FCC Radio Test Report

FCC ID: KA2COVRX1860A1

This report concerns: Original Grant

Project No.	:	2011H026
Equipment	:	1) AX1800 Dual-Band Mesh Wi-Fi 6 Router 2) AX1800 Dual-Band Whole Home Mesh Wi-Fi 6 System
Brand Name	:	D-Link
Test Model	:	COVR-X1860
Series Model	:	COVR-X1862, COVR-X1863, COVR-X1864
Applicant	:	D-Link Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California United State 92708
Manufacturer	:	D-Link Corporation
Address	:	17595 Mt. Herrmann, Fountain Valley, California United State 92708
Date of Receipt	:	Nov. 12, 2020
Date of Test	:	Nov. 12, 2020 ~ Jan. 03, 2021
Issued Date	:	Jan. 07, 2021
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG20201109112 for conducted, DG202011192 for radiated.
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.

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Approved by : Ethan Ma

Certificate #5123.02

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Declaration

BTL represents to the client that testing is done in accordance with standard procedures as applicable and that test instruments used has been calibrated with standards traceable to international standard(s) and/or national standard(s).

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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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.

Table of Contents Page

Table of Contents Page

Table of Contents **Page**

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Jan. 06, 2021
R01	Modified the comments of TCB.	Jan. 07, 2021

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.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

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)
DG-C02	CISPR	150kHz ~ 30MHz	2.68

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	-	3.02
		30MHz ~ 200MHz	V	4.26
		30MHz ~ 200MHz	H	3.38
		200MHz ~ 1,000MHz	V	3.98
		200MHz ~ 1,000MHz	H	3.94
		1GHz ~ 6GHz	-	3.96
		6GHz ~ 18GHz	-	5.24
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	±3.8 %
Maximum Output Power	±0.95 dB
Conducted Spurious Emission	±2.71 dB
Power Spectral Density	±0.86 dB
Temperature	±0.08 °C
Humidity	±1.5%

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	25°C	53%	AC 120V/60Hz	Hand Huang
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-30 MHz to 1GHz	26°C	52%	AC 120V/60Hz	Kwok Guo
Radiated Emissions-Above 1000 MHz	26°C	52%	AC 120V/60Hz	Kwok Guo
Bandwidth	25°C	52%	DC 12V	Hayden Chen
Maximum Output Power	25°C	52%	DC 12V	Hand Huang
Conducted Spurious Emissions	25°C	52%	DC 12V	Hayden Chen
Power Spectral Density	25°C	52%	DC 12V	Hayden Chen

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	1) AX1800 Dual-Band Mesh Wi-Fi 6 Router 2) AX1800 Dual-Band Whole Home Mesh Wi-Fi 6 System
Brand Name	D-Link
Test Model	COVR-X1860
Series Model	COVR-X1862, COVR-X1863, COVR-X1864
Model Difference(s)	All versions of the Models are electrically equal except for model name and number of packages. COVR-X1860: Single Pack COVR-X1862: Double Pack COVR-X1863: Three Pack COVR-X1864: Four Pack
Power Source	DC voltage supplied from AC adapter. 1# Manufacturer / Model: MNC / MAUS-1201001202 2# Manufacturer / Model: Gongjin / S12A12-120A100-CJ
Power Rating	1# I/P: 100-240V~ 50/60Hz 0.35A O/P: 12V⎓ 1.0A 2# I/P: 100-240V~ 50/60Hz 0.5A max O/P: 12V⎓ 1A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA
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 802.11ax: up to 573.6 Mbps
Maximum Output Power _Non Beamforming	IEEE 802.11b: 23.06 dBm (0.2023 W) IEEE 802.11g: 21.91 dBm (0.1552 W) IEEE 802.11n(HT20): 24.64 dBm (0.2911 W) IEEE 802.11n(HT40): 21.83 dBm (0.1524 W) IEEE 802.11ax(HE20): 24.47 dBm (0.2799 W) IEEE 802.11ax(HE40): 21.46 dBm (0.1400 W)
Maximum Output Power _Beamforming	IEEE 802.11n(HT20): 24.33 dBm (0.2710 W) IEEE 802.11n(HT40): 21.68 dBm (0.1472 W) IEEE 802.11ax(HE20): 24.22 dBm (0.2642 W) IEEE 802.11ax(HE40): 21.26 dBm (0.1337 W)

Note:

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

2. Channel List:

CH01 - CH11 for IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20), IEEE 802.11ax(HE20) CH03 - CH09 for IEEE 802.11n(HT40), IEEE 802.11ax(HE40)							
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	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. RU Configuration:

IEEE 802.11ax(HE20)	Resource Unit	242 Tone(20M)
	Specific Resource Unit	61
IEEE 802.11ax(HE40)	Resource Unit	484 Tone(40M)
	Specific Resource Unit	65

Remark: IEEE 802.11ax mode only supports the highest tone, so the highest tone was evaluated and measured inside report.

4. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	RFlink	RF11C00405A	Internal	N/A	2
2	RFlink	RF11C00406A	Internal	N/A	2

Note:

1) This EUT supports MIMO 2X2, any transmit signals are correlated with each other, so Directional gain=G_{ANT}+10log(N)dBi, that is Directional gain=2+10log(2)dBi=5.01.
2) Beamforming Gain: 3 dB. So Directional gain=3+2=5.
3) The antenna gain is provided by the manufacturer.

5. Table for Antenna Configuration:

For Non Beamforming:

Operating Mode / TX Mode	1TX	2TX
IEEE 802.11b	V (Ant. 1)	-
IEEE 802.11g	V (Ant. 1)	-
IEEE 802.11n(HT20)	-	V (Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	-	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	-	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	-	V (Ant. 1 + Ant. 2)

For Beamforming:

Operating Mode / TX Mode	2TX
IEEE 802.11n(HT20)	V (Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)	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 AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09
Mode 7	TX N-20 MHz Mode Channel 06

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 N-20 MHz Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX N-20 MHz Mode Channel 06

Radiated emissions test- Above 1GHz_Non Beamforming	
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 AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

Maximum Output Power_Non Beamforming	
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 AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

Maximum Output Power_Beamforming	
Final Test Mode	Description
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 AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

Other Conducted test_Non Beamforming	
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 AX-20 MHz Mode Channel 01/06/11
Mode 6	TX AX-40 MHz Mode Channel 03/06/09

NOTE:
(1) The measurements are performed at the high, middle, low available channels.
(2) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
(3) For radiated emission below 1 GHz test, the IEEE 802.11n20 Channel 06 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.
(5) For radiated spurious emissions below 1 GHz test, all adapters had been pre-tested and in this report only recorded the worst case.
(6) The measurements for Output Power were tested, the Non Beamforming and Beamforming are recorded in the report. The worst case was Non Beamforming and only worst case were documented for other test items.

2.3 PARAMETERS OF TEST SOFTWARE

Non Beamforming

Test Software	QATool		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	19	19	19
IEEE 802.11g	18	20	18
IEEE 802.11n(HT20)	17	20	17
IEEE 802.11ax(HE20)	17	20	17.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	15	18	16
IEEE 802.11ax(HE40)	16.5	17	16.5

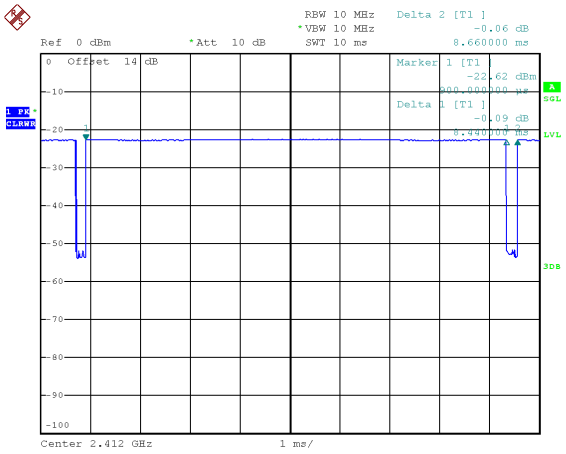
Beamforming

Test Software	QATool		
Frequency (MHz)	2412	2437	2462
IEEE 802.11n(HT20)	16.5	19.5	16.5
IEEE 802.11ax(HE20)	16.5	19.5	17
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	14.5	17.5	15.5
IEEE 802.11ax(HE40)	16	16.5	16

