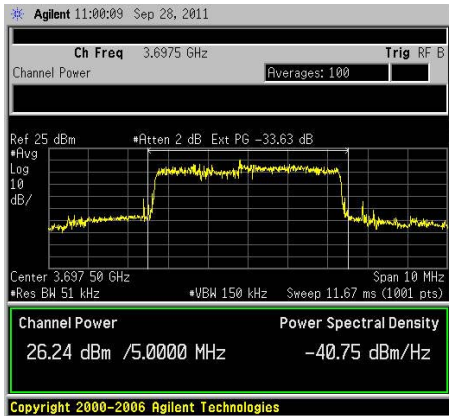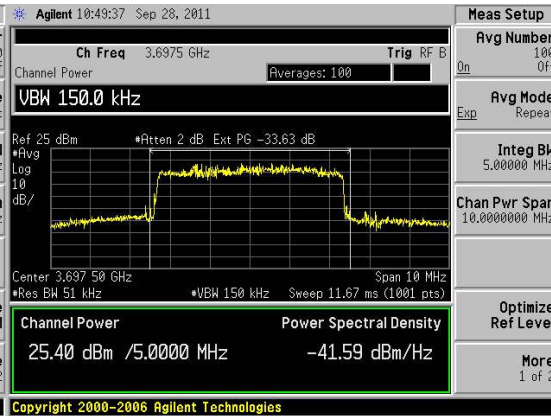APPENDIX A: POWER OUTPUT SPECTRUM ANALYZER PLOTS

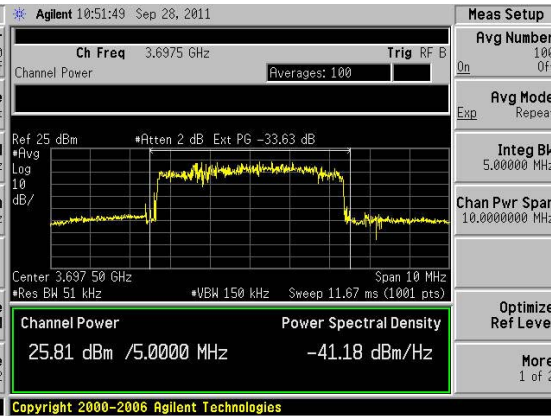POWER OUTPUT SPECTRUM ANALYZER PLOTS: QPSK 5 MHZ
30 dBm setting

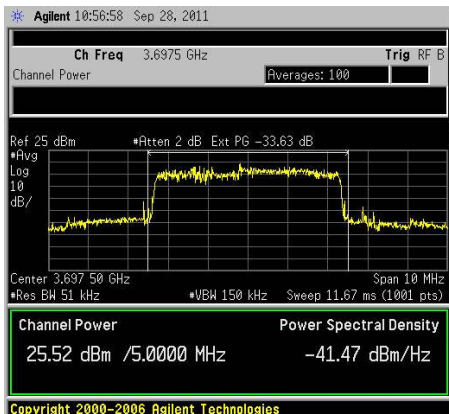Chain 1

Chain 2

Chain 3

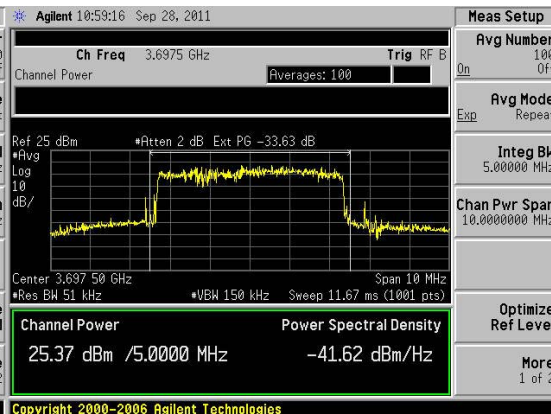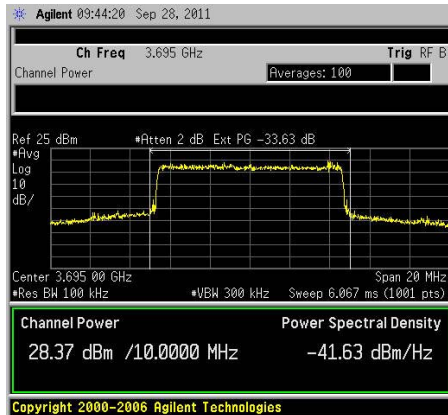Chain 4

Chain 5

Chain 6
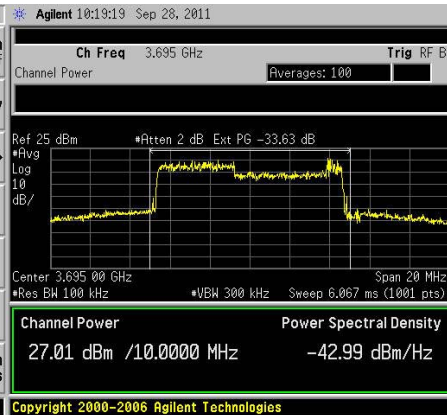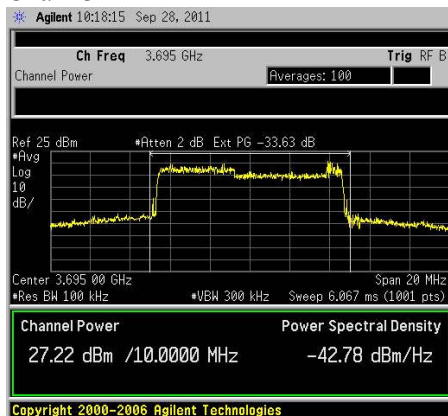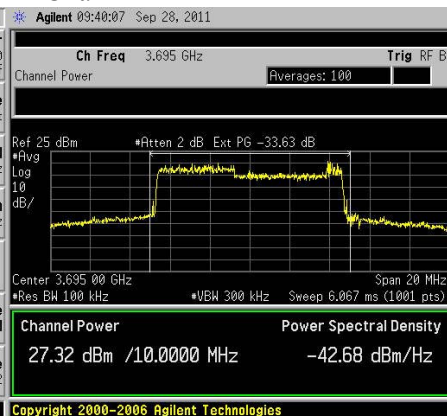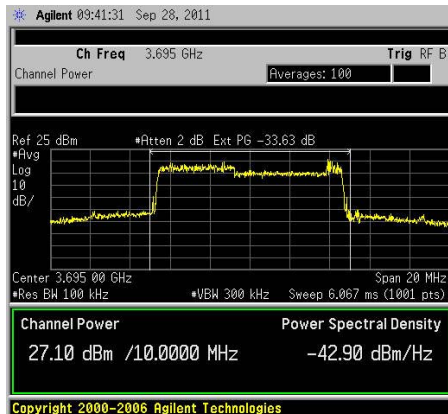
 POWER OUTPUT SPECTRUM ANALYZER PLOTS: QPSK 10 MHZ EBW

