SECTION D

Spurious Emissions at Antenna Terminal - 47 CFR 2.1051

Summary of Worst Case Spurious Emissions at Antenna Terminal

Channel	Modulation	Freq. (GHz)	Spur Level Measured (dBm)	FCC Max Limit (dBm)	Pass/Fail
25	1X-QPSK	1.93035	-13.59	-13	Pass
25	1X-DO-16QAM	1.93035	-13.17	-13	Pass
25	1X-DO-8PSK	1.93035	-13.33	-13	Pass
1175	1X-QPSK	1.98965	-18.61	-13	Pass
1175	1X-DO-16QAM	1.98965	-17.10	-13	Pass
1175	1X-DO-8PSK	1.98965	-19.52	-13	Pass

FCC Max. Limit Per 47 CFR:

= Transmitted Power (10 Log10 (Pwatt)) - (43 + 10 Log10 (Pwatt)) dBW
= 10 Log10 (Pwatt) - (43 + 10 Log10 (Pwatt)) dBW
= -43 dBW
= -13 dBm

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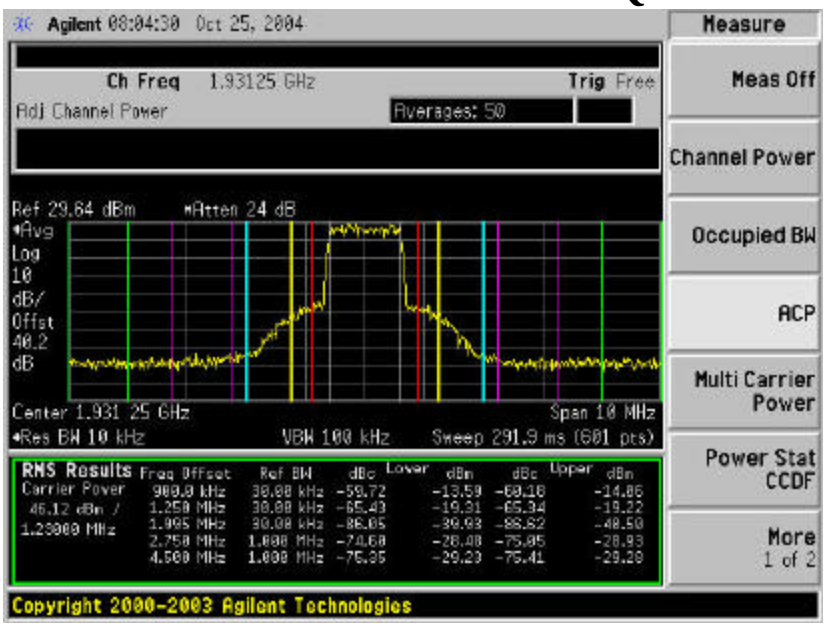
Spurious Emissions at Antenna Terminal – 45W

Channel 25 – 1.93125 GHz – QPSK



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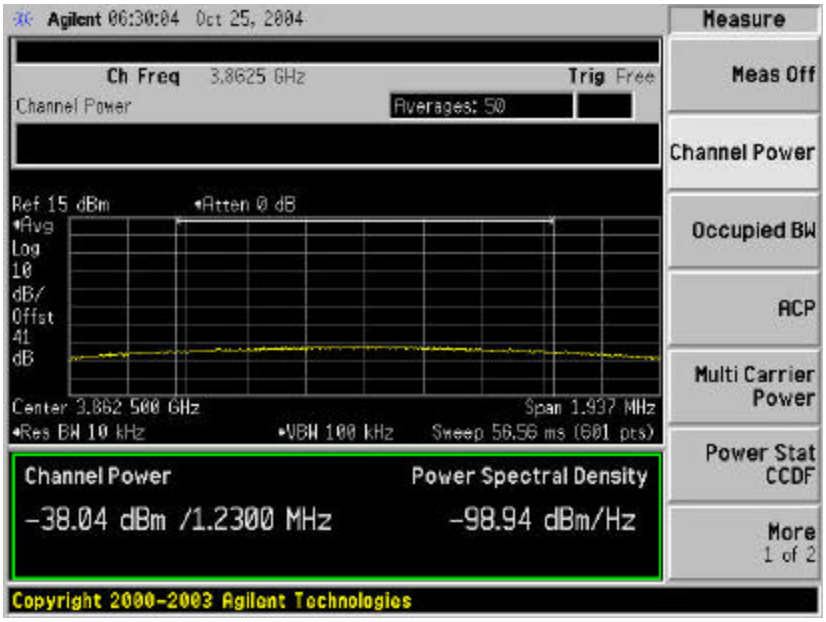