2.4 DUTY CYCLE

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

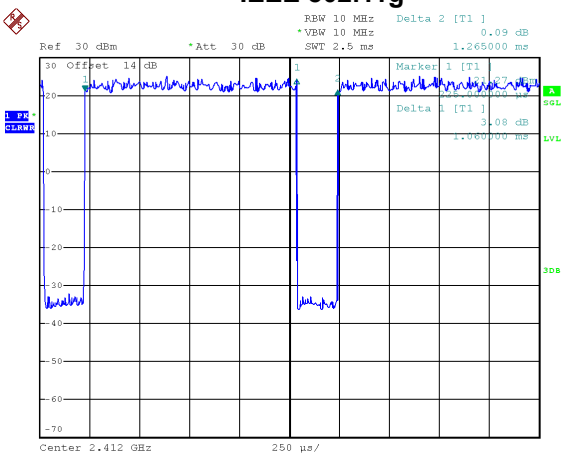
IEEE 802.11b



Date: 3.JAN.2021 21:34:03

Duty cycle = 0.844 ms / 0.866 ms = 97.46%
Duty Factor = 10 log(1/Duty cycle) = 0.11

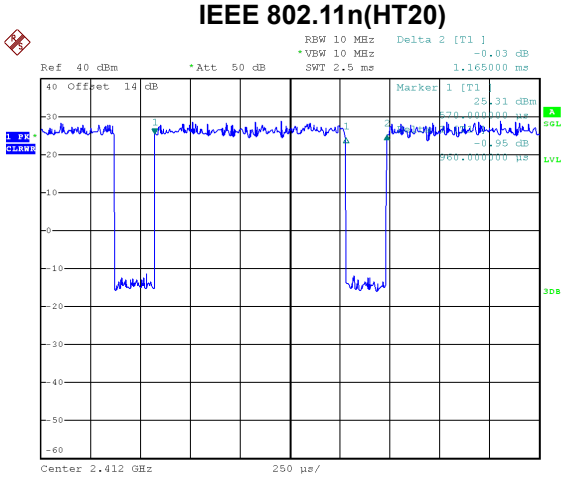
IEEE 802.11g



Date: 3.JAN.2021 21:44:53

Duty cycle = 1.060 ms / 1.265 ms = 83.79%
Duty Factor = 10 log(1/Duty cycle) = 0.77

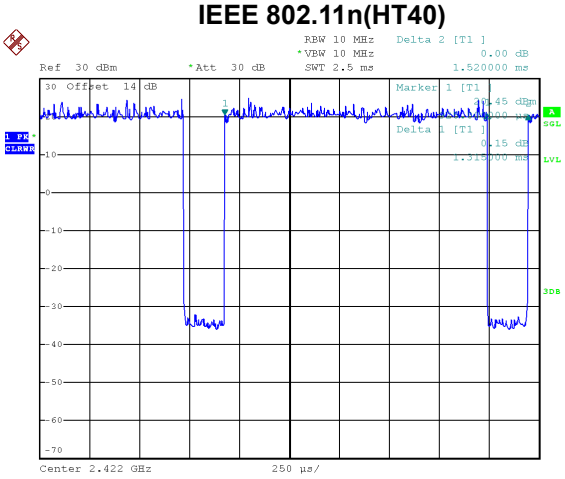
IEEE 802.11n(HT20)



Date: 3.JAN.2021 21:53:35

Duty cycle = 0.960 ms / 1.165 ms = 82.40%
Duty Factor = 10 log(1/Duty cycle) = 0.84

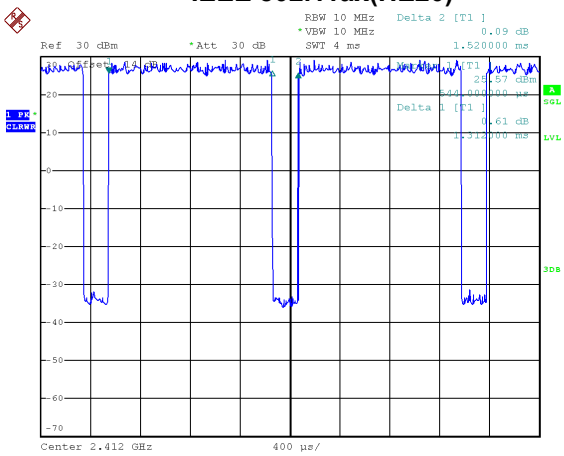
IEEE 802.11n(HT40)



