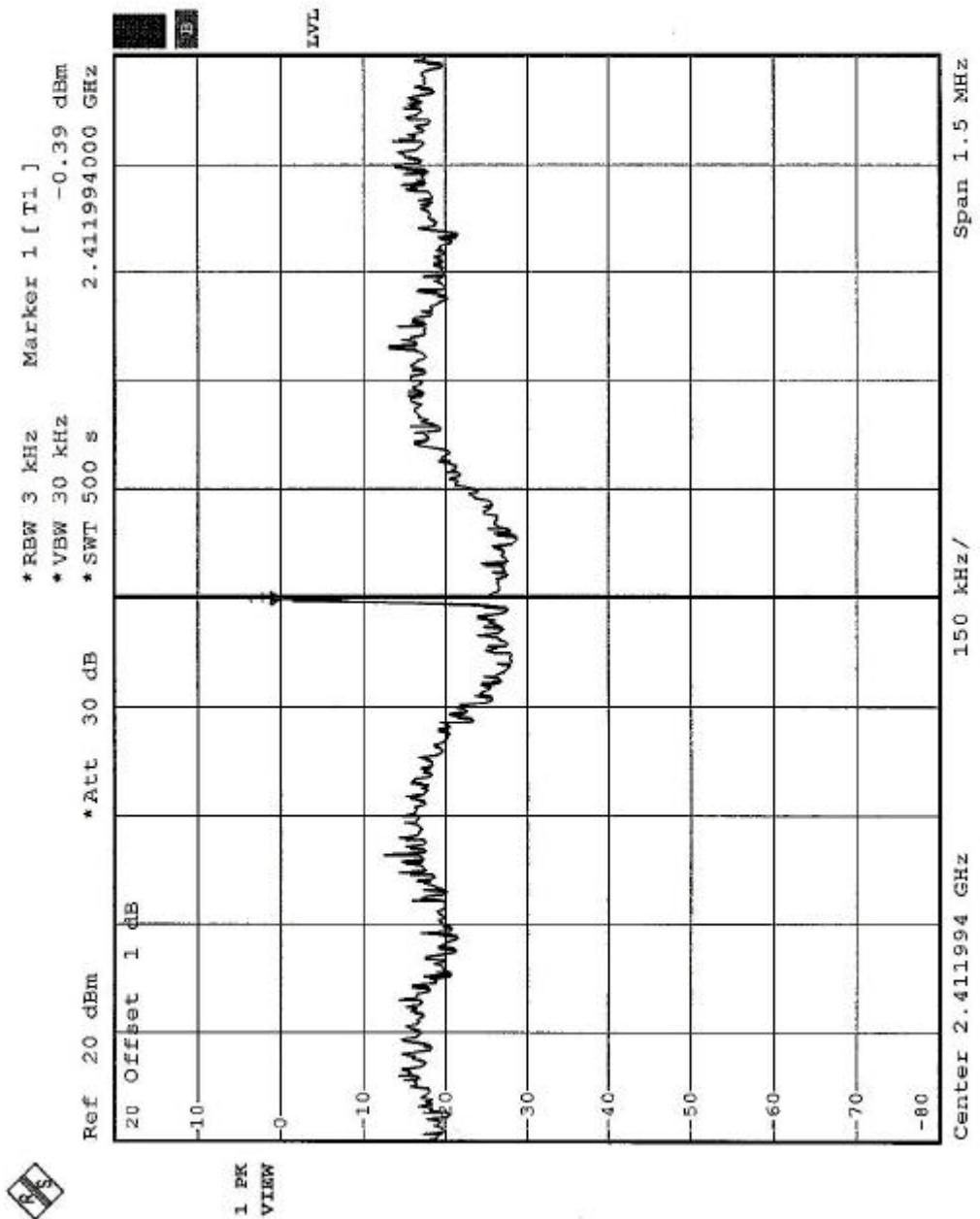
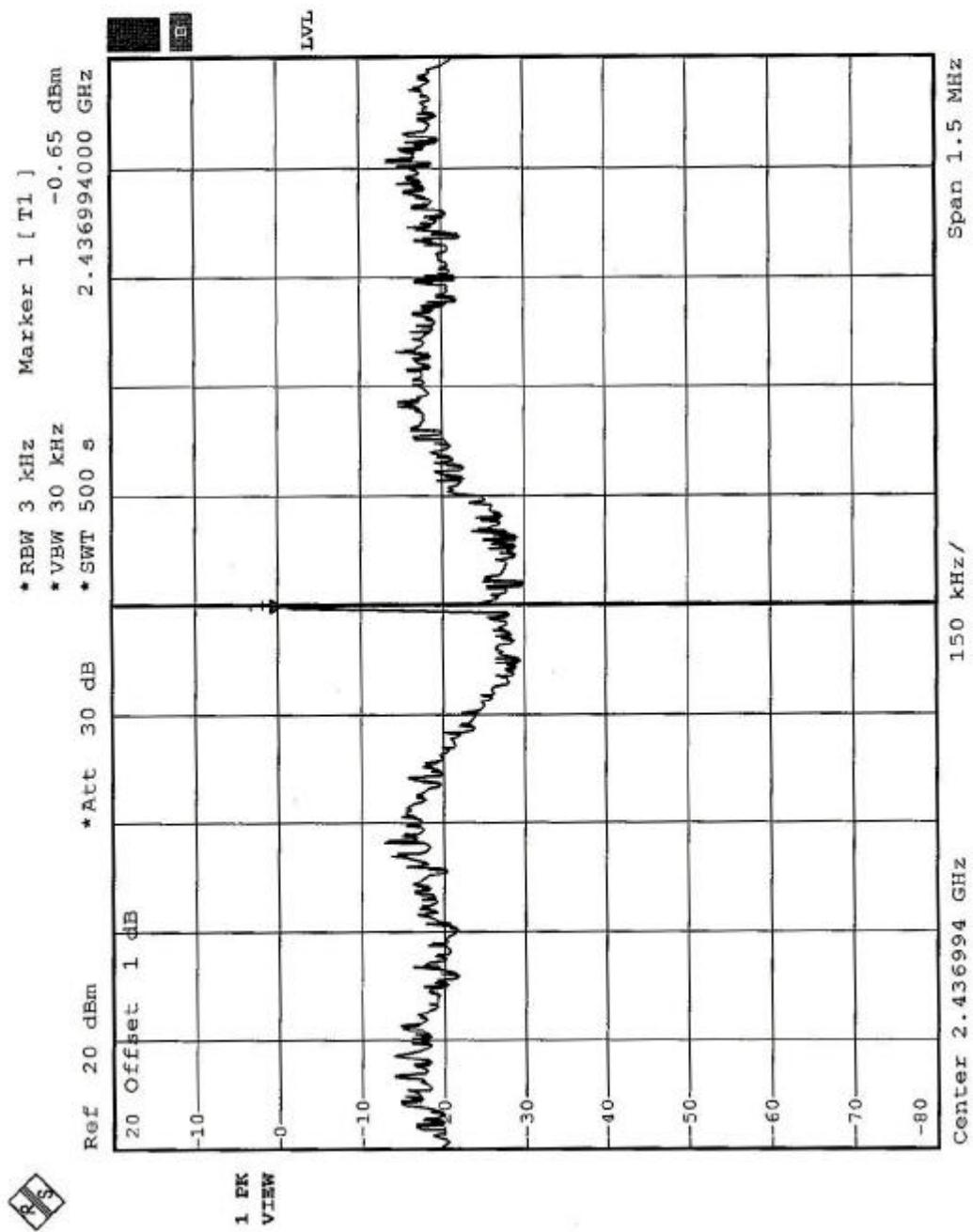


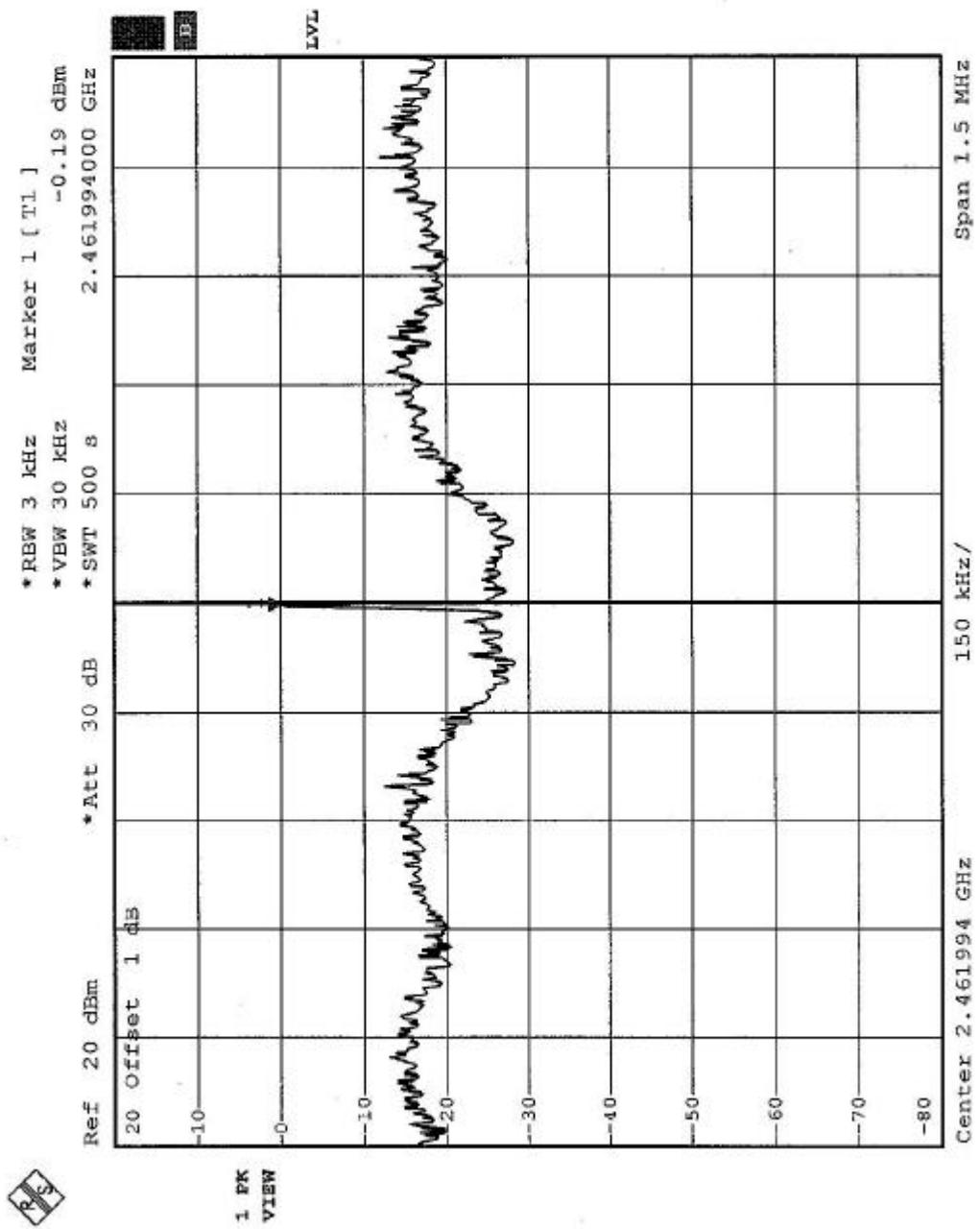
CH1



CH6



CH11





4.6 BAND EDGES MEASUREMENT

4.6.1 LIMITS OF BAND EDGES MEASUREMENT

Below -20dB of the highest emission level of operating band (in 100KHz Resolution Bandwidth).

4.6.2 TEST INSTRUMENTS

| Description & Manufacturer | Model No. | Serial No. | Calibrated Until |
|----------------------------|-----------|--------------|------------------|
| R&S SPECTRUM ANALYZER | FSP | 1093.4495.30 | Dec. 19, 2003 |

NOTE:

- 1.The measurement uncertainty is less than +/- 2.6dB, which is calculated as per the NAMAS document NIS81.
- 2.The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.

4.6.3 TEST PROCEDURE

The transmitter output was connected to the spectrum analyzer via a low loss cable. Set both RBW and VBW of spectrum analyzer to 100 kHz with suitable frequency span including 100 kHz bandwidth from band edge. The band edges was measured and recorded.

