

FCC Radio Test Report

FCC ID: 2ACFN-QMIROP201W

This report concerns: Original Grant

Project No. : 2005H054

Equipment: Al-Powered NAS with Tri-Band Mesh WiFi Router

Brand Name : QNAP

Test Model: QMiroPlus-201W

Series Model : N/A

Applicant: QNAP Systems, Inc.

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Manufacturer : QNAP Systems, Inc.

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Shanghai, P.R. China

Date of Receipt : Jun. 01, 2020

Date of Test : Jun. 01, 2020 ~ Jul. 01, 2020

Issued Date : Sep. 04, 2020

Report Version : R00

Test Sample : Engineering Sample No.: SH2020060214 for radiated,

SH2020060215 and SH2020060213-4 for conducted.

Standard(s) : FCC Part15, Subpart C (15.247)

ANSI C63.10-2013

FCC KDB 558074 D01 15.247 Meas Guidance v05r02

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc.

Prepared by : Allen Wei

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IBC-MRA ACCREDITED

Certificate # 5123.03

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Declaration

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BTL is not responsible for the sampling stage, so the results only apply to the sample as received.

The information, data and test plan are provided by manufacturer which may affect the validity of results, so it is manufacturer's responsibility to ensure that the apparatus meets the essential requirements of applied standards and in all the possible configurations as representative of its intended use.

Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.

Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.



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REPORT ISSUED HISTORY

| Report Version | Description | Issued Date |
|----------------|-----------------|---------------|
| R00 | Original Issue. | Sep. 04, 2020 |



1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

| FCC Part15, Subpart C (15.247) | | | | | | |
|-------------------------------------|--|--|----------|---------|--|--|
| Standard(s) Section | Test Item | Test Result | Judgment | Remark | | |
| 15.207 | AC Power Line Conducted Emissions | APPENDIX A | PASS | | | |
| 15.247(d) 15.205(a) 15.209(a) | Radiated Emissions | APPENDIX B APPENDIX C APPENDIX D | PASS | | | |
| 15.247(a)(2) | Bandwidth | APPENDIX E | PASS | | | |
| 15.247(b)(3) | Maximum Output Power | APPENDIX F | PASS | | | |
| 15.247(d) | Conducted Spurious Emissions | APPENDIX G | PASS | | | |
| 15.247(e) | Power Spectral Density APPENDIX H PASS | | | | | |
| 15.203 | Antenna Requirement | | PASS | Note(2) | | |

Note:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.



1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No. 29, Jintang Road, Tangzhen Industry Park, Pudong New Area, Shanghai 201210, China

BTL's Test Firm Registration Number for FCC: 476765

BTL's Designation Number for FCC: CN1241

1.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

| Test Site | Method | Measurement Frequency Range | U, (dB) |
|-----------|--------|-----------------------------|---------|
| SH-C01 | CISPR | 150 kHz ~ 30 MHz | 2.70 |

B. Radiated emissions test:

| Test Site | Method | Measurement Frequency Range | Ant. H / V | U, (dB) |
|--------------|--------|-----------------------------|---------------|---------|
| | | 9 KHz~30 MHz | V | 3.79 |
| | | 9 KHz~30 MHz | Ι | 3.57 |
| | | 30 MHz~200 MHz | V | 4.04 |
| SH-CB01 CISI | | 30 MHz~200 MHz | Ι | 3.76 |
| | CISPR | 200 MHz~1,000 MHz | V | 4.24 |
| SH-CBUT | CISER | 200 MHz~1,000 MHz | Ι | 3.84 |
| | | 1 GHz~18 GHz | V | 4.46 |
| | | 1 GHz~18 GHz | Ι | 4.40 |
| | | 18 GHz~40 GHz | V | 3.95 |
| | | 18 GHz~40 GHz | Ι | 3.95 |

Note: Unless specifically mentioned, the uncertainty of measurement has not been taken into account to declare the compliance or non-compliance to the specification.

1.3 TEST ENVIRONMENT CONDITIONS

| Test Item | Temperature | Humidity | Test Voltage | Tested By |
|-----------------------------------|-------------|----------|--------------|------------|
| AC Power Line Conducted Emissions | 24°C | 58% | AC 120V/60Hz | Vince Zong |
| Radiated Emissions-30 MHz to 1GHz | 24°C | 58% | AC 120V/60Hz | Vince Zong |
| Radiated Emissions-Above 1000 MHz | 24°C | 58% | AC 120V/60Hz | Vince Zong |
| Bandwidth | 24°C | 56% | DC 12V | Bill Dong |
| Maximum output power | 24°C | 56% | DC 12V | Bill Dong |
| Conducted Spurious Emissions | 24°C | 56% | DC 12V | Bill Dong |
| Power Spectral Density | 24°C | 56% | DC 12V | Vince Zong |



2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

| Equipment | AI-Powered NAS with Tri-Band Mesh WiFi Router | | | | | |
|-------------------------------------|---|--|--|--|--|--|
| Brand Name | QNAP | | | | | |
| Test Model | QMiroPlus-201W | | | | | |
| Series Model | N/A | | | | | |
| Model Difference(s) | N/A | | | | | |
| Power Source | DC voltage supplied from DC adapter. #1: DPS-65VB #2: EA10731J-120 | | | | | |
| Power Rating | #1: I/P:100-240V ~ 50-60Hz 2.0A O/P: 12V === 5.417A Max #2: I/P:100-240V ~ 50-60Hz 2.0A O/P: 12V === 5.0A 60.0W | | | | | |
| Operation Frequency | 2412 MHz ~ 2462 MHz | | | | | |
| Modulation Type | IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ac: OFDM | | | | | |
| Bit Rate of Transmitter | IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 400 Mbps | | | | | |
| Maximum Output Power CDD | IEEE 802.11b: 24.51 dBm (0.2825 W) for Ant. 1 IEEE 802.11g: 23.93 dBm (0.2472 W) for Ant. 1 IEEE 802.11n (HT20): 23.81 dBm (0.2404 W) for Ant. 1 IEEE 802.11n (HT40): 20.15 dBm (0.1035 W) for Ant. 1 IEEE 802.11ac (VHT20): 23.84 dBm (0.2421 W) for Ant. 1 IEEE 802.11ac (VHT40):19.44 dBm (0.0879 W) for Ant. 1 IEEE 802.11b: 24.53 dBm (0.2838 W) for Ant. 2 IEEE 802.11g: 22.75 dBm (0.1884 W) for Ant. 2 IEEE 802.11n (HT20): 22.67 dBm (0.1849 W) for Ant. 2 IEEE 802.11n (HT40): 16.73 dBm (0.0471 W) for Ant. 2 IEEE 802.11ac (VHT20): 23.44 dBm (0.2208 W) for Ant. 2 IEEE 802.11ac (VHT40):17.80 dBm (0.0603 W) for Ant. 2 IEEE 802.11b: 27.56 dBm (0.5702 W) for Ant. 1+ Ant. 2 IEEE 802.11n (HT20): 26.12 dBm (0.4093 W) for Ant. 1+ Ant. 2 IEEE 802.11n (HT40): 21.89 dBm (0.1545 W) for Ant. 1+ Ant. 2 IEEE 802.11ac (VHT20): 25.64 dBm (0.3664 W) for Ant. 1+ Ant. 2 IEEE 802.11ac (VHT40): 21.89 dBm (0.1581 W) for Ant. 1+ Ant. 2 | | | | | |
| Maximum Output Power Beamforming | | | | | | |

Note:

1. For a more detailed features description, please refer to the manufacturer's specifications or the user's manual.



2. Channel List:

| CH01 - C | CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20), IEEE 802.11ac (VHT20) | | | | | | |
|---|--|---------------|-------------|-------------|-------------|---------|------|
| | CH03 | - CH09 for IE | EEE 802.11n | (HT40), IEE | EE 802.11ac | (VHT40) | |
| Channel Frequency (MHz) Channel Frequency (MHz) Channel Frequency (MHz) Frequency (MHz) | | | | | | | |
| 01 | 2412 | 04 | 2427 | 07 | 2442 | 10 | 2457 |
| 02 | 2417 | 05 | 2432 | 08 | 2447 | 11 | 2462 |
| 03 | 2422 | 06 | 2437 | 09 | 2452 | | |

3. Antenna Specification:

| Ant. | Brand | Model Name | Antenna Type | Connector | Gain (dBi) | Note |
|------|------------|------------|--------------|-----------|---------------|------|
| 1 | GALTRONICS | N/A | PCB | N/A | 2.54 | N/A |
| 2 | GALTRONICS | N/A | PCB | N/A | 2.62 | N/A |

Note:

This EUT supports CDD, all antenna gains are not equal, soDirectional gain = $10log [(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2/N]dBi$, (1) CDD:

For power spectral density measurements, Directional gain = 10log [$(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2/N$]dBi. that isDirectional gain = 10log [$(10^{2.54/20}+10^{2.62/20})^2/2$]=5.59

, ,

For power measurements, Directional gain = $G_{ANT\,MAX}$ +Array Gain , Array Gain = 0 dB ($N_{ANT} \le 4$),so the Directional gain=2.62

(2) Beamforming: Directional gain =10log $[(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2/N]$ dBi= 10log $[(10^{2.54/20}+10^{2.62/20})^2/2]$ =5.59



4. Table for Antenna Configuration:

For CDD

| Operating Mode | 1TX | 2TX |
|------------------|----------------------|---------------------|
| TX Mode | | |
| 802.11b | V (Ant. 1 or Ant. 2) | V (Ant. 1 + Ant. 2) |
| 802.11g | V (Ant. 1 or Ant. 2) | V (Ant. 1 + Ant. 2) |
| 802.11n(20 MHz) | V (Ant. 1 or Ant. 2) | V (Ant. 1 + Ant. 2) |
| 802.11n(40 MHz) | V (Ant. 1 or Ant. 2) | V (Ant. 1 + Ant. 2) |
| 802.11ac(20 MHz) | V (Ant. 1 or Ant. 2) | V (Ant. 1 + Ant. 2) |
| 802.11ac(40 MHz) | V (Ant. 1 or Ant. 2) | V (Ant. 1 + Ant. 2) |

For Beamforming

| roi bealilloillillig | |
|-------------------------|---------------------|
| Operating Mode TX Mode | 2TX |
| 802.11b | V (Ant. 1 + Ant. 2) |
| 802.11g | V (Ant. 1 + Ant. 2) |
| 802.11n(20 MHz) | V (Ant. 1 + Ant. 2) |
| 802.11n(40 MHz) | V (Ant. 1 + Ant. 2) |
| 802.11ac(20 MHz) | V (Ant. 1 + Ant. 2) |
| 802.11ac(40 MHz) | V (Ant. 1 + Ant. 2) |
| | |



2.2 DESCRIPTION OF TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

| Pretest Mode | Description | |
|--------------|------------------------------------|--|
| Mode 1 | TX B Mode Channel 01/06/11 | |
| Mode 2 | TX G Mode Channel 01/06/11 | |
| Mode 3 | TX N-20 MHz Mode Channel 01/06/11 | |
| Mode 4 | TX N-40 MHz Mode Channel 03/06/09 | |
| Mode 5 | TX AC-20 MHz Mode Channel 01/06/11 | |
| Mode 6 | TX AC-40 MHz Mode Channel 03/06/09 | |
| Mode 7 | TX B Mode Channel 11 | |

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

| AC power line conducted emissions test | | | |
|--|----------------------|--|--|
| Final Test Mode Description | | | |
| Mode 7 | TX B Mode Channel 11 | | |

| Radiated emissions test - Below 1GHz | | | |
|--------------------------------------|----------------------|--|--|
| Final Test Mode Description | | | |
| Mode 7 | TX B Mode Channel 11 | | |

| Radiated emissions test- Above 1GHz | | | |
|-------------------------------------|------------------------------------|--|--|
| Final Test Mode Description | | | |
| Mode 1 | TX B Mode Channel 01/06/11 | | |
| Mode 2 | TX G Mode Channel 01/06/11 | | |
| Mode 3 | TX N-20 MHz Mode Channel 01/06/11 | | |
| Mode 4 | TX N-40 MHz Mode Channel 03/06/09 | | |
| Mode 5 | TX AC-20 MHz Mode Channel 01/06/11 | | |
| Mode 6 | TX AC-40 MHz Mode Channel 03/06/09 | | |



| Conducted test | | | |
|-----------------|------------------------------------|--|--|
| Final Test Mode | Description | | |
| Mode 1 | TX B Mode Channel 01/06/11 | | |
| Mode 2 | TX G Mode Channel 01/06/11 | | |
| Mode 3 | TX N-20 MHz Mode Channel 01/06/11 | | |
| Mode 4 | TX N-40 MHz Mode Channel 03/06/09 | | |
| Mode 5 | TX AC-20 MHz Mode Channel 01/06/11 | | |
| Mode 6 | TX AC-40 MHz Mode Channel 03/06/09 | | |

NOTE:

- (1) The measurements are performed at the high, middle, low available channels.
- (2) 802.11b mode: CCK (1 Mbps) 802.11g mode: OFDM (6 Mbps)

802.11n HT20 mode : BPSK (13 Mbps) 802.11n HT40 mode : BPSK (27 Mbps) 802.11ac VHT20 mode : BPSK (13 Mbps) 802.11ac VHT40 mode : BPSK (27 Mbps)

For radiated emission tests, the highest output powers were set for final test.

- (3) For radiated emission below 1 GHz test, the IEEE 802.11b Channel 11 is found to be the worst case and recorded.
- (4) For radiated emission above 1 GHz test, 1GHz~26.5GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.



2.3 PARAMETERS OF TEST SOFTWARE

CDD

For Ant. 1

| . •. / | | | |
|-----------------------|------|------|------|
| Test Software | QRCT | | |
| Frequency (MHz) | 2412 | 2437 | 2462 |
| IEEE 802.11b | 24 | 24 | 24 |
| IEEE 802.11g | 19 | 24 | 20 |
| IEEE 802.11n (HT20) | 19 | 24 | 19.5 |
| IEEE 802.11ac (VHT20) | 19 | 24 | 17.5 |
| Frequency (MHz) | 2422 | 2437 | 2452 |
| IEEE 802.11n (HT40) | 18 | 20 | 18.5 |
| IEEE 802.11ac (VHT40) | 16 | 19 | 17 |

For Ant. 2

| Test Software | QRCT | | |
|-----------------------|------|------|------|
| Frequency (MHz) | 2412 | 2437 | 2462 |
| IEEE 802.11b | 24 | 24 | 24 |
| IEEE 802.11g | 17 | 23 | 17 |
| IEEE 802.11n (HT20) | 16 | 23 | 16 |
| IEEE 802.11ac (VHT20) | 16 | 23 | 24 |
| Frequency (MHz) | 2422 | 2437 | 2452 |
| IEEE 802.11n (HT40) | 14 | 17 | 15 |
| IEEE 802.11ac (VHT40) | 14 | 18 | 15 |

For Ant. 1 + Ant. 2

| Test Software | QRCT | | |
|-----------------------|------|------|------|
| Frequency (MHz) | 2412 | 2437 | 2462 |
| IEEE 802.11b | 24 | 24 | 24 |
| IEEE 802.11g | 19 | 23.5 | 18 |
| IEEE 802.11n (HT20) | 17 | 23.5 | 16.5 |
| IEEE 802.11ac (VHT20) | 17 | 23.5 | 16.5 |
| Frequency (MHz) | 2422 | 2437 | 2452 |
| IEEE 802.11n (HT40) | 15 | 19 | 16 |
| IEEE 802.11ac (VHT40) | 15 | 19 | 16 |



Beamforming

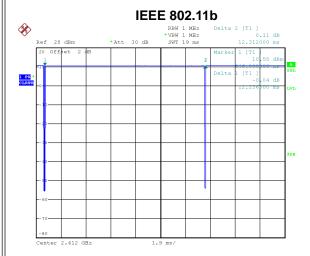
| Test Software | QRCT | | |
|-----------------------|------|------|------|
| Frequency (MHz) | 2412 | 2437 | 2462 |
| IEEE 802.11b | 23 | 23 | 23 |
| IEEE 802.11g | 19 | 23.5 | 18 |
| IEEE 802.11n (HT20) | 17 | 23.5 | 16.5 |
| IEEE 802.11ac (VHT20) | 17 | 23.5 | 16.5 |
| Frequency (MHz) | 2422 | 2437 | 2452 |
| IEEE 802.11n (HT40) | 15 | 19 | 16 |
| IEEE 802.11ac (VHT40) | 15 | 19 | 16 |





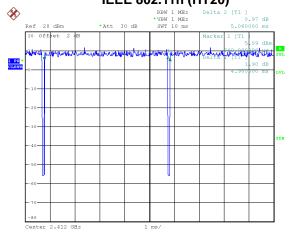
2.4 DUTY CYCLE

If duty cycle is \geq 98 %, duty factor is not required. If duty cycle is < 98 %, duty factor shall be considered. The output power = measured power + duty factor.



