

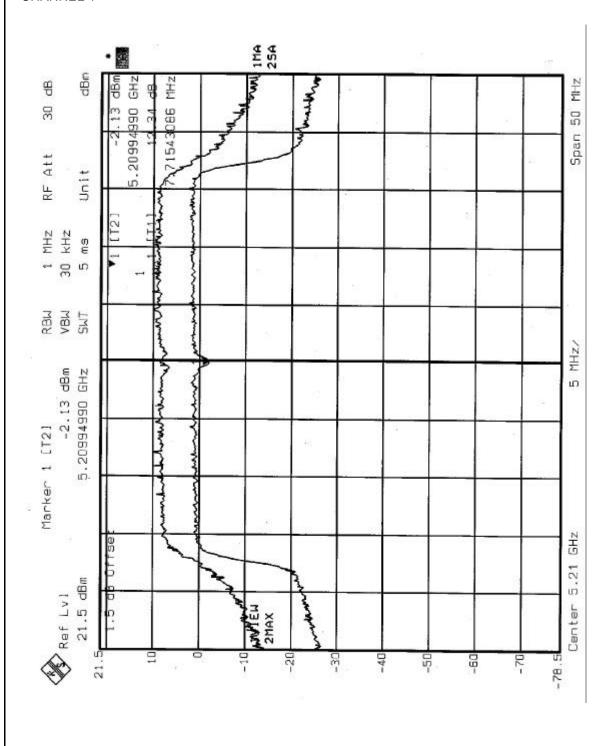




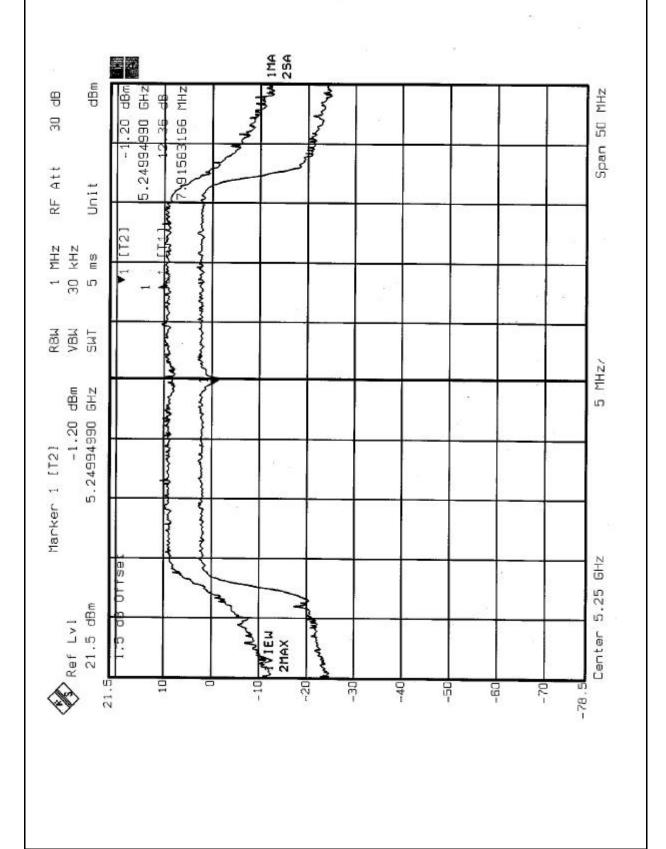
| EUT                      | WLAN Access Point 2220    | MODEL                | WLAN Access<br>Point 2220 |
|--------------------------|---------------------------|----------------------|---------------------------|
| MODE                     | Turbo                     | INPUT POWER (SYSTEM) | 120Vac, 60 Hz             |
| ENVIRONMENTAL CONDITIONS | 20eg. C, 60RH,<br>976 hPa | TESTED BY            | Hank Chung                |

| CHANNEL | CHANNEL<br>FREQUENCY<br>(MHz) | PEAK POWER<br>EXCURSION<br>(dB) | PEAK to<br>AVERAGE<br>EXCURSION LIMIT<br>(dB) | PASS/FAIL |
|---------|-------------------------------|---------------------------------|---|-----------|
| 1       | 5210                          | 12.34                           | 13  | PASS      |
| 2       | 5250                          | 12.36                           | 13  | PASS      |
| 3       | 5290                          | 11.74                           | 13  | PASS      |
| 4       | 5760                          | 12.48                           | 13  | PASS      |
| 5       | 5800                          | 12.37                           | 13  | PASS      |