4.6.4 DEVIATION FROM TEST STANDARD

No deviation



4.6.5 EUT OPERATING CONDITION

Same as Item 4.3.6

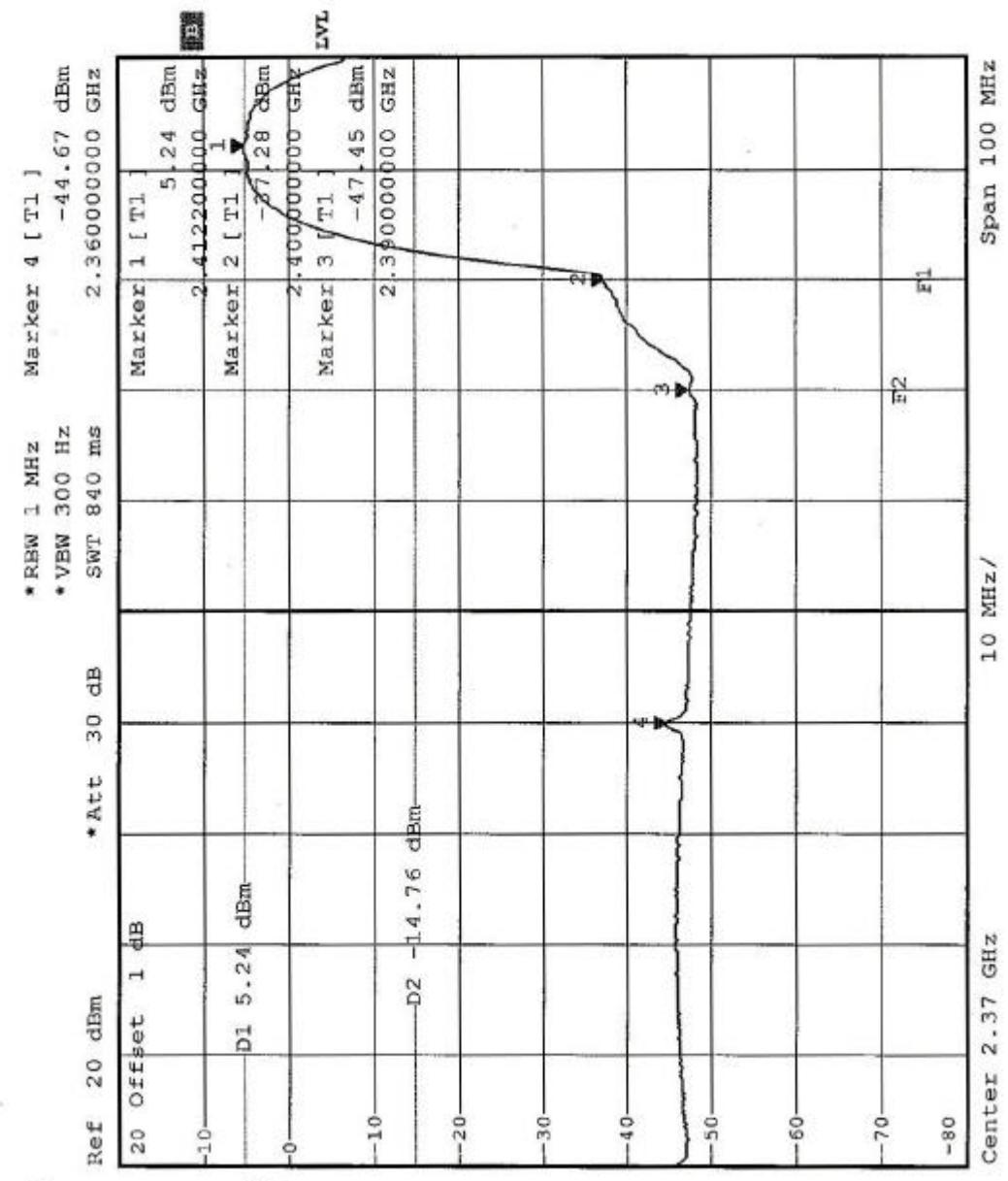
4.6.6 TEST RESULTS (A)

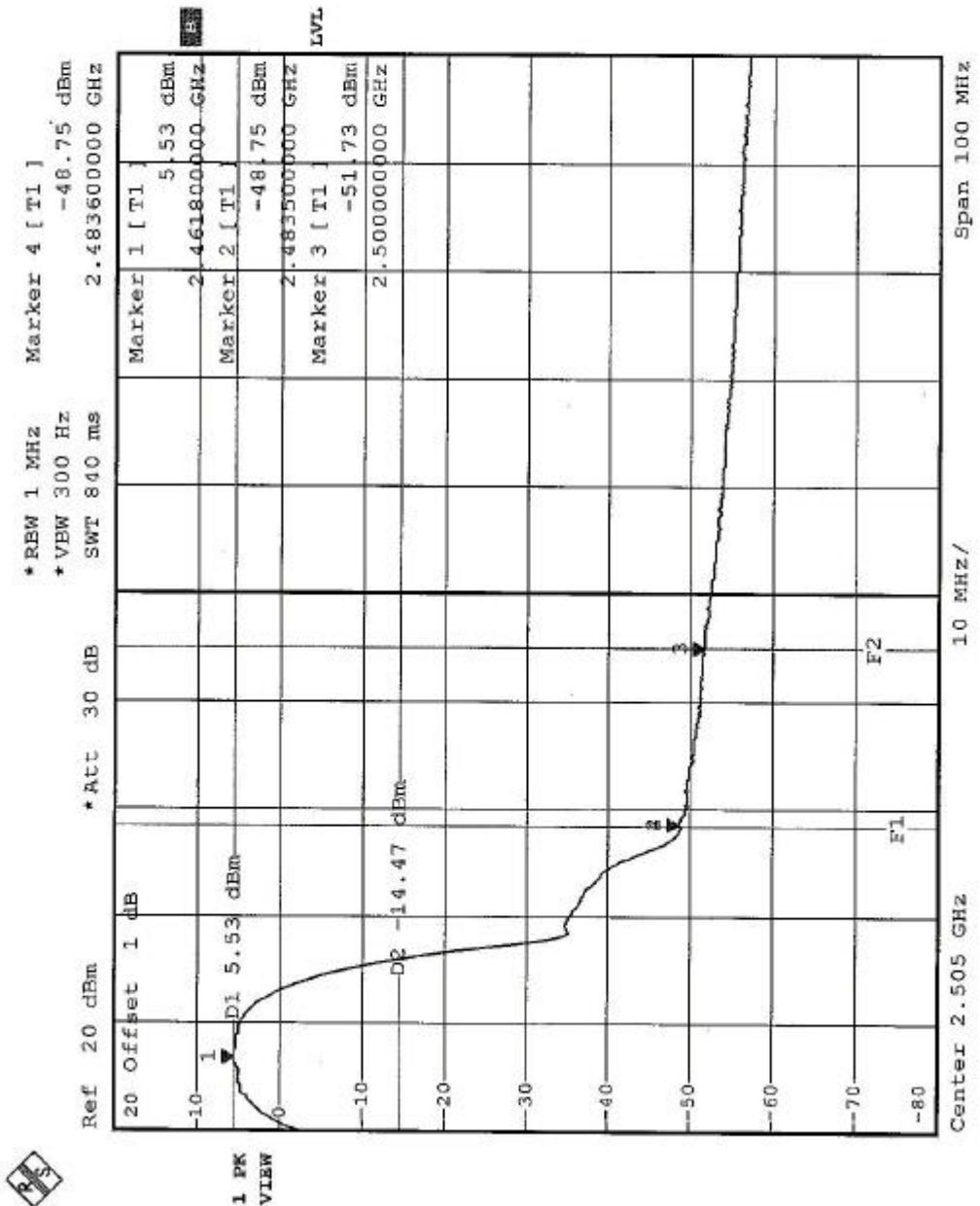
The spectrum plots are attached on the following 2 pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D2. It shows compliance with the requirement in part 15.247(C).

NOTE (1): The band edge emission plot on the following first page shows 52.69dB delta between carrier maximum power and local maximum emission in restrict band (2.3900GHz). The emission of carrier strength list in the test result of channel 1 at the item 4.2 is 104.1dB_V/m, so the maximum field strength in restrict band is $104.1 - 52.69 = 51.41$ dB_V/m which is under 54 dB_V/m limit.

We use the "delta" technique for measuring emissions up to 2 MHz removed from the band-edge, and the 2.3900GHz is the worst one , the delta is 52.69dB. Radiated emissions (2.360GHz) that are measured and meet the requirement of 15.247(c) limit. (Please reference page 25)

NOTE (2): The band edge emission plot on the following second page shows 54.28 dB delta between carrier maximum power and local maximum emission in restrict band (2.4835GHz). The emission of carrier strength list in the test result of channel 11 at the item 4.2 is 103.1dB_V/m, so the maximum field strength in restrict band is $103.1 - 54.28 = 48.82$ dB_V/m which is under 54 dB_V/m limit.







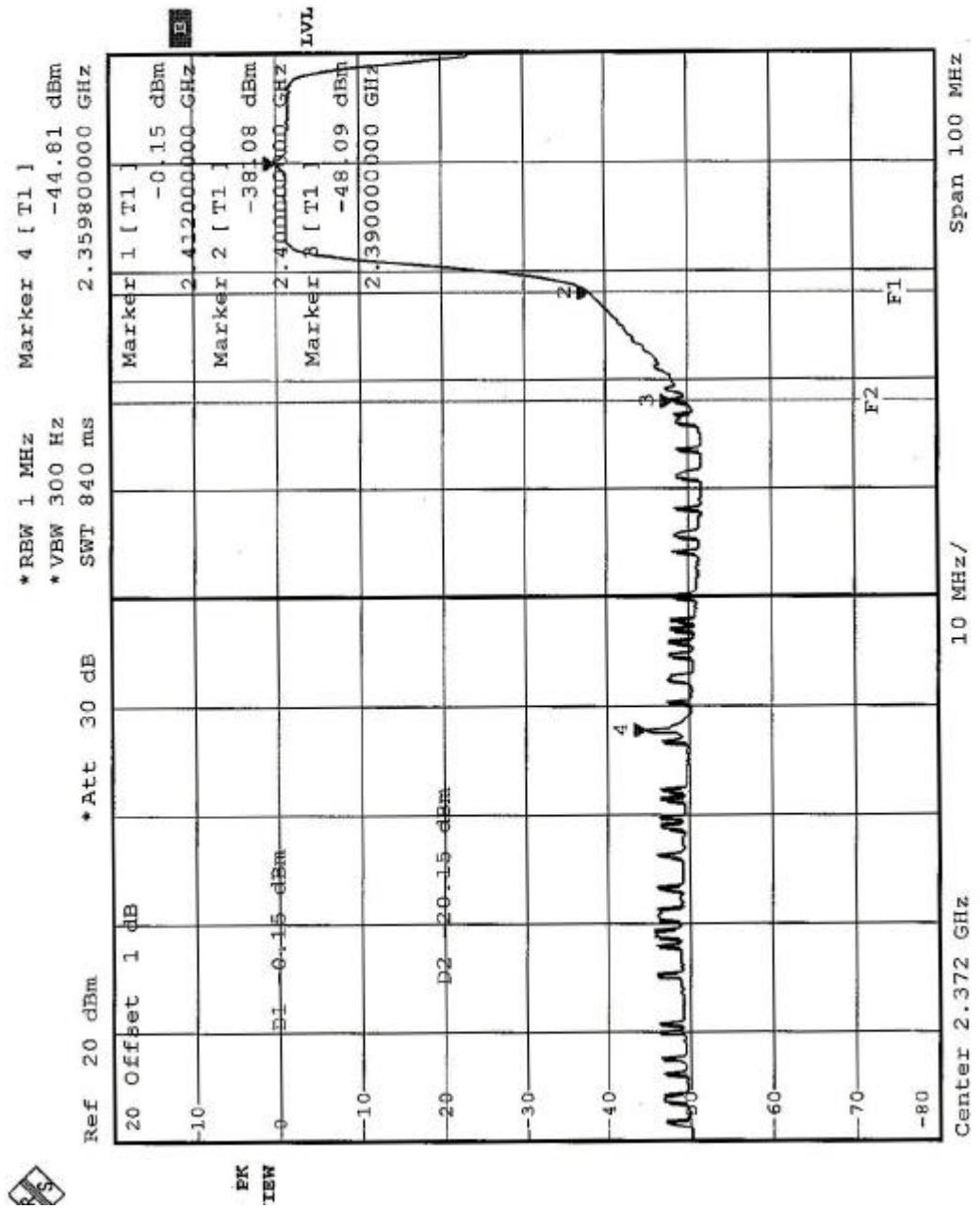
4.6.7 TEST RESULTS (B)