33 dBm setting

Chain 1

Chain Power 28.37 dBm /10.0000 MHz   **Power Spectral Density** −41.63 dBm/Hz

Chain 2

Channel Power 27.01 dBm /10.0000 MHz   **Power Spectral Density** −42.99 dBm/Hz

Chain 3

Channel Power 27.22 dBm /10.0000 MHz   **Power Spectral Density** −42.78 dBm/Hz

Chain 4

Channel Power 27.32 dBm /10.0000 MHz   **Power Spectral Density** −42.68 dBm/Hz

Chain 5

Channel Power 27.10 dBm /10.0000 MHz   **Power Spectral Density** −42.90 dBm/Hz

Chain 6

Channel Power 29.04 dBm /10.0000 MHz   **Power Spectral Density** −40.96 dBm/Hz

3.65 GHz Fixed Wireless Transceiver
FCC ID: XN3-QUANTUM6636   IC: 8974A-QUANTUM6636
POWER OUTPUT SPECTRUM ANALYZER PLOTS: 16QAM 5 MHZ EBW
30 dBm setting

Chain 1   Chain 2
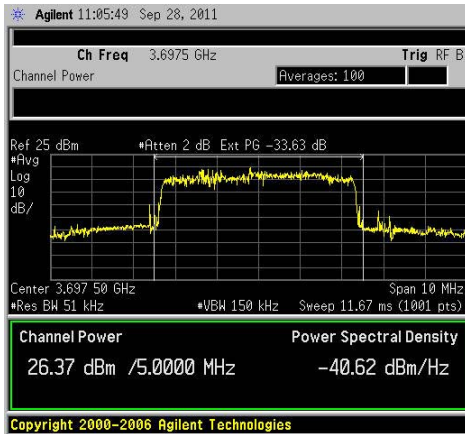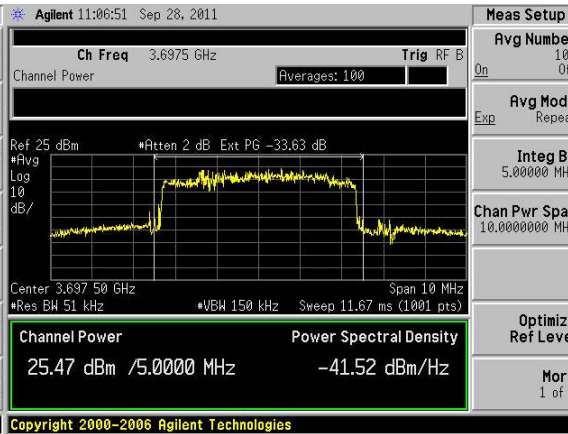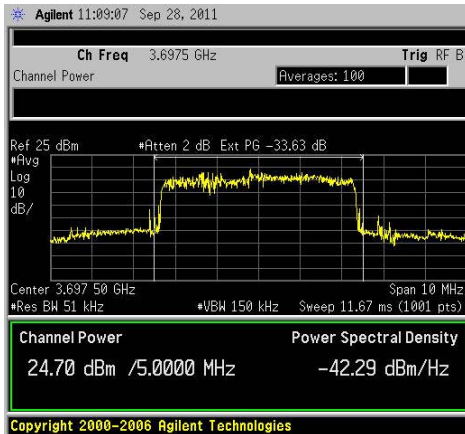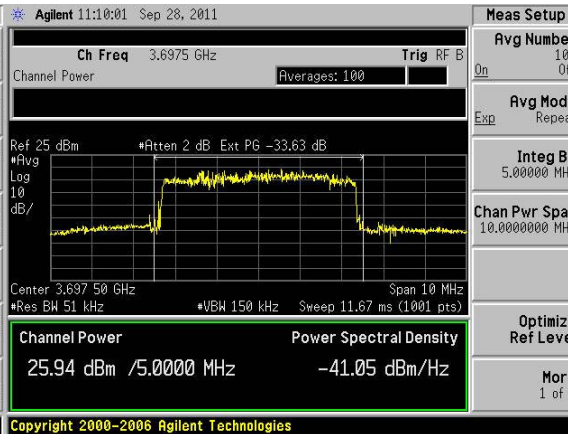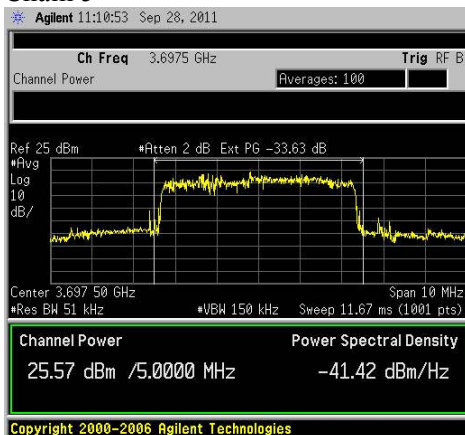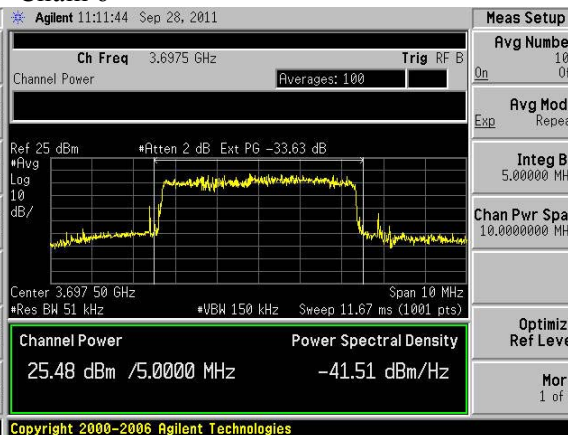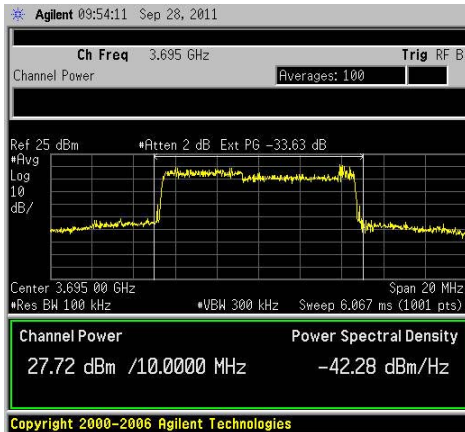

Chain 3   Chain 4

Chain 5   Chain 6

3.65 GHz Fixed Wireless Transceiver
FCC ID: XN3-QUANTUM6636   IC: 8974A-QUANTUM6636
POWER OUTPUT SPECTRUM ANALYZER PLOTS: 16QAM 10 MHZ EBW
33 dBm setting