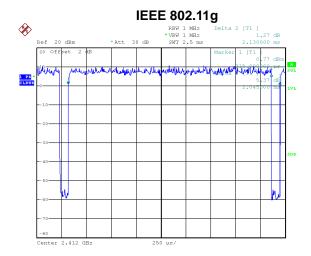
Date: 8.JUN.2020 21:54:49

Duty cycle = 12.236 ms / 12.312 ms = 99.38% Duty Factor = 10 log(1/Duty cycle) = 0.00 IEEE 802.11n (HT20)



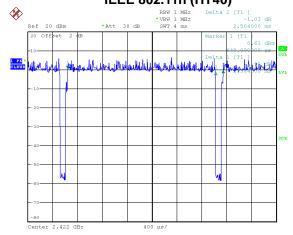
Date: 8.JUN.2020 21:56:09

Duty cycle = 4.980 ms / 5.060 ms = 98.42% Duty Factor = 10 log(1/Duty cycle) = 0.00



Date: 8.JUN.2020 21:55:20

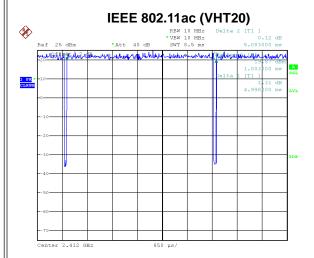
Duty cycle = 2.045 ms / 2.130 ms = 96.01% Duty Factor = 10 log(1/Duty cycle) = 0.18 IEEE 802.11n (HT40)



Date: 8.JUN.2020 21:57:20

Duty cycle = 2.384 ms / 2.504 ms = 95.21% Duty Factor = 10 log(1/Duty cycle) = 0.21





Duty cycle = 4.998 ms / 5.083 ms = 98.33% Duty Factor = 10 log(1/Duty cycle) = 0.00

Date: 22.JUN.2020 16:29:43

Duty cycle = 2.424 ms / 2.512 ms = 96.50% Duty Factor = 10 log(1/Duty cycle) = 0.15

NOTE:

Date: 22.JUN.2020 16:28:13

For IEEE 802.11g and IEEE 802.11n (HT20) and IEEE 802.11ac (VHT20):

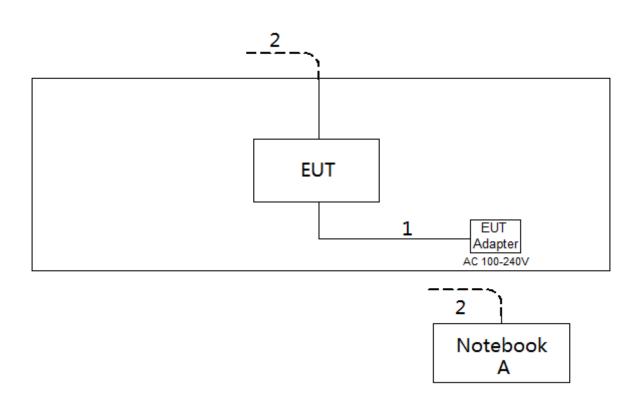
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11n (HT40) and IEEE 802.11ac (VHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).



2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

| Item | Equipment | Brand | Model No. | Series No. |
|------|-----------|-------|------------------|------------|
| Α | Notebook | Dell | Inspiron 15-7559 | N/A |

| Item | Cable Type | Shielded Type | Ferrite Core | Length |
|------|------------|---------------|--------------|--------|
| 1 | DC Cable | NO | NO | 1.5m |
| 2 | RJ45 Cable | NO | NO | 10m |



3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

| Fraguency of Emission (MLI-) | Limit (dBμV) | |
|------------------------------|--------------|-----------|
| Frequency of Emission (MHz) | Quasi-peak | Average |
| 0.15 - 0.50 | 66 to 56* | 56 to 46* |
| 0.5 - 5.0 | 56 | 46 |
| 5.0 - 30.0 | 60 | 50 |

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.

The following table is the setting of the receiver

| Receiver Parameters | Setting |
|---------------------|----------|
| Attenuation | 10 dB |
| Start Frequency | 0.15 MHz |
| Stop Frequency | 30 MHz |
| IF Bandwidth | 9 kHz |

3.2 TEST PROCEDURE

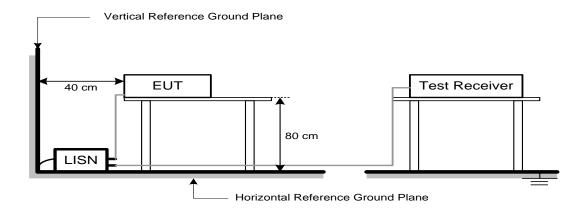
- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

3.3 DEVIATION FROM TEST STANDARD

No deviation



3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULTS

Please refer to the APPENDIX A.



4. RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) limit in the table below has to be followed.

LIMITS OF RADIATED EMISSION MEASUREMENT (9 kHz-1000 MHz)

| Frequency | Field Strength | Measurement Distance |
|-------------|--------------------|----------------------|
| (MHz) | (microvolts/meter) | (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 |

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

| Fraguenay (MHz) | (dBuV/m at 3 m) | |
|-----------------|-----------------|---------|
| Frequency (MHz) | Peak | Average |
| Above 1000 | 74 | 54 |

NOTE:

- (1) The limit for radiated test was performed according to FCC PART 15C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).

| Spectrum Parameter | Setting |
|-------------------------------|-------------------------|
| Attenuation | Auto |
| Start Frequency | 1000 MHz |
| Stop Frequency | 10th carrier harmonic |
| RBW / VBW | 1 MHz / 3 MHz for Peak, |
| (Emission in restricted band) | 1 MHz / 1/T for Average |

| Receiver Parameter | Setting |
|------------------------|-------------------------------------|
| Attenuation | Auto |
| Start ~ Stop Frequency | 9 kHz~90 kHz for PK/AVG detector |
| Start ~ Stop Frequency | 90 kHz~110 kHz for QP detector |
| Start ~ Stop Frequency | 110 kHz~490 kHz for PK/AVG detector |
| Start ~ Stop Frequency | 490 kHz~30 MHz for QP detector |
| Start ~ Stop Frequency | 30 MHz~1000 MHz for QP detector |



No deviation

4.2 TEST PROCEDURE

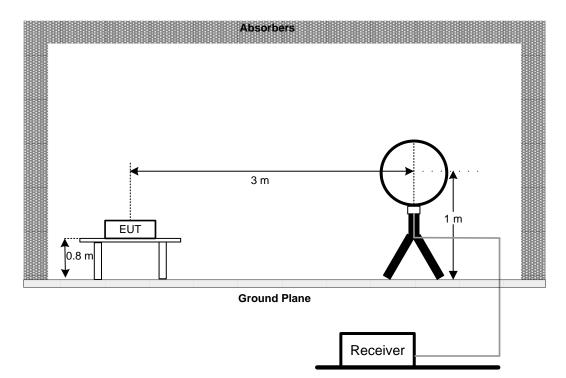
- a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (below 1 GHz)
- b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation. (above 1 GHz)
- c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. 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 find the maximum reading (used Bore sight function).
- e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform, (above 1 GHz)
- i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.3 DEVIATION FROM TEST STANDARD

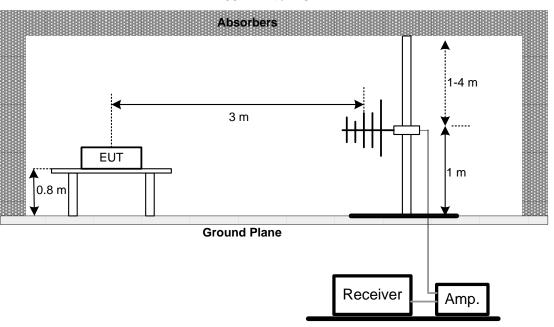


4.4 TEST SETUP

9 kHz-30 MHz

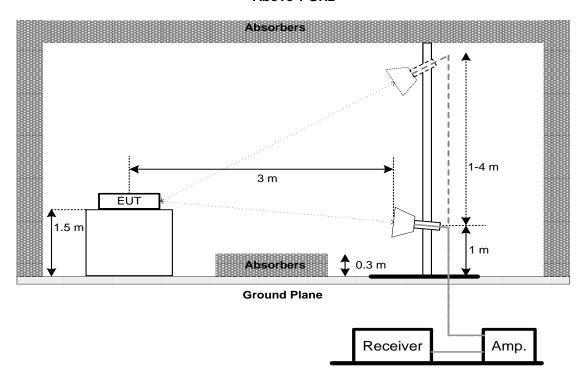


30 MHz to 1 GHz





Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B

Remark:

- (1) Distance extrapolation factor = 40 log (specific distance / test distance) (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

4.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

(1) No limit: This is fundamental signal, the judgment is not applicable. For fundamental signal judgment was referred to Peak output test.



5. BANDWIDTH TEST

5.1 LIMIT

| FCC Part15, Subpart C (15.247) | | |
|--------------------------------|------------------------|-----------------|
| Section Test Item Limit | | |
| 15.247(a)(2) | 6 dB Bandwidth | Minimum 500 kHz |
| | 99% Emission Bandwidth | - |

5.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting:

For 6 dB Bandwidth: RBW= 100 kHz, VBW=300 kHz, Sweep time = auto.
For 99% Emission Bandwidth B/G/N-20 Mode: RBW= 300 KHz, VBW=1 MHz, Sweep time = 2.5 ms.

c. The bandwidth was performed in accordance with method 11.8.1 of ANSI C63.10-2013.

5.3 DEVIATION FROM STANDARD

No deviation.

5.4 TEST SETUP

| EUT | SPECTRUM |
|-----|----------|
| | ANALYZER |

5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS

Please refer to the APPENDIX E.



6. MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

| FCC Part15, Subpart C (15.247) | | |
|--------------------------------|----------------------|-----------------|
| Section Test Item Limit | | |
| 15.247(b)(3) | Maximum Output Power | 1 Watt or 30dBm |

6.2 TEST PROCEDURE

- a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- b. The maximum conducted output power was performed in accordance with method 11.9.1.3 (for peak power) or 11.9.2.3.1 (for AVG power) of ANSI C63.10-2013 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP

| EUT | Power Meter |
|-----|----------------|
| | 1 5 WEI WICKET |

6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.



7. CONDUCTED SPURIOUS EMISSIONS

7.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak Output Power limits. If the transmitter complies with the Output Power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required.

7.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW= 100 kHz, VBW=300 kHz, Sweep time = Auto.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP

| EUT | SPECTRUM |
|-----|----------|
| | ANALYZER |

7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.



8. POWER SPECTRAL DENSITY TEST

8.1 LIMIT

| FCC Part15, Subpart C (15.247) | | |
|--------------------------------|------------------------|-------------------------|
| Section Test Item Limit | | |
| 15.247(e) | Power Spectral Density | 8 dBm (in any 3 kHz) |

8.2 TEST PROCEDURE

- a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- b. Spectrum Setting: RBW=3 kHz, VBW=10 kHz, Sweep time = Auto.
- c. The Power Spectral Density was performed in accordance with method 11.10.2 of ANSI C63.10-2013.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP

| EUT | SPECTRUM |
|-----|----------|
| | ANALYZER |

8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.



9. MEASUREMENT INSTRUMENTS LIST

| | AC Power Line Conducted Emissions | | | | | | | | | |
|------|---|----------------------------|--------------------------|------------|------------------|--|--|--|--|--|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until | | | | | |
| 1 | Line Impedance Stabilisation Network | Schwarzbeck | NNLK 8121 | 8121-822 | Mar. 21, 2021 | | | | | |
| 2 | TWO-LINE V-NETWORK | R&S | ENV216 | 101340 | Sep. 01, 2020 | | | | | |
| 3 | Test Cable | emci | EMCRG400-BM-N M-10000 | 170628 | Jul. 15, 2021 | | | | | |
| 4 | EMI Test Receiver | R&S | ESCI | 100082 | Mar. 21, 2021 | | | | | |
| 5 | 50Ω Terminator | SHX | TF2-1G-A | 17051602 | Mar. 21, 2021 | | | | | |
| 6 | 50Ω coaxial switch | 50Ω coaxial switch Anritsu | | 6201750902 | Mar. 21, 2021 | | | | | |
| 7 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A | | | | | |

| | Radiated Emissions - 9 kHz to 30 MHz | | | | | | | | |
|------|--------------------------------------|-------------------|----------------------------|--------|------------------|--|--|--|--|
| Item | Kind of Equipment | Manufacturer | Manufacturer Type No. Seri | | Calibrated until | | | | |
| 1 | Loop Antenna EMCI | | EMCI LPA600 | 275 | Apr. 02, 2021 | | | | |
| 2 | EMI Test Receiver | Test Receiver R&S | | 100082 | Mar. 21, 2021 | | | | |
| 3 | Measurement Software | Farad | EZ-EMC Ver.NB-03A1-01 | N/A | N/A | | | | |

| | Radiated Emissions - 30 MHz to 1 GHz | | | | | | | | | |
|------|--------------------------------------|--------------|------------------------------|------------|------------------|--|--|--|--|--|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until | | | | | |
| 1 | TRILOG Broadband Antenna | Schwarzbeck | VULB 9168 | 719 | Apr. 02, 2021 | | | | | |
| 2 | Pre-Amplifier | emci | EMC9135 | 980400 | Mar. 21, 2021 | | | | | |
| 3 | MXE EMI Receiver Keysight | | N9038A | MY57150106 | May. 06, 2021 | | | | | |
| 4 | Test Cable | emci | EMC104-SM-SM-7 000 | 170330 | Apr. 13, 2021 | | | | | |
| 5 | Test Cable | emci | EMC104-SM-SM-1 000 | 170331 | Apr. 13, 2021 | | | | | |
| 6 | Test Cable emci | | EMC104-SM-NM-3 500 170621 | | Apr. 13, 2021 | | | | | |
| 7 | Measurement Farad | | EZ-EMC Ver.NB-03A1-01 N/A | | N/A | | | | | |



