



## EMC Test Data

Client:	Askey Computer Corporation	Job Number:	J78103
Model:	WLU6113-D69	T-Log Number:	T78124
Contact:	Jerry Chen	Account Manager:	Dean Eriksen
Standard:	FCC Part 15	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:

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 ( $\text{W/m}^2$ ), 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 ( $\text{mW/cm}^2$ ) @ 20cm	0.011

#### 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.



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Use: General  
Antenna: N/A - Power measured radiated

### 802.11g

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
2412	15.2	33.1	0	0	15.2	33.11	0.007	1.000
2457	17.3	53.7	0	0	17.3	53.70	0.011	1.000
2462	12.7	18.6	0	0	12.7	18.62	0.004	1.000

### 802.11b

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
2412	17.2	52.5	0	0	17.2	52.48	0.010	1.000
2437	16.7	46.8	0	0	16.7	46.77	0.009	1.000
2462	15.4	34.7	0	0	15.4	34.67	0.007	1.000