Chain 1   Chain 2

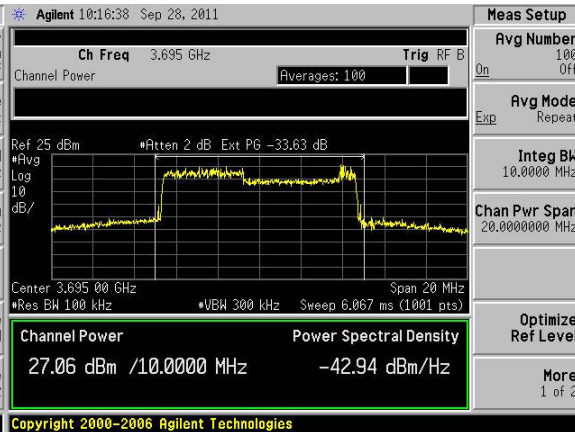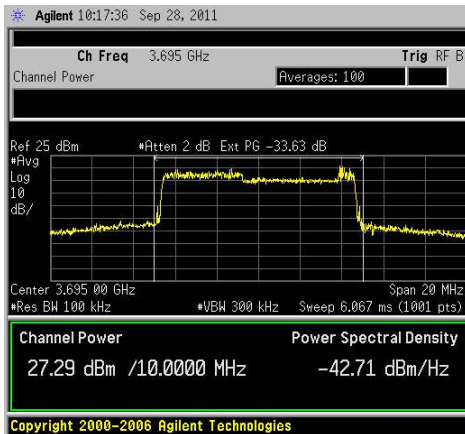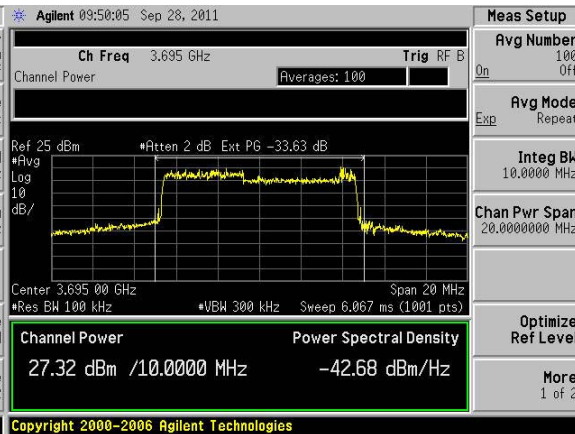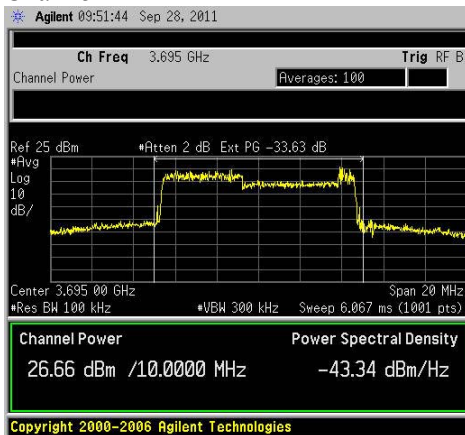Chain 3   Chain 4
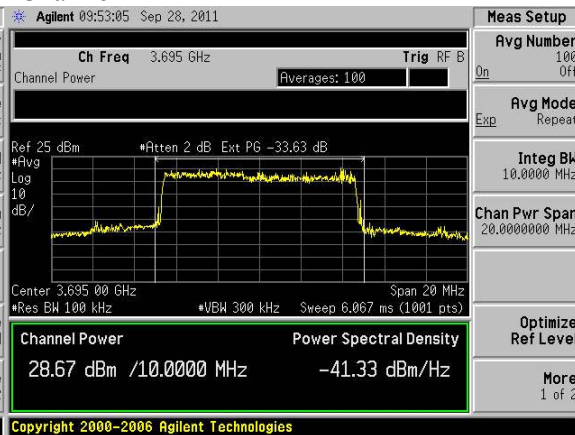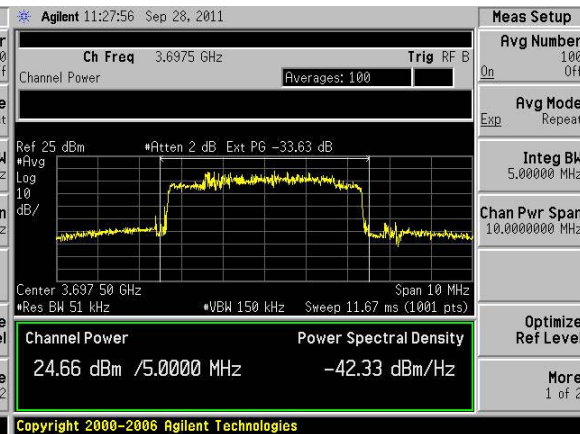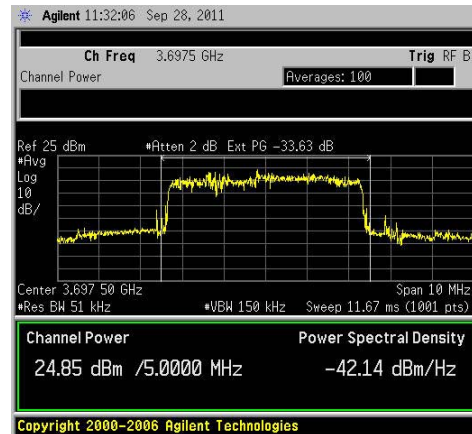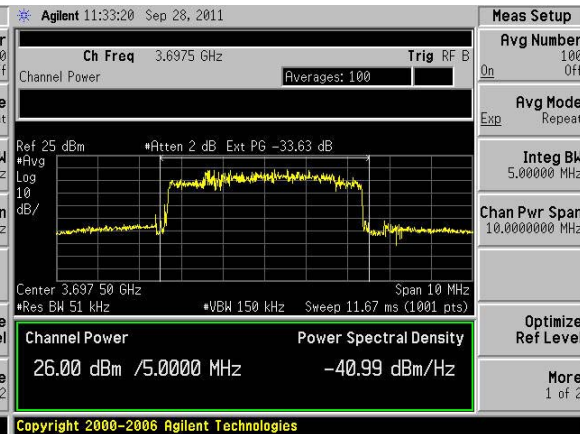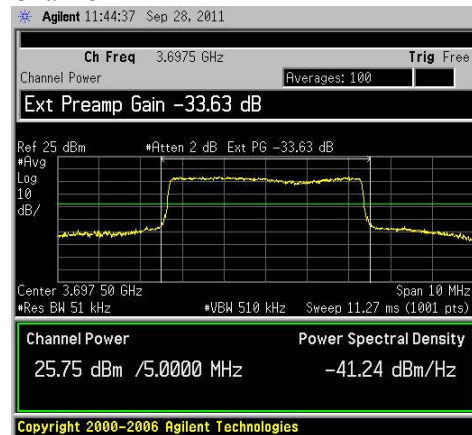