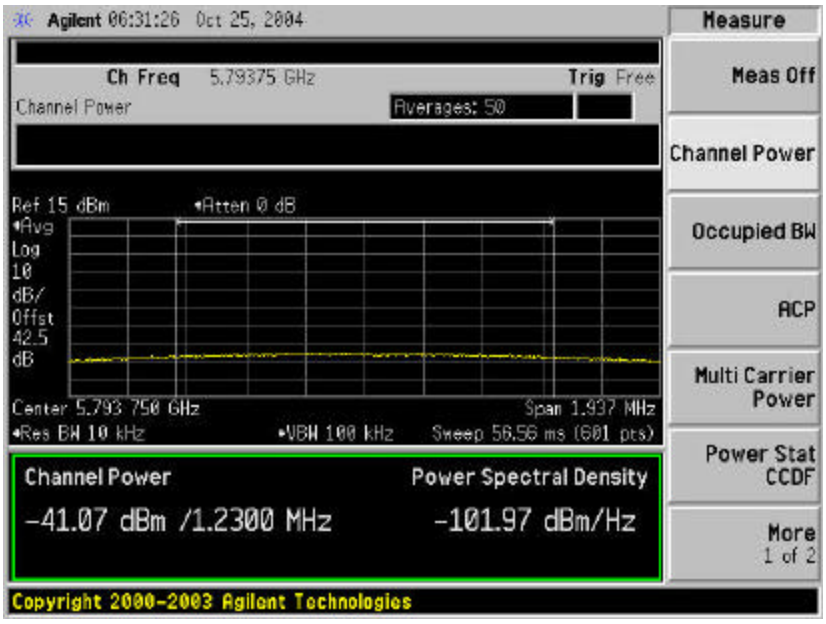

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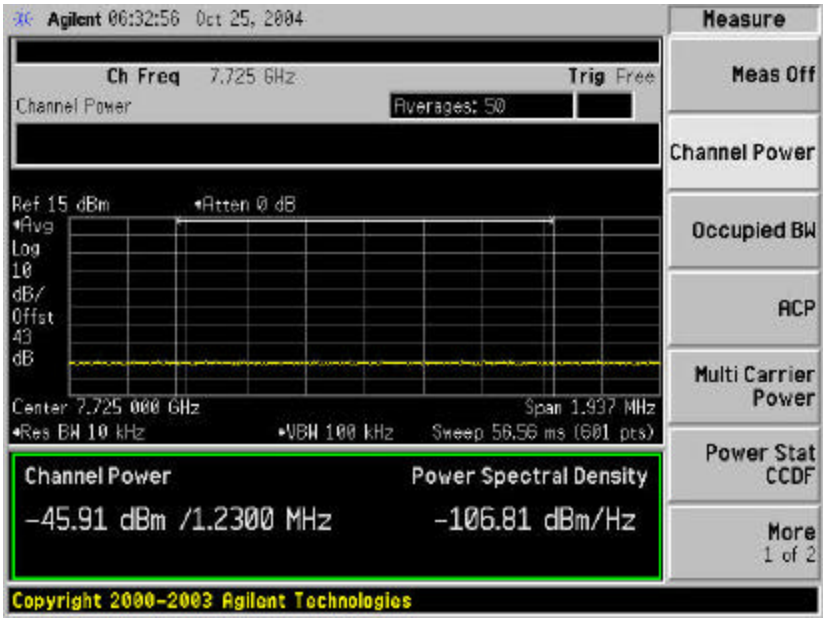

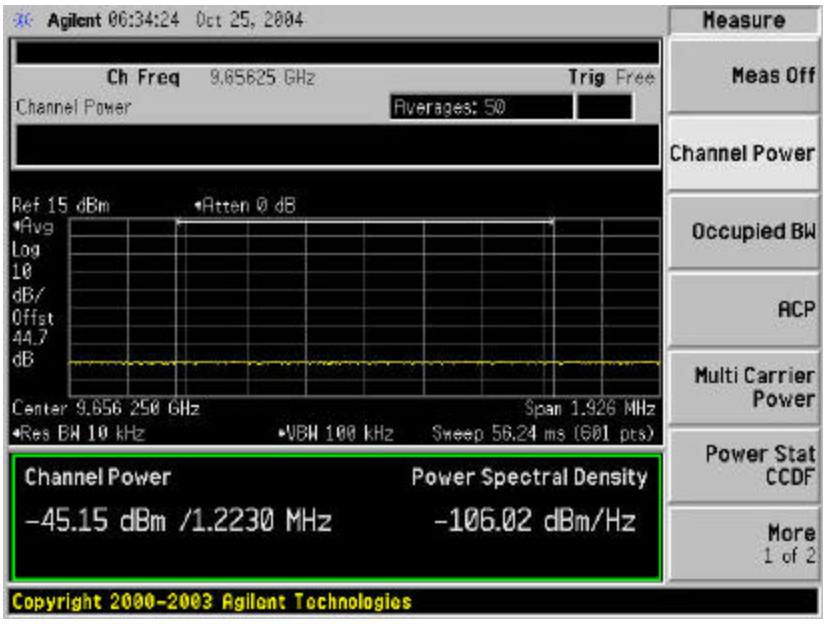

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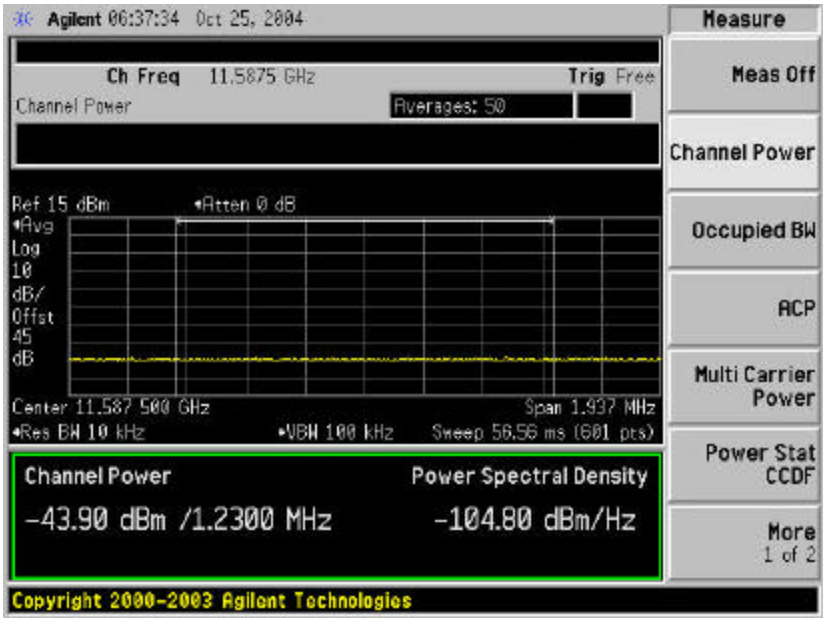