| Radiated Emissions - Above 1 GHz | | | | | | | | | | | |
|----------------------------------|--|--------------|-----------------------|--------------|------------------|--|--|--|--|--|--|
| Itom | Item Kind of Equipment Manufacturer Type No. Serial No. Calibrated until | | | | | | | | | | |
| пеш | | wanulactulei | Type No. | Senai No. | Cambrated uffill | | | | | | |
| 1 | Double-Ridged Waveguide Horn | ETS-Lindgren | 9120D | 00206960 | Apr. 02, 2021 | | | | | | |
| ' | Antenna | E13-Linugien | 91200 | 00200900 | Αρι. 02, 2021 | | | | | | |
| 2 | Pre-Amplifier | emci | EMC012645SE | 980421 | May. 11, 2021 | | | | | | |
| | EXA Spectrum | | | 300+Z1 | | | | | | | |
| 3 | Analyzer | Keysight | N9010A | MY56480545 | Mar. 21, 2021 | | | | | | |
| 4 | Test Cable | emci | EMC104-SM-SM-7 | 170330 | Apr. 13, 2021 | | | | | | |
| | | | 000 | | ' ' | | | | | | |
| 5 | Test Cable emci | | EMC104-SM-SM-1 000 | 170331 | Apr. 13, 2021 | | | | | | |
| 6 | Test Cable emci | | EMC104-SM-NM-3 | 170621 | Apr. 13, 2021 | | | | | | |
| | TOST GUDIC | CITIOI | 500 | 170021 | 7 pr. 10, 2021 | | | | | | |
| 7 | Measurement | Farad | EZ-EMC | N/A | N/A | | | | | | |
| | Software | 1 didd | Ver.NB-03A1-01 | | | | | | | | |
| 8 | MXE EMI Receiver | Keysight | N9038A | MY57150106 | May. 06, 2021 | | | | | | |
| | Double-Ridged | | | | | | | | | | |
| 9 | Waveguide Horn | ETS-Lindgren | 3116C | 00203919 | Mar. 21, 2021 | | | | | | |
| | Antenna | | | | | | | | | | |
| 10 | Pre-Amplifier | emci | EMC184045SE | 980409 | Mar. 21, 2021 | | | | | | |
| 11 | EXA Spectrum | Keysight | N9010A | MY56480579 | Mar. 21, 2021 | | | | | | |
| | Analyzer | rtcysignt | | 101100-00013 | IVIAI. 21, 2021 | | | | | | |
| 12 | Test Cable | emci | EMC102-KM-KM-8 | 170654 | Mar. 21, 2021 | | | | | | |
| 12 | TOOL OUDIO | 011101 | 00 | 17000 | Wai. 21, 2021 | | | | | | |
| | | | Super | | | | | | | | |
| 13 | Test Cable | emci | Reliable-40G-SS11- | W0030860001 | Mar. 21, 2021 | | | | | | |
| | | | 7000 | | | | | | | | |
| 14 | Measurement | Farad | EZ-EMC | N/A | N/A | | | | | | |
| 17 | Software | i uiuu | Ver.NB-03A1-01 | 1 1// 1 | 14// (| | | | | | |

| Bandwidth | | | | | | | | |
|-----------|-------------------|--------------|----------|------------|------------------|--|--|--|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until | | | |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100626 | Mar. 06, 2021 | | | |

| | Maximum Output Power | | | | | | | | | |
|------|-----------------------------------|--------------|----------|------------|------------------|--|--|--|--|--|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until | | | | | |
| 1 | Peak Power Analyze Keysight | | 8990B | MY51000507 | Mar. 21, 2021 | | | | | |
| 2 | Wideband Power Sensor Keysight | | N9123A | MY58310003 | Mar. 21, 2021 | | | | | |

| Antenna Conducted Spurious Emissions | | | | | | | | |
|--------------------------------------|-------------------|------------|------------------|--------|---------------|--|--|--|
| Item | Kind of Equipment | Serial No. | Calibrated until | | | | | |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100626 | Mar. 06, 2021 | | | |

| Power Spectral Density | | | | | | | | |
|------------------------|-------------------|--------------|----------|------------|------------------|--|--|--|
| Item | Kind of Equipment | Manufacturer | Type No. | Serial No. | Calibrated until | | | |
| 1 | Spectrum Analyzer | R&S | FSP40 | 100626 | Mar. 06, 2021 | | | |

Remark: "N/A" denotes no model name, serial no. or calibration specified.

All calibration period of equipment list is one year.



10. EUT TEST PHOTO



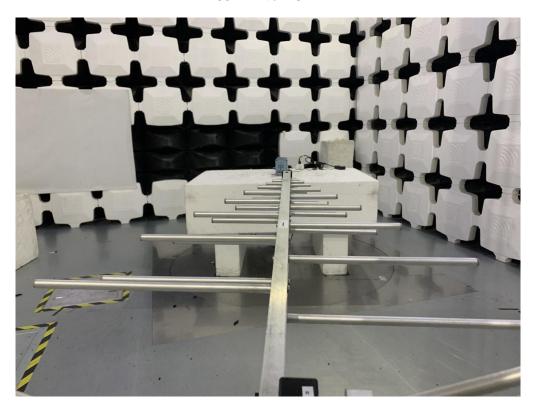


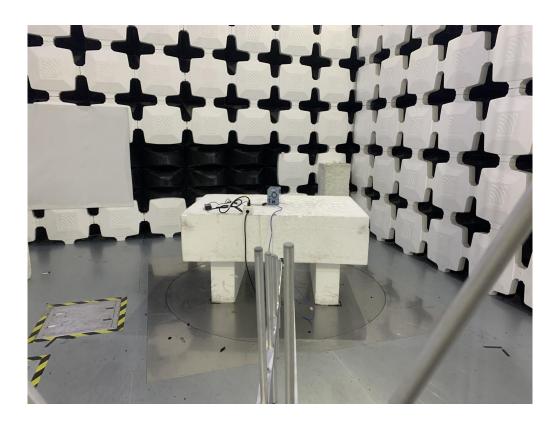




Radiated Emissions Test Photos

30 MHz to 1 GHz

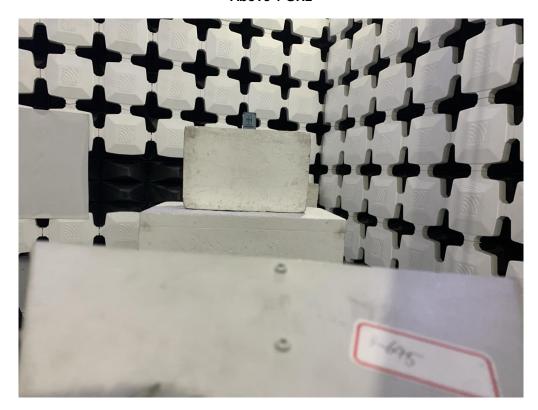


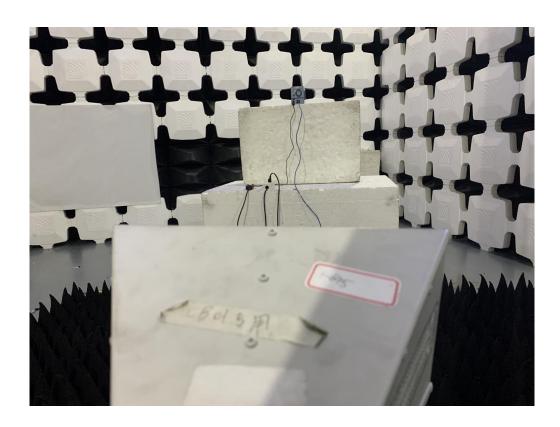




Radiated Emissions Test Photos

Above 1 GHz





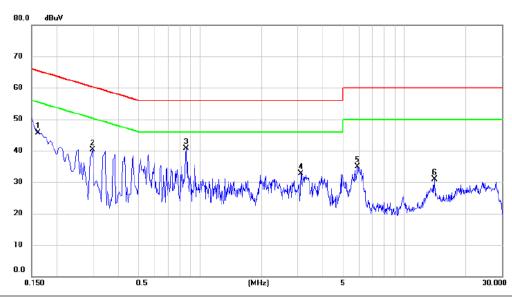


APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS



Test Mode: TX B Mode Channel 11

Line



| No. Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|---------|---------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 | 0.1615 | 35.89 | 9.74 | 45.63 | 65.39 | -19.76 | peak | |
| 2 | 0.2985 | 30.54 | 9.82 | 40.36 | 60.28 | -19.92 | peak | |
| 3 * | 0.8565 | 30.94 | 9.79 | 40.73 | 56.00 | -15.27 | peak | |
| 4 | 3.1200 | 22.88 | 9.86 | 32.74 | 56.00 | -23.26 | peak | |
| 5 | 5.8875 | 24.95 | 10.02 | 34.97 | 60.00 | -25.03 | peak | |
| 6 | 14.0010 | 20.80 | 10.19 | 30.99 | 60.00 | -29.01 | peak | |

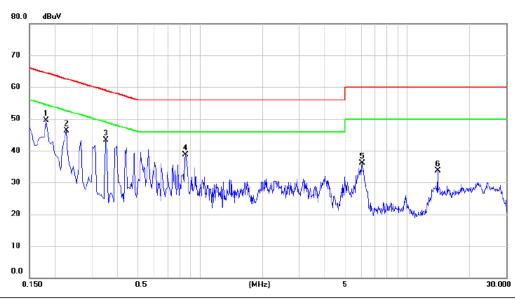
REMARKS:

- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode Channel 11

Neutral



| No. Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|--------|---------|------------------|-------------------|------------------|-------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV | dBuV | dB | Detector | Comment |
| 1 * | 0.1815 | 39.79 | 9.63 | 49.42 | 64.42 | -15.00 | peak | |
| 2 | 0.2265 | 36.69 | 9.63 | 46.32 | 62.58 | -16.26 | peak | |
| 3 | 0.3525 | 33.60 | 9.67 | 43.27 | 58.90 | -15.63 | peak | |
| 4 | 0.8520 | 29.01 | 9.72 | 38.73 | 56.00 | -17.27 | peak | |
| 5 | 6.0630 | 26.01 | 10.01 | 36.02 | 60.00 | -23.98 | peak | |
| 6 | 14.0010 | 23.52 | 10.15 | 33.67 | 60.00 | -26.33 | peak | |

REMARKS:

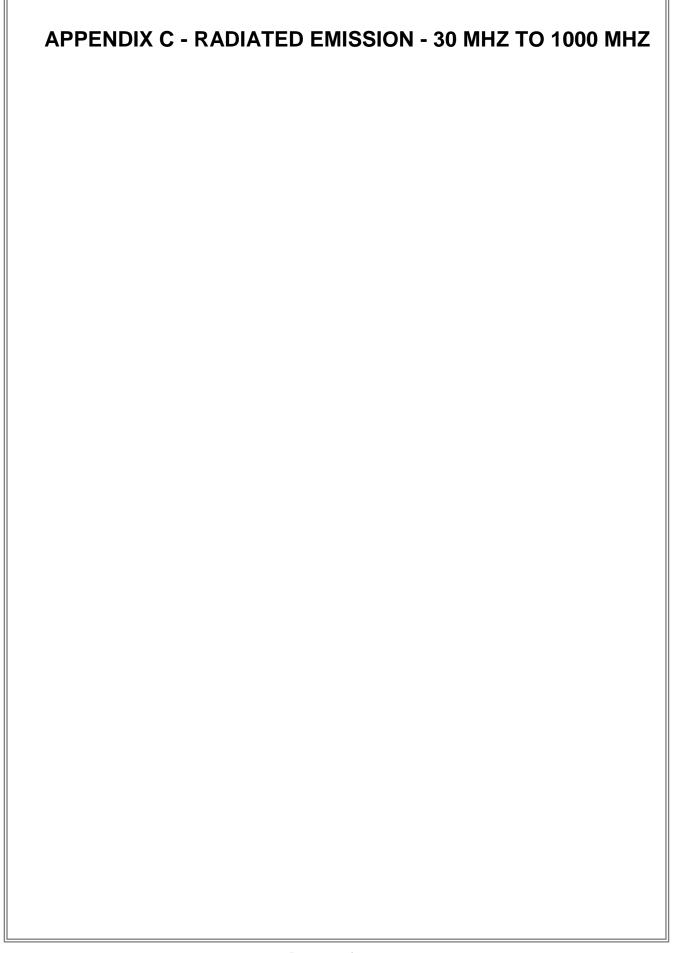
- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Note: Below 30MHz, The measured value have enough margin over 20dB than the limit, therefore they are not reported

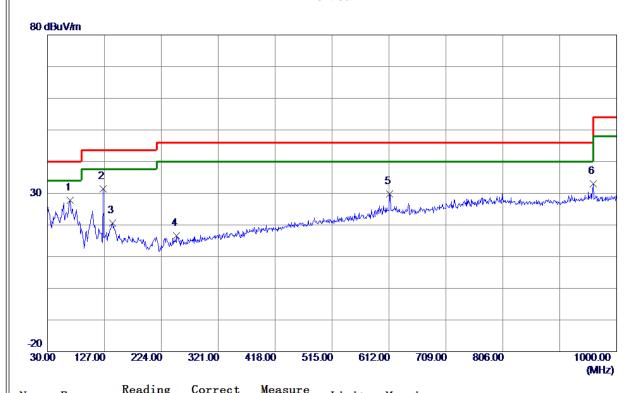








Vertical



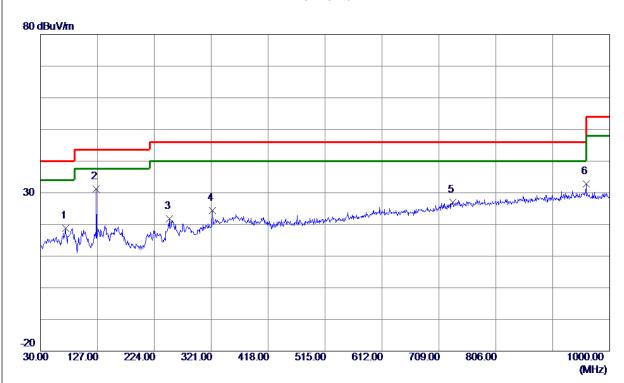
| No. | Freq. | Level | Factor | measure | Limit | Margin | | |
|-----|-----------|--------|---------|---------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 69. 2850 | 45.95 | -18.09 | 27.86 | 40.00 | -12. 14 | Peak | |
| 2 | 125.0600 | 49. 03 | -17.69 | 31. 34 | 43.50 | -12. 16 | Peak | |
| 3 | 141.0650 | 36. 93 | -16. 25 | 20. 68 | 43.50 | -22.82 | Peak | |
| 4 | 250. 1900 | 33. 30 | -16. 66 | 16. 64 | 46.00 | -29. 36 | Peak | |
| 5 | 613. 4550 | 37.81 | -7.92 | 29.89 | 46.00 | -16. 11 | Peak | |
| 6 | 959.7450 | 36. 47 | -3.45 | 33.02 | 46.00 | -12.98 | Peak | |
| I | | | | | | | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode Channel 11

Horizontal



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|-----------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 72.6800 | 37. 57 | -18.80 | 18.77 | 40.00 | -21. 23 | Peak | |
| 2 * | 125.0600 | 48.86 | -17. 69 | 31. 17 | 43.50 | -12. 33 | Peak | |
| 3 | 250. 1900 | 38. 49 | -16.66 | 21.83 | 46.00 | -24. 17 | Peak | |
| 4 | 322.9400 | 38. 70 | -14. 23 | 24.47 | 46.00 | -21. 53 | Peak | |
| 5 | 732. 2800 | 33. 12 | -6. 16 | 26. 96 | 46.00 | -19.04 | Peak | |
| 6 | 959. 7450 | 36. 19 | -3.45 | 32.74 | 46.00 | -13. 26 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



