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|-----------|--------------------|------------------|-------------------|
| Client: | Ambient Systems | Job Number: | J75672 |
| Model: | Gateway (GW3000) | T-Log Number: | T75760 |
| Contact: | Bob Ashlock | Account Manager: | Christine Krebill |
| Standard: | FCC 15.247/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: 7/28/2009

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 (mW/cm^2) | 0.114 |

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: 5dBi

| 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* | | | | | | |
| 2429 | 21.9 | 154.9 | 0 | 5 | 21.9 | 489.78 | 0.097 | 1.000 |
| 2425 | 22.6 | 182.0 | 0 | 5 | 22.6 | 575.44 | 0.114 | 1.000 |
| 2440 | 22.2 | 166.0 | 0 | 5 | 22.2 | 524.81 | 0.104 | 1.000 |
| 2450 | 22.2 | 166.0 | 0 | 5 | 22.2 | 524.81 | 0.104 | 1.000 |
| 2455 | 21.2 | 131.8 | 0 | 5 | 21.2 | 416.87 | 0.083 | 1.000 |