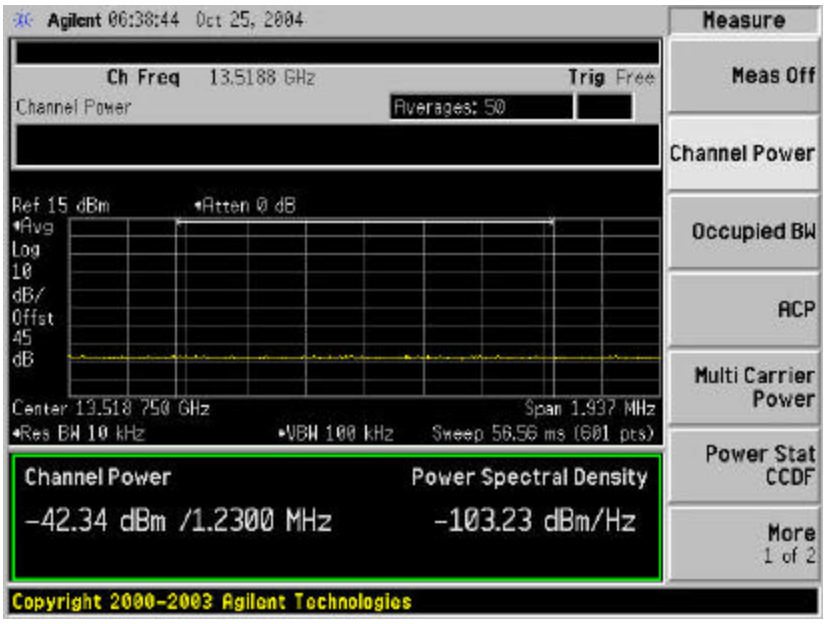

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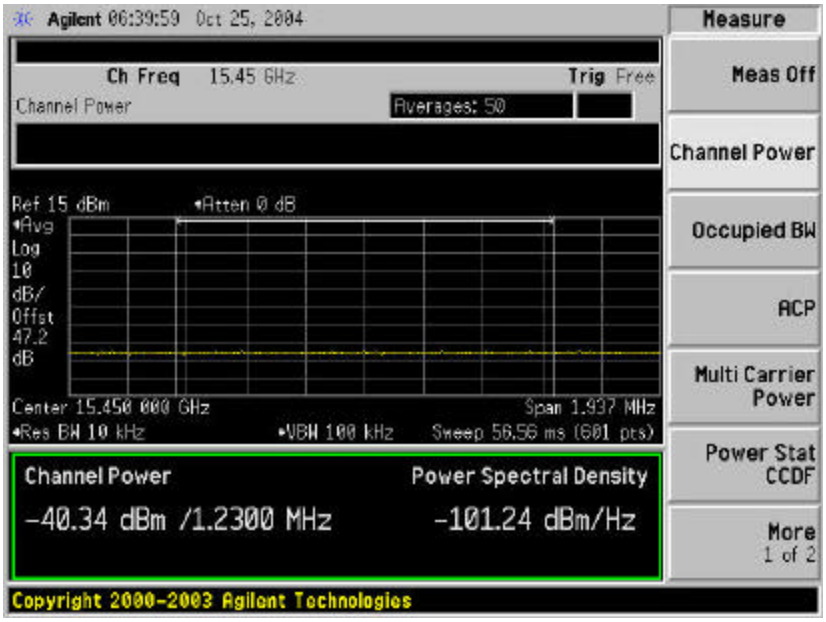

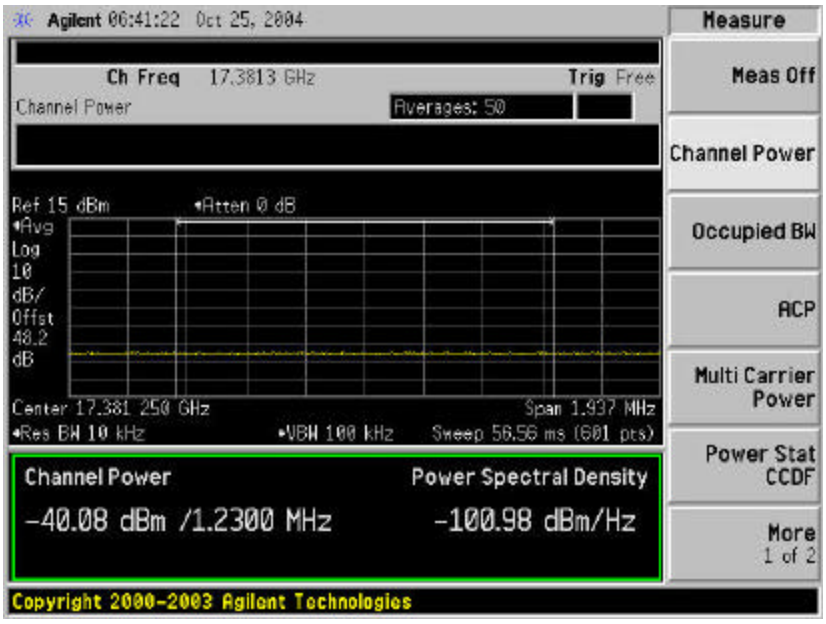

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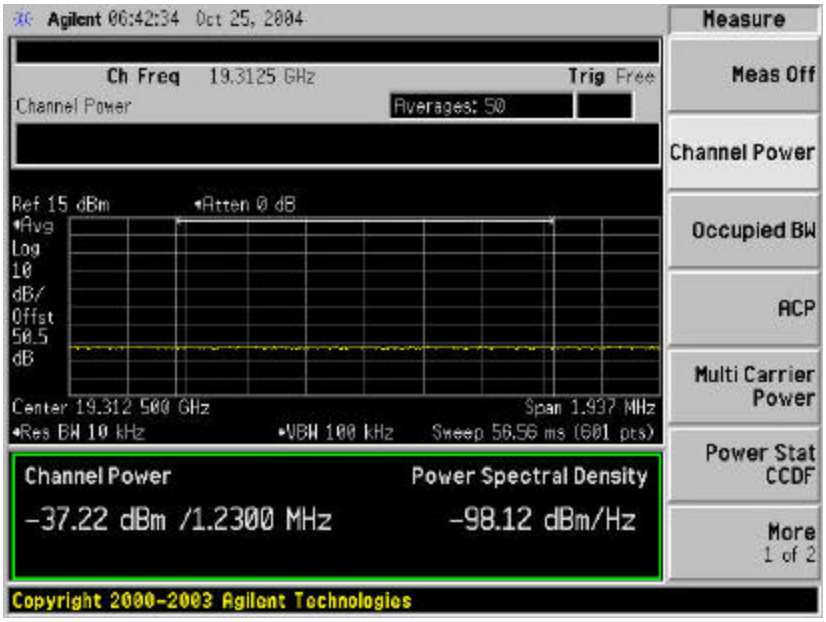