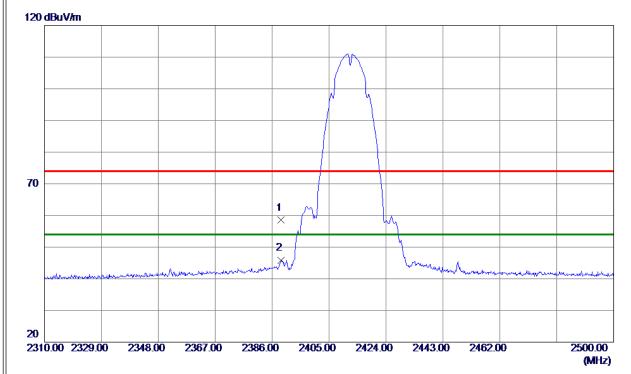
APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ



For Ant. 1

Test Mode: TX B Mode 2412 MHz

Vertical



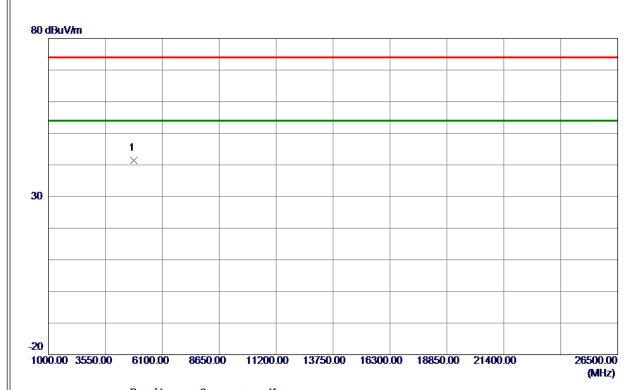
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2389.0400 | 25. 14 | 33. 36 | 58. 50 | 74.00 | -15.50 | Peak | |
| 2 * | 2389. 0400 | 12. 36 | 33. 36 | 45.72 | 54.00 | -8. 28 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2412 MHz

Vertical



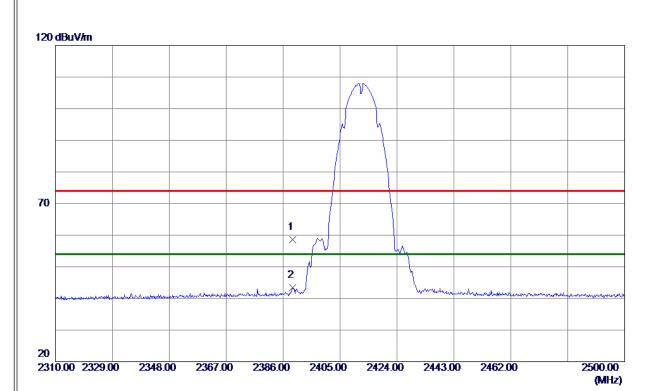
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4824. 0400 | 49.65 | -8. 22 | 41. 43 | 74.00 | -32. 57 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2412 MHz

Horizontal



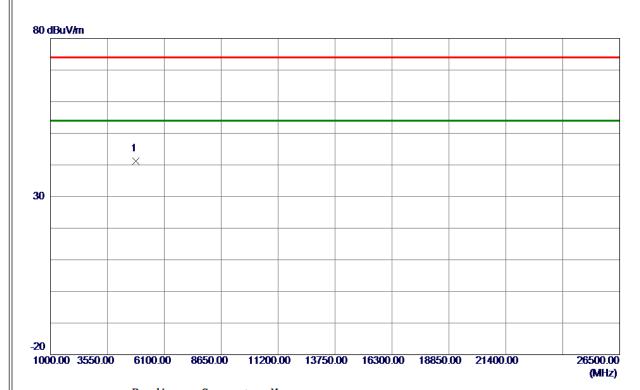
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2389. 1350 | 25. 20 | 33. 36 | 58. 56 | 74.00 | -15.44 | Peak | |
| 2 * | 2389. 1350 | 10.05 | 33. 36 | 43.41 | 54.00 | -10. 59 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2412 MHz

Horizontal



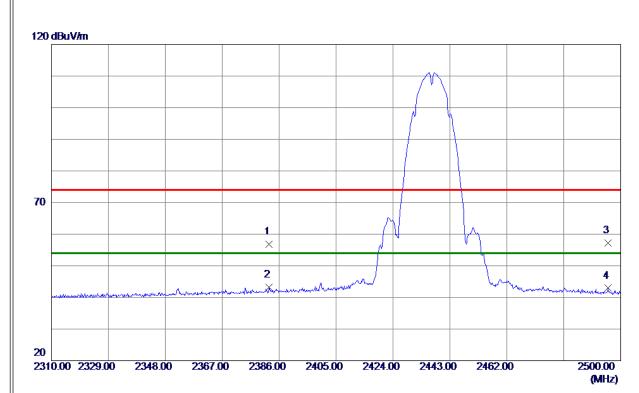
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4823, 9100 | 49.46 | -8. 22 | 41. 24 | 74.00 | -32, 76 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2437 MHz

Vertical



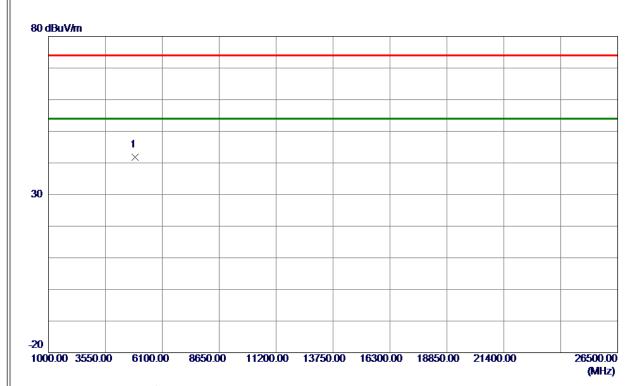
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2382. 5800 | 23. 56 | 33. 33 | 56. 89 | 74.00 | -17.11 | Peak | |
| 2 * | 2382. 5800 | 9. 93 | 33. 33 | 43. 26 | 54.00 | -10.74 | AVG | |
| 3 | 2495. 7250 | 23.48 | 33.81 | 57. 29 | 74.00 | -16.71 | Peak | |
| 4 | 2495. 7250 | 9. 09 | 33.81 | 42.90 | 54.00 | -11. 10 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2437 MHz

Vertical



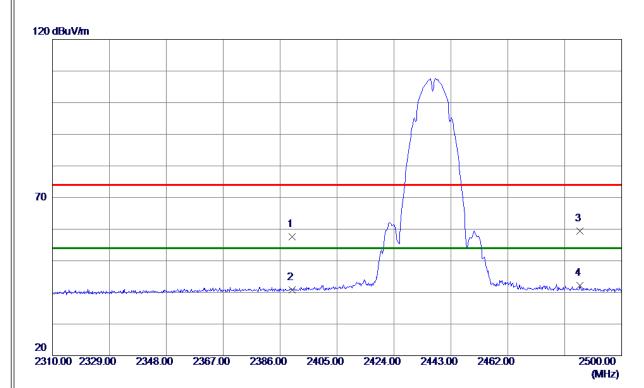
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4874. 0900 | 49. 84 | -8. 07 | 41.77 | 74.00 | -32. 23 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2437 MHz

Horizontal



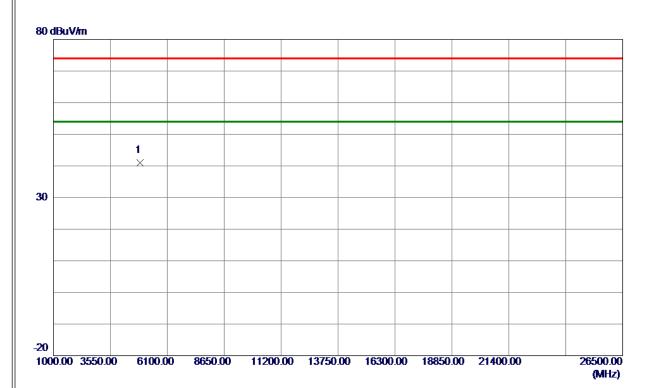
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 24. 26 | 33. 36 | 57.62 | 74.00 | -16. 38 | Peak | |
| 2 | 2390.0000 | 7.47 | 33. 36 | 40.83 | 54.00 | -13. 17 | AVG | |
| 3 | 2486. 0350 | 25. 54 | 33. 77 | 59. 31 | 74.00 | -14.69 | Peak | |
| 4 * | 2486. 0350 | 8. 51 | 33. 77 | 42. 28 | 54.00 | -11.72 | AVG | |
| | | | | | | | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2437 MHz

Horizontal



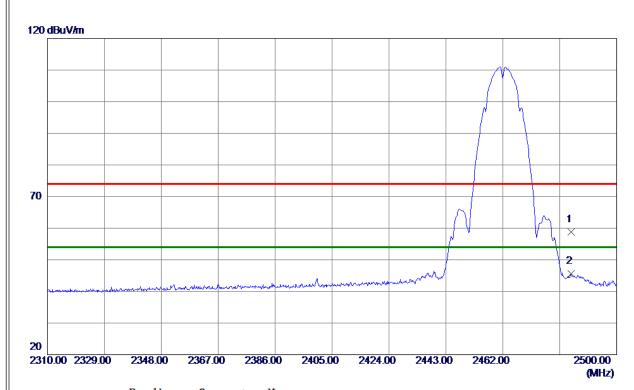
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4874. 6450 | 49. 14 | -8. 07 | 41. 07 | 74.00 | -32. 93 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2462 MHz

Vertical



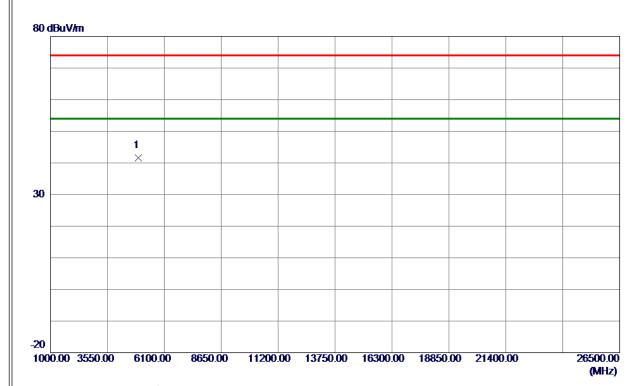
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|-----------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2484.7050 | 25. 13 | 33. 76 | 58.89 | 74.00 | -15. 11 | Peak | |
| 2 * | 2484.7050 | 11.86 | 33. 76 | 45. 62 | 54.00 | -8. 38 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2462 MHz

Vertical



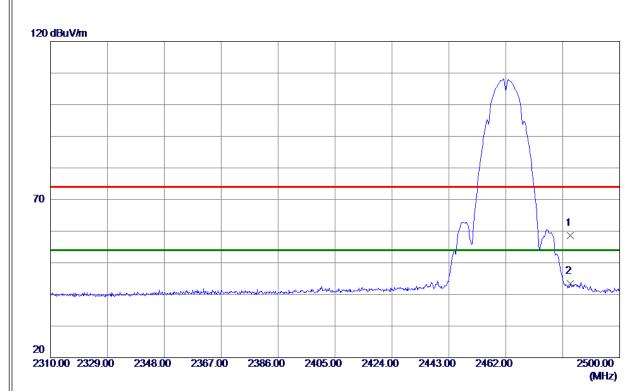
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4924. 2350 | 49. 52 | -7. 91 | 41.61 | 74.00 | -32. 39 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2462 MHz

Horizontal



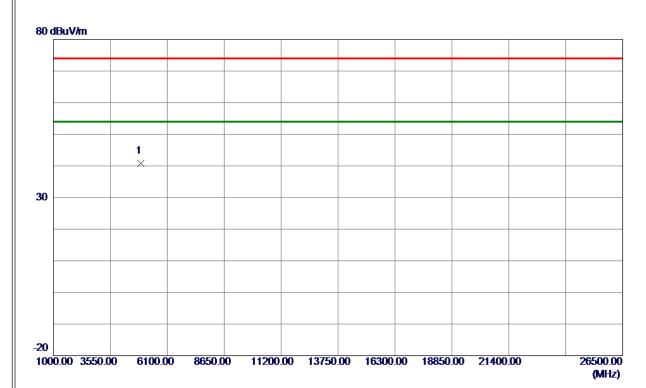
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 24.80 | 33.76 | 58. 56 | 74.00 | -15.44 | Peak | |
| 2 * | 2483. 5000 | 9. 72 | 33. 76 | 43. 48 | 54.00 | -10.52 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2462 MHz

Horizontal



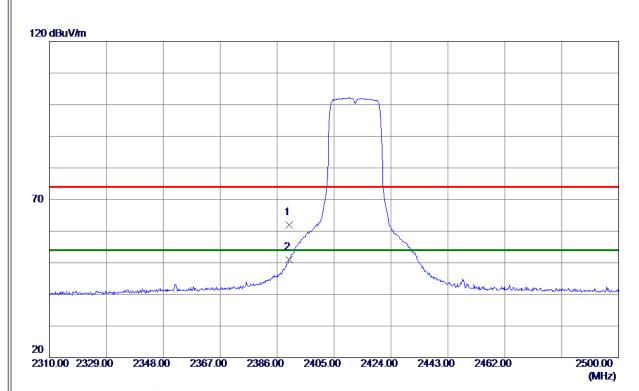
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4923. 2100 | 48.78 | -7. 92 | 40.86 | 74.00 | -33. 14 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2412 MHz

Vertical



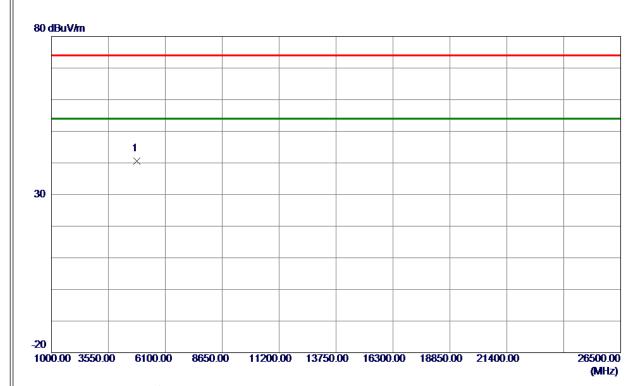
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|-----------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 28.64 | 33. 36 | 62.00 | 74.00 | -12.00 | Peak | |
| 2 * | 2390.0000 | 17.67 | 33. 36 | 51.03 | 54.00 | -2.97 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2412 MHz

Vertical



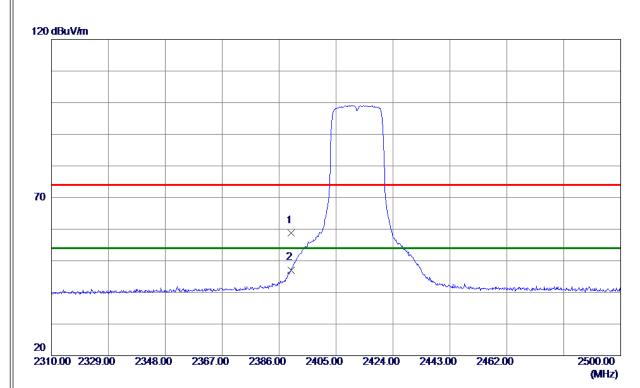
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4823. 0000 | 48. 79 | -8. 23 | 40. 56 | 74.00 | -33. 44 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2412 MHz