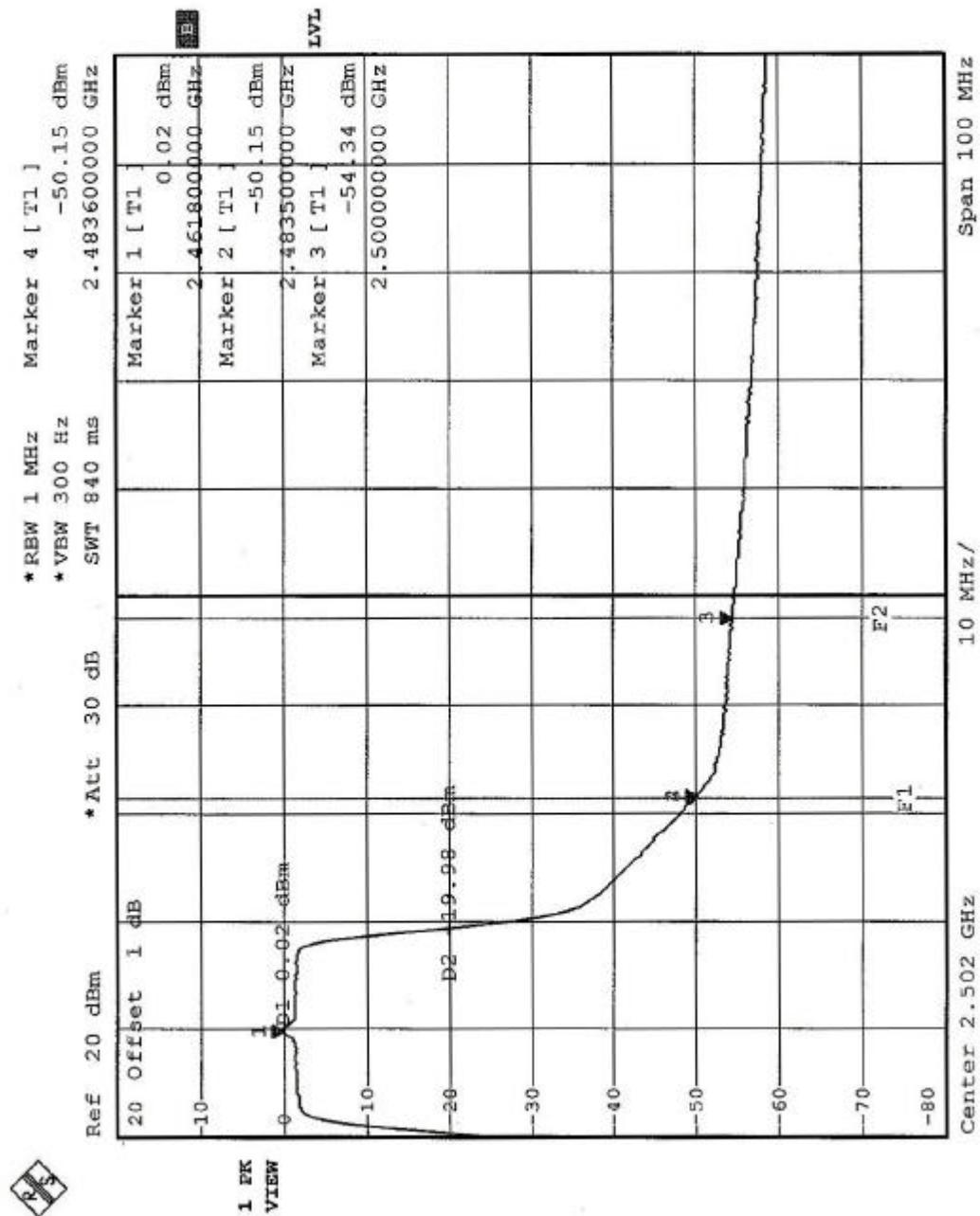
The spectrum plots are attached on the following 2 pages. D1 line indicates the highest level, and D2 line indicates the 20dB offset below D2. It shows compliance with the requirement in part 15.247(C).

NOTE (1): The band edge emission plot on the following first page shows 47.94dB delta between carrier maximum power and local maximum emission in restrict band (2.3900GHz). The emission of carrier strength list in the test result of channel 1 at the item 4.2 is 100.9dB_V/m, so the maximum field strength in restrict band is $100.9 - 47.94 = 52.96$ dB_V/m which is under 54 dB_V/m limit.

We use the "delta" technique for measuring emissions up to 2 MHz removed from the band-edge, and the 2.3900GHz is the worst one , the delta is 47.94dB. Radiated emissions (2.360GHz) that are measured and meet the requirement of 15.247(c) limit. (Please reference page 28)

NOTE (2): The band edge emission plot on the following second page shows 50.17 dB delta between carrier maximum power and local maximum emission in restrict band (2.4835GHz). The emission of carrier strength list in the test result of channel 11 at the item 4.2 is 101.7dB_V/m, so the maximum field strength in restrict band is $101.7 - 50.17 = 51.53$ dB_V/m which is under 54 dB_V/m limit.







4.7 ANTENNA REQUIREMENT

4.7.1 STANDARD APPLICABLE

For intentional device, according to FCC 47 CFR Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device. And according to FCC 47 CFR Section 15.247 (b), if transmitting antennas of directional gain greater than 6dBi are used, the power shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6dBi.

4.7.2 ANTENNA CONNECTED CONSTRUCTION

The antenna used in this product is Dual Band Omni-directional Antenna with I-Pex MHF-20278-111R-18 connector. The maximum Gain of the antenna is 1.82dBi.



5. TEST TYPES AND RESULTS (FOR PART 802.11a)

5.1 CONDUCTED EMISSION MEASUREMENT

5.1.1 LIMITS OF CONDUCTED EMISSION MEASUREMENT

| FREQUENCY OF EMISSION (MHz) | CONDUCTED LIMIT (dB μ V) | |
|-----------------------------|------------------------------|----------|
| | Quasi-peak | Average |
| 0.15-0.5 | 66 to 56 | 56 to 46 |
| 0.5-5 | 56 | 46 |
| 5-30 | 60 | 50 |

- NOTE:**
1. The lower limit shall apply at the transition frequencies.
 2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50 MHz.
 3. All emanations from a class A/B digital device or system, including any network of conductors and apparatus connected thereto, shall not exceed the level of field strengths specified above.

5.1.2 TEST INSTRUMENTS

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED UNTIL |
|-----------------------------------|-----------|-------------|------------------|
| ROHDE & SCHWARZ Test Receiver | ESCS 30 | 847124/029 | Dec. 4, 2004 |
| ROHDE & SCHWARZ LISN (for EUT) | ESHS-Z5 | 848773/004 | Nov. 04, 2004 |
| KYORITSU LISN (for peripheral) | KNW-407 | 8/1395/12 | Jul. 27, 2004 |
| RF Cable (JETBAO) | RG233/U | Cable_CA_01 | Jul. 03, 2004 |
| Terminator(for KYORITSU) | 50 | 3 | Apr. 11, 2004 |
| Software | Cond-V2e | NA | NA |

- NOTE:**
1. The calibration interval of the above test instruments is 12 months and the calibrations are traceable to NML/ROC and NIST/USA.
 2. The test was performed in ADT Shielded Room No. A.
 3. The VCCI Con A Registration No. is C-817.

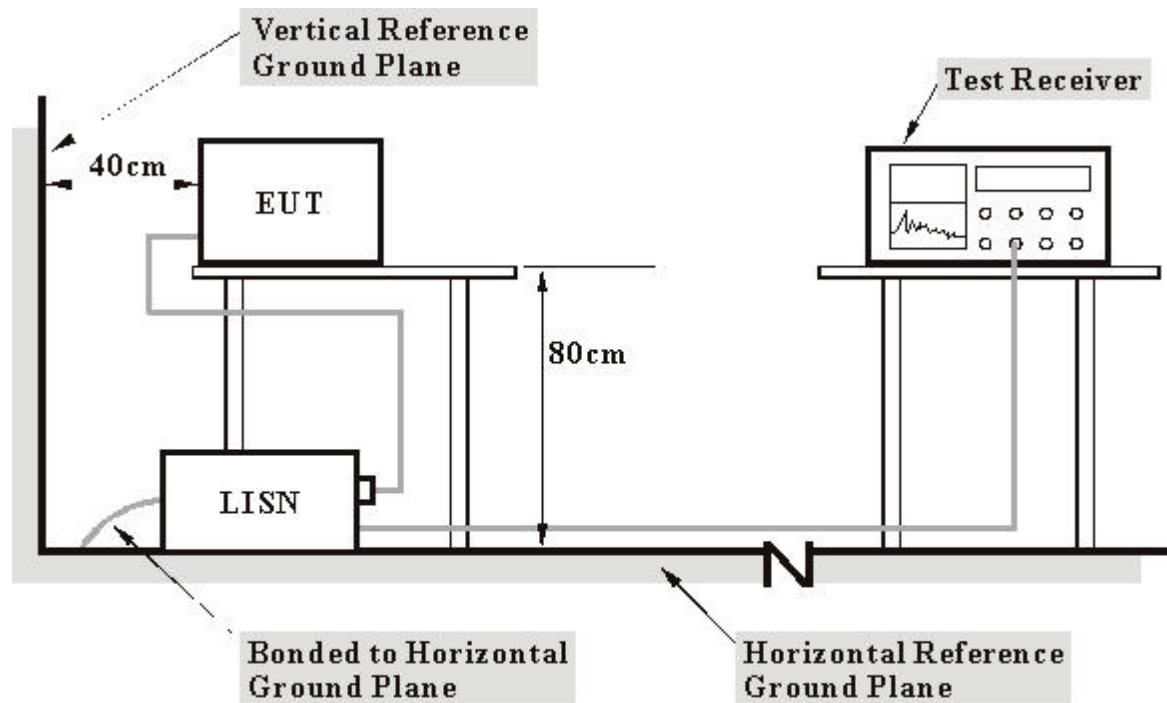
5.1.3 TEST PROCEDURES

- a. The EUT was placed 0.4 meters from the conducting wall of the shielded room with EUT being connected to the power mains through a line impedance stabilization network (LISN). Other support units were connected to the power mains through another LISN. The two LISNs provide 50 ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Both lines of the power mains connected to the EUT were checked for maximum conducted interference.
- c. The frequency range from 150 kHz to 30 MHz was searched. Emission levels over 10dB under the prescribed limits could not be reported

5.1.4 DEVIATION FROM TEST STANDARD

No deviation

5.1.5 TEST SETUP



- Note:**
1. Support units were connected to second LISN.
 2. Both of LISNs (AMIN) 80 cm from EUT and at the least 80 cm from other units and other metal planes support units.

For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

5.1.6 EUT OPERATING CONDITIONS

Same as 4.1.6.

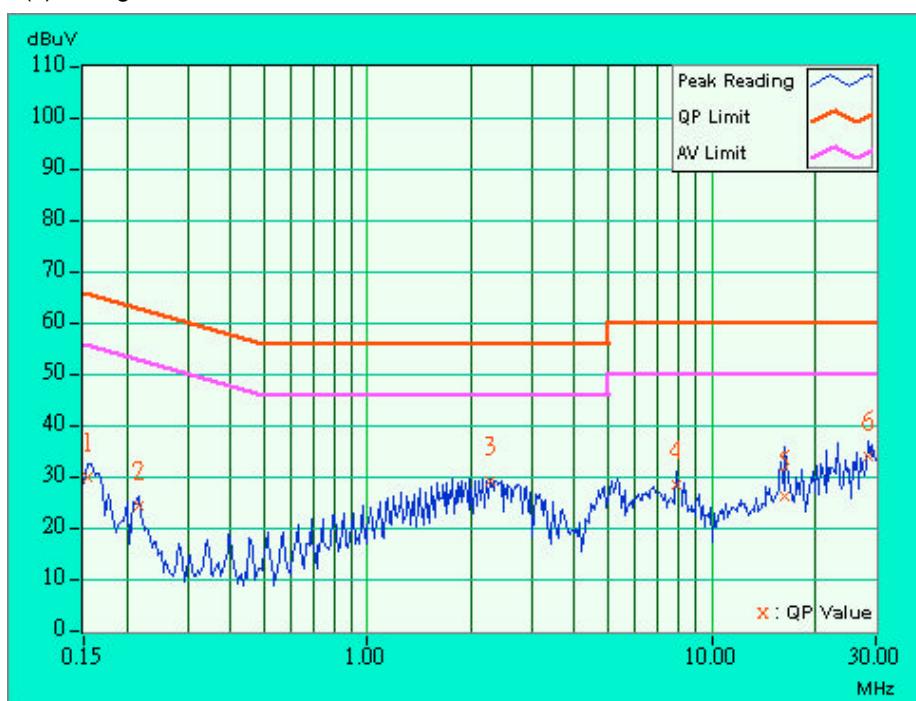
5.1.7 TEST RESULTS

| | | | | |
|---------------------------------|--|--|----------------------|----------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | | | |
| MODEL | 3CRWE454A72 | | 6dB BANDWIDTH | 9 kHz |
| INPUT POWER (SYSTEM) | 120Vac, 60 Hz | | PHASE | Line (L) |
| ENVIRONMENTAL CONDITIONS | 25deg. C, 50%RH 980 hPa | | TESTED BY | Eric Lee |

| No | Freq. [MHz] | Corr. | Reading Value | | Emission Level | | Limit | | Margin | | |
|----|----------------|----------------|---------------|------|----------------|------|-------|-------|--------|------|-----|
| | | Factor (dB) | [dB (uV)] | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| | | (dB) | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | |
| 1 | 0.155 | 0.20 | 28.61 | - | 28.81 | - | 65.75 | 55.75 | -36.94 | - | |
| 2 | 0.216 | 0.20 | 23.26 | - | 23.46 | - | 62.96 | 52.96 | -39.50 | - | |
| 3 | 2.275 | 0.31 | 27.84 | - | 28.15 | - | 56.00 | 46.00 | -27.85 | - | |
| 4 | 7.910 | 0.66 | 27.16 | - | 27.82 | - | 60.00 | 50.00 | -32.18 | - | |
| 5 | 16.395 | 1.10 | 24.99 | - | 26.09 | - | 60.00 | 50.00 | -33.91 | - | |
| 6 | 28.688 | 1.30 | 32.78 | - | 34.08 | - | 60.00 | 50.00 | -25.92 | - | |