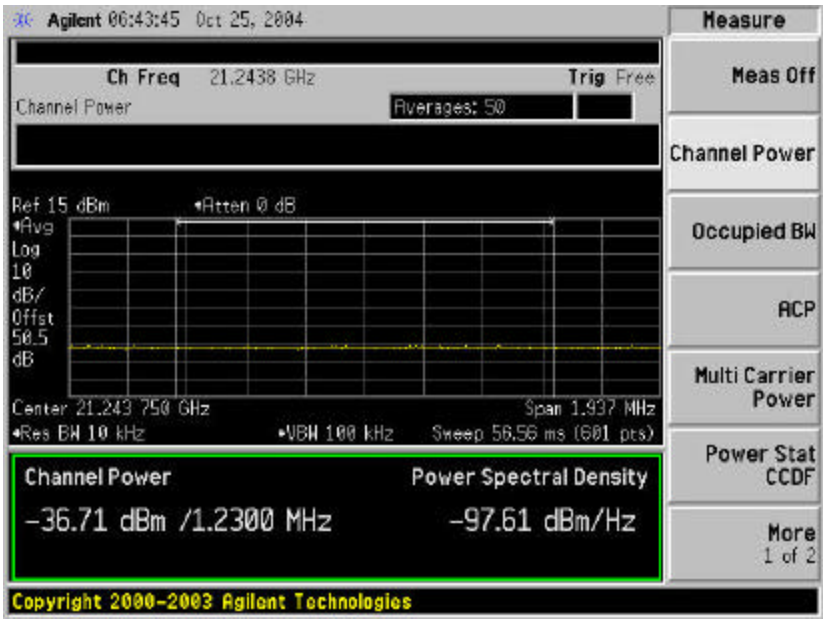

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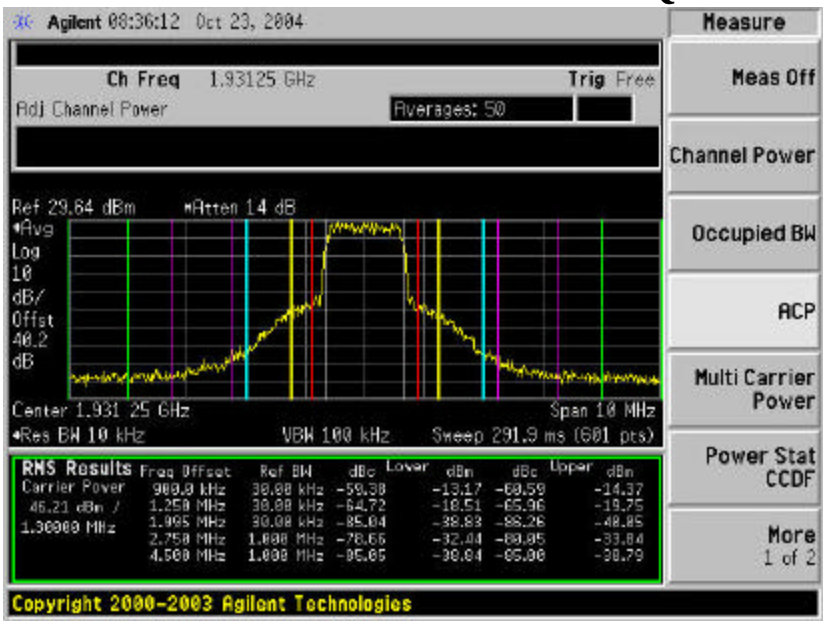
Spurious Emissions at Antenna Terminal – 45W

Channel 25 – 1.93125 GHz – 16QAM



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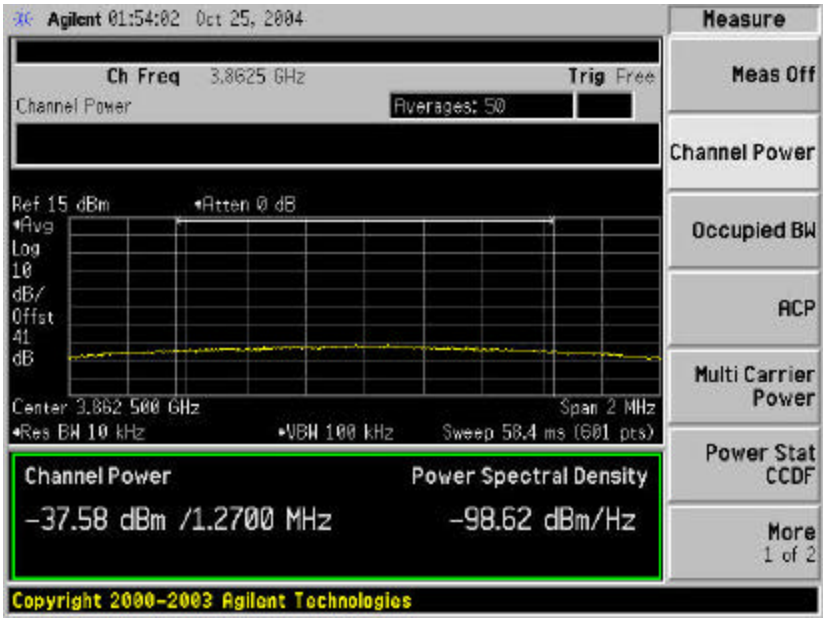