Date: 3.JAN.2021 21:46:31

Duty cycle = 1.315 ms / 1.520 ms = 86.51%
Duty Factor = 10 log(1/Duty cycle) = 0.63

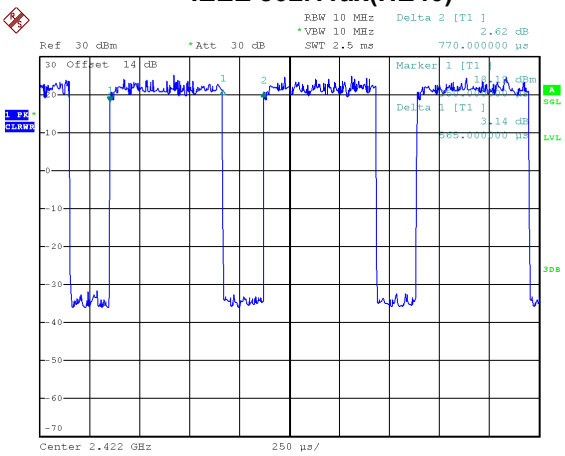
IEEE 802.11ax(HE20)



Date: 3.JAN.2021 21:46:39

Duty cycle = 1.312 ms / 1.520 ms = 86.32%
Duty Factor = 10 log(1/Duty cycle) = 0.64

IEEE 802.11ax(HE40)



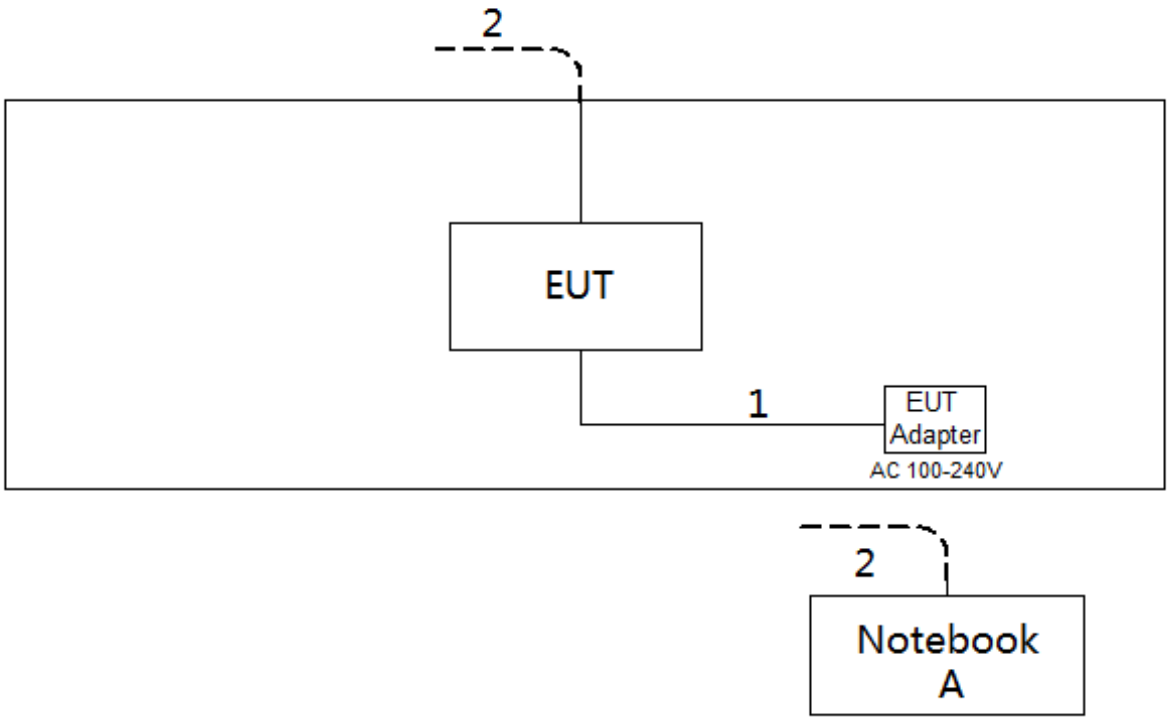
Date: 3.JAN.2021 21:48:38

Duty cycle = 0.565 ms / 0.770 ms = 73.38%
Duty Factor = 10 log(1/Duty cycle) = 1.34