NOTES: (1) **: Undetectable

- (2) Q.P. and AV. are abbreviations of quasi-peak and average.
- (3) -: The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
- (4) The emission levels of other frequencies were very low against the limit.
- (5) Correction Factor = Insertion loss + Cable loss
- (6) Margin value = Emission level - Limit value

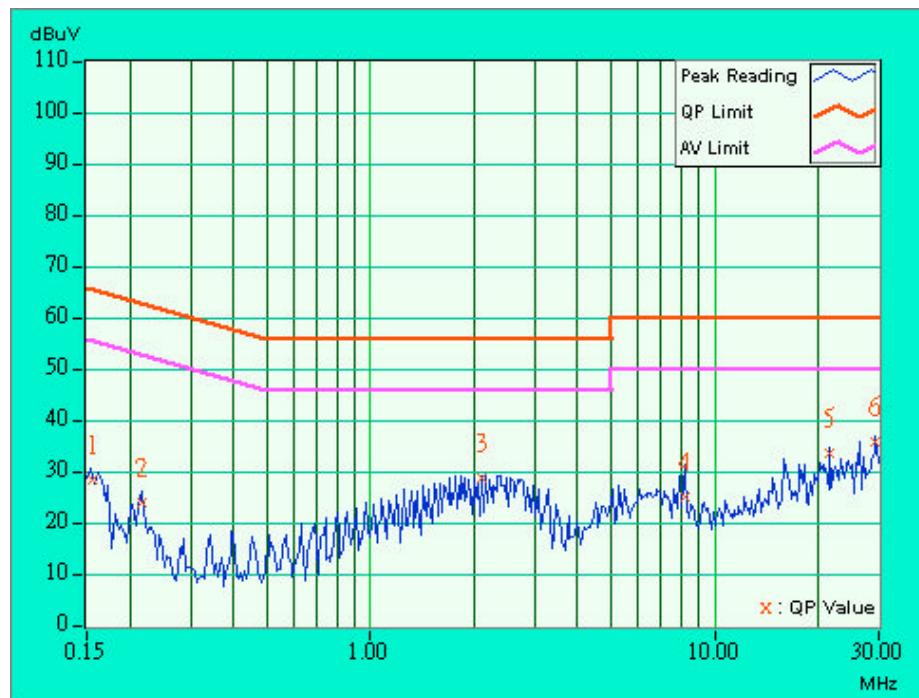


| | | | | |
|---------------------------------|--|--|----------------------|-------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | | | |
| MODEL | 3CRWE454A72 | | 6dB BANDWIDTH | 9 kHz |
| INPUT POWER (SYSTEM) | 120Vac, 60 Hz | | PHASE | Neutral (N) |
| ENVIRONMENTAL CONDITIONS | 25deg. C, 50%RH 980 hPa | | TESTED BY | Eric Lee |

| No | Freq. [MHz] | Corr. | Reading Value | | Emission Level | | Limit | | Margin | | |
|----|----------------|----------------|---------------|------|----------------|------|--------------|--------------|---------------|------|-----|
| | | Factor (dB) | [dB (uV)] | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. | Q.P. | AV. |
| | | | | | | | | | | | |
| 1 | 0.155 | 0.20 | 27.42 | - | 27.62 | - | 65.71 | 55.71 | -38.09 | - | |
| 2 | 0.216 | 0.20 | 22.97 | - | 23.17 | - | 62.96 | 52.96 | -39.79 | - | |
| 3 | 2.107 | 0.31 | 27.77 | - | 28.08 | - | 56.00 | 46.00 | -27.92 | - | |
| 4 | 8.191 | 0.61 | 24.03 | - | 24.64 | - | 60.00 | 50.00 | -35.36 | - | |
| 5 | 21.664 | 1.07 | 32.43 | - | 33.50 | - | 60.00 | 50.00 | -26.50 | - | |
| 6 | 29.237 | 1.12 | 34.98 | - | 36.10 | - | 60.00 | 50.00 | -23.90 | - | |

NOTES: (1) **: Undetectable

- (2) Q.P. and AV. are abbreviations of quasi-peak and average.
- (3) -: The Quasi-peak reading value also meets an average limit, thus measurement with the average detector is unnecessary.
- (4) The emission levels of other frequencies were very low against the limit.
- (5) Correction Factor = Insertion loss + Cable loss
- (6) Margin value = Emission level - Limit value



5.2 RADIATED EMISSION MEASUREMENT

5.2.1 LIMITS OF RADIATED EMISSION MEASUREMENT

Emissions radiated outside of the specified bands, shall be according to the general radiated limits in 15.209 as following:

| Frequencies (MHz) | Field strength (microvolts/meter) | Measurement distance (meters) |
|----------------------|--------------------------------------|----------------------------------|
| 0.009-0.490 | 2400/F(kHz) | 300 |
| 0.490-1.705 | 24000/F(kHz) | 30 |
| 1.705-30.0 | 30 | 30 |
| 30-88 | 100 | 3 |
| 88-216 | 150 | 3 |
| 216-960 | 200 | 3 |
| Above 960 | 500 | 3 |

NOTE:

1. The lower limit shall apply at the transition frequencies.
2. Emission level (dB_{UV}/m) = 20 log Emission level (uV/m).
3. As shown in 15.35(b), for frequencies above 1000MHz, the field strength limits are based on average detector, however, the peak field strength of any emission shall not exceed the maximum permitted average limits, specified above by more than 20dB under any condition of modulation.



5.2.2 LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

| Frequencies (MHz) | EIRP Limit (dBm) | Equivalent Field Strength at 3m (dB μ V/m) *note 3 |
|-------------------|------------------|--|
| 5150~5250 | -27 | 68.3 |
| 5250~5350 | -27 | 68.3 |
| 5725~5825 | -27 *note 1 | 68.3 |
| | -17 *note 2 | 78.3 |

NOTE:

1. For frequencies 10MHz or greater above or below the band edge.
2. All emissions within the frequency range from the band edge to 10MHz above or below the band edge.
3. The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength

$$E = \frac{1000000\sqrt{30P}}{3} \quad \mu\text{V/m}, \quad \text{where } P \text{ is the eirp (Watts)}$$

5.2.3 TEST INSTRUMENTS

| DESCRIPTION & MANUFACTURER | MODEL NO. | SERIAL NO. | CALIBRATED UNTIL |
|---------------------------------------|-----------|-------------------------|---------------------|
| HP Spectrum Analyzer | 8594ER | 3829U04676 | Aug. 30, 2004 |
| ADVANTEST Spectrum Analyzer | R3271A | 85060311 | Jun. 16, 2004 |
| CHASE RF Pre_Amplifier | CPA9232 | 1057 | May. 10, 2004 |
| HP Pre_Amplifier | 8449B | 3008A01281 | Dec. 27, 2003 |
| ROHDE & SCHWARZ Test Receiver | ESVS 10 | 849231 /019 | Sep. 30, 2004 |
| CHASE Broadband Antenna | CBL6111c | 2730 | Jul 30, 2004 |
| Schwarzbeck Horn_Antenna | 3115 | 5619 | Jul. 17, 2004 |
| SCHWARZBECK Tunable Dipole Antenna | UHAP | 897 | Mar. 07, 2005 |
| SCHWARZBECK Tunable Dipole Antenna | VHAP | 880 | Mar. 07, 2005 |
| RF Switches (ARNITSU) | CS-201 | 1565157 | Dec. 01, 2004 |
| RF CABLE (Chaintek) 1GHz-20GHz | SF102 | 22054-2 | Feb. 10. 2004 |
| RF Cable(RICHTEC) | 9913-30M | STCCAB-30M- 1GHz-021 | Dec. 01, 2004 |
| Software | AS60P8 | NA | NA |
| CHANCE MOST Antenna Tower | AT-100 | 0203 | NA |
| CHANCE MOST Turn Table | TT-100 | 0203 | NA |

Note: 1. The calibration interval of the above test instruments is 12 months (36 months for Tunable Dipole Antenna)and the calibrations are traceable to NML/ROC and NIST/USA.

2. * = These equipment are used for the final measurement.
3. The horn antenna and HP preamplifier (model: 8449B) are used only for the measurement of emission frequency above 1GHz if tested.
4. The test was performed in ADT Open Site No. C.
5. The FCC Site Registration No. is 656396.
6. The VCCI Site Registration No. is R-1626.
7. The CANADA Site Registration No. is IC 3789-C.



5.2.4 TEST PROCEDURES

- a. The EUT was placed on the top of a rotating table 0.8 meters above the ground at a 10 meter open area test site. The table was rotated 360 degrees to determine the position of the highest radiation.
- b. The EUT was set 3 meters away from the interference-receiving antenna, which was mounted on the top of a variable-height antenna tower.
- c. The antenna is a broadband antenna, and its height is varied from one meter to four meters above the ground to determine the maximum value of the field strength. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights from 1 meter to 4 meters and the rotatable table was turned from 0 degrees to 360 degrees to find the maximum reading.
- e. The test-receiver system was set to Peak Detect Function and Specified Bandwidth with Maximum Hold Mode.
- f. If the emission level of the EUT in peak mode was 10dB lower than the limit specified, then testing could be stopped and the peak values of the EUT would be reported. Otherwise the emissions that did not have 10dB margin would be re-tested one by one using peak, quasi-peak or average method as specified and then reported in a data sheet.

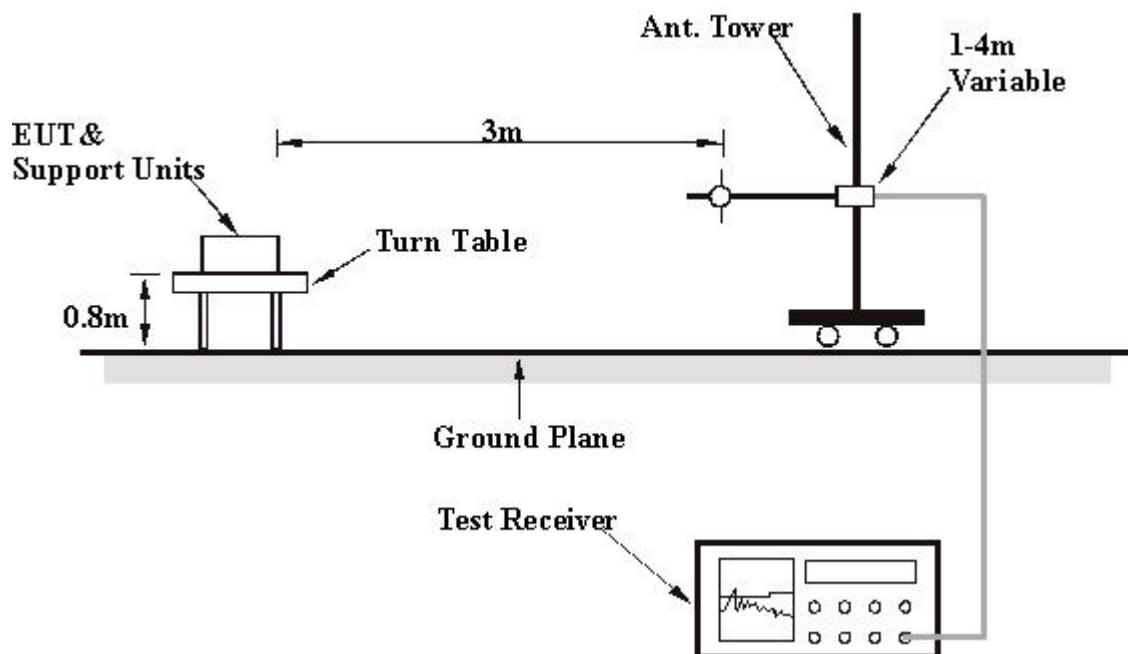
NOTE:

1. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 120kHz for Peak detection (PK) and Quasi-peak detection (QP) at frequency below 1GHz.
2. The resolution bandwidth and video bandwidth of test receiver/spectrum analyzer is 1 MHz for Peak detection at frequency above 1GHz.
3. The resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 300 Hz for Average detection (AV) at frequency above 1GHz.

5.2.5 DEVIATION FROM TEST STANDARD

No deviation

5.2.6 TEST SETUP



For the actual test configuration, please refer to the related item – Photographs of the Test Configuration.

5.2.7 EUT OPERATING CONDITIONS

Same as 4.1.6.

