

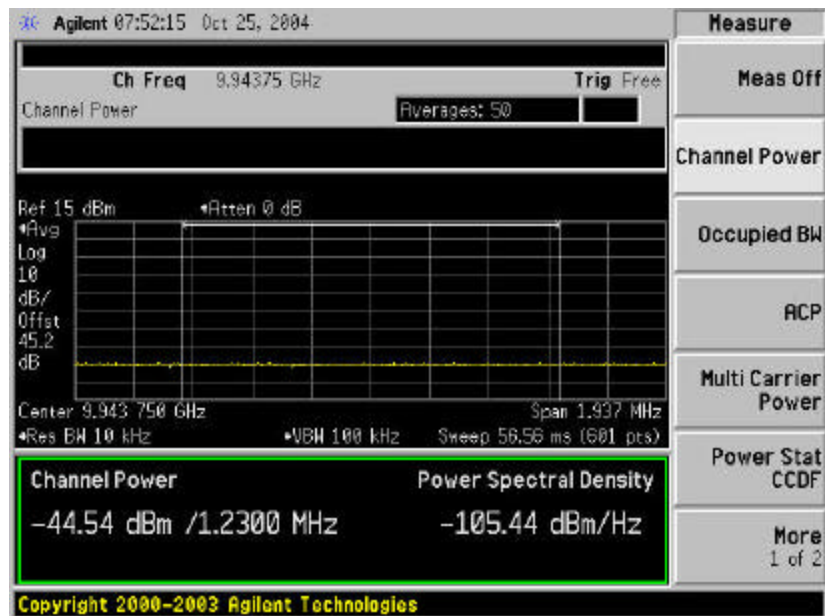
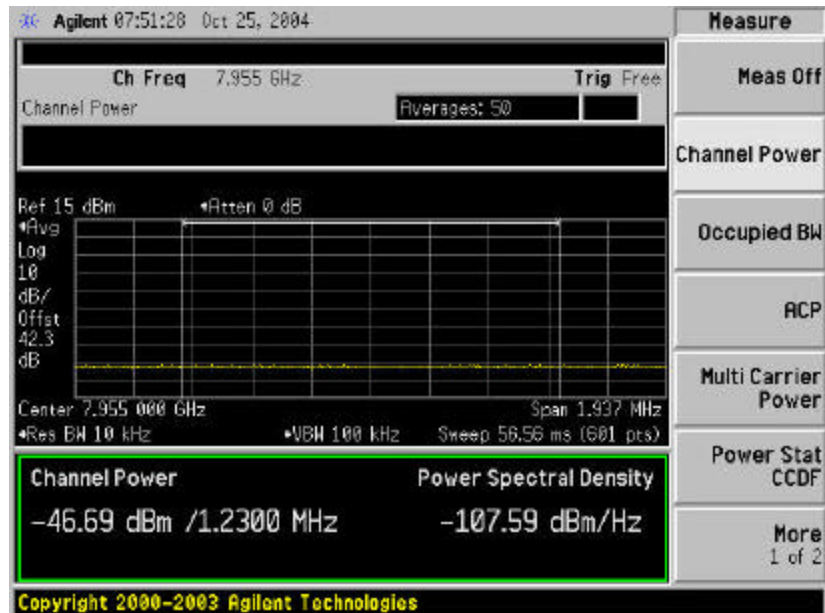
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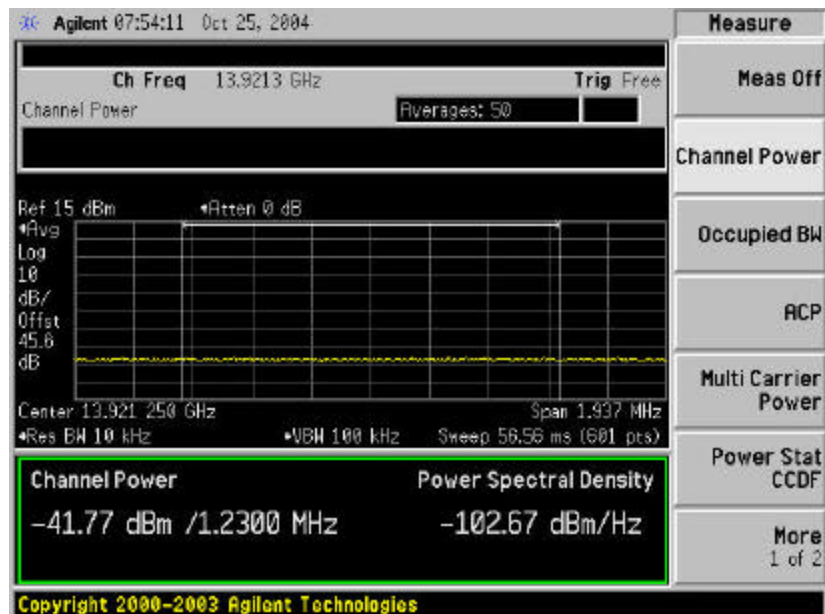
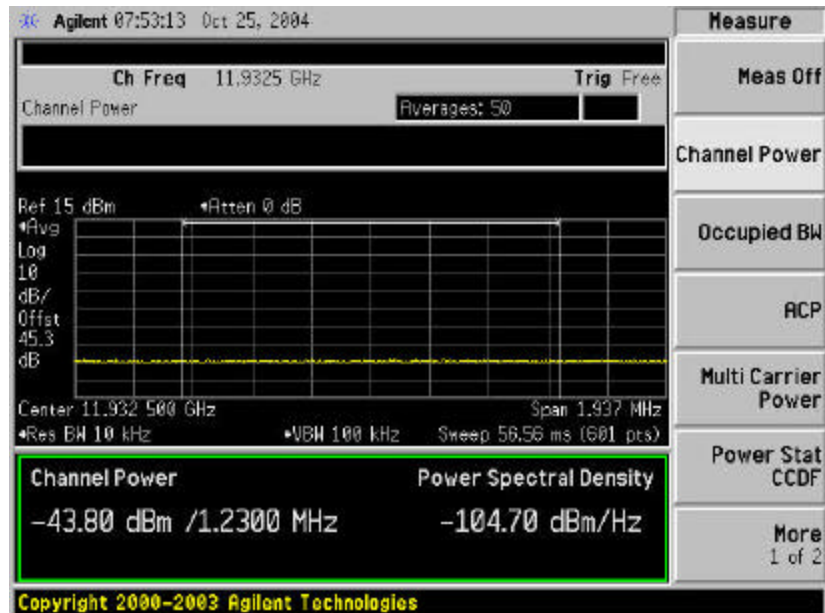
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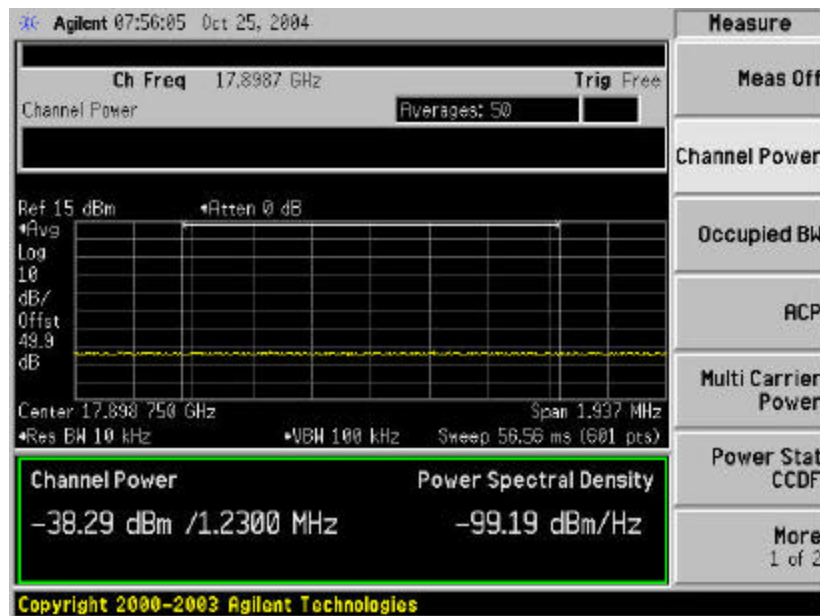
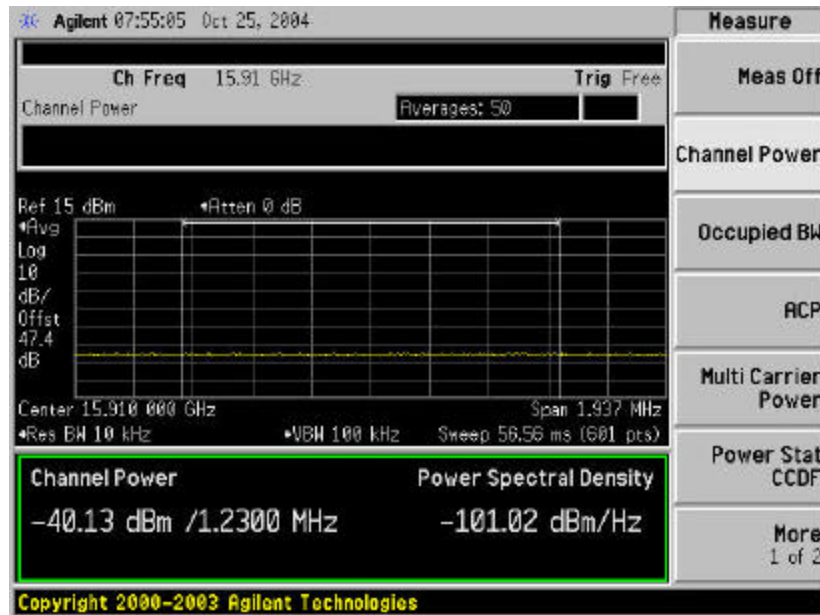


