

Client: 2Wire	Job Number: J72573
Model: 3800HGV-B	T-Log Number: T72620
	Account Manager: Susan Pelzl
Contact: Mark Rieger	
Standard: FCC 15.247	Class: N/A

Maximum Permissible Exposure

Test Specific Details

Objective: The objective of this test session is to perform final qualification testing of the EUT with respect to the specification listed above.

Date of Test: 7/7/2008

Test Engineer: Mark Hill

General Test Configuration

Calculation uses the free space transmission formula: $S = (PG)/(4 \pi d^2)$

Where: S is power density (W/m^2), P is output power (W), G is antenna gain relative to isotropic, d is separation distance from the transmitting antenna (m).

Summary of Results

Device complies with Power Density requirements at 20cm separation:	Yes
Maximum Power Density at 20cm (W/m^2):	0.68

Modifications Made During Testing

No modifications were made to the EUT during testing

Deviations From The Standard

No deviations were made from the requirements of the standard.

Use: General Antenna: 3.15 dBi

802.11b mode

Freq. MHz	EUT Power		Cable Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2
	dBm	mW*						
2412	15.7	37.2	0	3.15	15.7	76.74	0.015	1.000
2437	22.2	166.0	0	3.15	22.2	342.77	0.068	1.000
2462	15.7	37.2	0	3.15	15.7	76.74	0.015	1.000

802.11g mode

Freq. MHz	EUT Power		Cable Loss dB	Ant Gain dBi	Power at Ant dBm	EIRP mW	Power Density (S) at 20 cm mW/cm^2	MPE Limit at 20 cm mW/cm^2
	dBm	mW*						
2412	16.2	41.7	0	3.15	16.2	86.10	0.017	1.000
2437	22.0	158.5	0	3.15	22.0	327.34	0.065	1.000
2462	16.0	39.8	0	3.15	16.0	82.22	0.016	1.000