NOTE:
For IEEE 802.11b, IEEE 802.11g, IEEE 802.11n(HT20) and IEEE 802.11ax(HE20):
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 802.11ax(HE40):
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.
A	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

Frequency of Emission (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	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

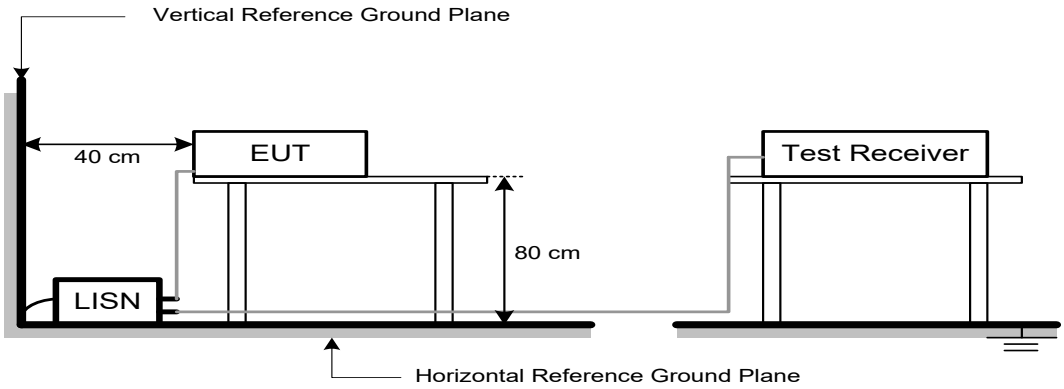
3.2 TEST PROCEDURE

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	(dBuV/m at 3 m)	
	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 (Emission in restricted band)	1 MHz / 3 MHz for Peak, 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

4.2 TEST PROCEDURE

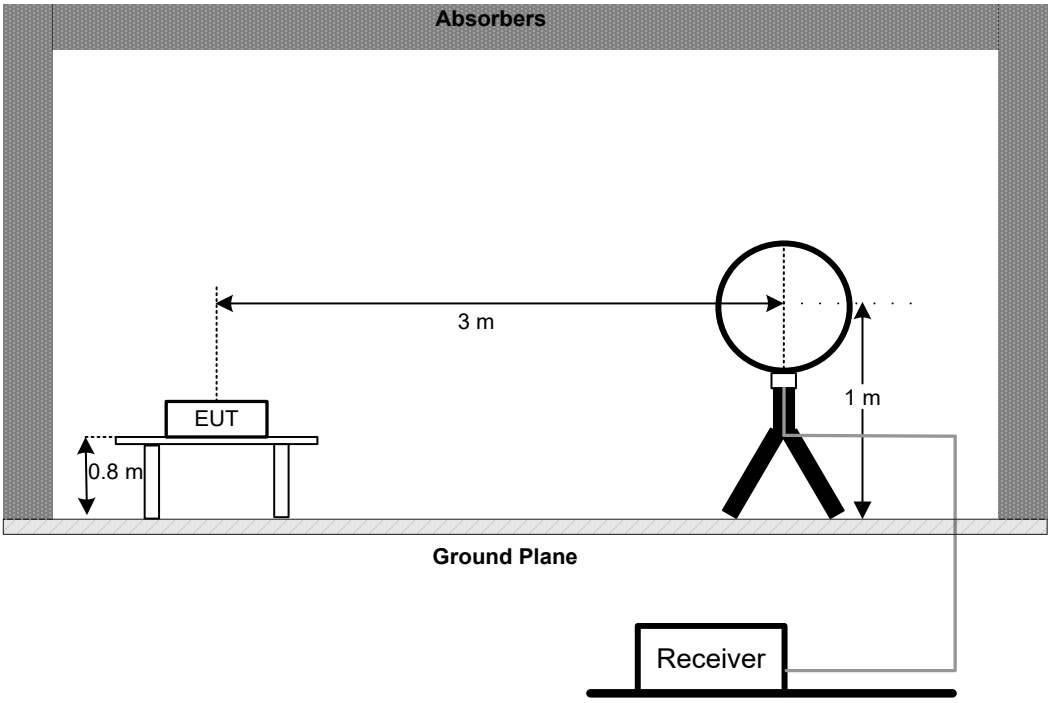
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance 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