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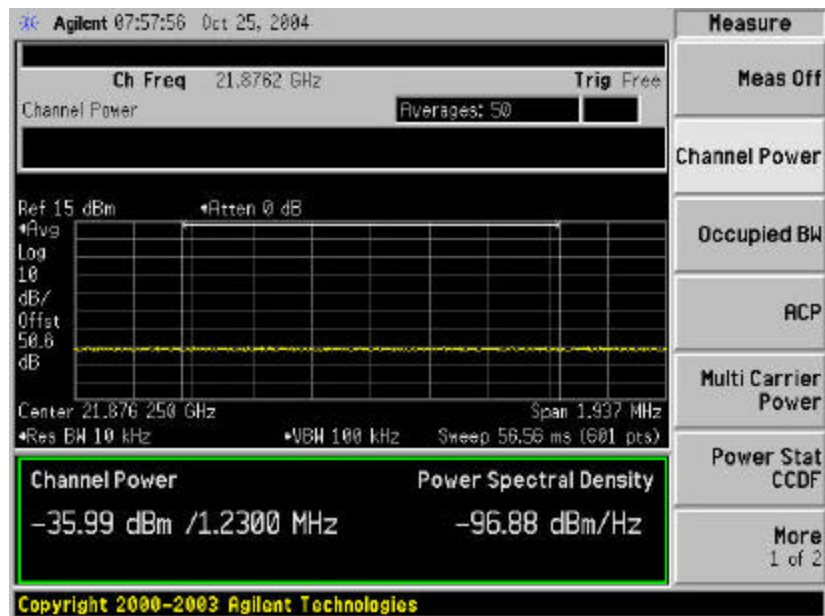
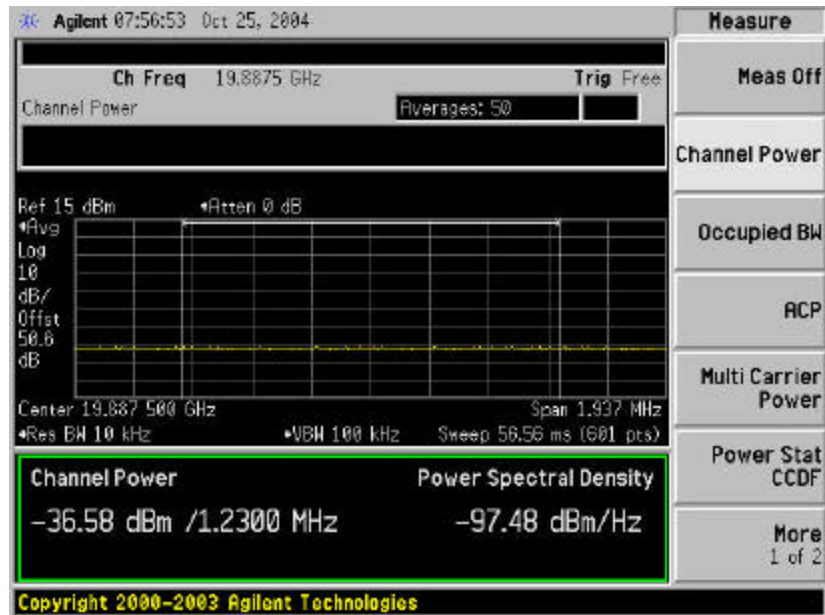
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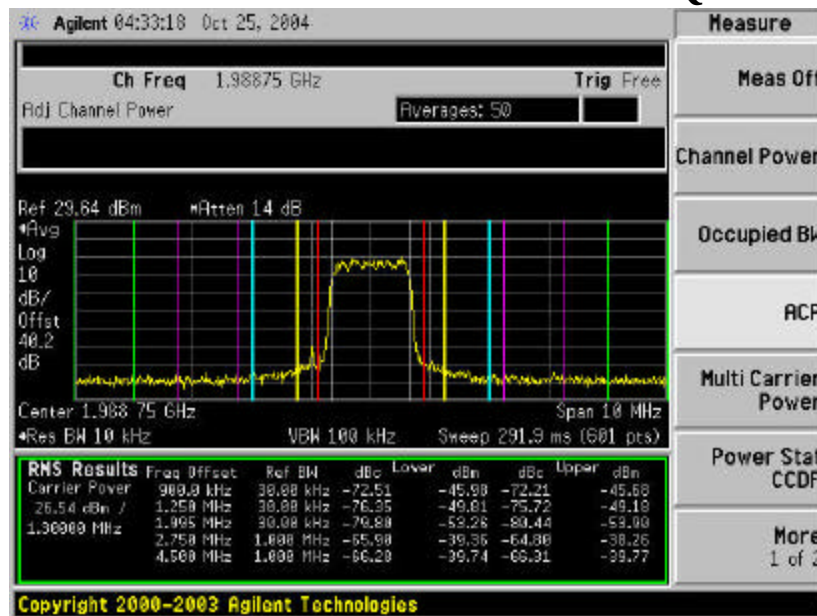
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Spurious Emissions at Antenna Terminal – 0.45W Channel 1175 – 1.98875 GHz – 16QAM