Chain 5   Chain 6

POWER OUTPUT SPECTRUM ANALYZER PLOTS: 64QAM 5 MHZ EBW
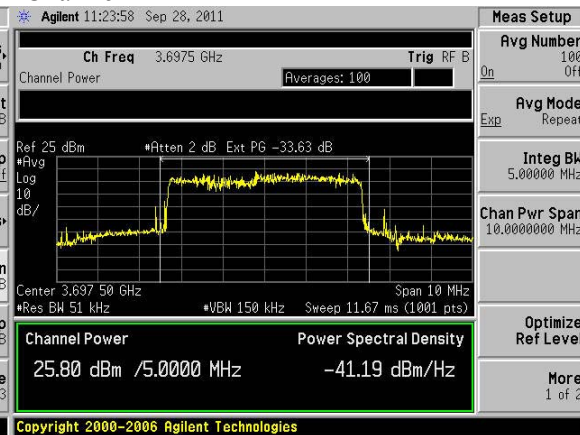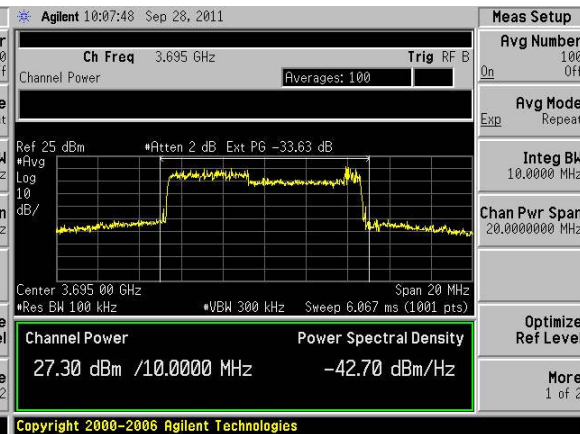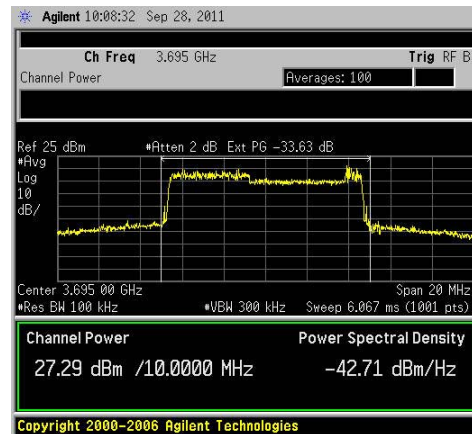
30 dBm setting

Chain 1

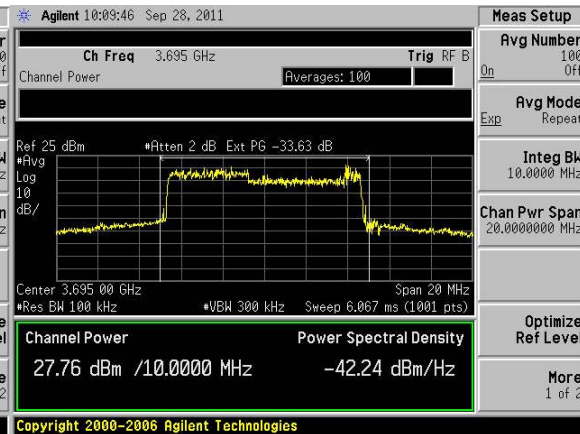
Chain 2

Chain 3

Chain 4

Chain 5

Chain 6

3.65 GHz Fixed Wireless Transceiver
FCC ID: XN3-QUANTUM6636
IC: 8974A-QUANTUM6636

POWER OUTPUT SPECTRUM ANALYZER PLOTS: 64QAM 10 MHZ EBW
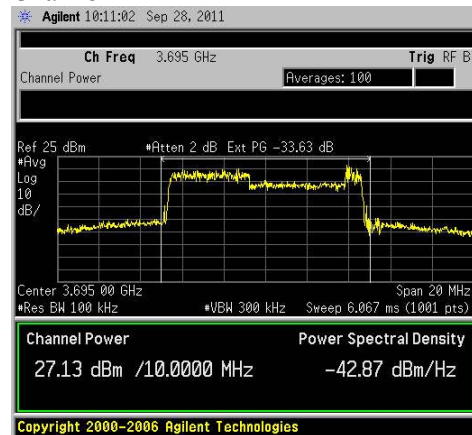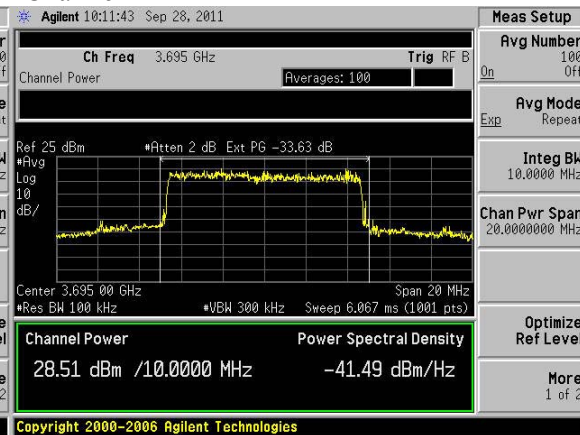33 dBm setting