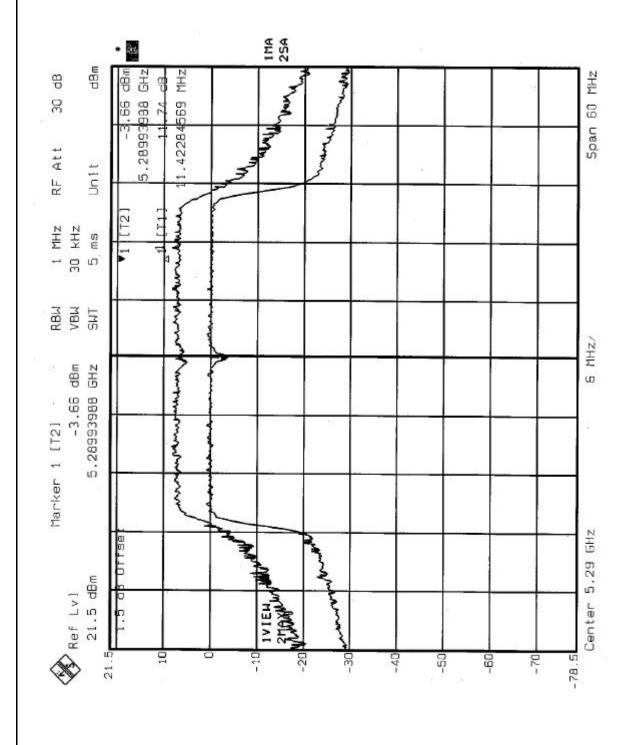




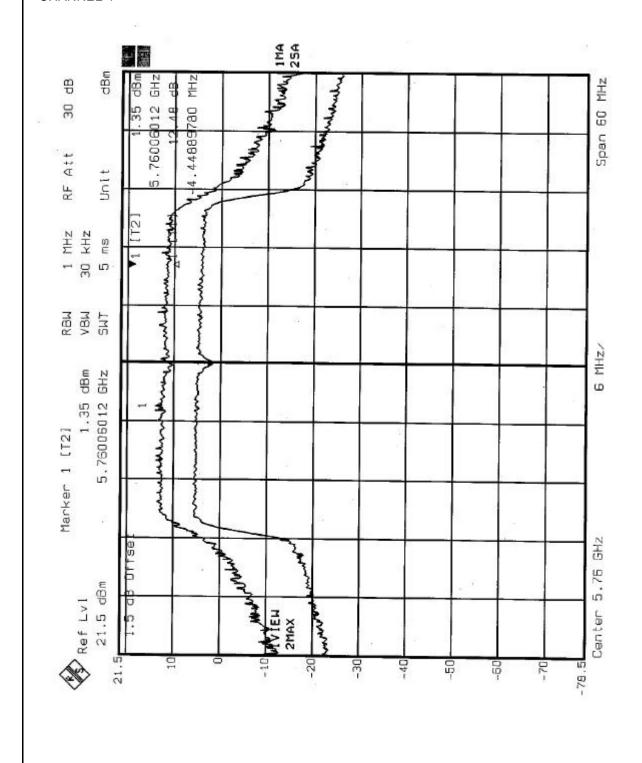




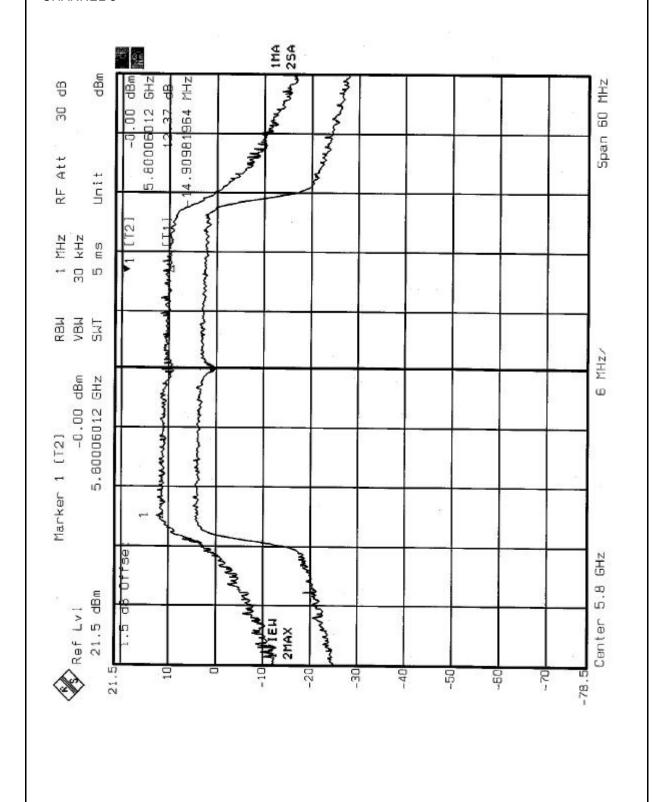














Issued: Mar. 17, 2003

### 5.5 PEAK POWER SPECTRAL DENSITY MEASUREMENT

# 5.5.1 LIMITS OF PEAK POWER SPECTRAL DENSITY MEASUREMENT

| Frequency Band    | Limit |  |
|-------------------|-------|--|
| 5.15 – 5.25 GHz   | 4dBm  |  |
| 5.25 – 5.35 GHz   | 11dBm |  |
| 5.725 – 5.825 GHz | 17dBm |  |

# 5.5.2 TEST INSTRUMENTS

| Description & Manufacturer | Model No. | Serial No. | Calibrated Until |
|----------------------------|-----------|------------|------------------|
| SPECTRUM ANALYZER          | FSEK30    | 100049     | July 24, 2003    |

#### NOTE:

The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.



# 5.5.3 TEST PROCEDURES

- 1. The transmitter output was connected to the spectrum analyzer.
- 2. Set RBW=1MHz, VBW=3MHz. The PPSD is the highest level found across the emission in any 1MHz band.