5.2.8 TEST RESULTS

| | | | |
|---------------------------------|--|-----------------------------|--------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| FREQUENCY RANGE | Below 1000MHz | DETECTOR FUNCTION | Quasi-Peak |
| ENVIRONMENTAL CONDITIONS | 25 deg. C, 66%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Hank Chung | | |

| ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 125.10 | 23.70 QP | 43.50 | -19.80 | 1.56 H | 264 | 11.70 | 12.00 |
| 2 | 200.01 | 22.30 QP | 43.50 | -21.20 | 1.16 H | 10 | 13.30 | 9.00 |
| 3 | 250.03 | 24.00 QP | 46.00 | -22.00 | 1.44 H | 1 | 11.00 | 13.00 |
| 4 | 325.03 | 29.10 QP | 46.00 | -16.90 | 1.18 H | 270 | 14.40 | 14.70 |
| 5 | 350.06 | 26.80 QP | 46.00 | -19.20 | 1.14 H | 163 | 11.30 | 15.50 |
| 6 | 375.02 | 28.10 QP | 46.00 | -17.90 | 2.34 H | 315 | 11.90 | 16.20 |
| 7 | 400.00 | 30.90 QP | 46.00 | -15.10 | 2.65 H | 47 | 13.80 | 17.10 |
| 8 | 425.05 | 32.10 QP | 46.00 | -13.90 | 1.33 H | 11 | 14.30 | 17.90 |
| 9 | 450.00 | 32.20 QP | 46.00 | -13.80 | 2.86 H | 28 | 14.10 | 18.10 |
| 10 | 550.05 | 39.30 QP | 46.00 | -6.70 | 1.72 H | 314 | 17.60 | 21.60 |
| 11 | 575.06 | 32.20 QP | 46.00 | -13.80 | 1.51 H | 11 | 10.90 | 21.30 |
| 12 | 600.00 | 37.50 QP | 46.00 | -8.50 | 1.41 H | 46 | 16.60 | 20.90 |

| ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M | | | | | | | | |
|--|-------------|-------------------------|----------------|-------------|--------------------|----------------------|------------------|--------------------------|
| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
| 1 | 125.00 | 23.10 QP | 43.50 | -20.40 | 3.10 V | 10 | 11.00 | 12.00 |
| 2 | 250.01 | 25.80 QP | 46.00 | -20.20 | 3.51 V | 61 | 12.80 | 13.00 |
| 3 | 350.04 | 25.50 QP | 46.00 | -20.50 | 1.75 V | 302 | 10.00 | 15.50 |
| 4 | 375.04 | 29.40 QP | 46.00 | -16.60 | 1.36 V | 10 | 13.20 | 16.20 |
| 5 | 400.00 | 32.60 QP | 46.00 | -13.40 | 1.00 V | 67 | 15.50 | 17.10 |
| 6 | 425.04 | 33.80 QP | 46.00 | -12.20 | 1.24 V | 138 | 16.00 | 17.90 |
| 7 | 450.02 | 29.50 QP | 46.00 | -16.50 | 1.26 V | 254 | 11.40 | 18.10 |
| 8 | 500.04 | 29.60 QP | 46.00 | -16.40 | 1.25 V | 328 | 10.30 | 19.30 |
| 9 | 550.04 | 37.40 QP | 46.00 | -8.60 | 1.83 V | 26 | 15.80 | 21.60 |
| 10 | 575.02 | 32.30 QP | 46.00 | -13.70 | 1.32 V | 355 | 11.00 | 21.30 |
| 11 | 599.99 | 35.40 QP | 46.00 | -10.60 | 1.32 V | 80 | 14.50 | 20.90 |

REMARKS:

1. Emission level(dBuV/m)=Raw Value(dBuV) + Correction Factor(dB)
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. The other emission levels were very low against the limit.
4. Margin value = Emission level – Limit value.

5.2.9 TEST RESULTS

| | | | |
|---------------------------------|--|-----------------------------|--------------------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal Mode | CHANNEL | 1 |
| FREQUENCY RANGE | 1000MHz~40000MHz | DETECTOR FUNCTION | Peak(PK) Average (AV) |
| ENVIRONMENTAL CONDITIONS | 27 deg. C, 57%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Tony Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4706.00 | 48.10 PK | 74.00 | -25.90 | 1.65 H | 96 | 12.40 | 35.70 |
| 2 | #4818.00 | 48.50 PK | 74.00 | -25.50 | 1.02 H | 66 | 12.30 | 36.20 |
| 3 | #5022.00 | 46.20 PK | 74.00 | -27.80 | 1.57 H | 89 | 9.20 | 37.00 |
| 4 | #5150.00 | 52.30 PK | 74.00 | -21.70 | 1.08 H | 63 | 15.30 | 37.00 |
| 4 | #5150.00 | 44.30 AV | 54.00 | -9.70 | 1.08 H | 63 | 7.30 | 37.00 |
| 5 | *5180.00 | 98.30 PK | | | 1.15 H | 18 | 61.20 | 37.00 |
| 5 | *5180.00 | 90.30 AV | | | 1.15 H | 18 | 53.30 | 37.00 |
| 6 | #5440.00 | 49.50 PK | 74.00 | -24.50 | 1.23 H | 66 | 12.50 | 37.00 |
| 7 | 10360.00 | 57.40 PK | 68.30 | -10.90 | 1.50 H | 71 | 12.70 | 44.70 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4706.00 | 54.60 PK | 74.00 | -19.40 | 1.18 V | 2 | 18.90 | 35.70 |
| 1 | #4706.00 | 46.60 AV | 54.00 | -7.40 | 1.18 V | 2 | 10.90 | 35.70 |
| 2 | #4818.00 | 55.30 PK | 74.00 | -18.70 | 1.04 V | 8 | 19.10 | 36.20 |
| 2 | #4818.00 | 46.50 AV | 54.00 | -7.50 | 1.04 V | 8 | 10.30 | 36.20 |
| 3 | #5022.00 | 55.00 PK | 74.00 | -19.00 | 1.45 V | 218 | 18.00 | 37.00 |
| 3 | #5022.00 | 46.50 AV | 54.00 | -7.50 | 1.45 V | 218 | 9.40 | 37.00 |
| 4 | #5150.00 | 60.00 PK | 74.00 | -14.00 | 1.25 V | 47 | 23.00 | 37.00 |
| 4 | #5150.00 | 51.40 AV | 54.00 | -2.60 | 1.25 V | 47 | 14.30 | 37.00 |
| 5 | *5180.00 | 106.40 PK | | | 1.00 V | 56 | 69.40 | 37.00 |
| 5 | *5180.00 | 98.60 AV | | | 1.00 V | 56 | 61.60 | 37.00 |
| 6 | #5442.00 | 56.20 PK | 74.00 | -17.80 | 1.02 V | 87 | 19.10 | 37.00 |
| 6 | #5442.00 | 46.10 AV | 54.00 | -7.90 | 1.02 V | 87 | 9.10 | 37.00 |
| 7 | 10360.00 | 60.80 PK | 68.30 | -7.50 | 1.23 V | 115 | 16.10 | 44.70 |

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#” : The radiated frequency falling in the restricted band.



| | | | |
|-------------------------------------|--|---------------------------------|--------------------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal Mode | CHANNEL | 4 |
| FREQUENCY RANGE | 1000MHz~40000MHz | DETECTOR FUNCTION | Peak(PK) Average (AV) |
| ENVIRONMENTAL CONDITIONS | 27 deg. C, 57%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Tony Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4844.00 | 50.60 PK | 74.00 | -23.40 | 1.15 H | 254 | 14.20 | 36.30 |
| 2 | #4964.00 | 51.80 PK | 74.00 | -22.20 | 1.74 H | 5 | 14.90 | 36.90 |
| 2 | #4964.00 | 41.10 AV | 54.00 | -12.90 | 1.74 H | 5 | 4.20 | 36.90 |
| 3 | #5084.00 | 46.20 PK | 74.00 | -27.80 | 1.52 H | 208 | 9.20 | 37.00 |
| 4 | *5240.00 | 99.00 PK | | | 1.25 H | 47 | 62.00 | 37.00 |
| 4 | *5240.00 | 90.30 AV | | | 1.25 H | 47 | 53.30 | 37.00 |
| 5 | #5370.00 | 49.80 PK | 74.00 | -24.20 | 1.01 H | 54 | 12.70 | 37.00 |
| 6 | 10480.00 | 57.10 PK | 68.30 | -11.20 | 1.04 H | 78 | 12.20 | 45.00 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4844.00 | 56.50 PK | 74.00 | -17.50 | 1.56 V | 35 | 20.20 | 36.30 |
| 1 | #4844.00 | 47.80 AV | 54.00 | -6.20 | 1.56 V | 35 | 11.40 | 36.30 |
| 2 | #4964.00 | 58.40 PK | 74.00 | -15.60 | 1.09 V | 30 | 21.60 | 36.90 |
| 2 | #4964.00 | 47.30 AV | 54.00 | -6.70 | 1.09 V | 30 | 10.50 | 36.90 |
| 3 | #5084.00 | 51.60 PK | 74.00 | -22.40 | 1.20 V | 6 | 14.60 | 37.00 |
| 3 | #5084.00 | 49.90 AV | 54.00 | -4.10 | 1.20 V | 6 | 12.80 | 37.00 |
| 4 | *5240.00 | 106.40 PK | | | 1.01 V | 48 | 69.40 | 37.00 |
| 4 | *5240.00 | 99.00 AV | | | 1.01 V | 48 | 62.00 | 37.00 |
| 5 | #5370.00 | 56.10 PK | 74.00 | -17.90 | 1.63 V | 36 | 19.10 | 37.00 |
| 5 | #5370.00 | 49.30 AV | 54.00 | -4.70 | 1.63 V | 36 | 12.30 | 37.00 |
| 6 | 10480.00 | 60.00 PK | 68.30 | -8.30 | 1.01 V | 47 | 15.10 | 45.00 |

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#” : The radiated frequency falling in the restricted band.



| | | | |
|-------------------------------------|--|---------------------------------|---------------------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal Mode | CHANNEL | 5 |
| FREQUENCY RANGE | 1000MHz~40000MHz | DETECTOR FUNCTION | Peak (PK) Average (AV) |
| ENVIRONMENTAL CONDITIONS | 27 deg. C, 57%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Tony Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4784.00 | 49.30 PK | 74.00 | -24.70 | 1.11 H | 36 | 13.20 | 36.10 |
| 2 | #4976.00 | 51.10 PK | 74.00 | -22.90 | 1.47 H | 78 | 14.20 | 36.90 |
| 2 | #4976.00 | 41.10 AV | 54.00 | -12.90 | 1.47 H | 78 | 4.20 | 36.90 |
| 3 | #5094.00 | 51.10 PK | 74.00 | -22.90 | 1.11 H | 78 | 14.00 | 37.00 |
| 3 | #5094.00 | 42.00 AV | 54.00 | -12.00 | 1.11 H | 78 | 5.00 | 37.00 |
| 4 | *5260.00 | 101.30 PK | | | 1.52 H | 62 | 64.30 | 37.00 |
| 4 | *5260.00 | 92.20 AV | | | 1.52 H | 62 | 55.20 | 37.00 |
| 5 | 5488.00 | 45.10 PK | 68.30 | -23.20 | 1.40 H | 235 | 8.10 | 37.00 |
| 6 | 10520.00 | 59.40 PK | 68.30 | -8.90 | 1.18 H | 96 | 14.20 | 45.20 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4784.00 | 58.40 PK | 74.00 | -15.60 | 1.05 V | 100 | 22.30 | 36.10 |
| 1 | #4784.00 | 49.80 AV | 54.00 | -4.20 | 1.05 V | 100 | 13.70 | 36.10 |
| 2 | #4976.00 | 60.10 PK | 74.00 | -13.90 | 1.13 V | 124 | 23.20 | 36.90 |
| 2 | #4976.00 | 50.70 AV | 54.00 | -3.30 | 1.13 V | 124 | 13.80 | 36.90 |
| 3 | #5094.00 | 58.10 PK | 74.00 | -15.90 | 1.42 V | 17 | 21.10 | 37.00 |
| 3 | #5094.00 | 49.10 AV | 54.00 | -4.90 | 1.42 V | 17 | 12.00 | 37.00 |
| 4 | *5260.00 | 110.50 PK | | | 1.03 V | 9 | 73.40 | 37.00 |
| 4 | *5260.00 | 102.90 AV | | | 1.03 V | 9 | 65.90 | 37.00 |
| 5 | 5488.00 | 55.10 PK | 68.30 | -13.20 | 1.11 V | 47 | 18.10 | 37.00 |
| 6 | 10520.00 | 60.20 PK | 68.30 | -8.10 | 1.30 V | 360 | 15.10 | 45.20 |

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#” : The radiated frequency falling in the restricted band.