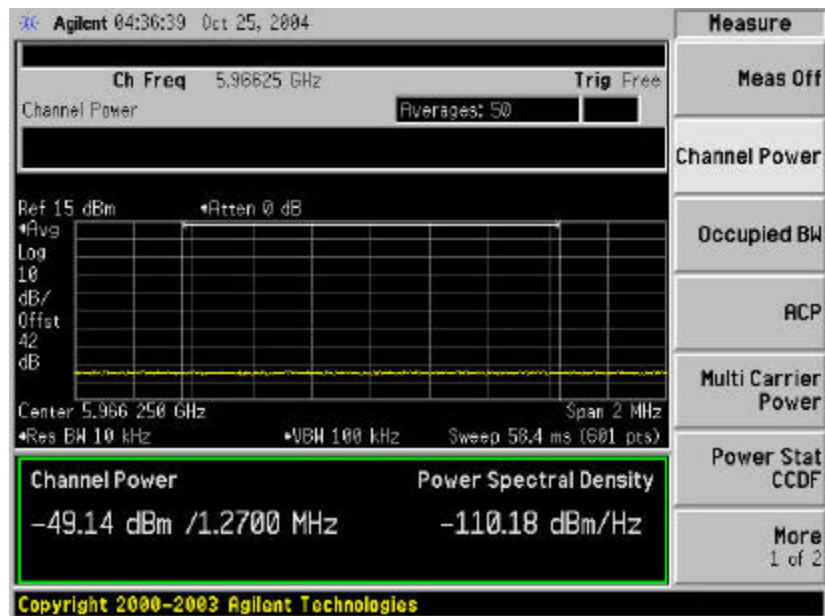
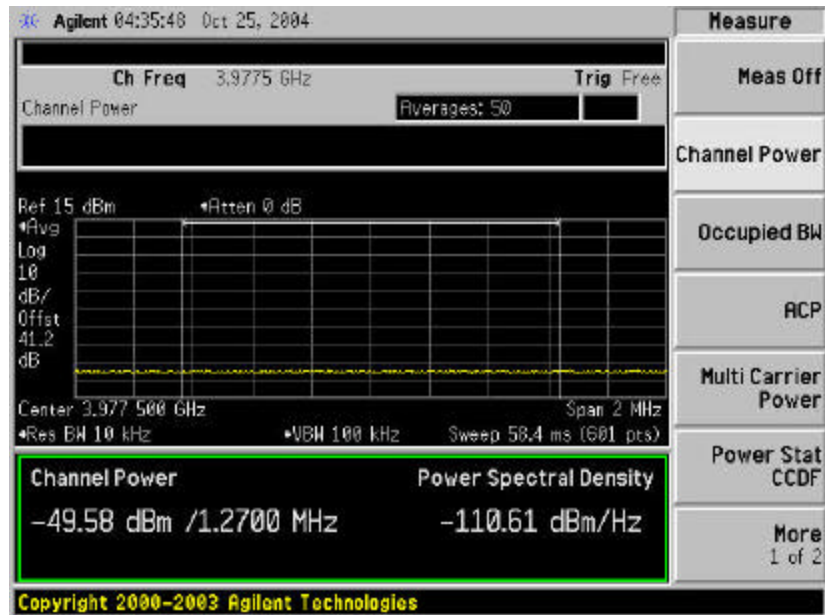


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FCC ID: IHET6EQ1

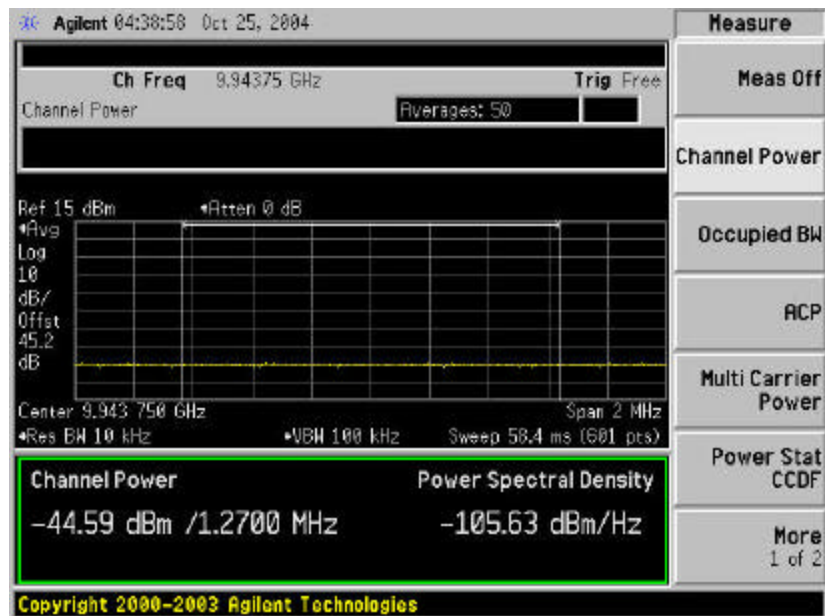
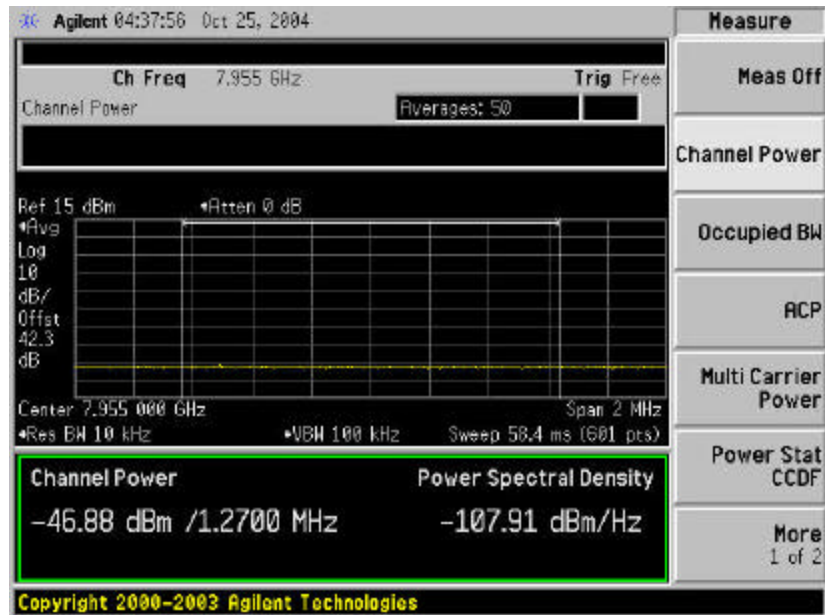