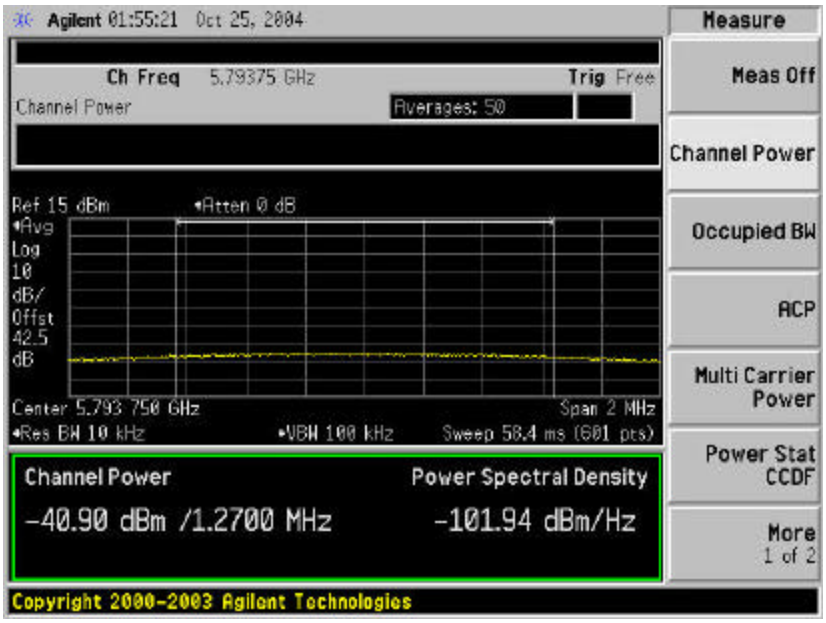

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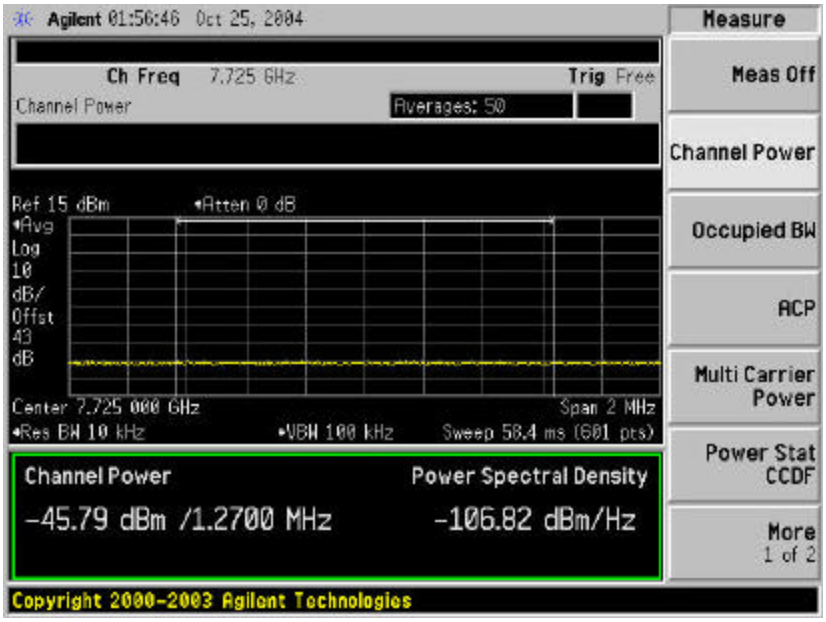

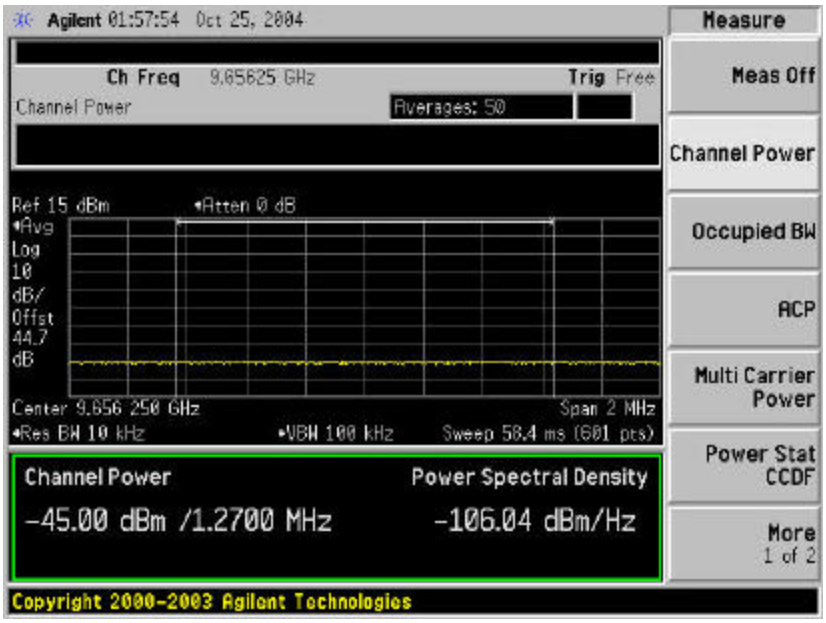

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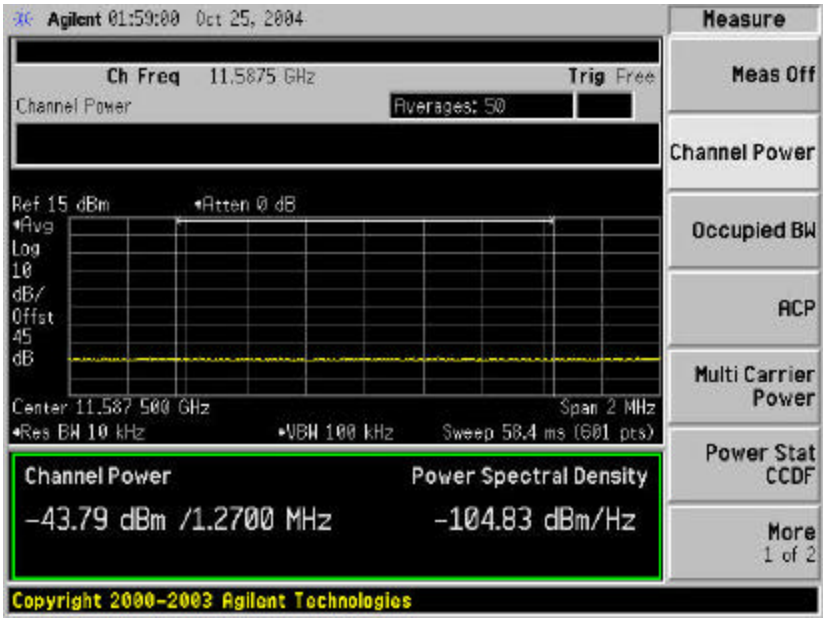