### 5.5.4 DEVIATION FROM TEST STANDARD

No deviation

### 5.5.5 TEST SETUP

EUT SPECTRUM ANALYZER

#### 5.5.6 EUT OPERATING CONDITIONS

Same as 5.3.6

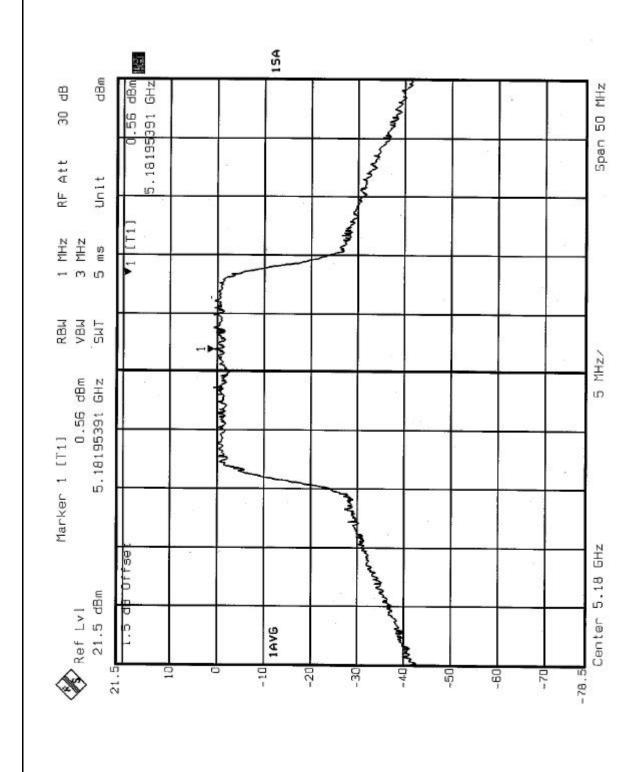


# 5.5.7 TEST RESULTS

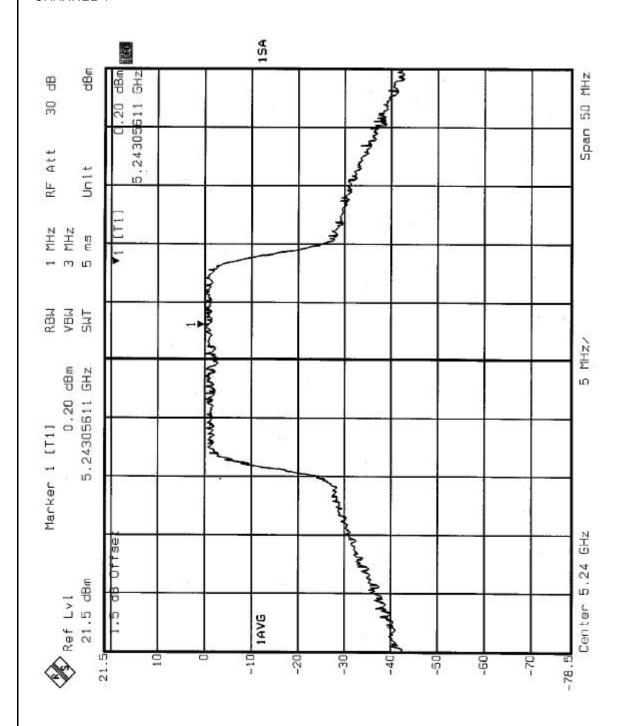
| EUT                      | WLAN Access Point 2220    | MODEL                | WLAN Access<br>Point 2220 |
|--------------------------|---------------------------|----------------------|---------------------------|
| MODE                     | Normal                    | INPUT POWER (SYSTEM) | 120Vac, 60 Hz             |
| ENVIRONMENTAL CONDITIONS | 20eg. C, 60RH,<br>976 hPa | TESTED BY            | Hank Chung                |

| CHANNEL<br>NUMBER | CHANNEL<br>FREQUENCY<br>(MHz ) | RF POWER LEVEL IN<br>1 MHz BW<br>(dBm) | MAXIMUM<br>LIMIT<br>(dBm) | PASS/FAIL |
|-------------------|--------------------------------|--|---------------------------|-----------|
| 1                 | 5180                           | 0.56                                   | 4                         | PASS      |
| 4                 | 5240                           | 0.2                                    | 4                         | PASS      |
| 5                 | 5260                           | 7.76                                   | 11                        | PASS      |
| 8                 | 5320                           | 6.16                                   | 11                        | PASS      |
| 9                 | 5745                           | 6.45                                   | 17                        | PASS      |
| 12                | 5805                           | 6.09                                   | 17                        | PASS      |