| | | | |
|-------------------------------------|--|---------------------------------|--------------------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal Mode | CHANNEL | 8 |
| FREQUENCY RANGE | 1000MHz~40000MHz | DETECTOR FUNCTION | Peak(PK) Average (AV) |
| ENVIRONMENTAL CONDITIONS | 27 deg. C, 57%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Tony Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4845.00 | 52.00 PK | 74.00 | -22.00 | 1.00 H | 359 | 15.70 | 36.30 |
| 1 | #4845.00 | 42.90 AV | 54.00 | -11.10 | 1.00 H | 359 | 6.60 | 36.30 |
| 2 | #4963.00 | 49.80 PK | 74.00 | -24.20 | 1.06 H | 98 | 12.90 | 36.90 |
| 3 | #5033.00 | 52.10 PK | 74.00 | -21.90 | 1.06 H | 96 | 15.00 | 37.00 |
| 3 | #5033.00 | 41.60 AV | 54.00 | -12.40 | 1.06 H | 96 | 4.60 | 37.00 |
| 4 | *5320.00 | 99.40 PK | | | 1.02 H | 36 | 62.30 | 37.00 |
| 4 | *5320.00 | 91.00 AV | | | 1.02 H | 36 | 54.00 | 37.00 |
| 5 | #5350.00 | 52.40 PK | 74.00 | -21.60 | 1.11 H | 25 | 15.30 | 37.00 |
| 5 | #5350.00 | 44.00 AV | 54.00 | -10.00 | 1.11 H | 25 | 7.00 | 37.00 |
| 6 | #10640.00 | 58.50 PK | 74.00 | -15.50 | 1.75 H | 62 | 12.20 | 46.30 |
| 6 | #10640.00 | 47.40 AV | 54.00 | -6.60 | 1.75 H | 62 | 1.20 | 46.30 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #4845.00 | 59.00 PK | 74.00 | -15.00 | 1.20 V | 25 | 22.60 | 36.30 |
| 1 | #4845.00 | 49.50 AV | 54.00 | -4.50 | 1.20 V | 25 | 13.10 | 36.30 |
| 2 | #4963.00 | 57.90 PK | 74.00 | -16.10 | 1.39 V | 11 | 21.10 | 36.90 |
| 2 | #4963.00 | 49.00 AV | 54.00 | -5.00 | 1.39 V | 11 | 12.20 | 36.90 |
| 3 | #5033.00 | 58.00 PK | 74.00 | -16.00 | 1.06 V | 144 | 21.00 | 37.00 |
| 3 | #5033.00 | 48.20 AV | 54.00 | -5.80 | 1.06 V | 144 | 11.20 | 37.00 |
| 4 | *5320.00 | 108.10 PK | | | 1.01 V | 60 | 71.10 | 37.00 |
| 4 | *5320.00 | 100.20 AV | | | 1.01 V | 60 | 63.20 | 37.00 |
| 5 | #5350.00 | 60.00 PK | 74.00 | -14.00 | 1.85 V | 256 | 23.00 | 37.00 |
| 5 | #5350.00 | 51.90 AV | 54.00 | -2.10 | 1.85 V | 256 | 14.90 | 37.00 |
| 6 | #10640.00 | 59.70 PK | 74.00 | -14.30 | 1.65 V | 3 | 13.50 | 46.30 |
| 6 | #10640.00 | 49.40 AV | 54.00 | -4.60 | 1.65 V | 3 | 3.10 | 46.30 |

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#” : The radiated frequency falling in the restricted band.



| | | | |
|-------------------------------------|--|---------------------------------|--------------------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal Mode | CHANNEL | 9 |
| FREQUENCY RANGE | 1000MHz~40000MHz | DETECTOR FUNCTION | Peak(PK) Average (AV) |
| ENVIRONMENTAL CONDITIONS | 27 deg. C, 57%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Tony Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5382.00 | 49.50 PK | 74.00 | -24.50 | 1.11 H | 52 | 12.50 | 37.00 |
| 2 | 5715.00 | 59.70 PK | 68.30 | -8.60 | 1.02 H | 36 | 22.20 | 37.50 |
| 3 | 5725.00 | 70.20 PK | 78.30 | -8.10 | 1.59 H | 68 | 32.60 | 37.50 |
| 4 | *5745.00 | 102.10 PK | | | 1.65 H | 87 | 64.60 | 37.60 |
| 4 | *5745.00 | 93.20 AV | | | 1.65 H | 87 | 55.70 | 37.60 |
| 5 | #11490.00 | 64.50 PK | 74.00 | -9.50 | 1.07 H | 84 | 13.10 | 51.30 |
| 5 | #11490.00 | 50.60 AV | 54.00 | -3.40 | 1.07 H | 84 | -0.80 | 51.30 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5382.00 | 55.90 PK | 74.00 | -18.10 | 1.49 V | 23 | 18.90 | 37.00 |
| 1 | #5382.00 | 49.10 AV | 54.00 | -4.90 | 1.49 V | 23 | 12.10 | 37.00 |
| 2 | 5715.00 | 67.70 PK | 68.30 | -0.60 | 1.22 V | 28 | 30.20 | 37.50 |
| 3 | 5725.00 | 78.50 PK | 82.58 | -4.08 | 1.38 V | 8 | 41.00 | 37.50 |
| 4 | *5745.00 | 110.20 PK | | | 1.00 V | 8 | 72.60 | 37.60 |
| 4 | *5745.00 | 101.50 AV | | | 1.00 V | 8 | 64.00 | 37.60 |
| 5 | #11490.00 | 64.50 PK | 74.00 | -9.50 | 1.41 V | 325 | 13.10 | 51.30 |
| 5 | #11490.00 | 52.90 AV | 54.00 | -1.10 | 1.41 V | 325 | 1.60 | 51.30 |

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#” : The radiated frequency falling in the restricted band.



| | | | |
|-------------------------------------|--|---------------------------------|--------------------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal Mode | CHANNEL | 12 |
| FREQUENCY RANGE | 1000MHz~40000MHz | DETECTOR FUNCTION | Peak(PK) Average (AV) |
| ENVIRONMENTAL CONDITIONS | 27 deg. C, 57%RH, 980 hPa | INPUT POWER (SYSTEM) | 120Vac, 60Hz |
| TESTED BY | Tony Chen | | |

ANTENNA POLARITY & TEST DISTANCE: HORIZONTAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5440.00 | 49.90 PK | 74.00 | -24.10 | 1.86 H | 324 | 12.80 | 37.00 |
| 2 | *5805.00 | 100.10 PK | | | 1.02 H | 359 | 62.40 | 37.70 |
| 2 | *5805.00 | 91.90 AV | | | 1.02 H | 359 | 54.30 | 37.70 |
| 3 | 5825.00 | 71.00 PK | 78.30 | -7.30 | 1.15 H | 74 | 33.20 | 37.70 |
| 4 | 5835.00 | 61.30 PK | 68.30 | -7.00 | 1.76 H | 63 | 23.60 | 37.70 |
| 5 | #11610.00 | 62.50 PK | 74.00 | -11.50 | 1.11 H | 47 | 11.50 | 51.00 |
| 5 | #11610.00 | 51.40 AV | 54.00 | -2.60 | 1.11 H | 47 | 0.40 | 51.00 |

ANTENNA POLARITY & TEST DISTANCE: VERTICAL AT 3 M

| No. | Freq. (MHz) | Emission Level (dBuV/m) | Limit (dBuV/m) | Margin (dB) | Antenna Height (m) | Table Angle (Degree) | Raw Value (dBuV) | Correction Factor (dB/m) |
|-----|----------------|-------------------------------|-------------------|----------------|--------------------------|----------------------------|------------------------|--------------------------------|
| 1 | #5440.00 | 57.70 PK | 74.00 | -16.30 | 1.63 V | 228 | 20.70 | 37.00 |
| 1 | #5440.00 | 48.30 AV | 54.00 | -5.70 | 1.63 V | 228 | 11.30 | 37.00 |
| 2 | *5805.00 | 109.80 PK | | | 1.25 V | 47 | 72.10 | 37.70 |
| 2 | *5805.00 | 100.70 AV | | | 1.25 V | 47 | 63.00 | 37.70 |
| 3 | 5825.00 | 79.00 PK | 82.58 | -3.58 | 1.50 V | 32 | 41.30 | 37.70 |
| 4 | 5835.00 | 69.50 PK | 72.58 | -3.08 | 1.40 V | 339 | 31.80 | 37.70 |
| 5 | #11610.00 | 64.10 PK | 74.00 | -9.90 | 1.56 V | 96 | 13.20 | 51.00 |
| 5 | #11610.00 | 52.80 AV | 54.00 | -1.20 | 1.56 V | 96 | 1.80 | 51.00 |

NOTE:

1. Emission level = Raw value + Correction Factor
2. Correction Factor(dB/m) = Antenna Factor (dB/m) + Cable Factor (dB)
3. Margin value = Emission level - Limit value
4. The other emission levels were very low against the limit.
5. “*” : Fundamental frequency
6. “#” : The radiated frequency falling in the restricted band.



5.3 PEAK TRANSMIT POWER MEASUREMENT

5.3.1 LIMITS OF PEAK TRANSMIT POWER MEASUREMENT

| Frequency Band | Limit |
|-------------------|---|
| 5.15 – 5.25 GHz | The lesser of 50mW (17dBm) or 4dBm + 10logB |
| 5.25 – 5.35 GHz | The lesser of 250mW (24dBm) or 11dBm + 10logB |
| 5.725 – 5.825 GHz | The lesser of 1W (30dBm) or 17dBm + 10logB |

Note: Where B is the 26dB emission bandwidth in MHz.

5.3.2 TEST INSTRUMENTS

| Description & Manufacturer | Model No. | Serial No. | Calibrated Until |
|----------------------------|-----------|------------|------------------|
| R&S SPECTRUM ANALYZER | FSP30 | 100019 | Dec. 19, 2003 |

NOTE:

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

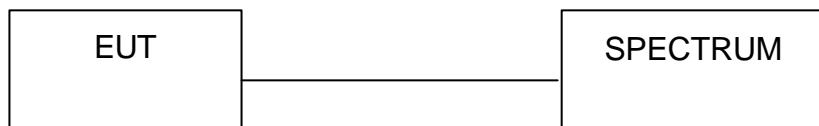
5.3.3 TEST PROCEDURE

1. The transmitter output was connected to the spectrum analyzer.
2. Set span to encompass the entire emission bandwidth of the signal.
3. Set RBW to 1MHz, VBW to 30kHz.
4. Using the spectrum analyzer's channel power measurement function to measure the output power.

5.3.4 DEVIATION FROM TEST STANDARD

No deviation

5.3.5 TEST SETUP



5.3.6 EUT OPERATING CONDITIONS

The software provided by client to enable the EUT under transmission condition continuously at specific channel frequencies individually.



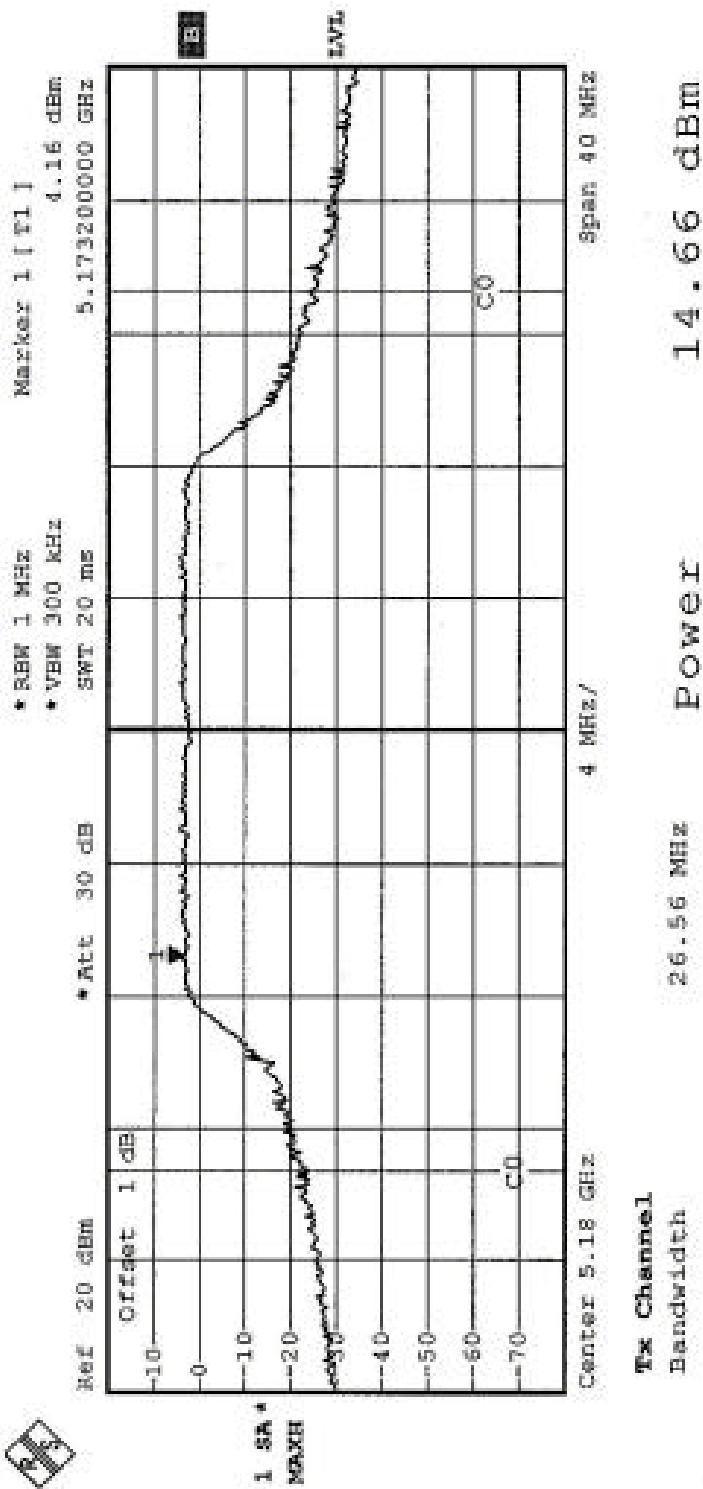
5.3.7 TEST RESULTS

| | | | |
|-------------------------------------|--|---------------------------------|---------------|
| EUT | 3Com OfficeConnect Wireless 11a/b/g Access Point | MODEL | 3CRWE454A72 |
| MODE | Normal | INPUT POWER (SYSTEM) | 120Vac, 60 Hz |
| ENVIRONMENTAL CONDITIONS | 28eg. C, 56RH, 980 hPa | TESTED BY | Tony Chen |