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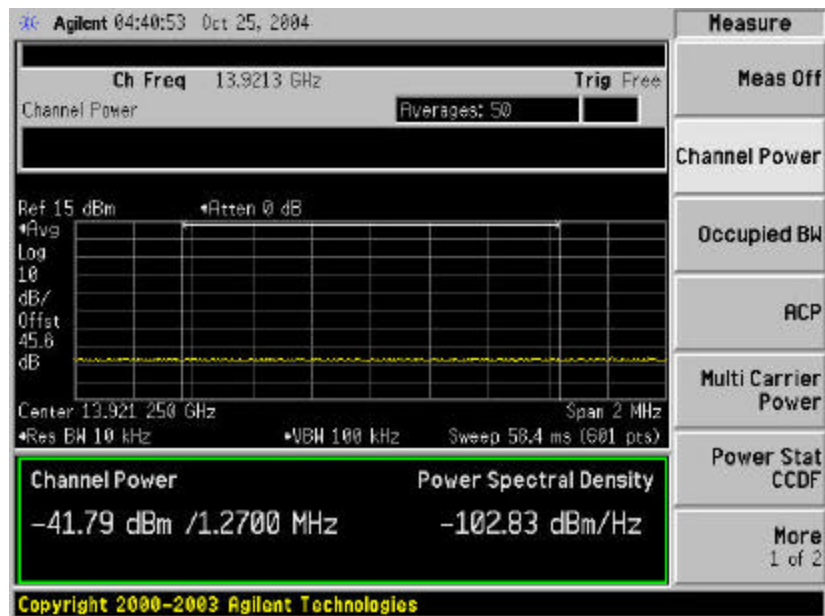
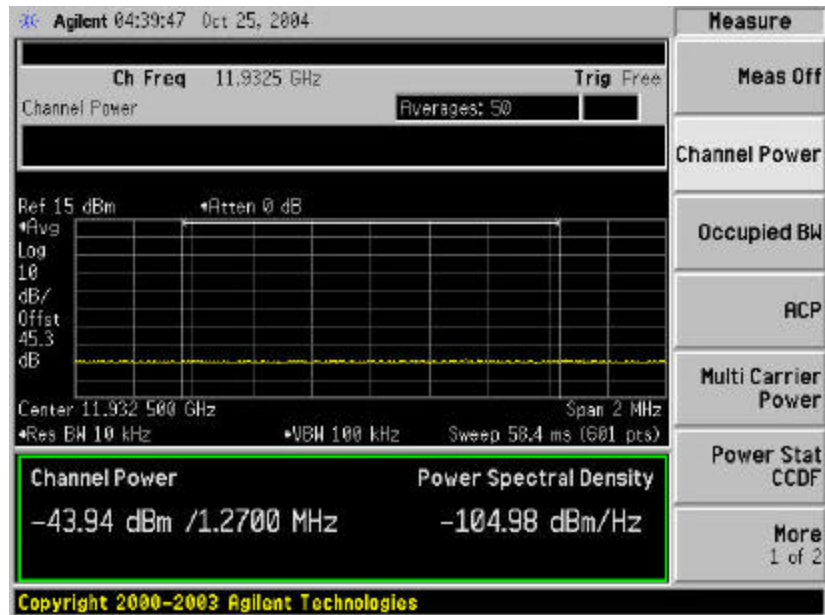


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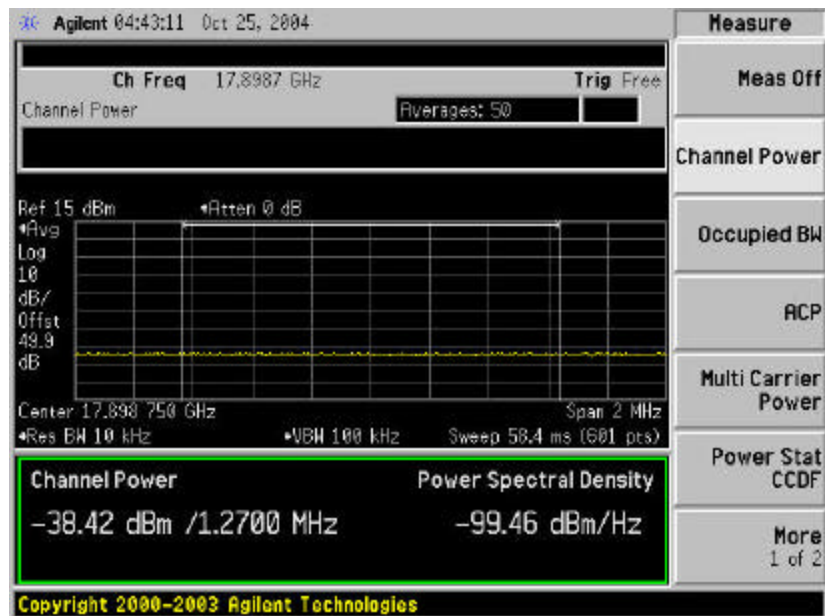
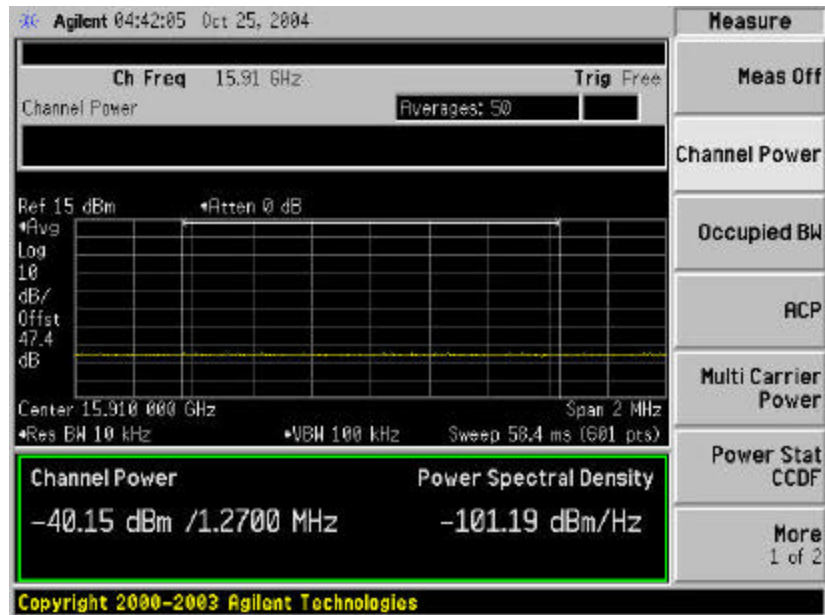