Chain 1

Chain 2

Chain 3

Chain 4

Chain 5

Chain 6

APPENDIX B
PSD SPECTRUM ANALYZER PLOTS: QPSK 5 MHZ EBW
30 dBm power setting

Chain 1   Chain 2

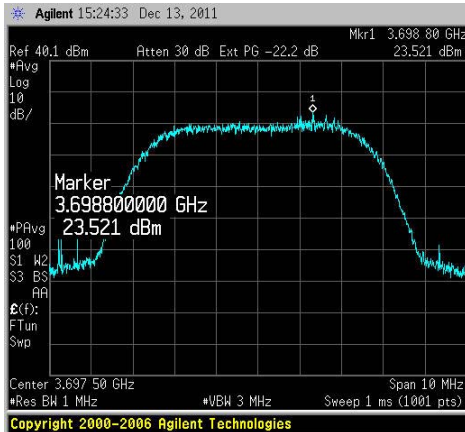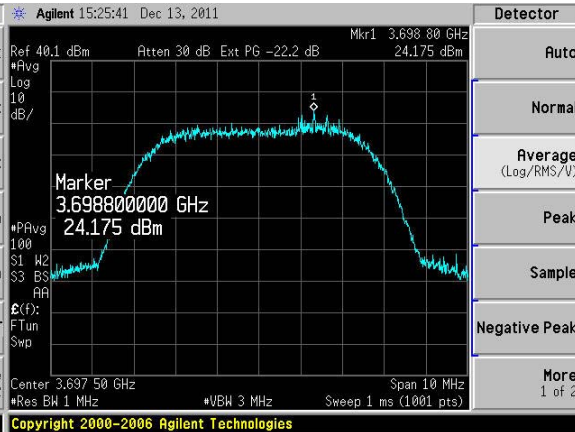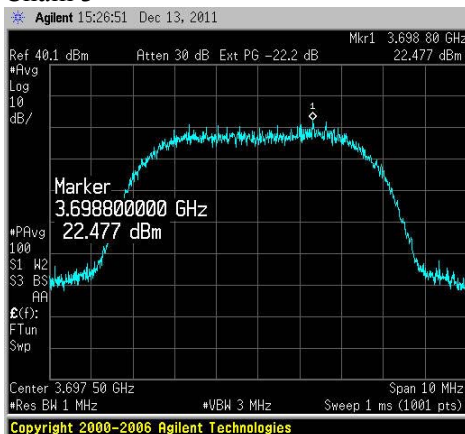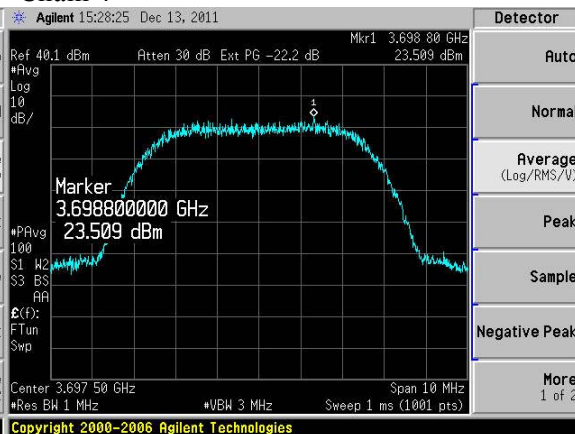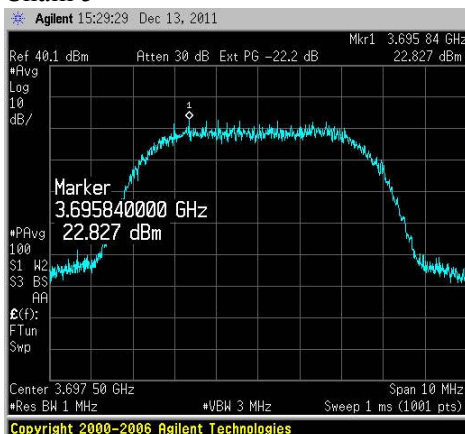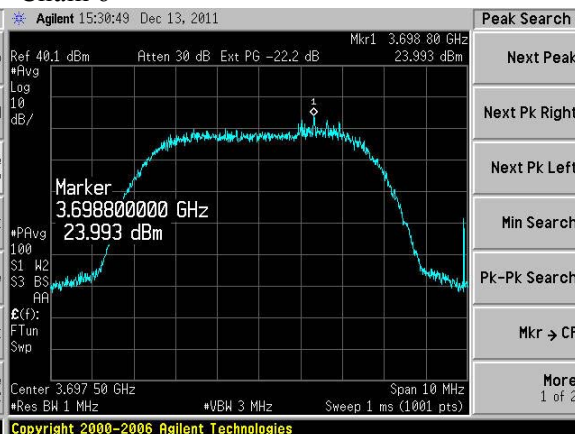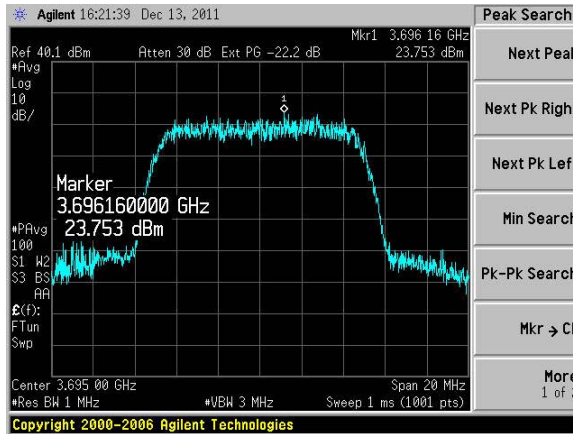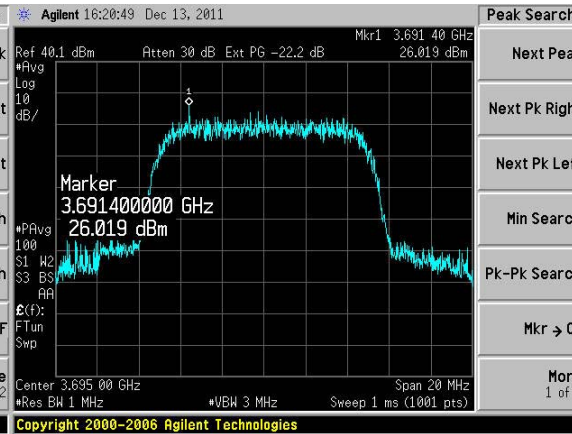Chain 3   Chain 4

Chain 5   Chain 6

3.65 GHz Fixed Wireless Transceiver
FCC ID: XN3-QUANTUM6636

IC: 8974A-QUANTUM6636
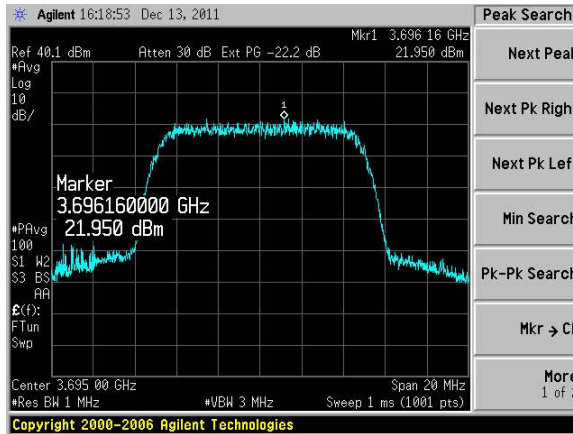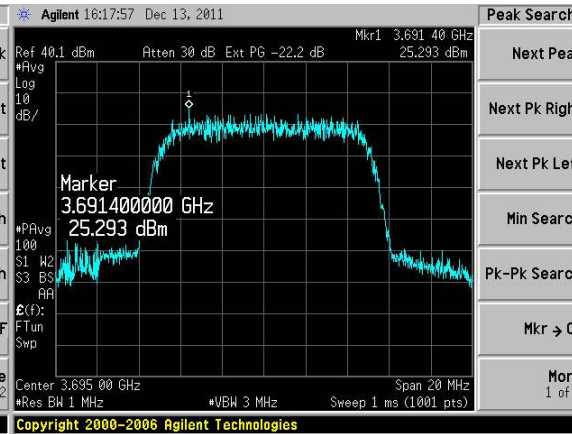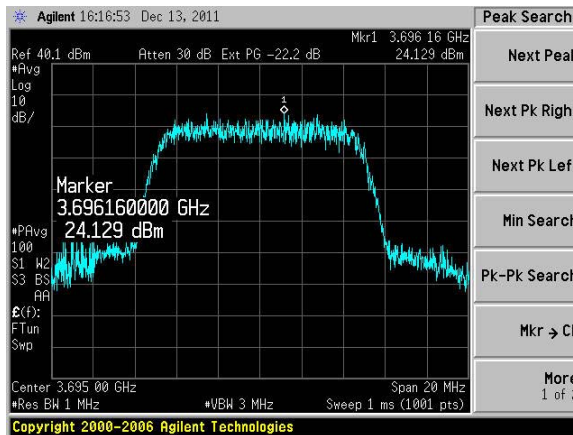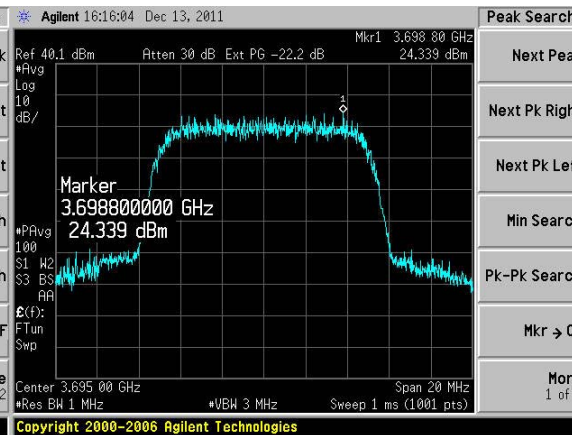
PSD SPECTRUM ANALYZER PLOTS: QPSK 10 MHZ EBW

