

Date : 02/17/2009

Tested by : Greg Barbato

Approved by : K. Eskildsen

MODEL: 5820

Test method: ANSI C63.4 - 2004

Test specification: FCC Part 15, Sub-part C and RSS 210 , Issue 7

Notes: (1) Fo = 345MHz. (2) Detector = Peak (3) Frequency range scanned to 4 GHz.

Emissions not reported were more than 20dB below the specified unit.

[(Meter reading + Cable/Amp factor + Antenna factor) / 20 ]

(4) Conv. Reading = 10

(5) Corr. Reading = Conv. Reading X Duty Cycle

(6) Six Highest Emissions Recorded

| Freq.<br>(MHz) | Antenna<br>Polarity<br>(V/H) | Meter<br>Reading<br>(dB uV) | Cable/Amp<br>Factor<br>(dB)         | Antenna<br>Factor<br>(dB/m)                        | Conv.<br>Reading<br>(uV/M) | Duty<br>Cycle<br>(%) | Corr.<br>Reading<br>(uV/M) | Limit<br>@ 3M<br>(uV/M) |
|----------------|------------------------------|-----------------------------|-------------------------------------|----------------------------------------------------|----------------------------|----------------------|----------------------------|-------------------------|
| 30             |                              |                             | LAST CAL<br>04 Aug 08<br>CABLE<br>C | LAST CAL<br>02 May 08<br>BICONILOG<br>S/N:00045682 |                            |                      |                            | 729                     |
| 345            | v                            | 63.41                       | 2.3                                 | 14.60                                              | 10363.3                    | 10.0%                | 1036.3                     | 7292                    |
| 690            | h                            | 32.69                       | 3.2                                 | 19.80                                              | 608.8                      | 10.0%                | 60.9                       | 729                     |
| 1035           | v                            | 28.39                       | 4.4                                 | 24.27                                              | 712.9                      | 10.0%                | 71.3                       | 500                     |
| 1380           | v                            | 25.75                       | 4.9                                 | 26.46                                              | 717.0                      | 10.0%                | 71.7                       | 500                     |
| 1725           | v                            | 24.88                       | 5.5                                 | 28.65                                              | 894.3                      | 10.0%                | 89.4                       | 729                     |
| 2070           | v                            | 26.11                       | 6.4                                 | 30.52                                              | 1417.4                     | 10.0%                | 141.7                      | 729                     |
| 2415           | v                            | 21.11                       | 6.9                                 | 32.11                                              | 1013.9                     | 10.0%                | 101.4                      | 729                     |
| 2760           | v                            | 20.71                       | 7.4                                 | 31.88                                              | 998.8                      | 10.0%                | 99.9                       | 500                     |
| 3105           | v                            | 22.09                       | 7.9                                 | 31.89                                              | 1241.7                     | 10.0%                | 124.2                      | 729                     |
| 3450           | v                            | 24.06                       | 9.2                                 | 33.82                                              | 2259.4                     | 10.0%                | 225.9                      | 729                     |
| 4000           |                              |                             | LAST CAL<br>04 Aug 08<br>CABLE<br>C | LAST CAL<br>02 May 08<br>BICONILOG<br>S/N:00045682 |                            |                      |                            |                         |