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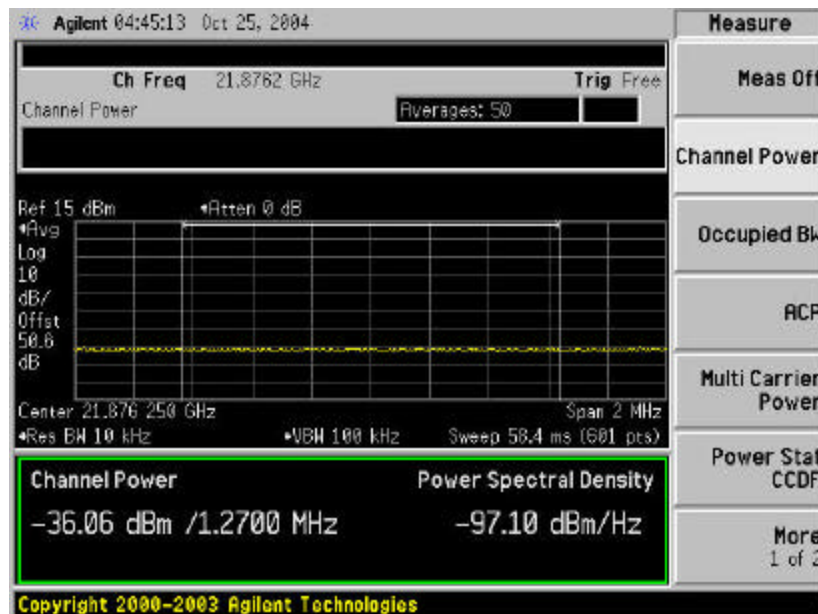
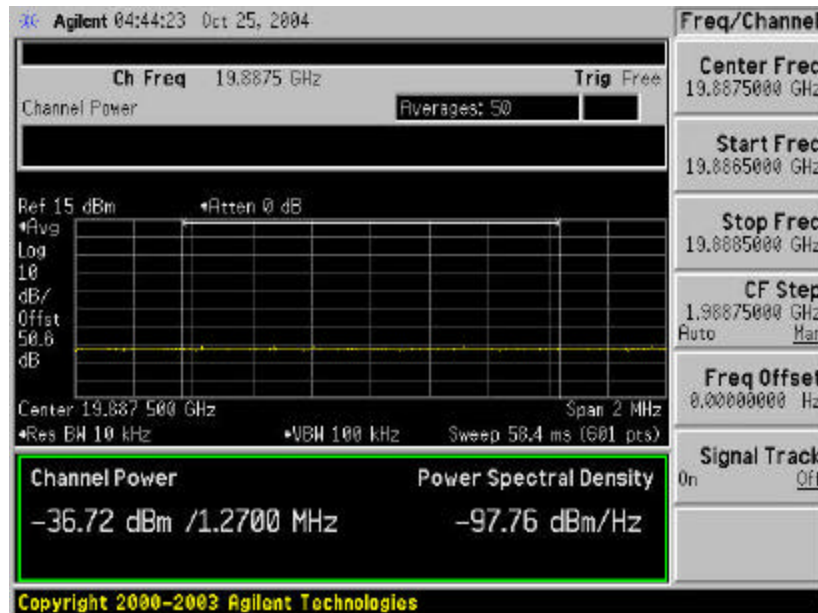


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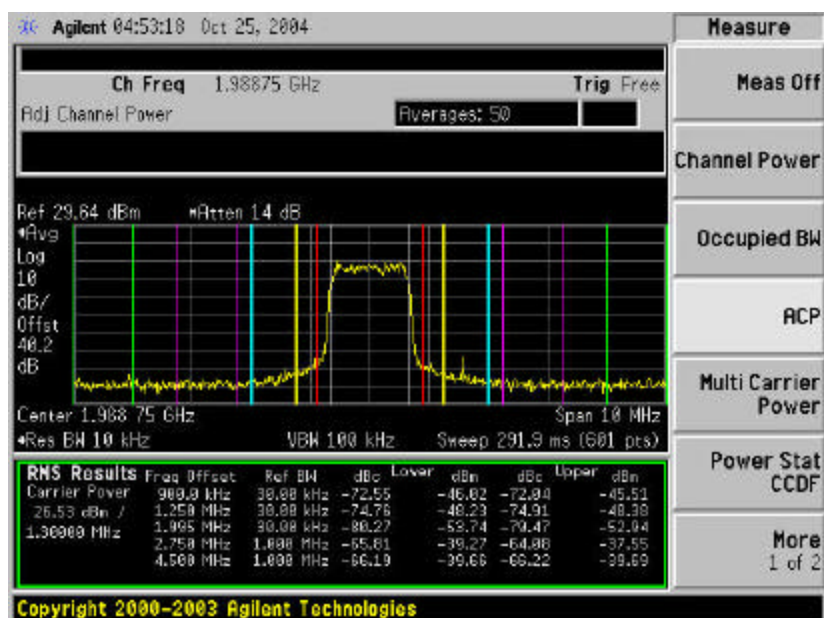
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FCC ID: IHET6EQ1