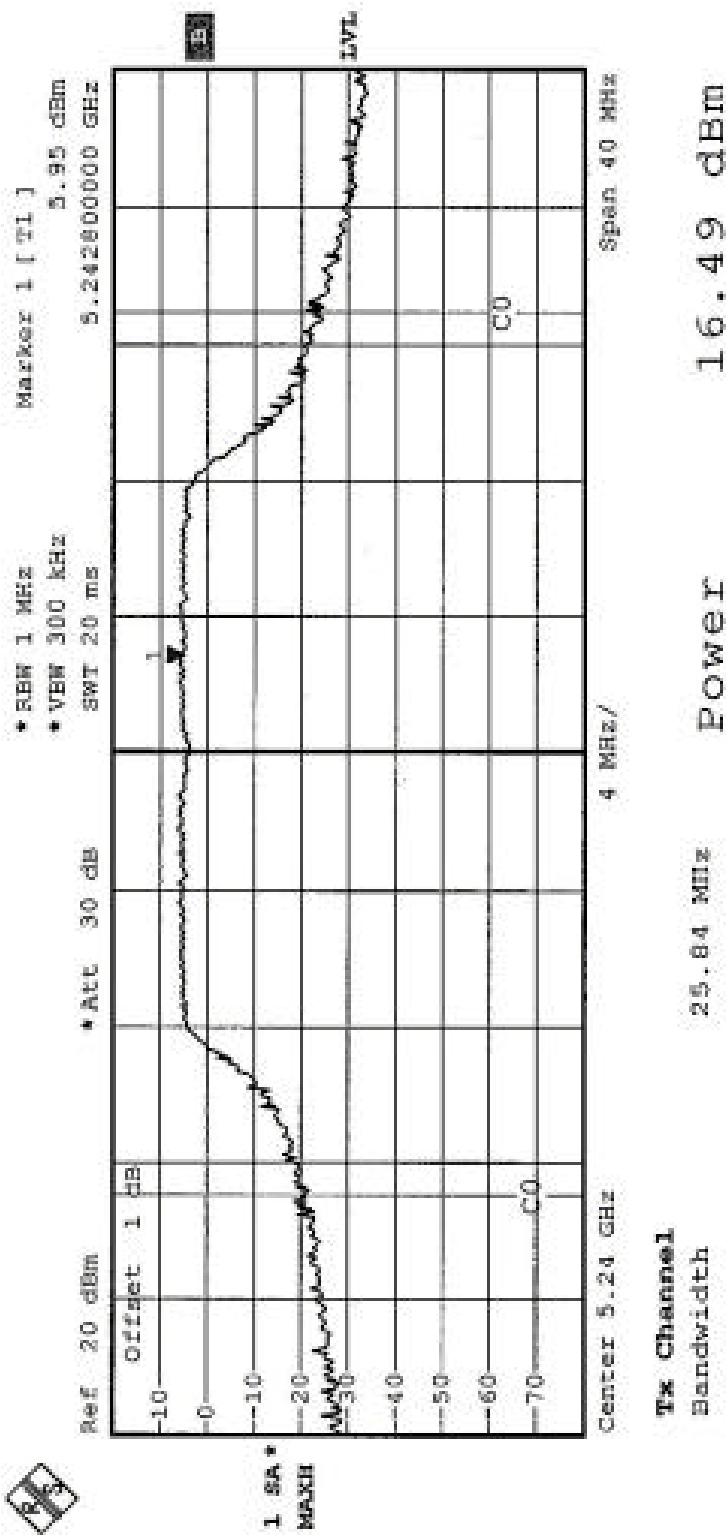
| CHANNEL | CHANNEL FREQUENCY (MHz) | PEAK POWER OUTPUT (dBm) | PEAK POWER LIMIT (dBm) | 26dBc Occupied Bandwidth (MHz) | PASS/FAIL |
|----------------|--|--|---------------------------------------|---|------------------|
| 1 | 5180 | 14.66 | 17.00 | 26.56 | PASS |
| 4 | 5240 | 16.49 | 17.00 | 25.84 | PASS |
| 5 | 5260 | 19.36 | 24.00 | 26.00 | PASS |
| 8 | 5320 | 17.39 | 24.00 | 24.56 | PASS |
| 9 | 5745 | 18.69 | 30.00 | 27.04 | PASS |
| 12 | 5805 | 18.18 | 30.00 | 29.20 | PASS |

NOTE: The 26dBc Occupied Bandwidth plot, please refer to the following pages.