Horizontal



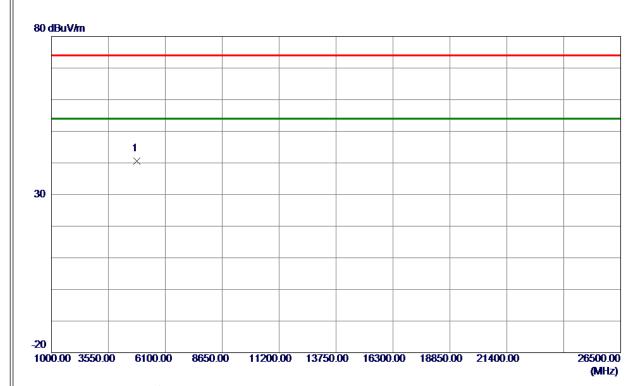
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 25.48 | 33. 36 | 58.84 | 74.00 | -15. 16 | Peak | |
| 2 * | 2390. 0000 | 13.74 | 33. 36 | 47. 10 | 54.00 | -6. 90 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2412 MHz

Horizontal



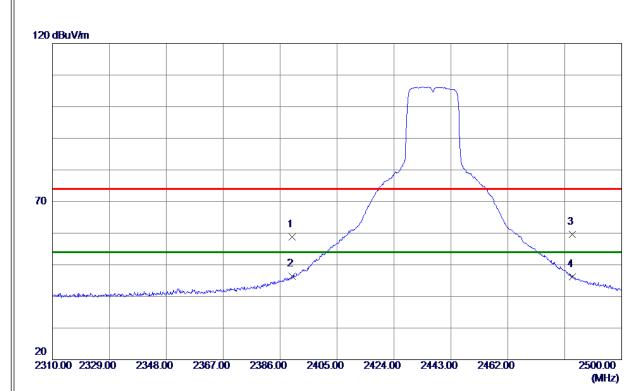
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4824. 5750 | 48. 73 | -8. 22 | 40. 51 | 74.00 | -33. 49 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2437 MHz

Vertical



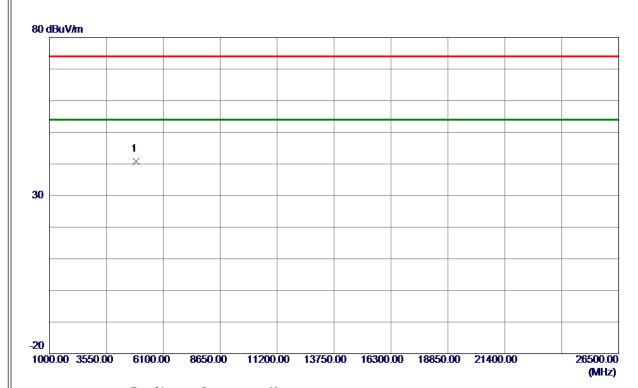
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 25. 46 | 33. 36 | 58. 82 | 74.00 | -15. 18 | Peak | |
| 2 * | 2390.0000 | 12. 98 | 33. 36 | 46. 34 | 54.00 | -7. 66 | AVG | |
| 3 | 2483. 5000 | 25.77 | 33.76 | 59. 53 | 74.00 | -14.47 | Peak | |
| 4 | 2483. 5000 | 12. 37 | 33. 76 | 46. 13 | 54.00 | -7.87 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2437 MHz

Vertical



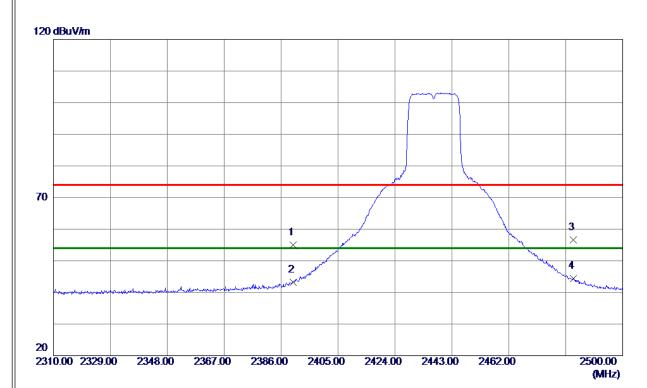
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4874. 7400 | 48. 80 | -8. 07 | 40. 73 | 74.00 | -33. 27 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2437 MHz

Horizontal



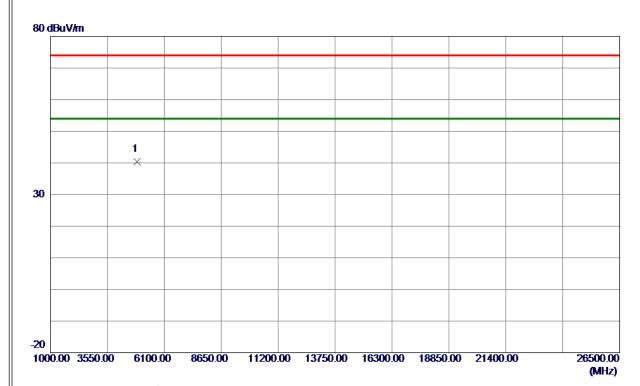
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 21. 56 | 33. 36 | 54.92 | 74.00 | -19.08 | Peak | |
| 2 * | 2390. 0000 | 9.87 | 33. 36 | 43. 23 | 54.00 | -10.77 | AVG | |
| 3 | 2483. 5000 | 22.84 | 33. 76 | 56. 60 | 74.00 | -17.40 | Peak | |
| 4 | 2483. 5000 | 10. 57 | 33. 76 | 44. 33 | 74.00 | -29. 67 | Peak | |
| | | | | | | | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2437 MHz

Horizontal



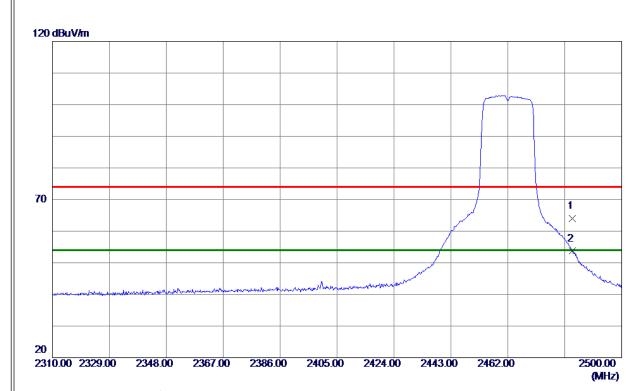
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4875. 7050 | 48. 47 | -8. 06 | 40.41 | 74.00 | -33. 59 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2462 MHz

Vertical



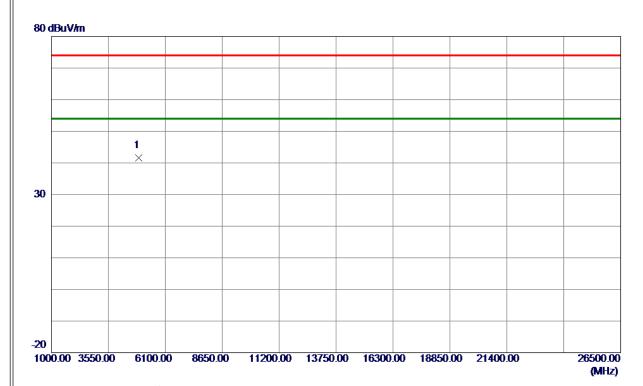
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 30. 16 | 33. 76 | 63.92 | 74.00 | -10.08 | Peak | |
| 2 * | 2483. 5000 | 19. 94 | 33. 76 | 53. 70 | 54.00 | -0.30 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2462 MHz

Vertical



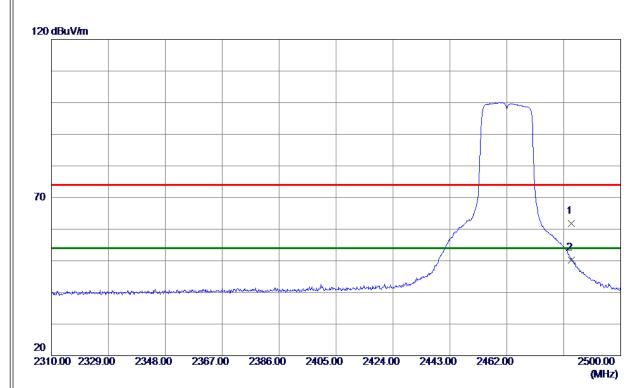
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4923. 6650 | 49. 44 | -7. 92 | 41. 52 | 74.00 | -32. 48 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2462 MHz

Horizontal



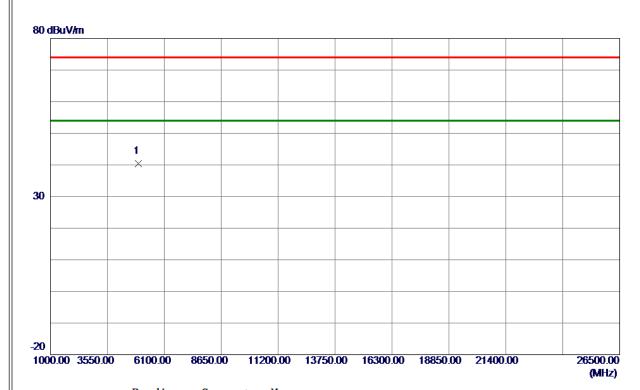
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 28. 11 | 33.76 | 61.87 | 74.00 | -12. 13 | Peak | |
| 2 * | 2483. 5000 | 16. 45 | 33. 76 | 50. 21 | 54.00 | -3.79 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX G Mode 2462 MHz

Horizontal



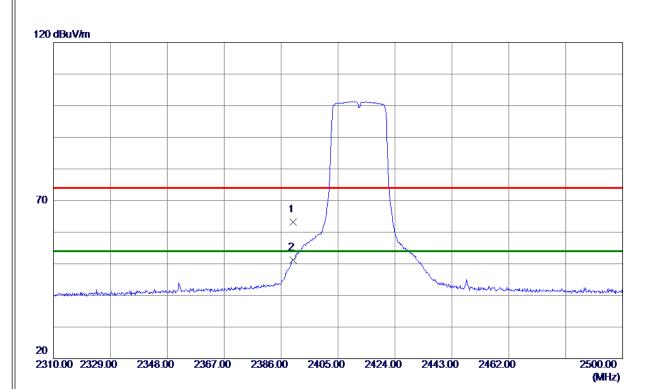
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4925, 8250 | 48. 33 | -7. 91 | 40. 42 | 74.00 | -33, 58 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2412 MHz

Vertical



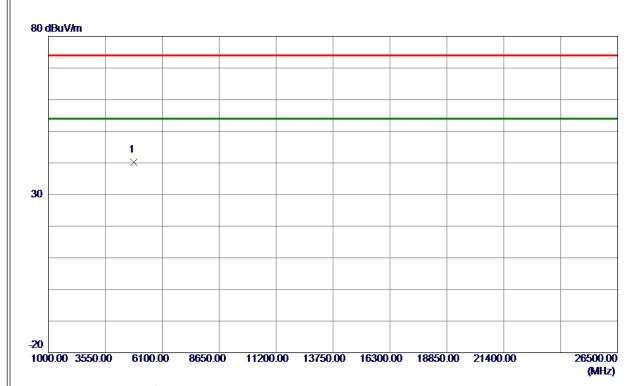
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 29.89 | 33. 36 | 63. 25 | 74.00 | -10.75 | Peak | |
| 2 * | 2390. 0000 | 17.81 | 33. 36 | 51. 17 | 54.00 | -2.83 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2412 MHz

Vertical



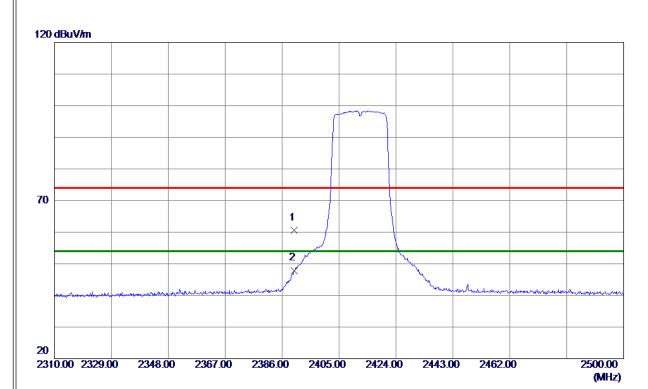
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4823. 6200 | 48. 42 | -8. 22 | 40. 20 | 74.00 | -33. 80 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2412 MHz

Horizontal



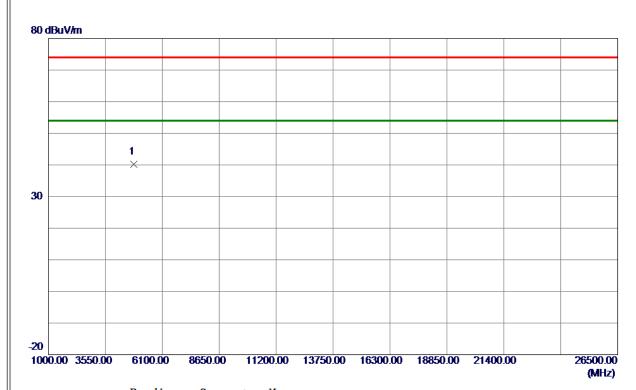
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|-----------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 27. 15 | 33. 36 | 60. 51 | 74.00 | -13.49 | Peak | |
| 2 * | 2390.0000 | 14.54 | 33. 36 | 47.90 | 54.00 | -6. 10 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2412 MHz

Horizontal



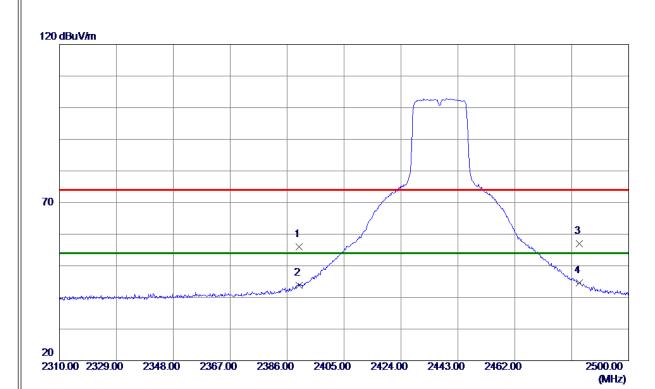
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4825. 3700 | 48. 51 | -8. 22 | 40. 29 | 74.00 | -33.71 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2437 MHz

Vertical



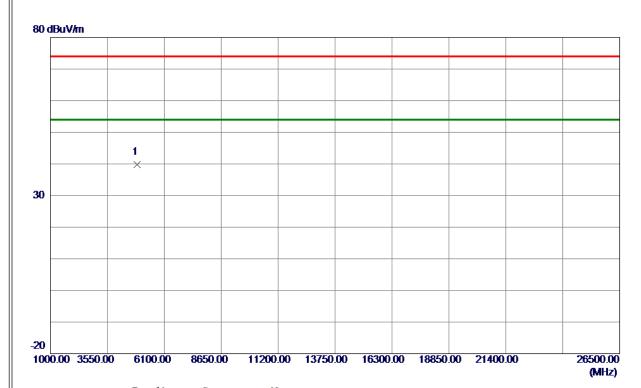
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 22. 56 | 33. 36 | 55. 92 | 74.00 | -18.08 | Peak | |
| 2 | 2390.0000 | 10.44 | 33. 36 | 43.80 | 54.00 | -10. 20 | AVG | |
| 3 | 2483. 5000 | 23. 15 | 33. 76 | 56. 91 | 74.00 | -17.09 | Peak | |
| 4 * | 2483. 5000 | 10.83 | 33. 76 | 44. 59 | 54.00 | -9.41 | AVG | |
| | | | | | | | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2437 MHz