Spurious Emissions at Antenna Terminal – 0.45W Channel 1175 – 1.98875 GHz – 8PSK

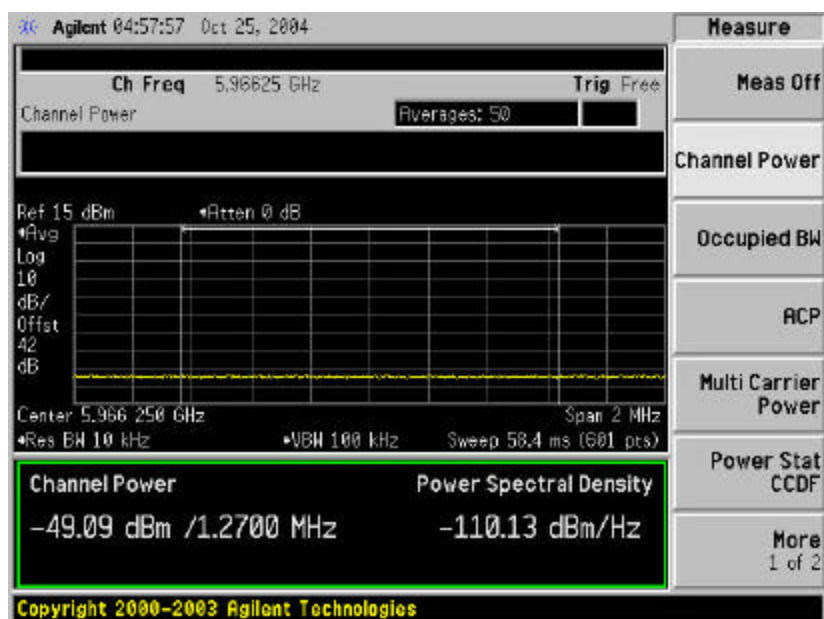
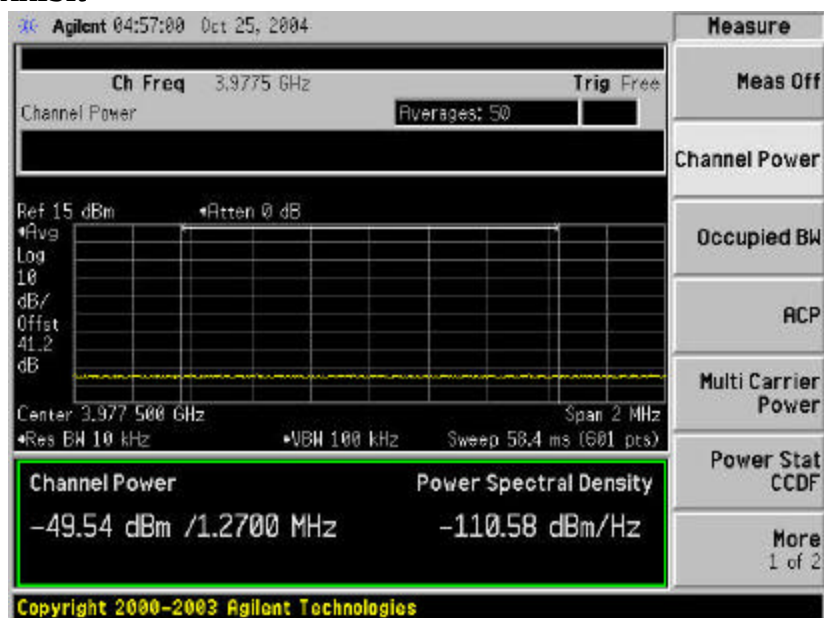


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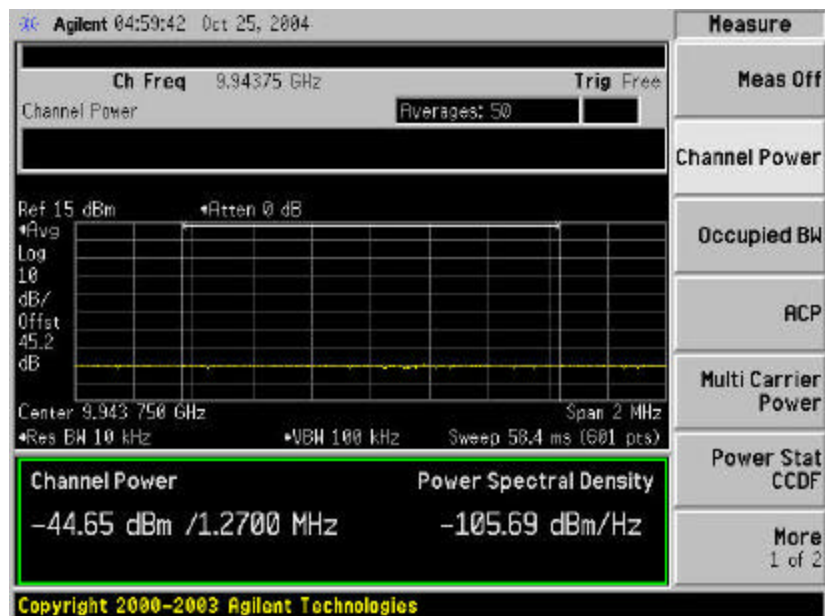
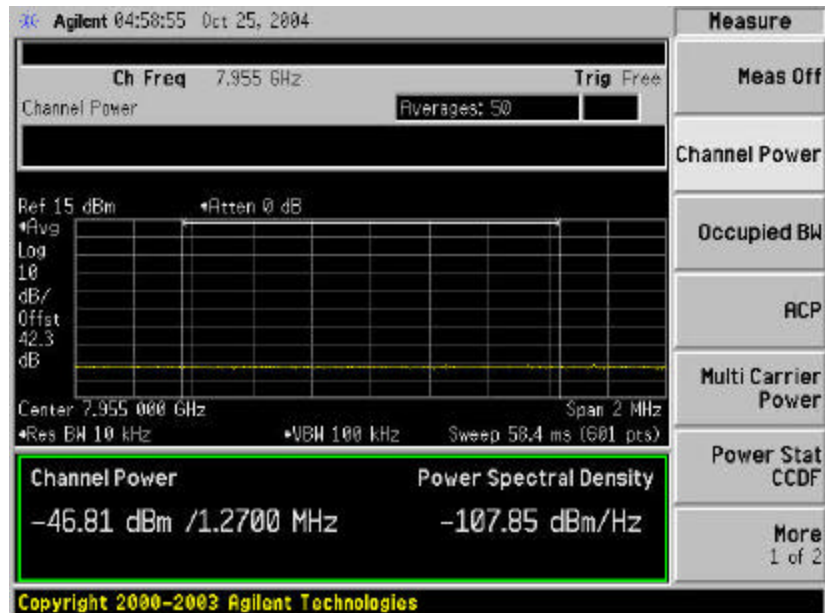