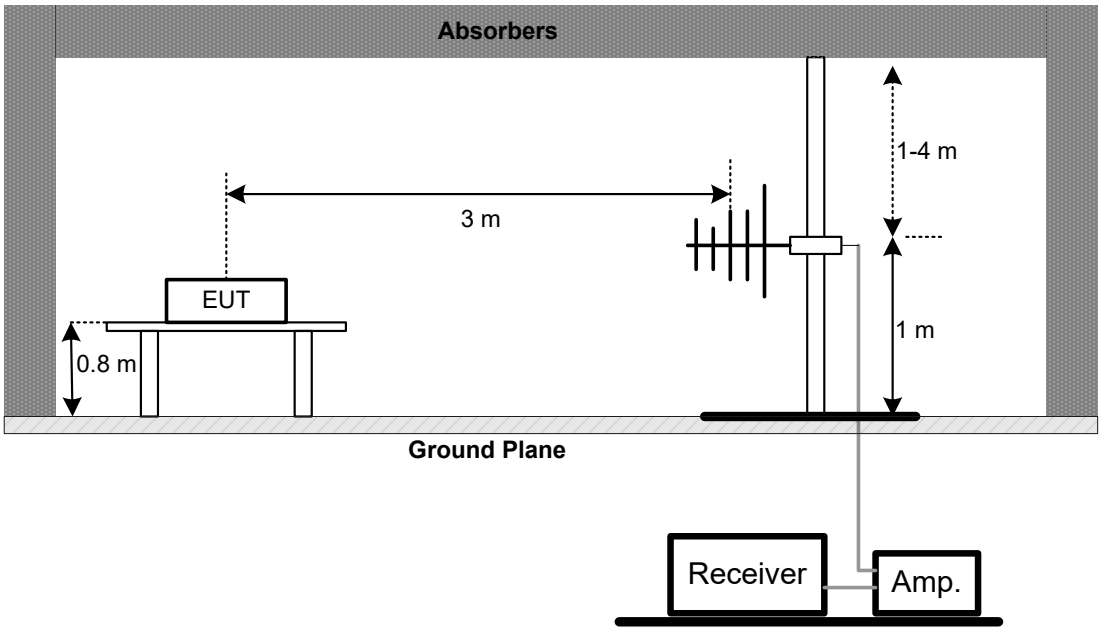
No deviation

4.4 TEST SETUP

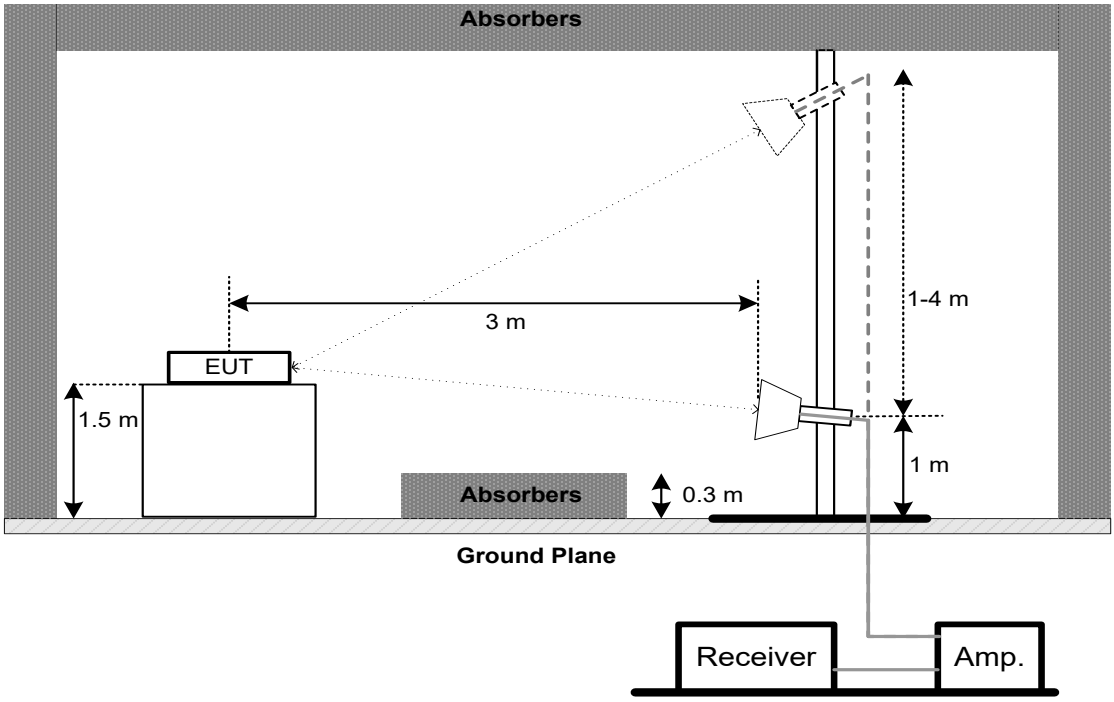
9 kHz-30 MHz



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/N20/AX20 Mode: RBW= 300 KHz, VBW=1 MHz, Sweep time = 2.5 ms.
For 99% Emission Bandwidth N40/AX40 Mode: RBW= 1 MHz, VBW=3 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

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 11.9.2.3.1 of ANSI C63.10-2013.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP

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.

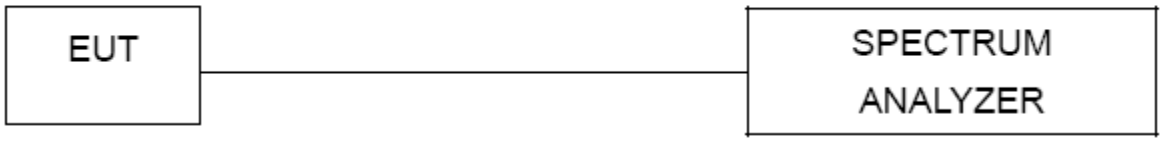
7.2 TEST PROCEDURE

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



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)

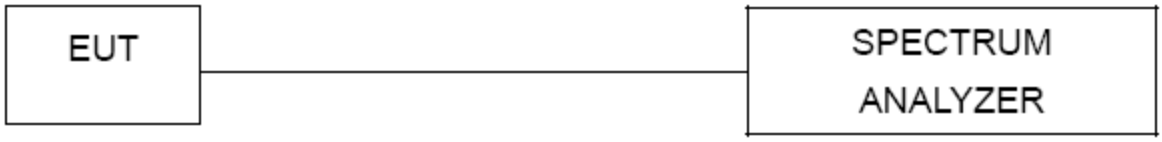
8.2 TEST PROCEDURE

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



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	EMI Test Receiver	R&S	ESCI	100382	Feb. 28, 2021
2	LISN	EMCO	3816/2	52765	Mar. 01, 2021
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 28, 2021
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 01, 2021
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 10, 2021
7	643 Shield Room	ETS	6*4*3m	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	EM	EM-6876-1	230	Apr. 16, 2021
2	Cable	N/A	RG 213/U	N/A	May 29, 2021
3	EMI Test Receiver	R&S	ESCI	100895	Feb. 28, 2021