Vertical



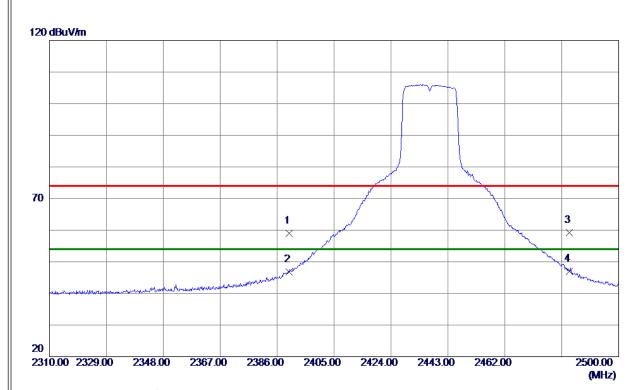
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4875. 7200 | 47.85 | -8. 06 | 39. 79 | 74.00 | -34. 21 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2437 MHz

Horizontal

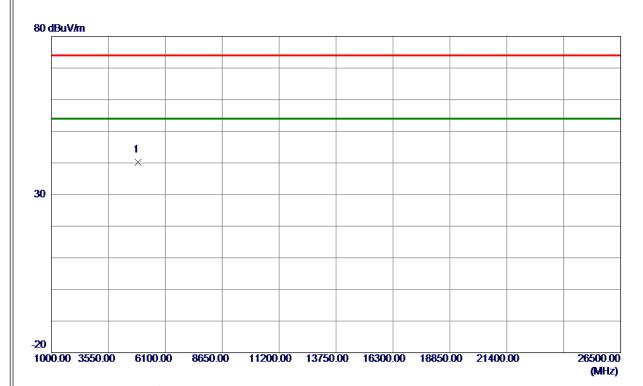


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 25. 66 | 33. 36 | 59.02 | 74.00 | -14.98 | Peak | |
| 2 | 2390.0000 | 13. 50 | 33. 36 | 46.86 | 54.00 | -7.14 | AVG | |
| 3 | 2483. 5000 | 25. 45 | 33.76 | 59. 21 | 74.00 | -14.79 | Peak | |
| 4 * | 2483. 5000 | 13. 30 | 33. 76 | 47.06 | 54.00 | -6. 94 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

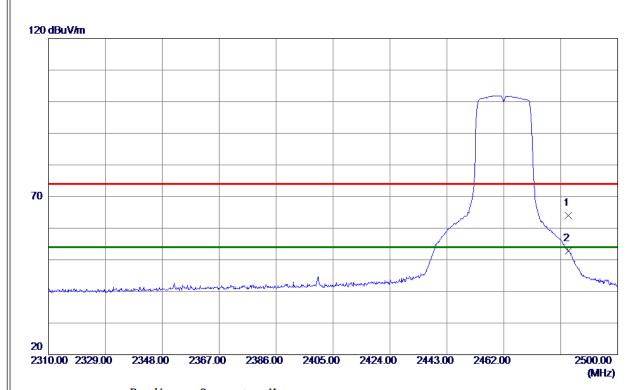


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4873. 9850 | 48. 19 | -8. 07 | 40. 12 | 74.00 | -33. 88 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Vertical

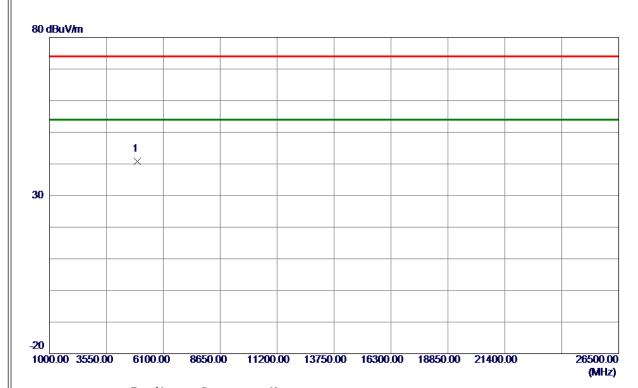


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 30. 16 | 33. 76 | 63. 92 | 74.00 | -10.08 | Peak | |
| 2 * | 2483. 5000 | 19. 03 | 33. 76 | 52. 79 | 54.00 | -1. 21 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

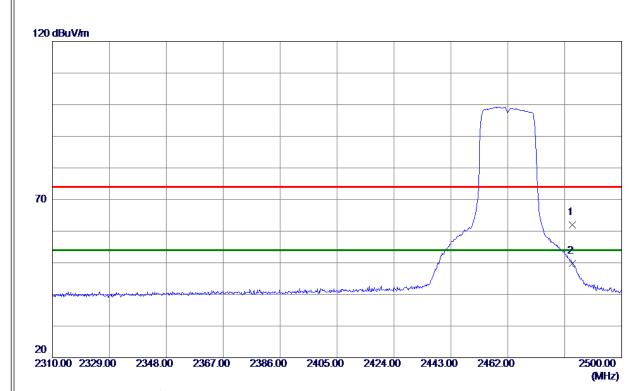


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4926. 4500 | 48. 68 | -7. 91 | 40.77 | 74.00 | -33. 23 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal



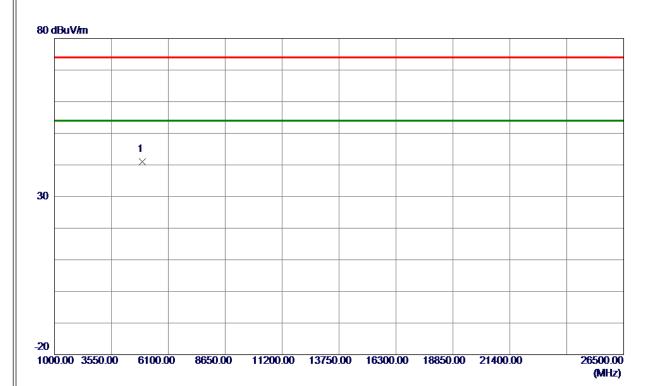
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 28. 15 | 33. 76 | 61.91 | 74.00 | -12.09 | Peak | |
| 2 * | 2483. 5000 | 15. 99 | 33. 76 | 49.75 | 54.00 | -4.25 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX N-20M Mode 2462 MHz

Horizontal

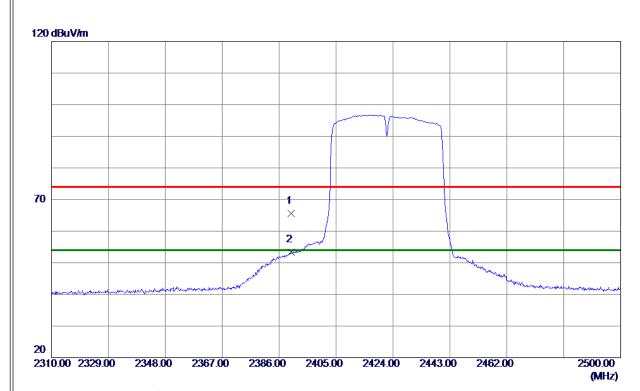


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4924. 2250 | 48. 95 | -7. 91 | 41.04 | 74.00 | -32. 96 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Vertical

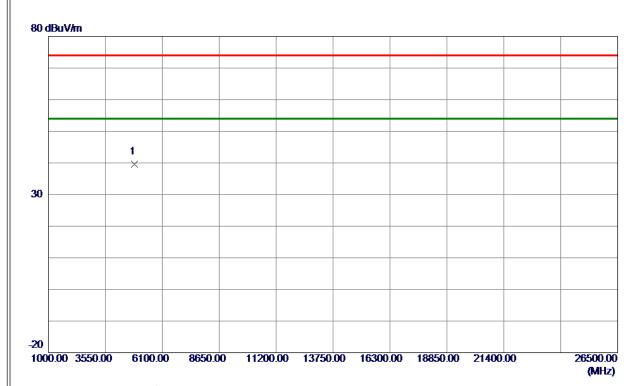


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|-----------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 32. 16 | 33. 36 | 65. 52 | 74.00 | -8.48 | Peak | |
| 2 * | 2390.0000 | 20.08 | 33. 36 | 53.44 | 54.00 | -0. 56 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

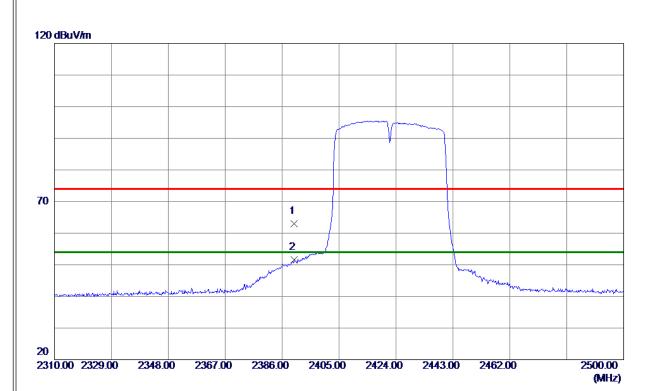


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4843. 2650 | 47.85 | -8. 16 | 39. 69 | 74.00 | -34. 31 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

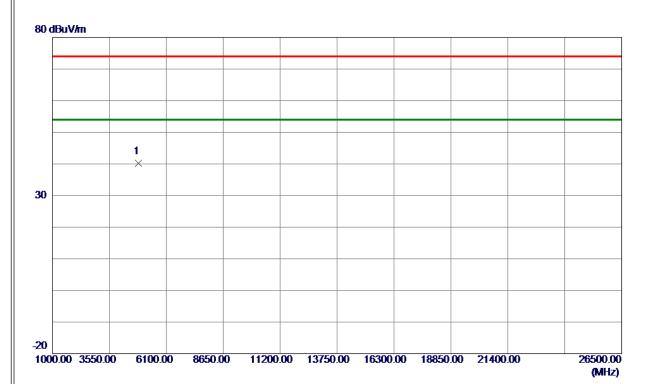


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|-----------|------------------|-------------------|-----------------|--------|--------------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 29.66 | 33. 36 | 63.02 | 74.00 | -10.98 | Peak | |
| 2 * | 2390.0000 | 18. 19 | 33. 36 | 51. 55 | 54.00 | -2.45 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

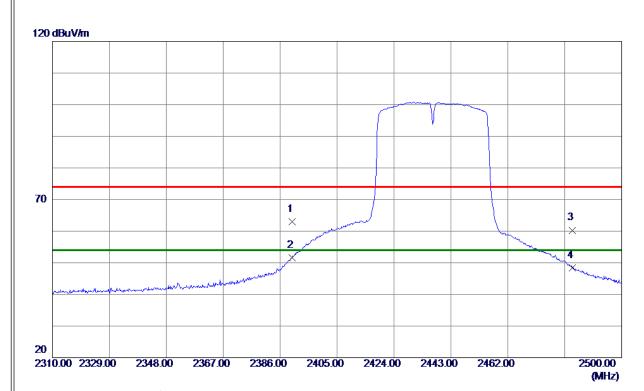


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4844. 5000 | 48. 26 | -8. 16 | 40. 10 | 74.00 | -33. 90 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Vertical

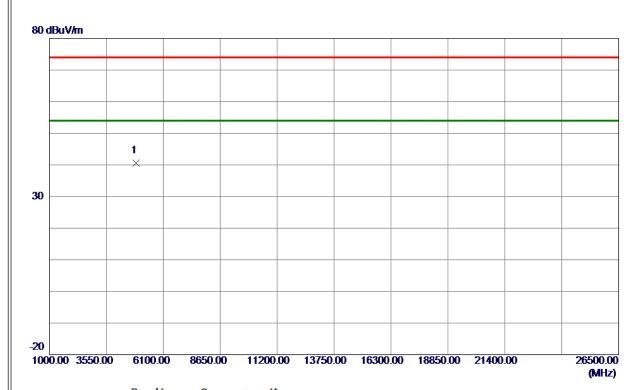


| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 29.66 | 33. 36 | 63.02 | 74.00 | -10.98 | Peak | |
| 2 * | 2390.0000 | 18. 23 | 33. 36 | 51. 59 | 54.00 | -2.41 | AVG | |
| 3 | 2483. 5000 | 26. 54 | 33. 76 | 60.30 | 74.00 | -13.70 | Peak | |
| 4 | 2483. 5000 | 14.66 | 33. 76 | 48. 42 | 54.00 | -5. 58 | AVG | |
| | | | | | | | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

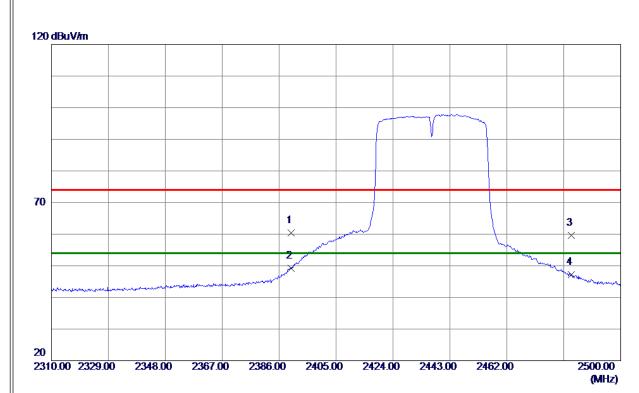


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|-----------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4871.6549 | 48.75 | -8. 08 | 40. 67 | 74.00 | -33. 33 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

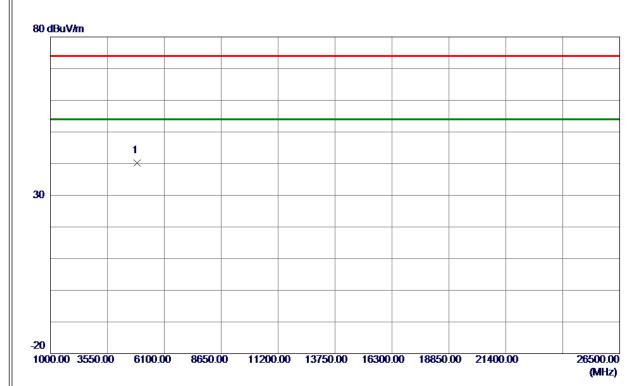


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 27. 11 | 33. 36 | 60. 47 | 74.00 | -13. 53 | Peak | |
| 2 * | 2390.0000 | 15.77 | 33. 36 | 49. 13 | 54.00 | -4.87 | AVG | |
| 3 | 2483. 5000 | 25. 84 | 33. 76 | 59. 60 | 74.00 | -14.40 | Peak | |
| 4 | 2483. 5000 | 13.41 | 33. 76 | 47.17 | 54.00 | -6. 83 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

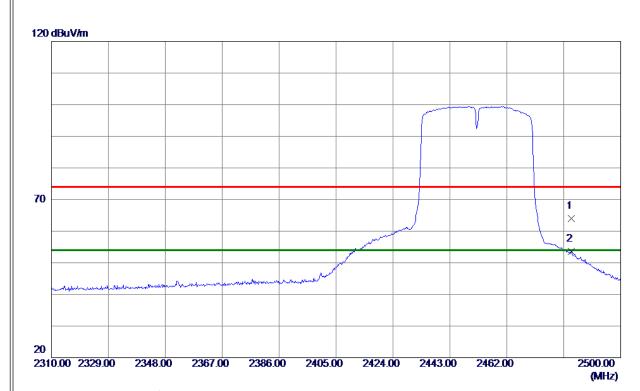


| No. | Freq. | Level Factor ment | | Measure ment | Limit | imit Margin | | |
|-----|------------|-------------------|--------|-----------------|--------|-------------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4871. 9550 | 48, 27 | -8. 07 | 40. 20 | 74.00 | -33, 80 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