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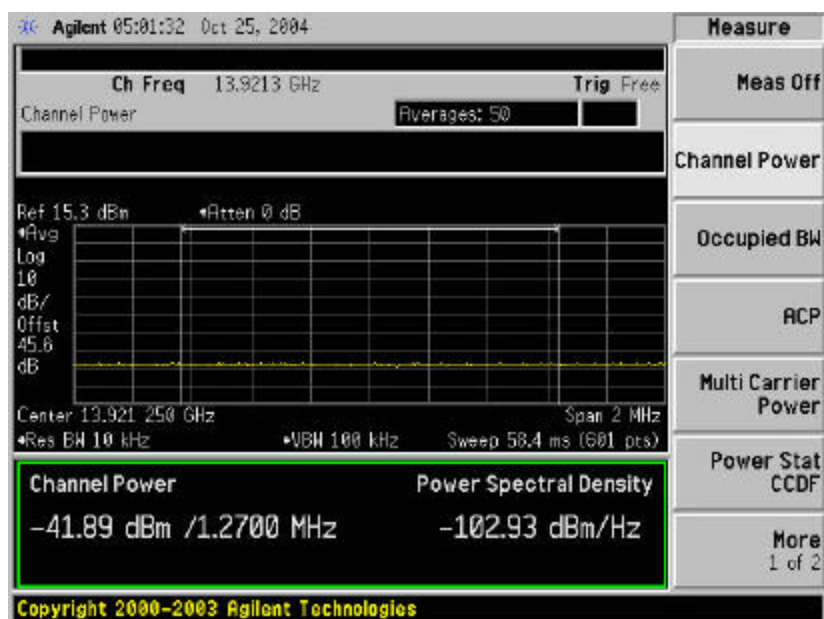
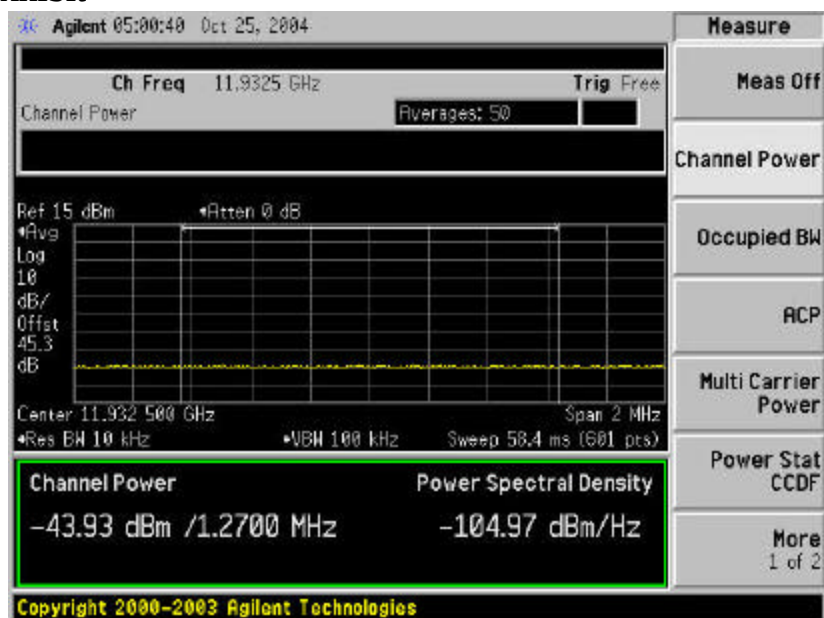


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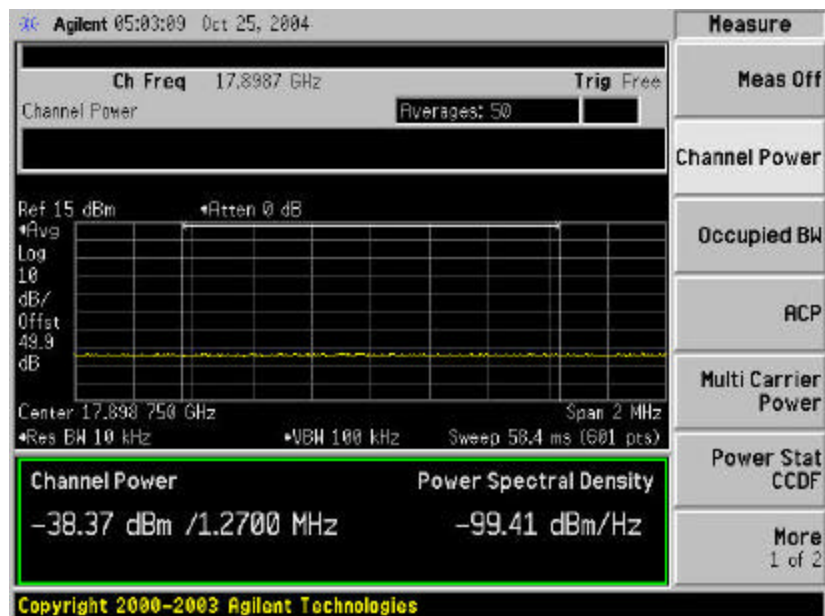
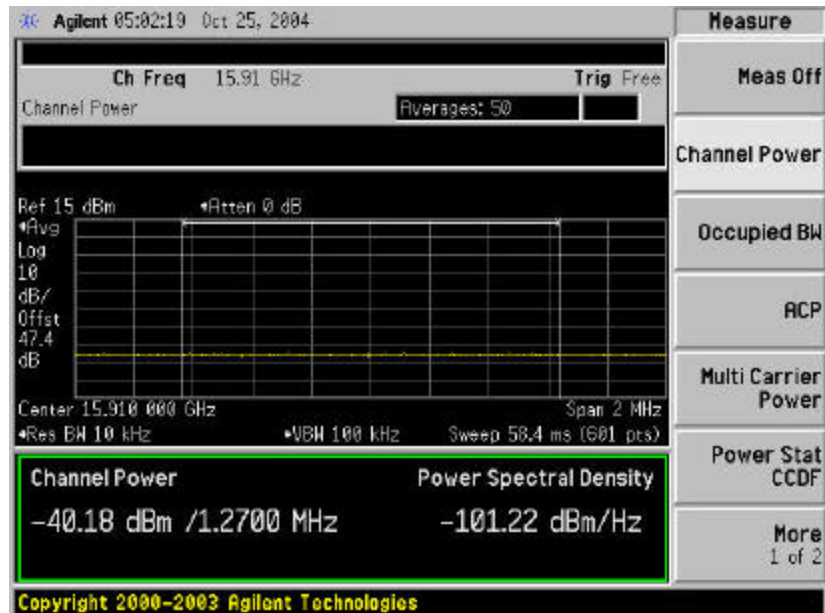