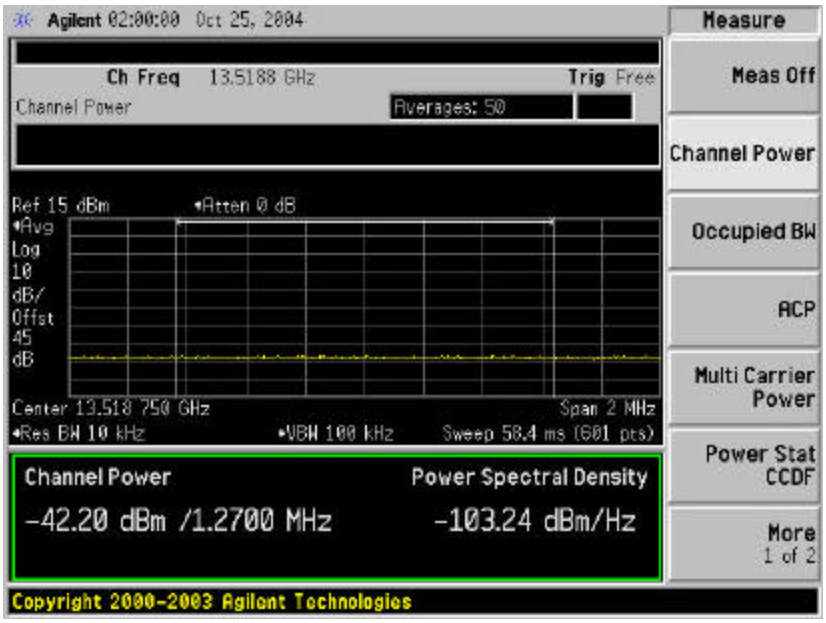

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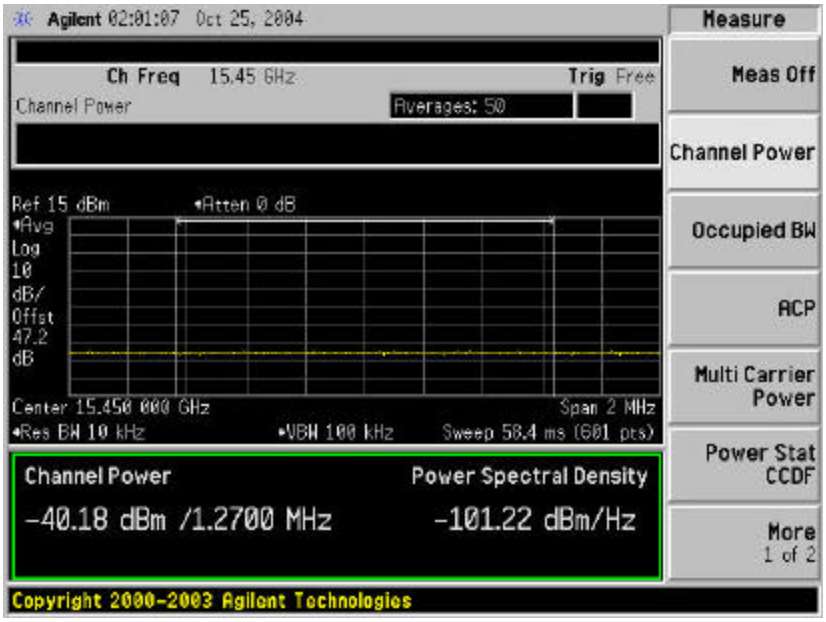