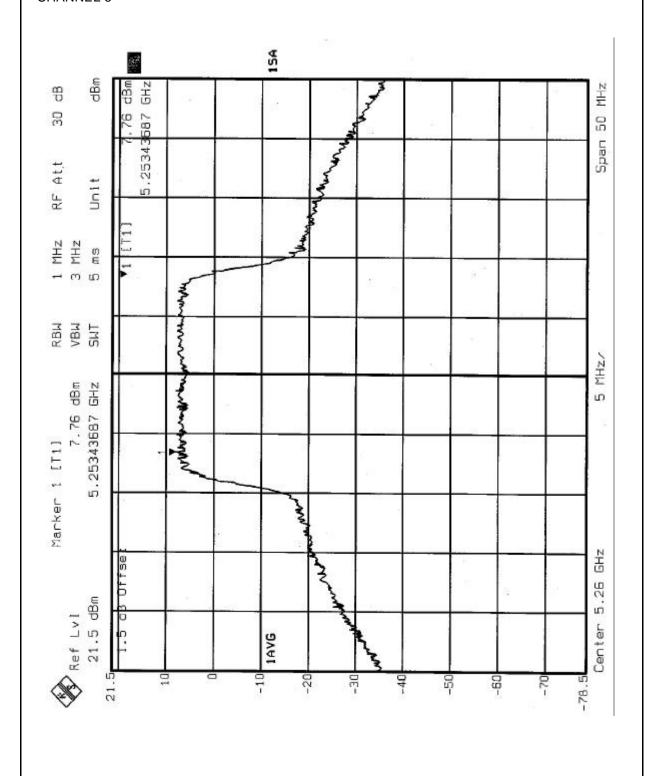




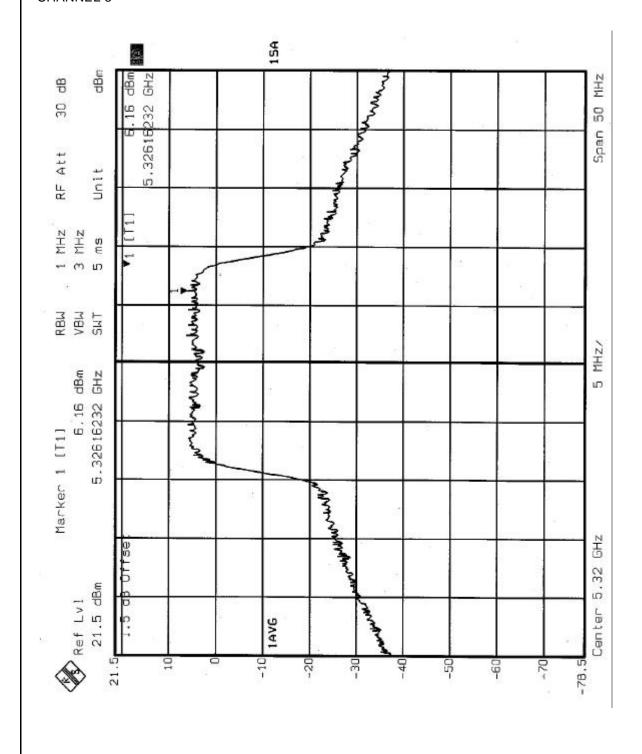




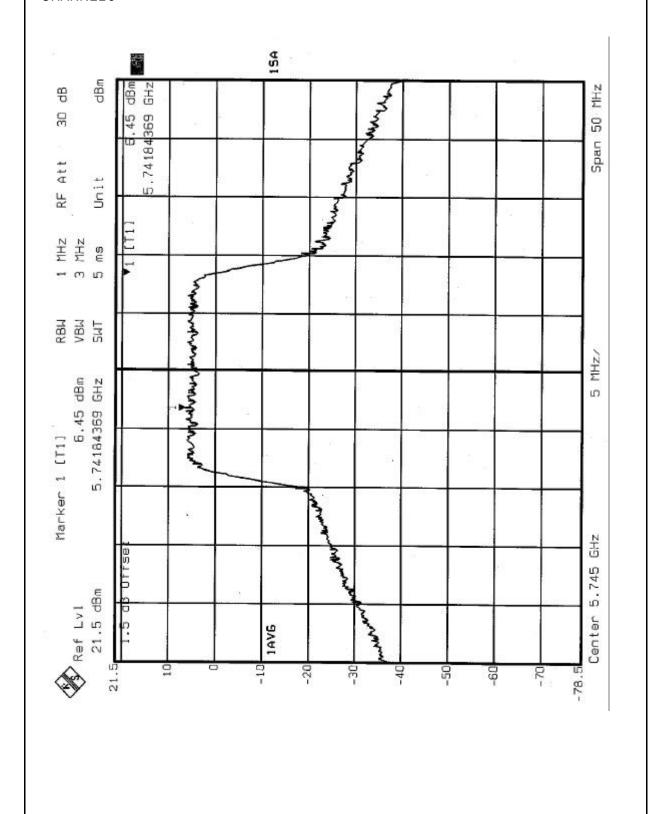














**CHANNEL 12** 