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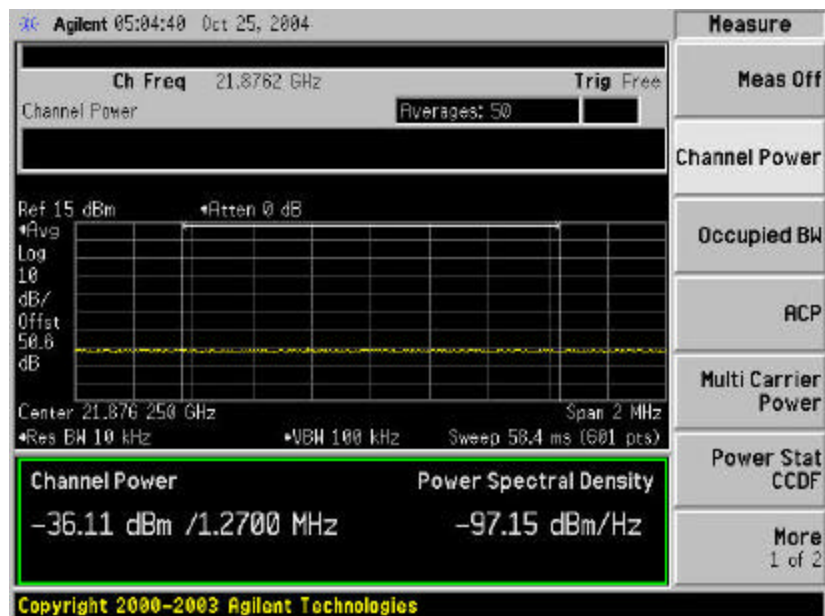
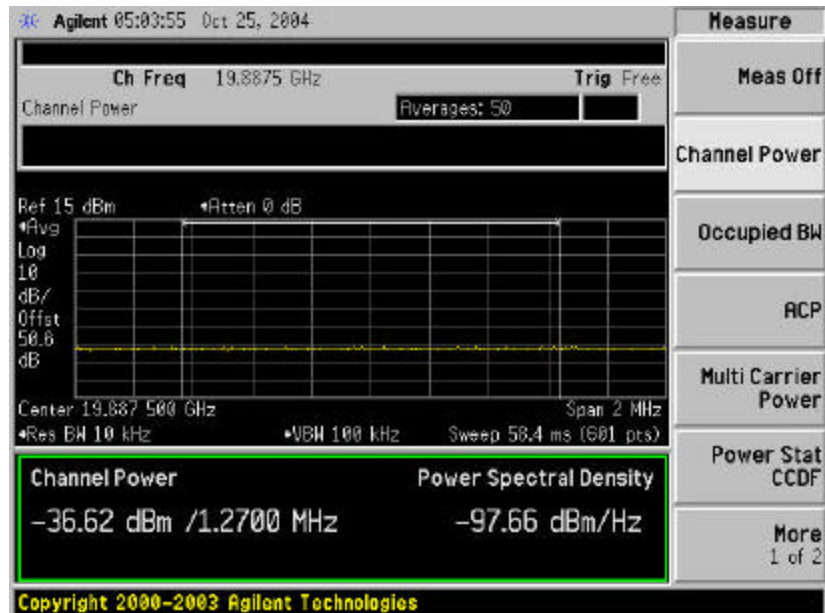


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SECTION E**Field Strength of Spurious Radiation - 47CFR2.1053****Worst case Radiated RF Spur Levels**

TRANSMIT CHANNEL	SPUR FREQUENCY (MHz)	MEASURED SIGNAL LEVEL dBuV/meter	MEASURED Signal Level (dBm)	FCC, Part 22 MAX LIMIT (dBm)
25H	15450	72.370	-22.86	-13
25V	15450	71.270	-23.96	-13
1175H	15910	71.597	-23.63	-13
1175V	15910	70.563	-24.67	-13

Converting dBuV/meter to dBm when Part 24 is done at 3 meters.

1. $(\text{dBuV/M} / 20) * (\text{Inverse Log}) = \text{uV/M}$
2. $\text{Log}(\text{uV/M} / 57735) * 20 = \text{dBm}$

If the test is done at 10 meters, the first formula would remain the same.

The 2nd is as follows $\text{Log}[(\text{uV/m} * 1/ (3 * 57735)/10)] * 20 \text{ dBm}$

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SECTION F

Frequency Stability - 47CFR2.1055

Mode	27V Power	Worst case DPPM	FCC Requirement	Pass/Fail
CSM1	85-115%	<0.02	+/- 1.5 ppm max	Pass
CSM 2	85-115%	<0.02	+/- 1.5 ppm max	Pass

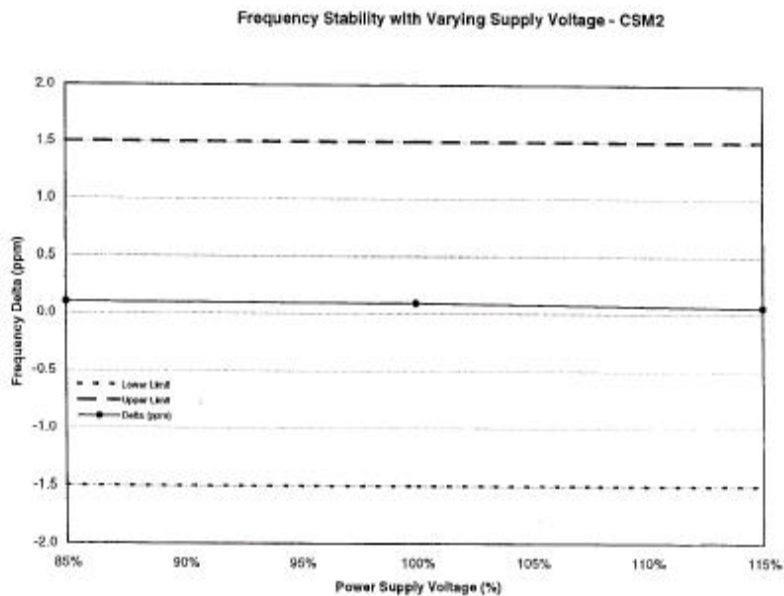
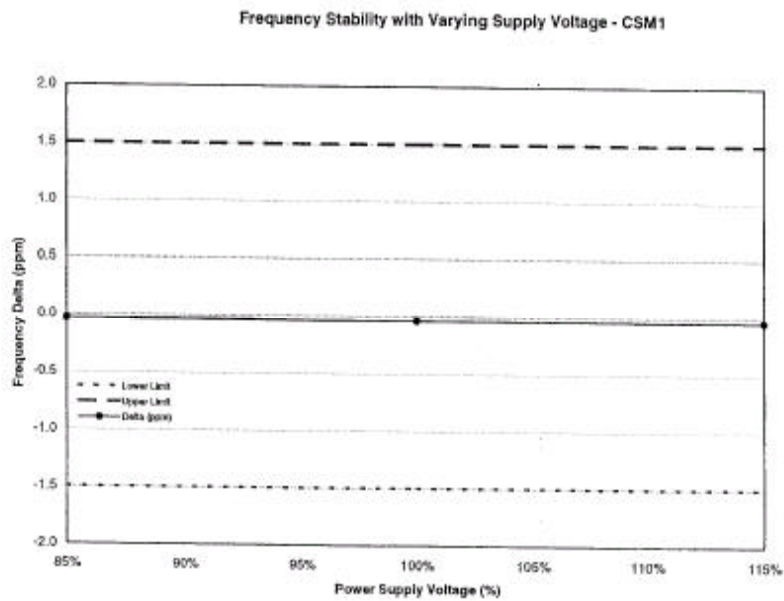
Mode	Temperature	DPPM	FCC Requirement	Pass/Fail
CSM1	-30 to +50 C	<0.02	+/- 1.5 ppm max	Pass
CSM2	-30 to +50 C	<0.02	+/- 1.5 ppm max	Pass

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