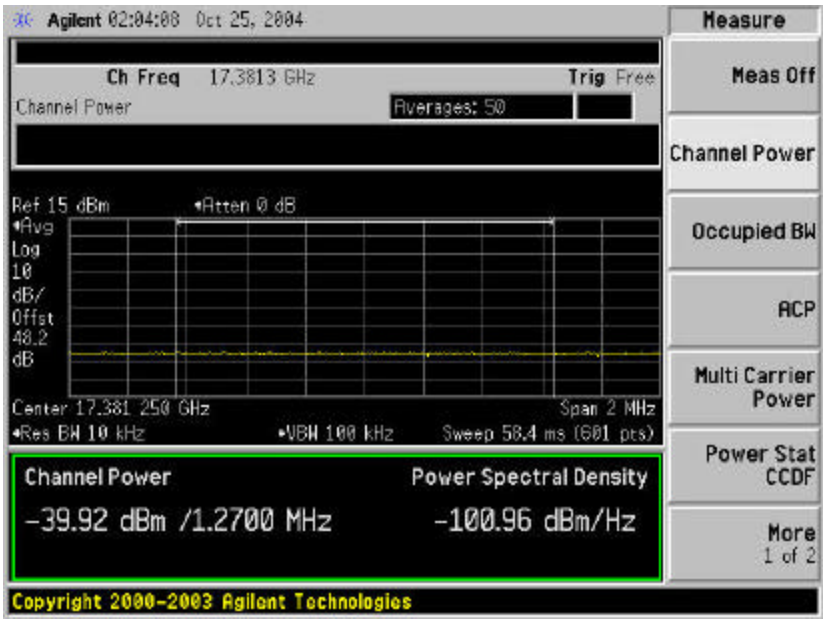

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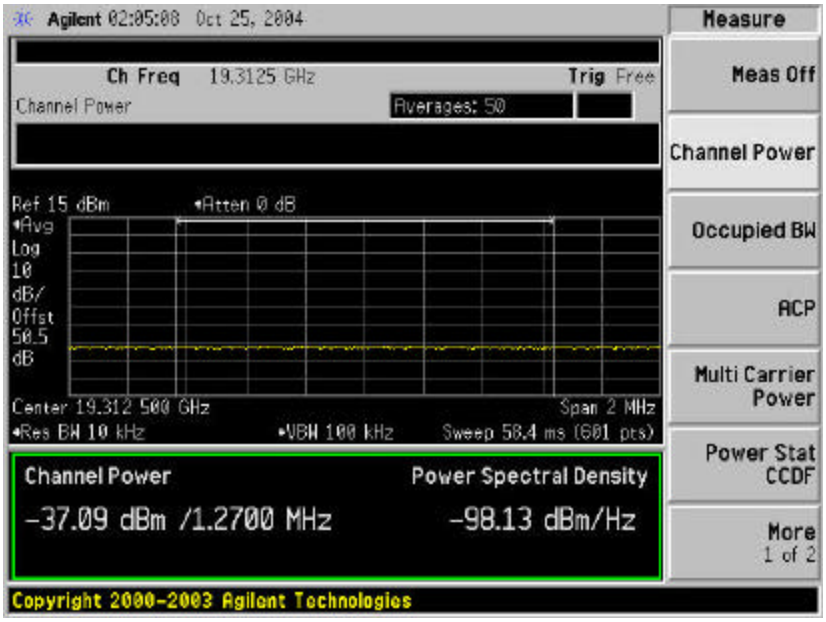

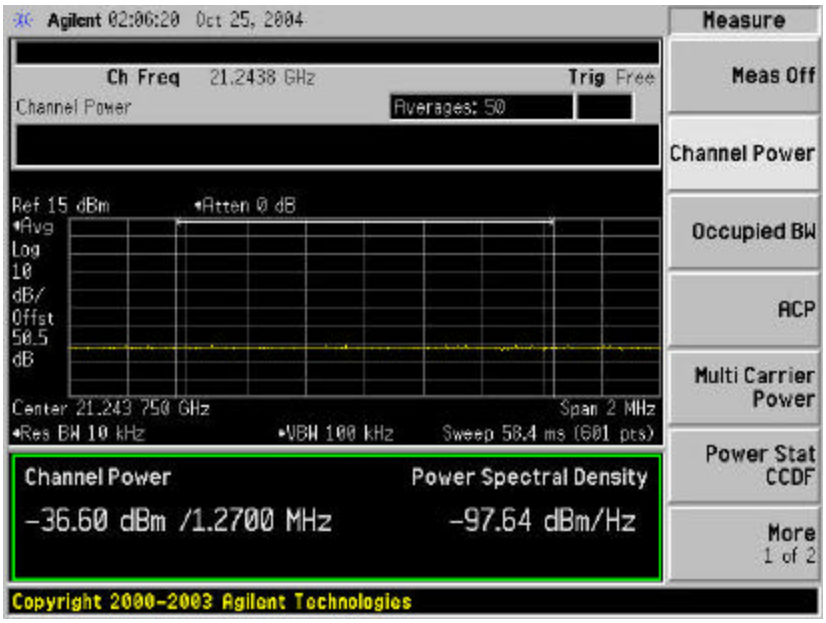

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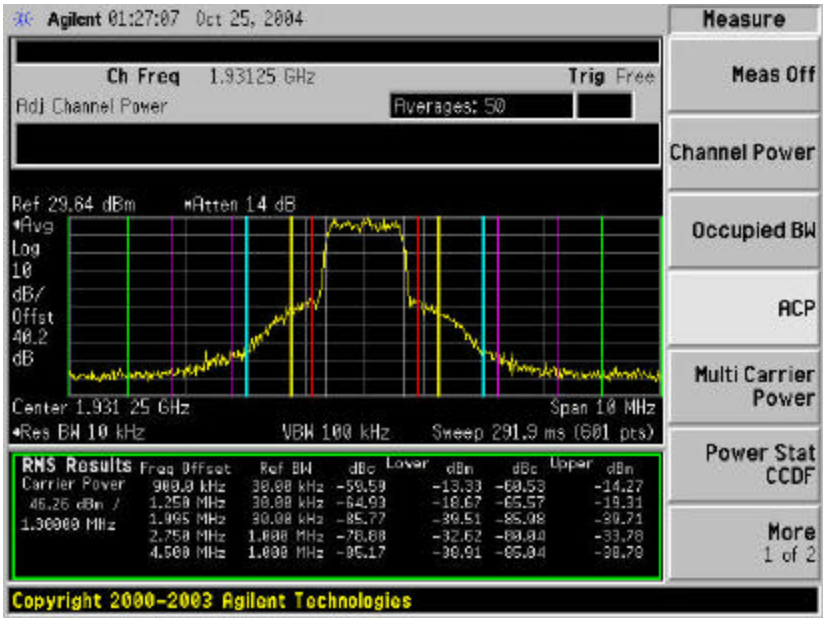
Channel 25 – 1.93125 GHz – 8PSK



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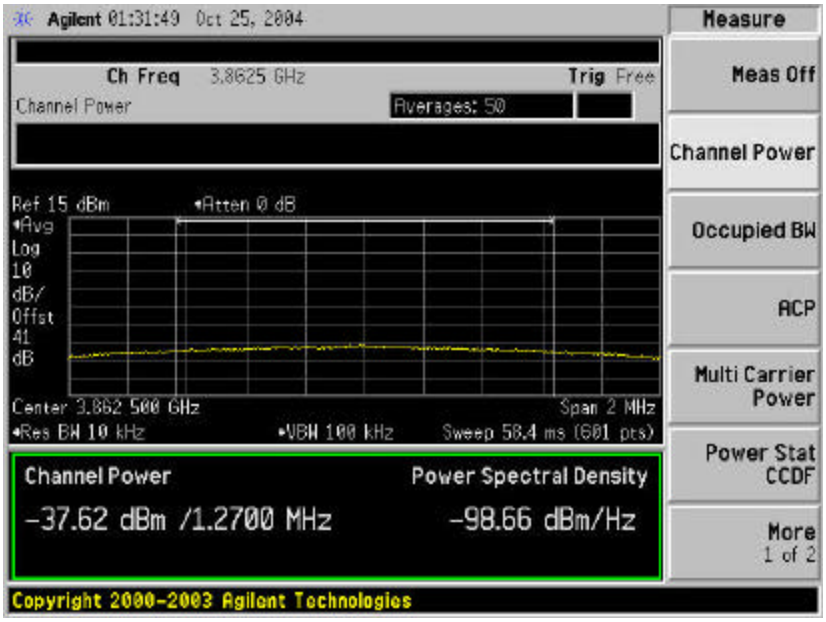