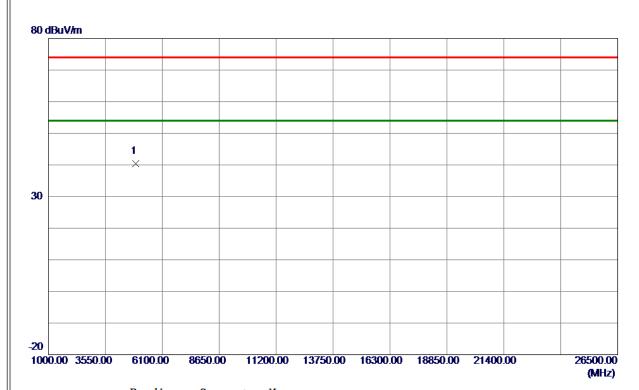


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 30. 26 | 33.76 | 64.02 | 74.00 | -9. 98 | Peak | |
| 2 * | 2483. 5000 | 19.84 | 33. 76 | 53. 60 | 54.00 | -0.40 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

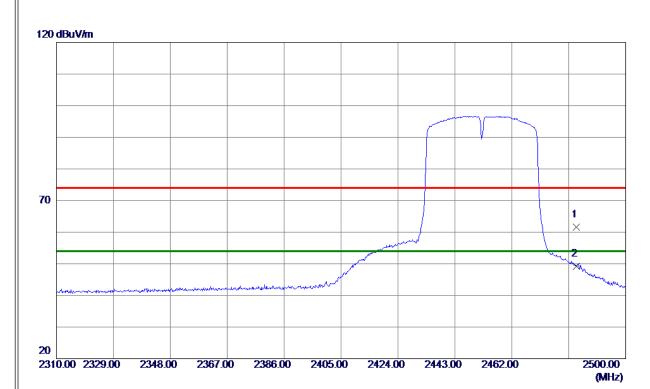


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4901. 9000 | 48. 42 | -7. 98 | 40. 44 | 74.00 | -33. 56 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

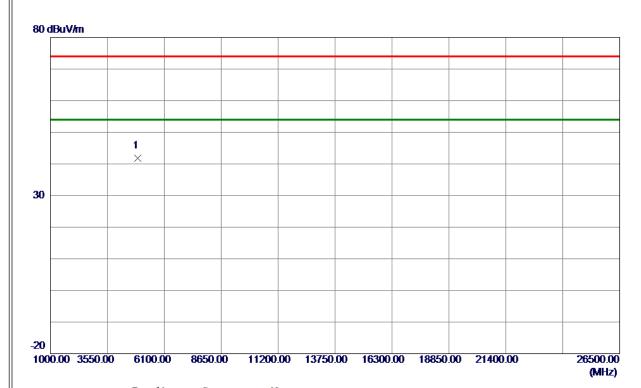


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2483. 5000 | 27.89 | 33. 76 | 61.65 | 74.00 | -12.35 | Peak | |
| 2 * | 2483. 5000 | 15. 39 | 33. 76 | 49. 15 | 54.00 | -4.85 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal



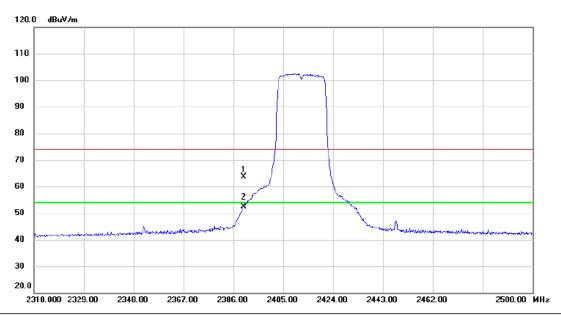
| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4901. 7350 | 49.82 | -7. 98 | 41.84 | 74.00 | -32. 16 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2412 MHz

Vertical



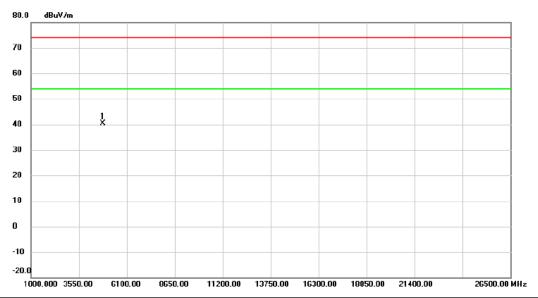
| | No. | Mk | c. Freq. | | Correct Factor | Measure- ment | Limit | Margin | | |
|---|-----|----|----------|-------|-------------------|------------------|--------|--------|----------|---------|
| _ | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| Ī | 1 | | 2390.000 | 30.16 | 33.36 | 63.52 | 74.00 | -10.48 | peak | |
| _ | 2 | * | 2390.000 | 19.04 | 33.36 | 52.40 | 54.00 | -1.60 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2412 MHz

Vertical



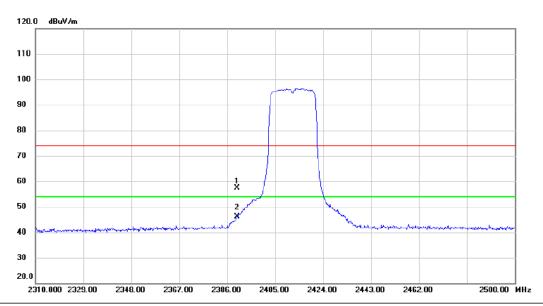
| No. Mk | . Freq. | | | Measure- ment | | Margin | | |
|--------|----------|-------|-------|------------------|--------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4825.410 | 48.51 | -8.22 | 40.29 | 74.00 | -33.71 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2412 MHz

Horizontal



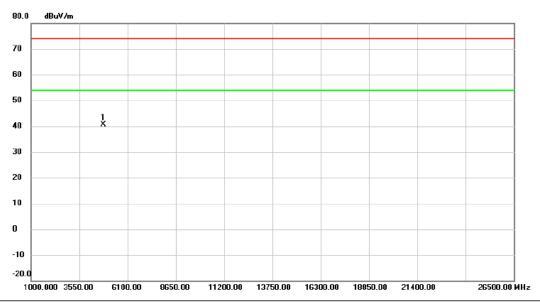
| | No. | M | c. Freq. | | | Measure- ment | | Margin | | |
|---|-----|---|----------|-------|-------|------------------|--------|--------|----------|---------|
| - | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| _ | 1 | | 2390.000 | 23.95 | 33.36 | 57.31 | 74.00 | -16.69 | peak | |
| - | 2 | * | 2390.000 | 12.75 | 33.36 | 46.11 | 54.00 | -7.89 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2412 MHz

Horizontal

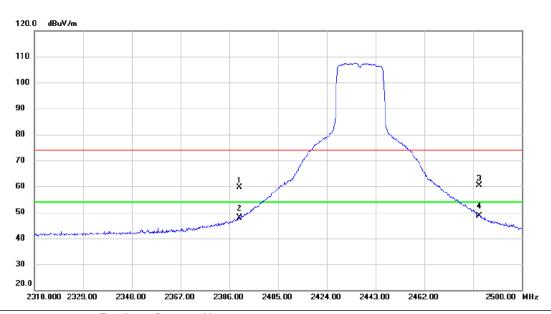


| No. Mk. | . Freq. | | Correct Factor | Measure- ment | Limit | Margin | | |
|---------|----------|-------|-------------------|------------------|--------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4823.250 | 48.90 | -8.23 | 40.67 | 74.00 | -33.33 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

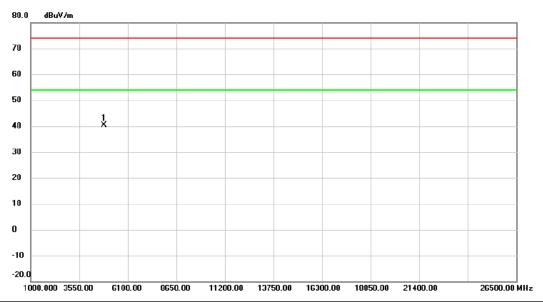


| | No. | М | k. Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|---|-----|---|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| - | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| | 1 | | 2390.000 | 26.15 | 33.36 | 59.51 | 74.00 | -14.49 | peak | |
| _ | 2 | | 2390.000 | 14.43 | 33.36 | 47.79 | 54.00 | -6.21 | AVG | |
| _ | 3 | | 2483.500 | 26.55 | 33.76 | 60.31 | 74.00 | -13.69 | peak | |
| _ | 4 | * | 2483.500 | 14.76 | 33.76 | 48.52 | 54.00 | -5.48 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Vertical

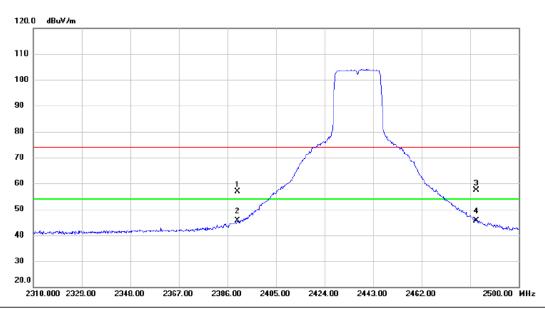


| No. I | Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|-------|----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 ' | * | 4872.925 | 48.38 | -8.07 | 40.31 | 74.00 | -33.69 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal

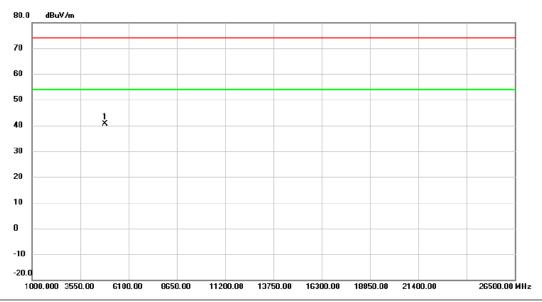


| | No. | Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|---|-----|----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| - | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| | 1 | | 2390.000 | 23.56 | 33.36 | 56.92 | 74.00 | -17.08 | peak | |
| | 2 | | 2390.000 | 12.18 | 33.36 | 45.54 | 54.00 | -8.46 | AVG | |
| | 3 | | 2483.500 | 23.65 | 33.76 | 57.41 | 74.00 | -16.59 | peak | |
| - | 4 | * | 2483.500 | 11.80 | 33.76 | 45.56 | 54.00 | -8.44 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Horizontal



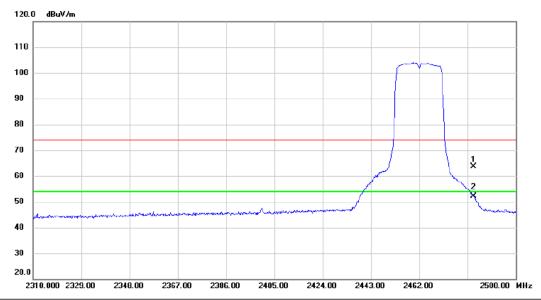
| No. | MI | c. Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|-----|----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 4872.915 | 48.78 | -8.07 | 40.71 | 74.00 | -33.29 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2462 MHz

Vertical



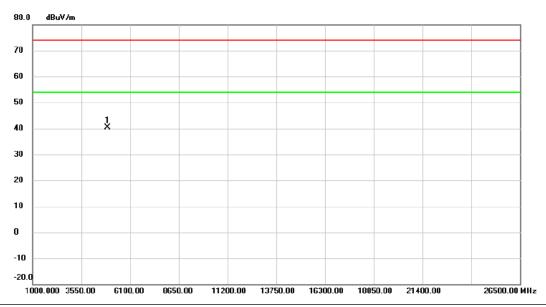
| No. | Mk. | Freq. | | | Measure- ment | | Margin | | |
|-----|-----|----------|-------|-------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2483.500 | 29.99 | 33.76 | 63.75 | 74.00 | -10.25 | peak | |
| 2 | * | 2483.500 | 18.26 | 33.76 | 52.02 | 54.00 | -1.98 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2462 MHz

Vertical



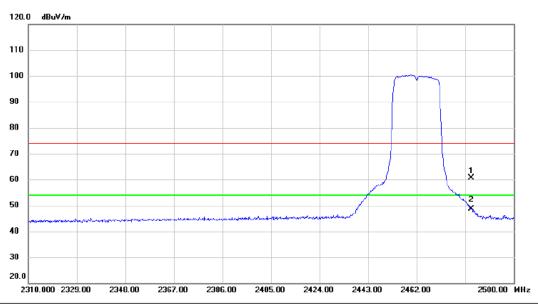
| No. | MI | k. Freq. | | | Measure- ment | | Margin | | |
|-----|----|----------|-------|-------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 4923.020 | 48.38 | -7.91 | 40.47 | 74.00 | -33.53 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2462 MHz

Horizontal



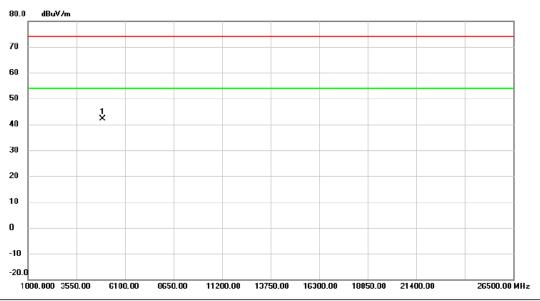
| No. | Mk. | Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|-----|-----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2483.500 | 26.84 | 33.76 | 60.60 | 74.00 | -13.40 | peak | |
| 2 | * | 2483.500 | 14.75 | 33.76 | 48.51 | 54.00 | -5.49 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-20M Mode 2462 MHz

Horizontal



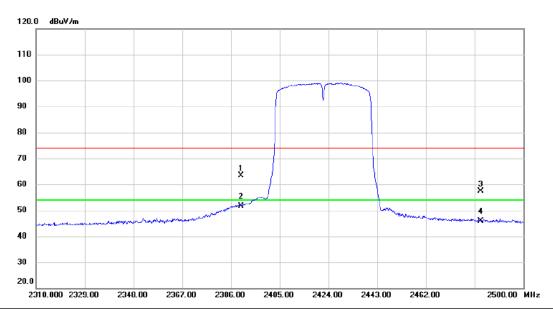
| | No. | M | c. Freq. | | | Measure- ment | | Margin | | |
|---|-----|---|----------|-------|-------|------------------|--------|--------|----------|---------|
| _ | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| - | 1 | * | 4923.100 | 49.97 | -7.91 | 42.06 | 74.00 | -31.94 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2422MHz

Vertical



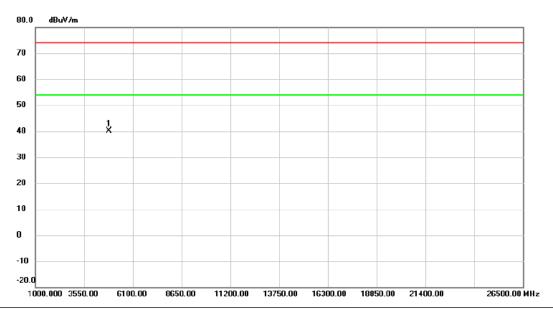
| | No. | MI | k. Freq. | Reading Level | | Measure- ment | Limit | Margin | | |
|---|-----|----|----------|------------------|-------|------------------|--------|--------|----------|---------|
| • | | | MHz | dBu∀ | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| • | 1 | | 2390.000 | 29.99 | 33.36 | 63.35 | 74.00 | -10.65 | peak | |
| | 2 | * | 2390.000 | 18.38 | 33.36 | 51.74 | 54.00 | -2.26 | AVG | |
| | 3 | | 2483.500 | 23.65 | 33.76 | 57.41 | 74.00 | -16.59 | peak | |
| • | 4 | | 2483.500 | 12.22 | 33.76 | 45.98 | 54.00 | -8.02 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2422MHz