33 dBm setting

Chain 1

Chain 2

Chain 3

Chain 4

Chain 5

Chain 6

3.65 GHz Fixed Wireless Transceiver
FCC ID: XN3-QUANTUM6636   IC: 8974A-QUANTUM6636
PSD SPECTRUM ANALYZER PLOTS: 16QAM 5 MHZ EBW
30 dBm setting

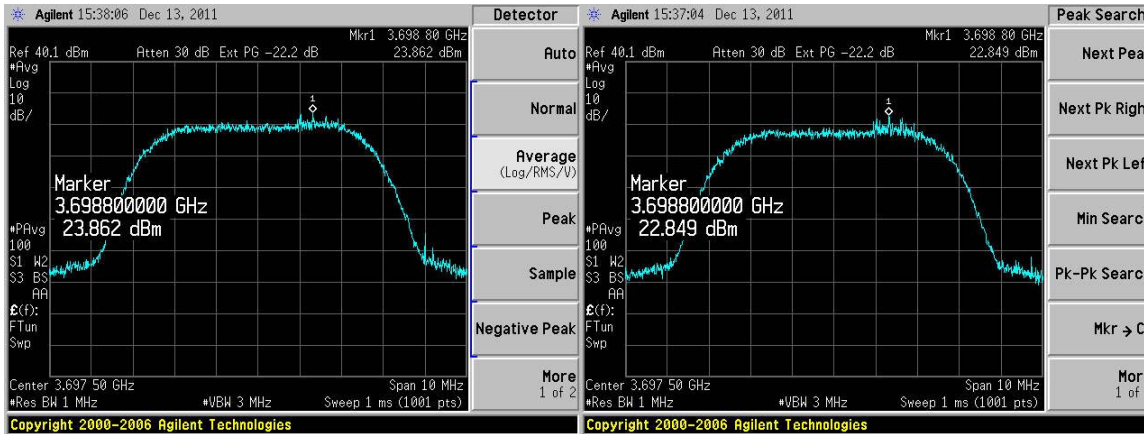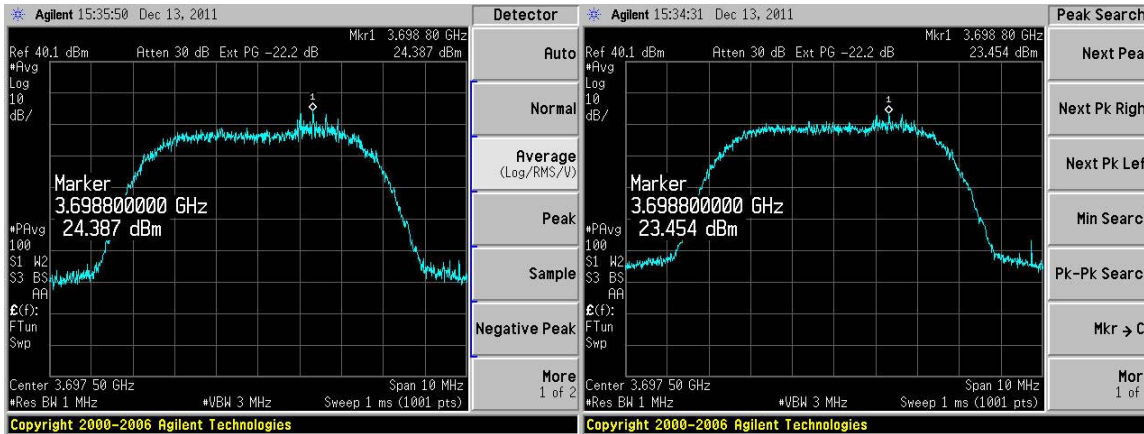Chain 1   Chain 2

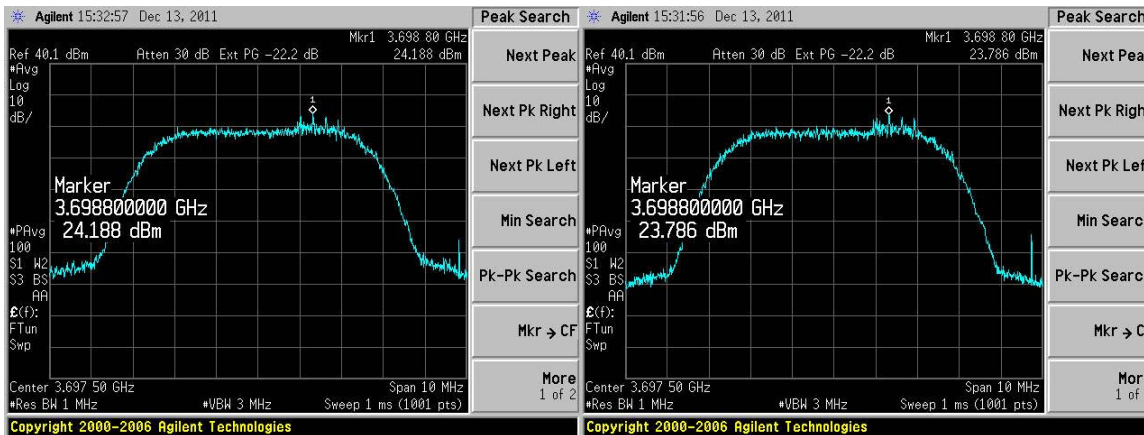Chain 3   Chain 4
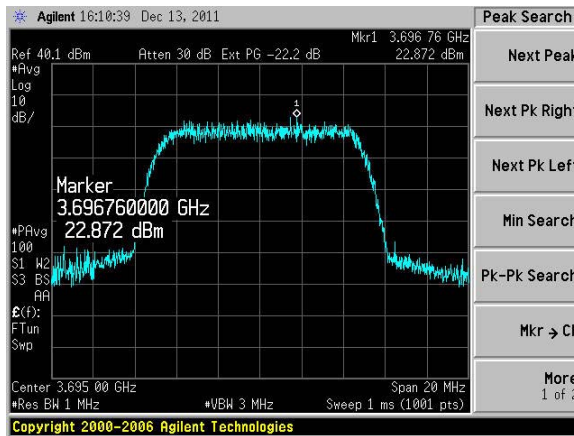