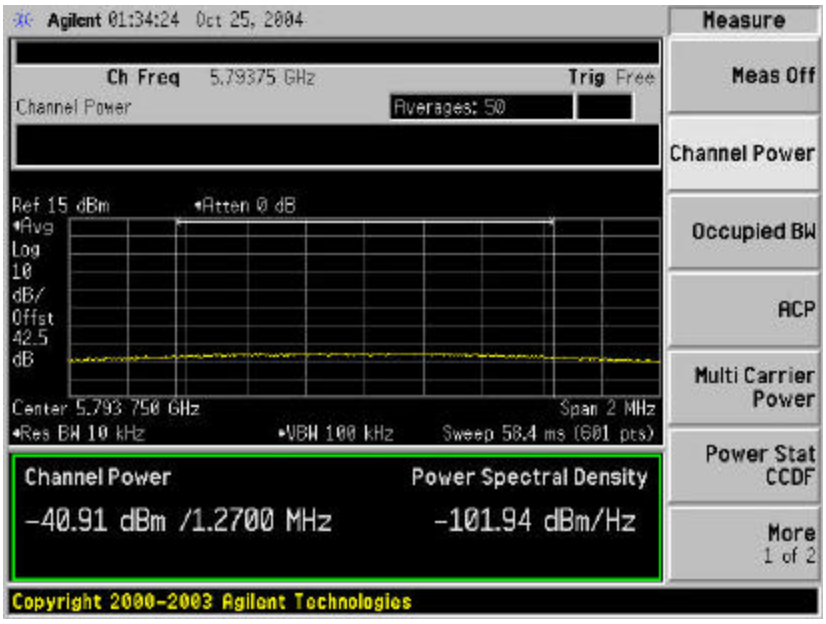

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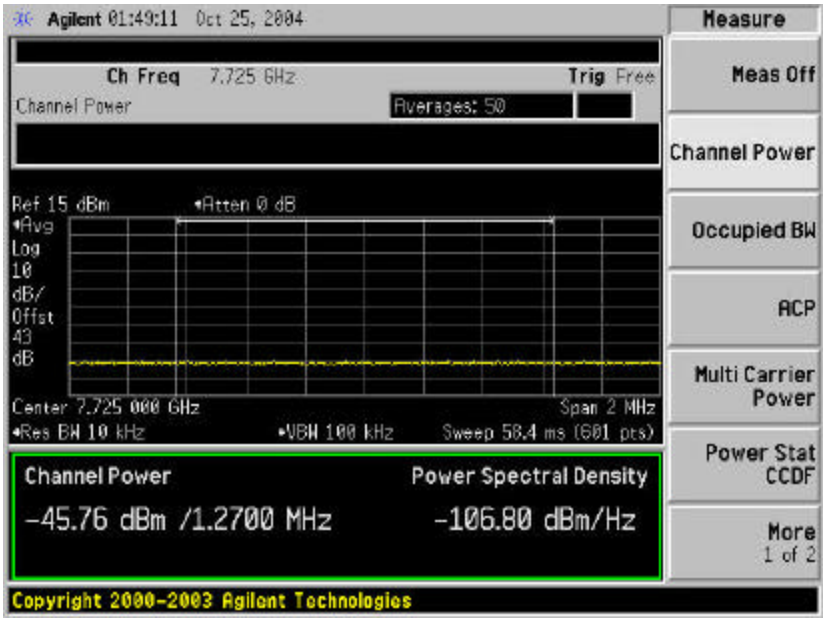

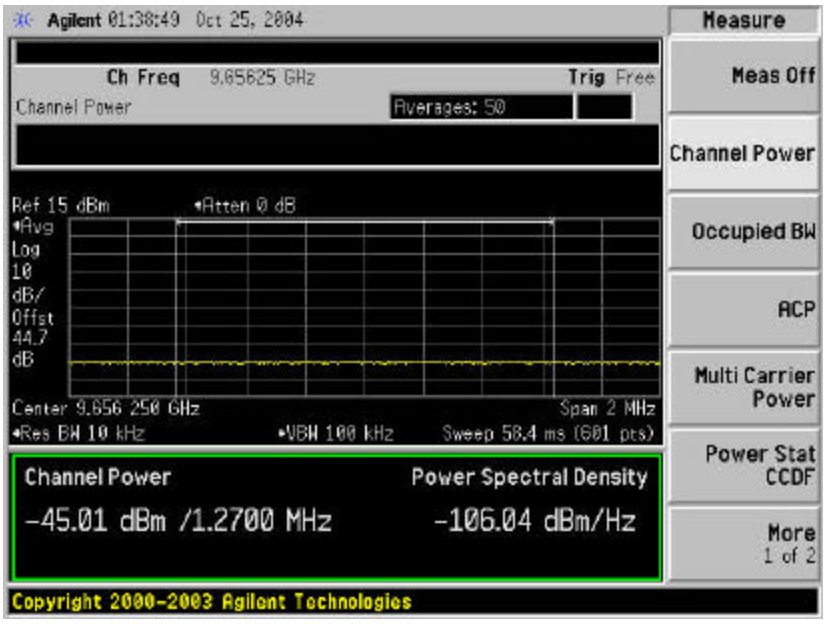

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