

Client: Intel Corporation	Job Number: J86298
Model: 105BNHU	T-Log Number: T86324
	Account Manager: Christine Krebill
Contact: Steve Hackett	
Standard: FCC Part 15, RSS-210	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: 5/1/2012

Test Engineer: David Bare

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
If not, required separation distance (in cm):	-

Use: General

Antenna: Dipole

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	21.3	134.9	0	1.9	21.3	208.93	0.042	1.000
2437	21.4	138.0	0	1.9	21.4	213.80	0.043	1.000
2462	19.6	91.2	0	1.9	19.6	141.25	0.028	1.000

For the cases where S > the MPE Limit

Freq. MHz	S @ 20 cm mW/cm^2	MPE Limit mW/cm^2	Distance where S <= MPE Limit
2412	0.042	1.000	4.1cm
2437	0.043	1.000	4.1cm
2462	0.028	1.000	3.4cm