Chain 5   Chain 6
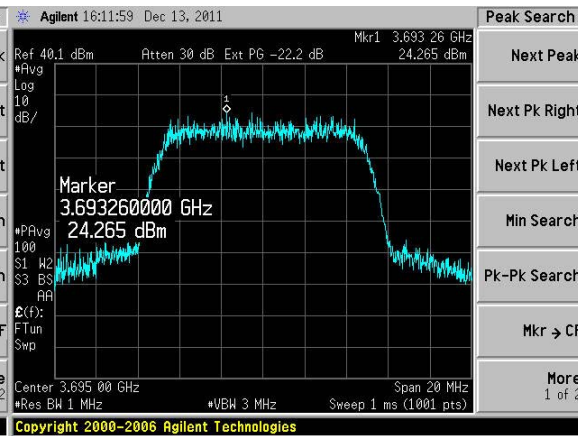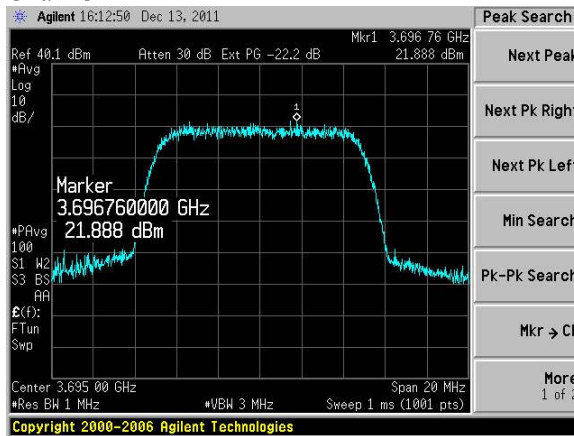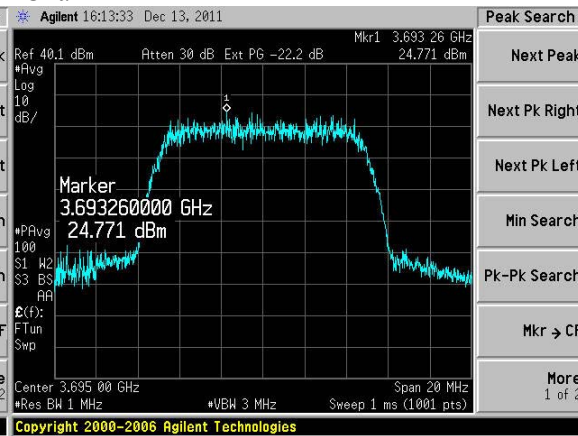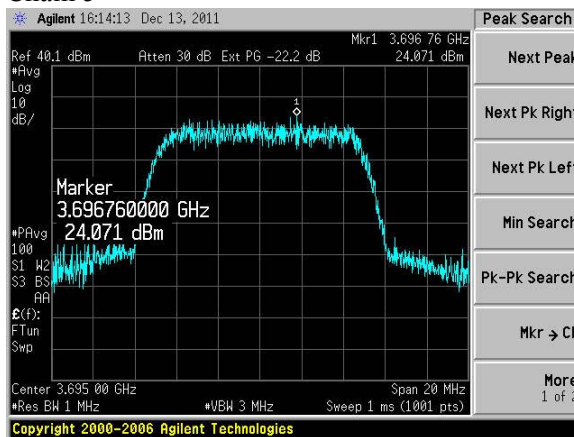
 PSD SPECTRUM ANALYZER PLOTS: 16QAM 10 MHZ EBW
33 dBm setting
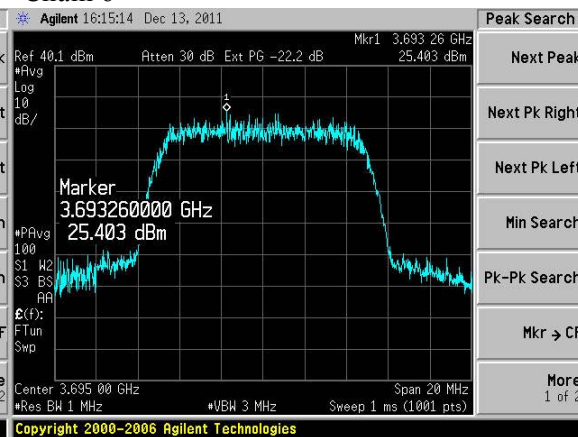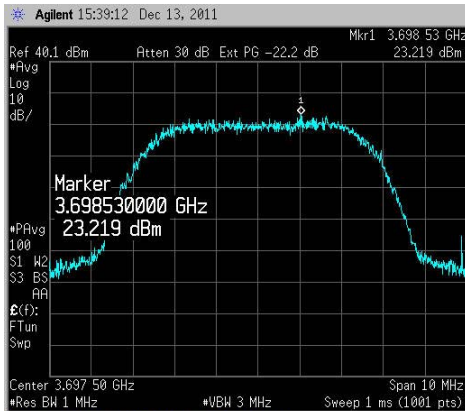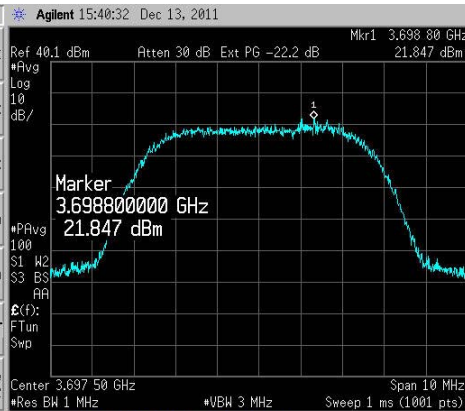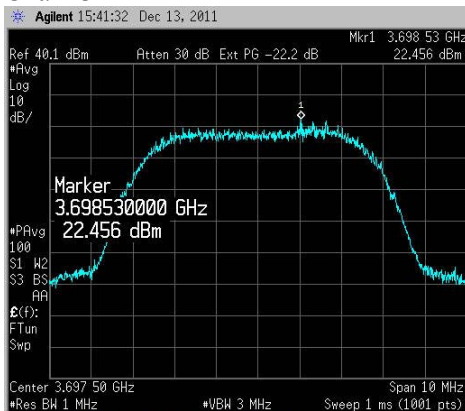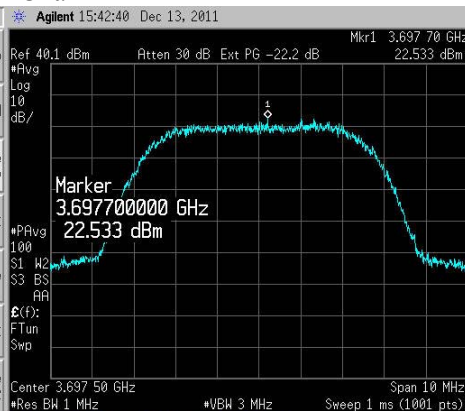
Chain 1