CHANNEL 1

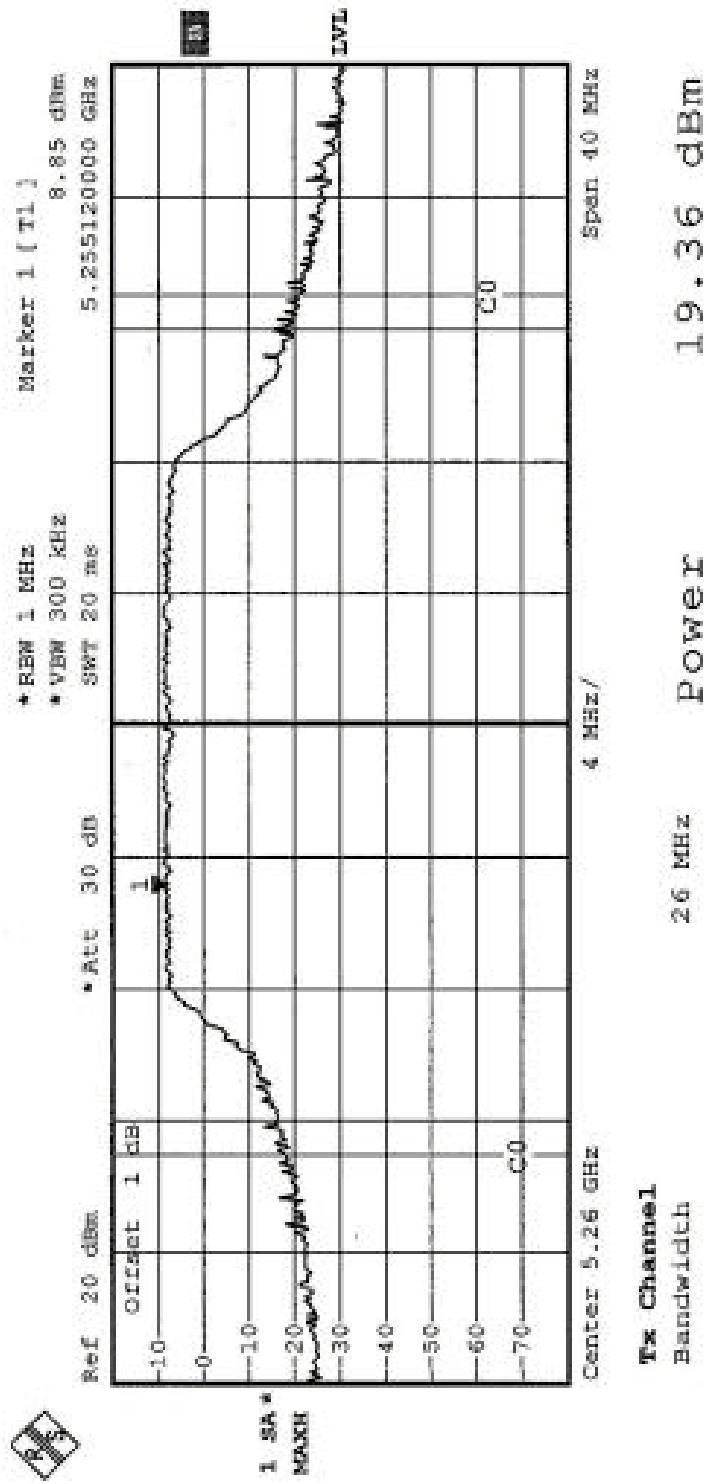


CHANNEL 4

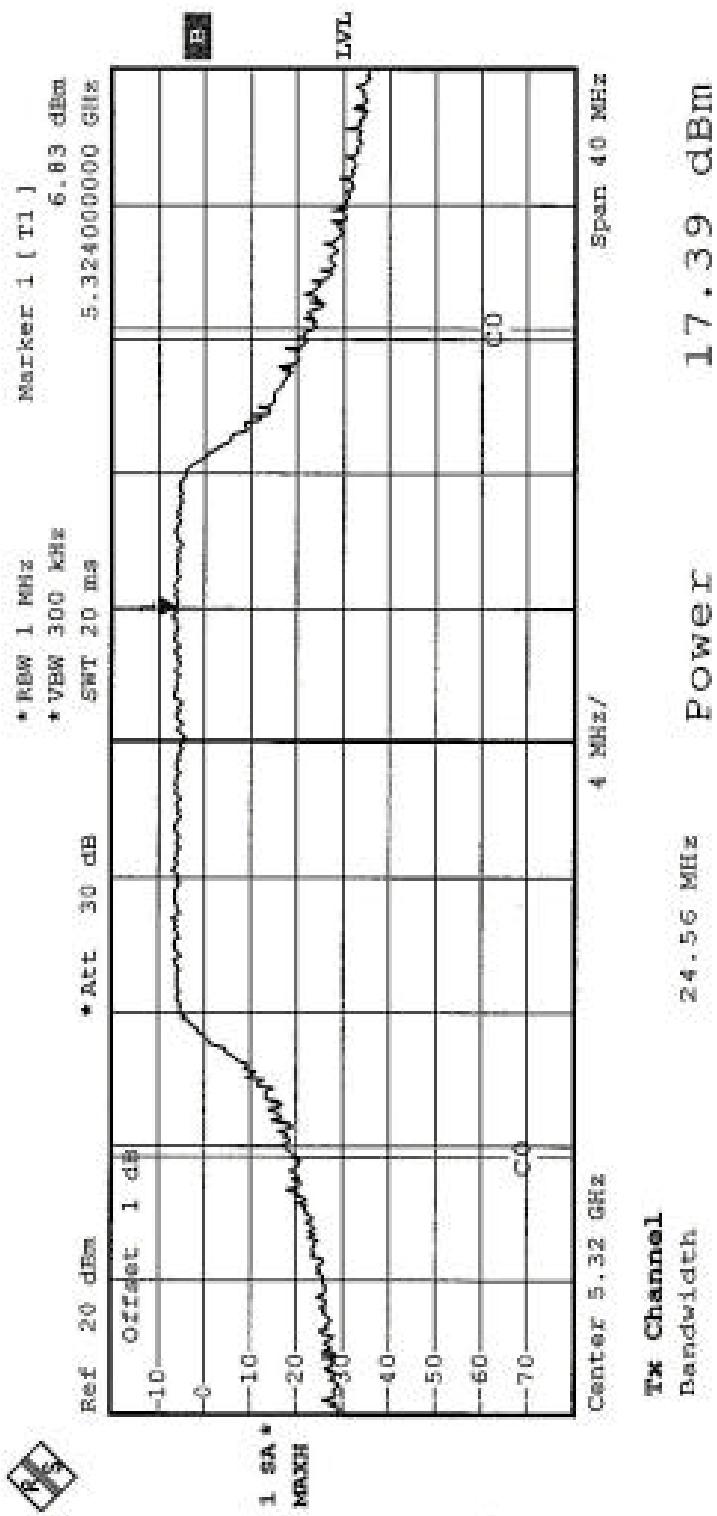




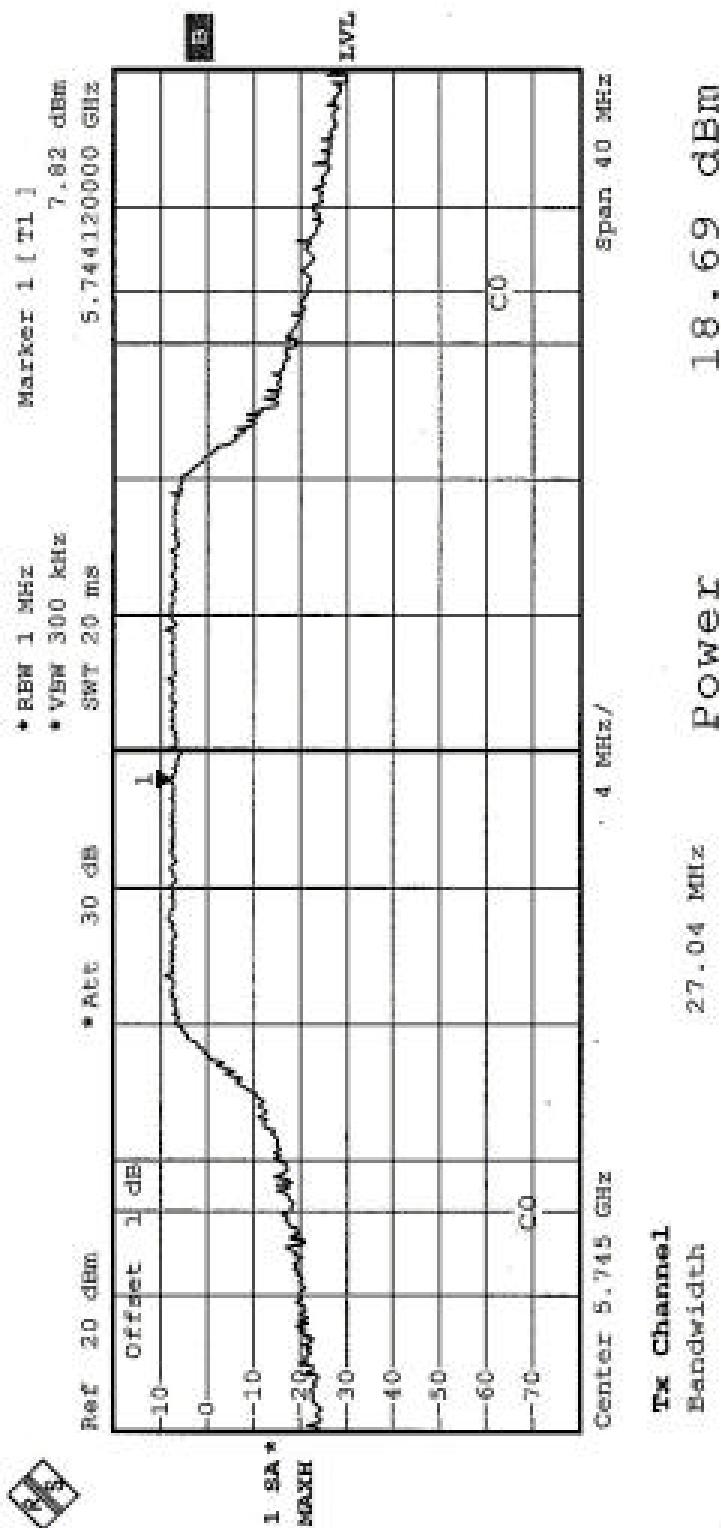
CHANNEL 5



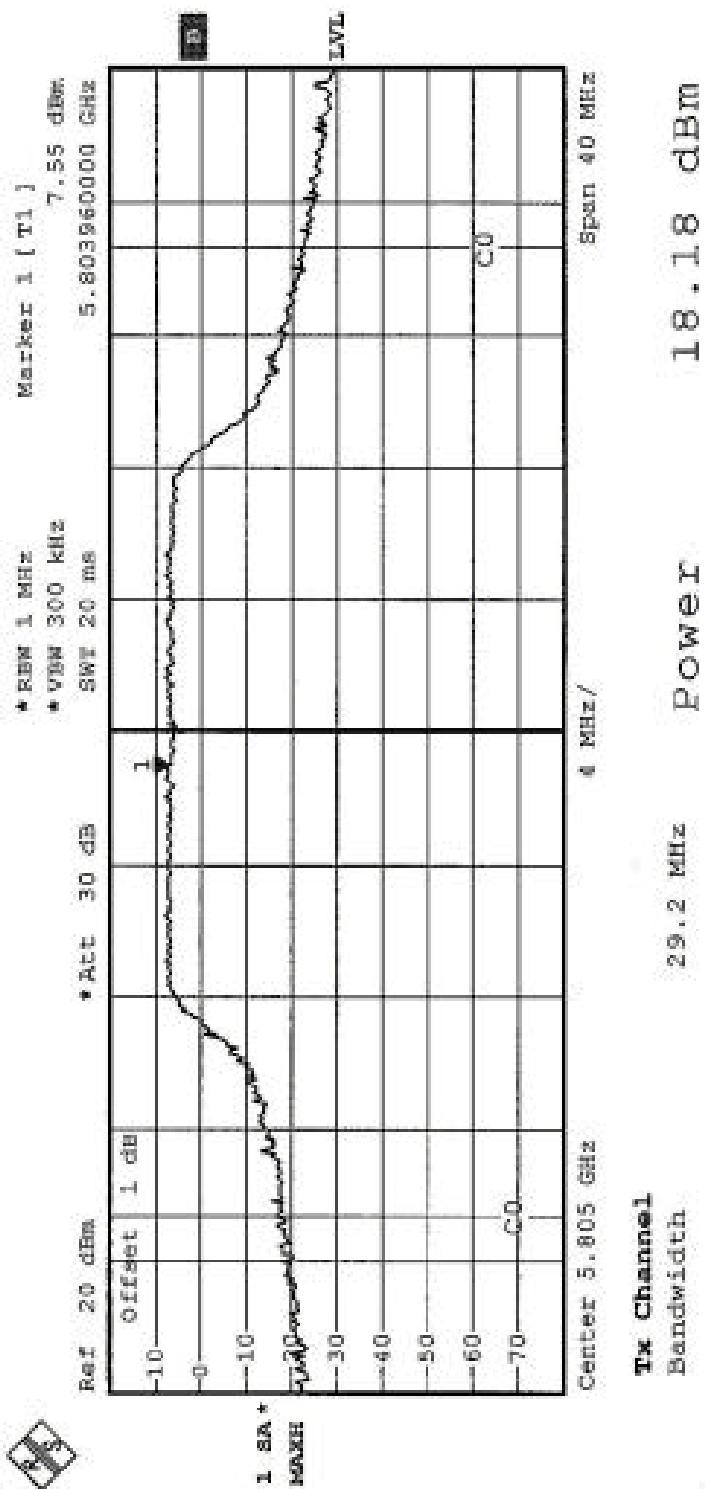
CHANNEL 8



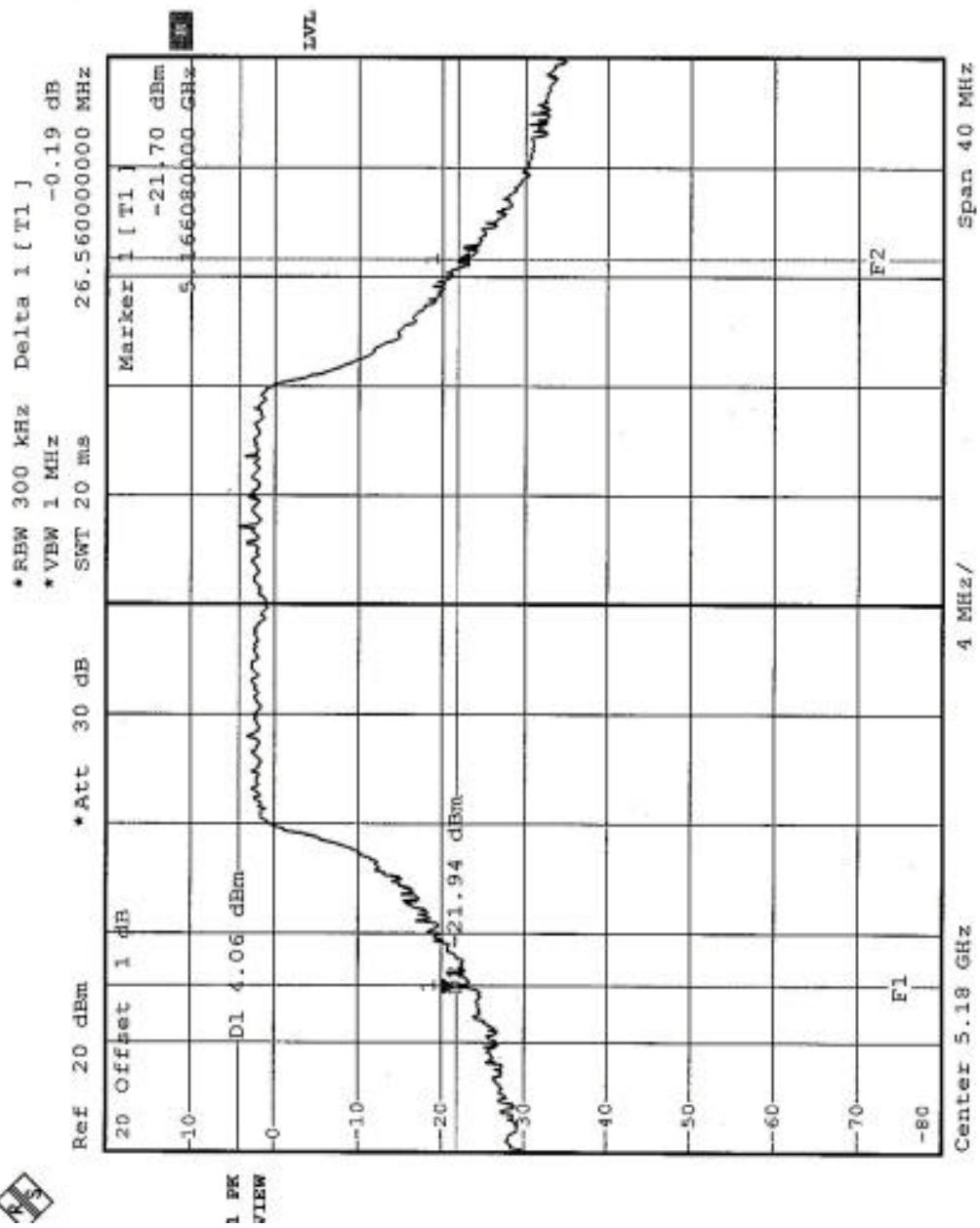
CHANNEL 9



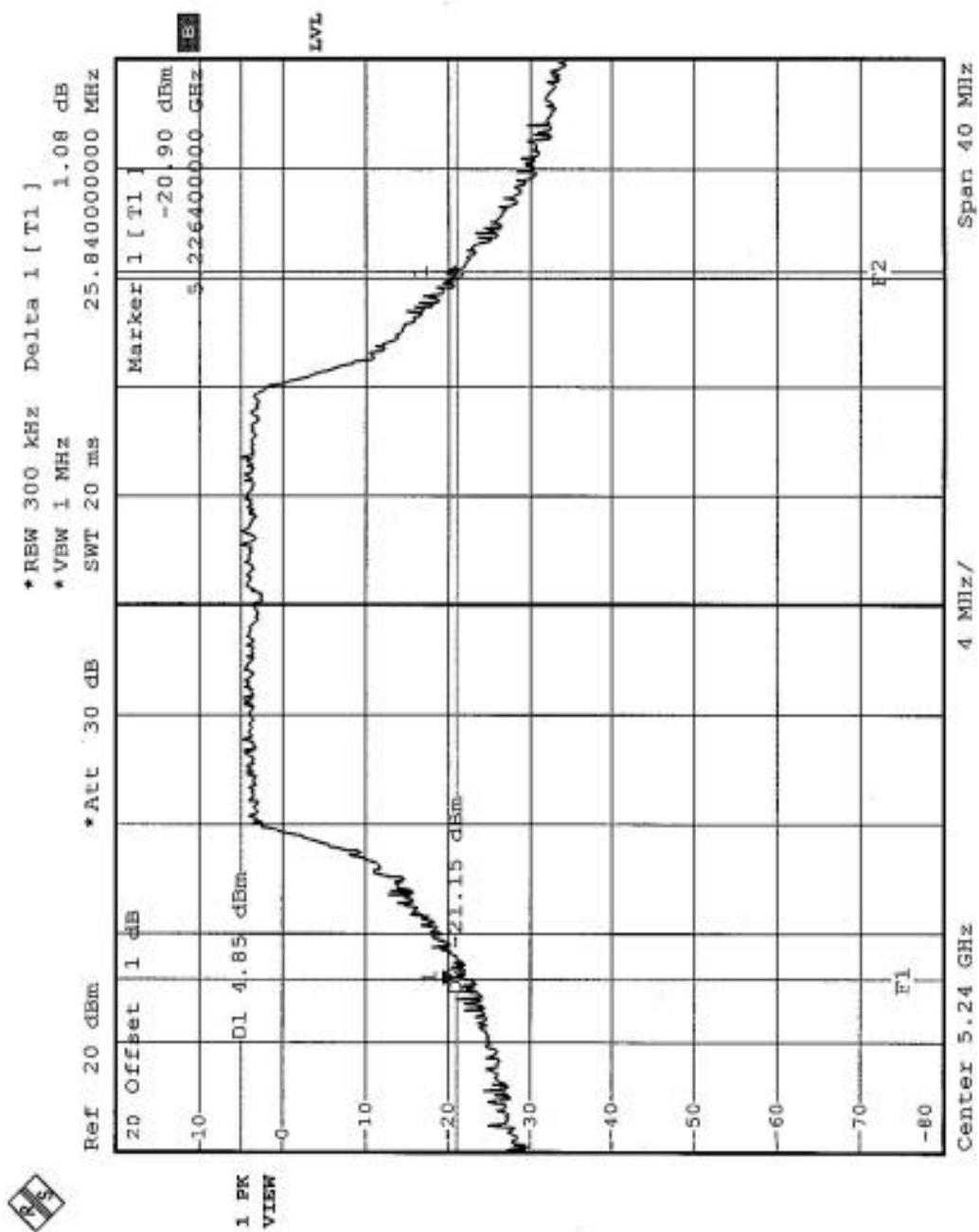
CHANNEL 12



CHANNEL 1



CHANNEL 4



CHANNEL 5