Vertical



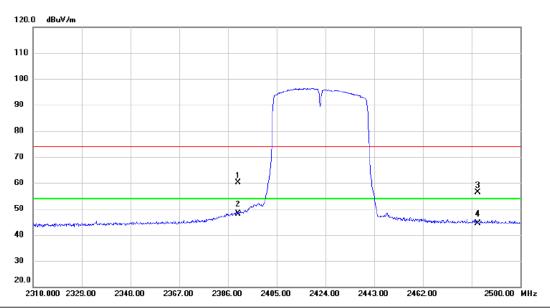
| No. | MI | k. Freq. | | | Measure- ment | | Margin | | |
|-----|----|----------|-------|-------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | * | 4842.335 | 48.41 | -8.17 | 40.24 | 74.00 | -33.76 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2422MHz

Horizontal



| No. | Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|-----|----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2390.000 | 26.84 | 33.36 | 60.20 | 74.00 | -13.80 | peak | |
| 2 | * | 2390.000 | 14.82 | 33.36 | 48.18 | 54.00 | -5.82 | AVG | |
| 3 | | 2483.500 | 22.65 | 33.76 | 56.41 | 74.00 | -17.59 | peak | |
| 4 | | 2483.500 | 10.69 | 33.76 | 44.45 | 54.00 | -9.55 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2422MHz

Horizontal

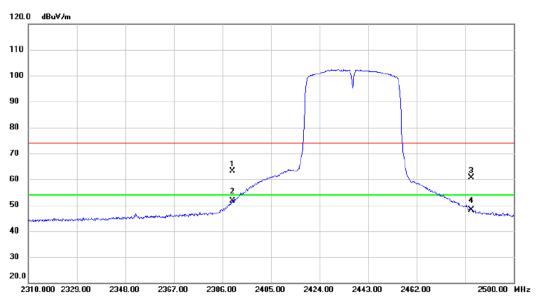


| No. Mi | k. Freq. | | | Measure- ment | | Margin | | |
|--------|----------|-------|-------|------------------|--------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4842.715 | 48.49 | -8.16 | 40.33 | 74.00 | -33.67 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical



| No. | No. Mk. Freq. | | req. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|-----|---------------|------|------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | ı | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2390 | .000 | 29.66 | 33.36 | 63.02 | 74.00 | -10.98 | peak | |
| 2 | * | 2390 | .000 | 18.26 | 33.36 | 51.62 | 54.00 | -2.38 | AVG | |
| 3 | | 2483 | .500 | 26.85 | 33.76 | 60.61 | 74.00 | -13.39 | peak | |
| 4 | | 2483 | .500 | 14.31 | 33.76 | 48.07 | 54.00 | -5.93 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical

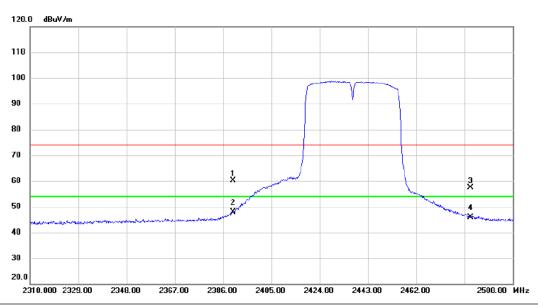


| No. Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|--------|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | MHz | dBu∨ | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4875.660 | 48.23 | -8.06 | 40.17 | 74.00 | -33.83 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Horizontal

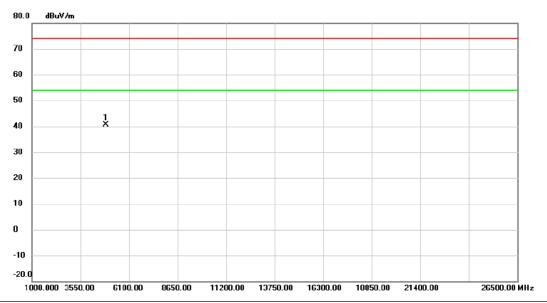


| No | No. Mk. Freq. | | . Freq. | Reading Level | | Measure- ment | Limit | Margin | | |
|----|---------------|---|----------|------------------|-------|------------------|--------|--------|----------|---------|
| | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | | 2390.000 | 26.84 | 33.36 | 60.20 | 74.00 | -13.80 | peak | |
| 2 | * | k | 2390.000 | 14.51 | 33.36 | 47.87 | 54.00 | -6.13 | AVG | |
| 3 | | | 2483.500 | 23.66 | 33.76 | 57.42 | 74.00 | -16.58 | peak | |
| 4 | | | 2483.500 | 12.08 | 33.76 | 45.84 | 54.00 | -8.16 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Horizontal



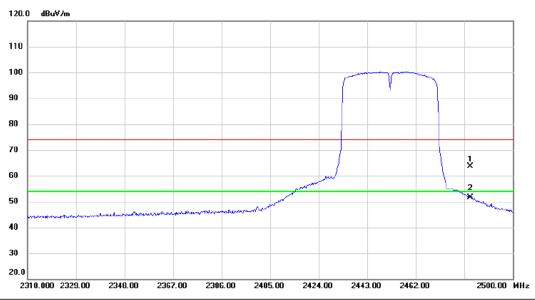
| No. Mk | c. Freq. | | | Measure- ment | | Margin | | |
|--------|----------|-------|-------|------------------|--------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4876.145 | 48.72 | -8.06 | 40.66 | 74.00 | -33.34 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2452 MHz

Vertical



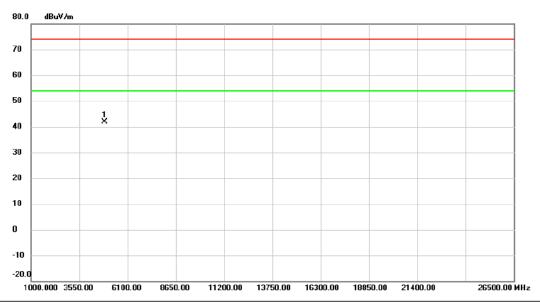
| No. | Mk | c. Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|-----|----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | | 2483.500 | 29.88 | 33.76 | 63.64 | 74.00 | -10.36 | peak | |
| 2 | * | 2483.500 | 17.80 | 33.76 | 51.56 | 54.00 | -2.44 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2452 MHz

Vertical



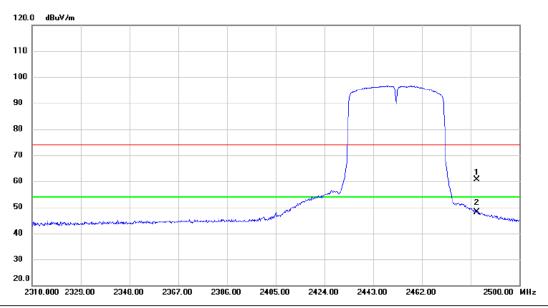
| No. Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|--------|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4903.405 | 49.83 | -7.98 | 41.85 | 74.00 | -32.15 | peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2452 MHz

Horizontal



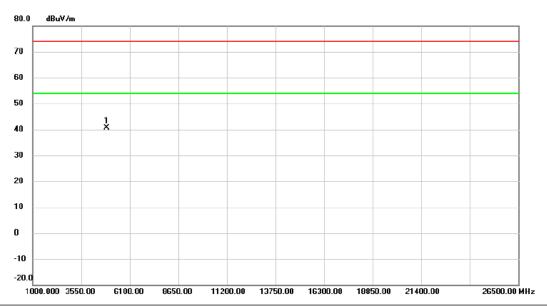
| ١ | lo. | MI | k. Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|---|-----|----|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | | | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| | 1 | | 2483.500 | 26.89 | 33.76 | 60.65 | 74.00 | -13.35 | peak | |
| | 2 | * | 2483.500 | 14.49 | 33.76 | 48.25 | 54.00 | -5.75 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX AC-40M Mode 2452 MHz

Horizontal



| No. Mk | . Freq. | Reading Level | Correct Factor | Measure- ment | Limit | Margin | | |
|--------|----------|------------------|-------------------|------------------|--------|--------|----------|---------|
| | MHz | dBuV | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4905.815 | 48.58 | -7.97 | 40.61 | 74.00 | -33.39 | peak | |

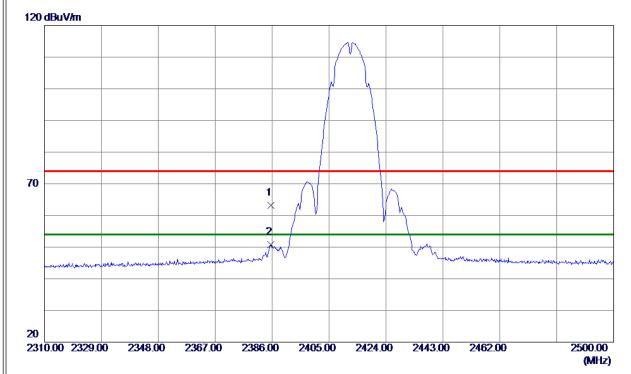
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



For Ant. 2

Test Mode: TX B Mode 2412 MHz

Vertical



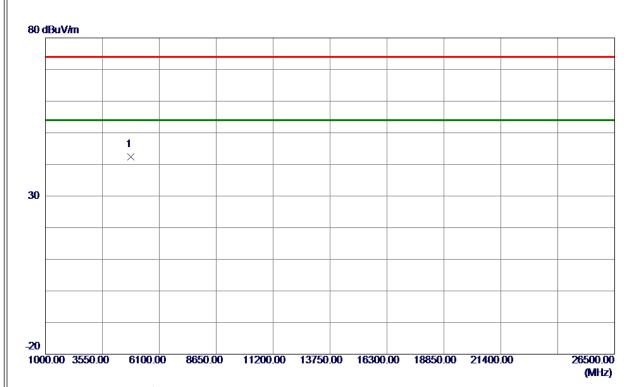
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2385.6200 | 29.90 | 33. 34 | 63. 24 | 74.00 | -10.76 | Peak | |
| 2 * | 2385. 6200 | 17. 37 | 33. 34 | 50.71 | 54.00 | -3. 29 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.





Vertical



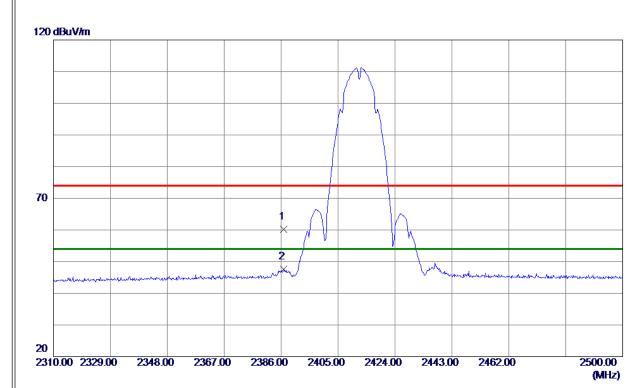
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4824, 0950 | 50. 59 | -8, 22 | 42. 37 | 74. 00 | -31.63 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2412 MHz

Horizontal



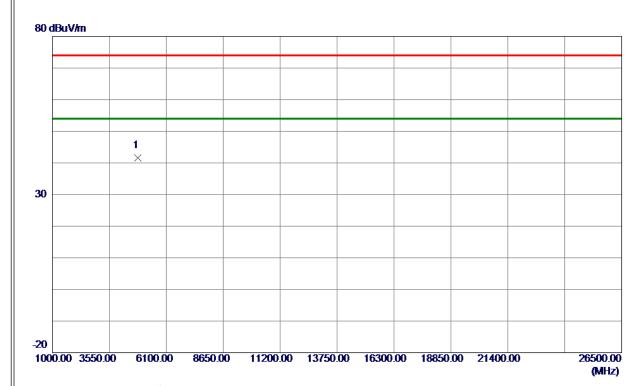
| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|--------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2386.7600 | 26. 89 | 33. 35 | 60. 24 | 74.00 | -13.76 | Peak | |
| 2 * | 2386. 7600 | 14. 22 | 33. 35 | 47.57 | 54.00 | -6. 43 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
 (2) Margin Level = Measurement Value Limit Value.



Test Mode: TX B Mode 2412 MHz

Horizontal

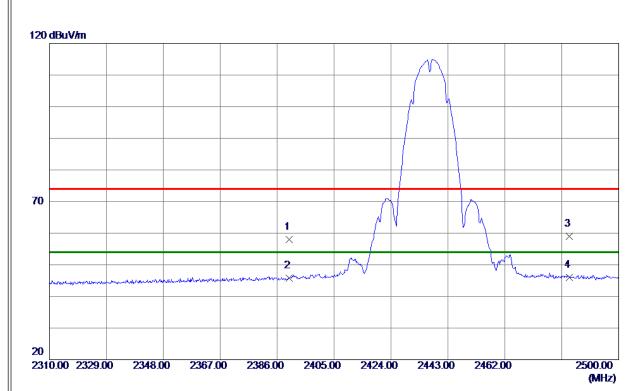


| No. | Freq. | Keading Level | Correct Factor | Measure ment | Limit | Margin | | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|--|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment | |
| 1 * | 4824, 2599 | 49. 91 | -8, 22 | 41.69 | 74.00 | -32, 31 | Peak | | |

- (1) Measurement Value = Reading Level + Correct Factor.(2) Margin Level = Measurement Value Limit Value.



Vertical

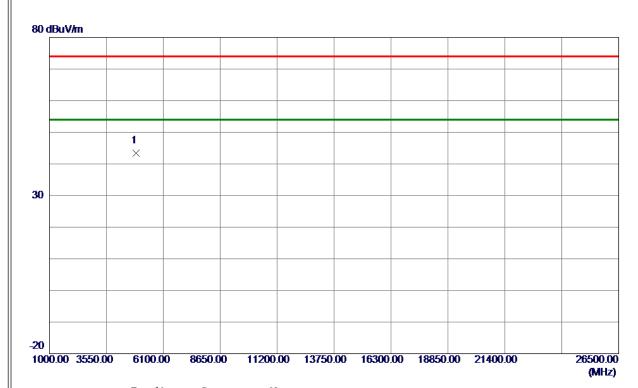


| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|----------------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 | 2390.0000 | 24.66 | 33. 36 | 58. 0 2 | 74.00 | -15. 98 | Peak | |
| 2 | 2390.0000 | 12. 50 | 33. 36 | 45.86 | 54.00 | -8. 14 | AVG | |
| 3 | 2483. 5000 | 25. 15 | 33. 76 | 58. 91 | 74.00 | −15. 09 | Peak | |
| 4 * | 2483. 5000 | 12. 26 | 33. 76 | 46.02 | 54.00 | -7. 98 | AVG | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.



Vertical



| No. | Freq. | Reading Level | Correct Factor | Measure ment | Limit | Margin | | |
|-----|------------|------------------|-------------------|-----------------|--------|---------|----------|---------|
| | MHz | dBuV/m | dB | dBuV/m | dBuV/m | dB | Detector | Comment |
| 1 * | 4873. 9550 | 51.40 | -8. 07 | 43. 33 | 74.00 | -30. 67 | Peak | |

- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value Limit Value.