Chain 2

Chain 3

Chain 4

Chain 5

Chain 6

3.65 GHz Fixed Wireless Transceiver
FCC ID: XN3-QUANTUM6636   IC: 8974A-QUANTUM6636
PSD SPECTRUM ANALYZER PLOTS: 64QAM 5 MHZ EBW
30 dBm setting

Chain 1   Chain 2

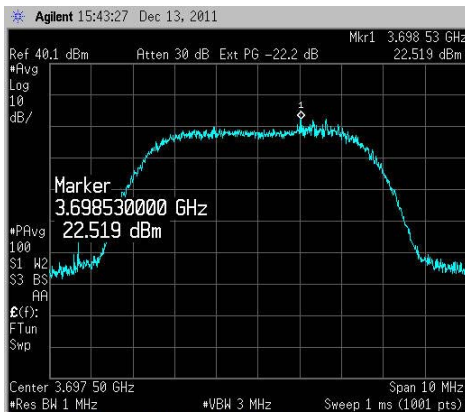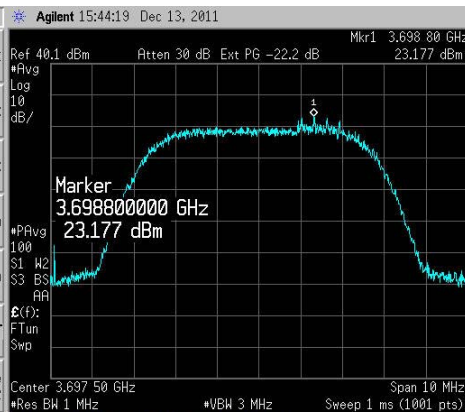Chain 3   Chain 4
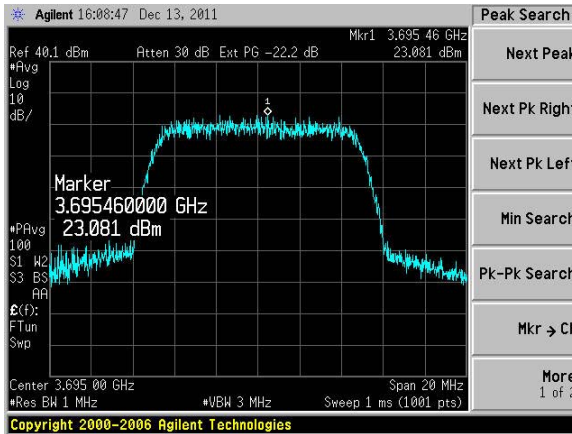

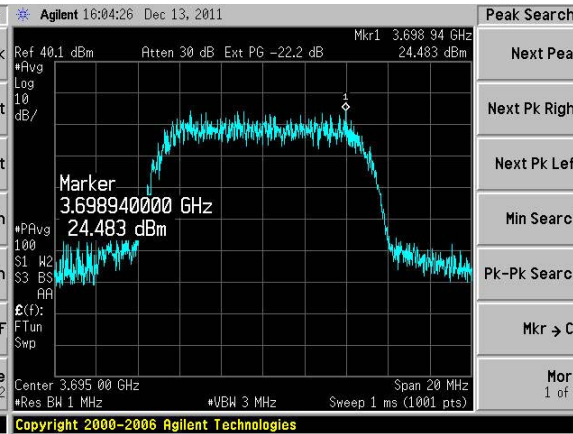Chain 5   Chain 6
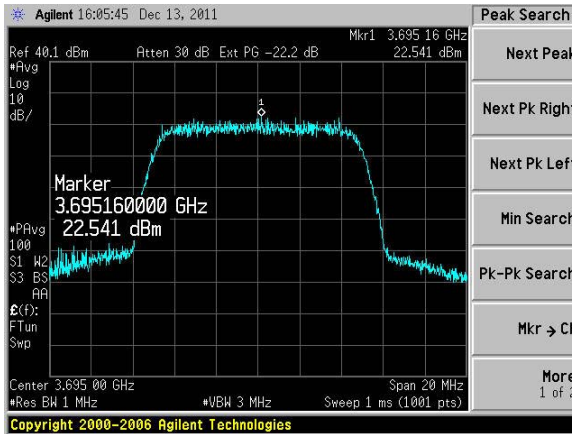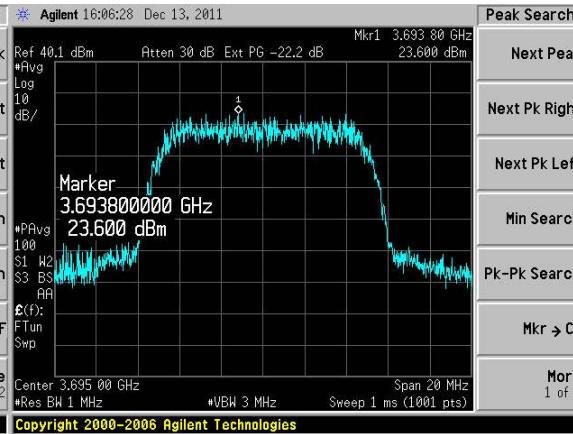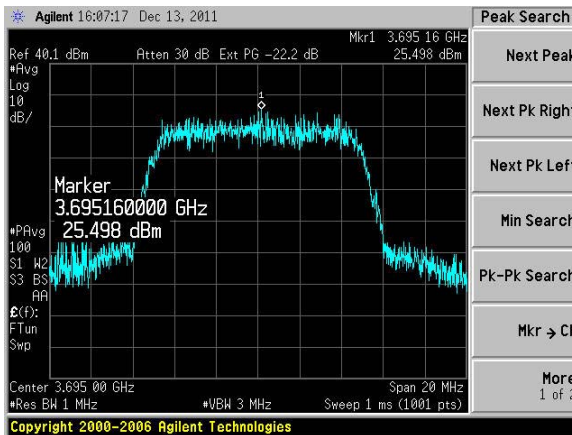
 PSD SPECTRUM ANALYZER PLOTS: 64QAM 10 MHZ EBW
33 dBm setting

Chain 1

Chain 2

Chain 3

Chain 4

Chain 5

Chain 6