



Electromagnetic Compatibility RF Power Output Requirements

§2.1046 RF Power Output

Test Requirement(s): §2.1046 and §90.1215(a) with FCC 04-265

Test Procedures: As required by 47 CFR 2.1046, *RF power output measurements* were made at the RF output terminals using a Directional Coupler through a Spectrum Analyzer and Power Meter.

A laptop was connected to EUT to control the RF power output and frequency channel. The EUT was connected through a Directional Coupler to a Spectrum Analyzer to monitor the frequency and to a Power Meter to measure the Peak and Average power. The EUT power was adjusted enough to produce maximum output power as specified in the owner's manual. The output power was then recorded with peak and average reading. Measurements were made at the low, mid and high channels.

Test Results: Equipment complies with 47CFR 2.1046 and 90.1215(a) with FCC 04-265.

All RF Power output measurements were direct connection to RF output Terminal of EUT from a Power Meter.

RF Power Output		
Frequency (MHz)	Peak Power (dBm)	Average Power (dBm)
5 MHz		
4942.5	23.5	15.7
4967.5	23.7	15.8
4987.5	23.8	15.9
10 MHz		
4945.0	29.2	20.0
4965.0	29.2	20.0
4985.0	29.2	20.0
20 MHz		
4950.0	32.3	23.6
4965.0	32.3	23.6
4980.0	32.6	23.8

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