4	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
5	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Antenna	Schwarzbeck	VULB9160	9160-3232	Mar. 09, 2021
2*	Amplifier	HP	8447D	2944A09673	Aug. 11, 2021
3	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
4	Cable	emci	LMR-400(30MHz-1 GHz)(8m+5m)	N/A	May 22, 2021
5	Controller	CT	SC100	N/A	N/A
6	Controller	MF	MF-7802	MF780208416	N/A
7	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
8	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Radiated Emissions - Above 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Double Ridged Guide Antenna	ETS	3115	75789	May 12, 2021
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	9170319	Jul. 07, 2021
3	Amplifier	Agilent	8449B	3008A02333	Mar. 01, 2021
4	Microwave Preamplifier With Adaptor	EMC INSTRUMENT	EMC2654045	980039 & HA01	Mar. 07, 2021
5	Receiver	Agilent	N9038A	MY52130039	Jul. 25, 2021
6	Controller	CT	SC100	N/A	N/A
7	Controller	MF	MF-7802	MF780208416	N/A
8	Cable	N/A	EMC104-SM-SM-6 000	N/A	May 09, 2021
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Filter	STI	STI15-9912	N/A	Jul. 25, 2021
11	966 Chambe Room	RM	9*6*6m	N/A	Jul. 25, 2021

Bandwidth & Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 25, 2021
2	RF Cable	Tongkaichuan	N/A	N/A	N/A
3	DC Block	Mini	N/A	N/A	N/A
4	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 11, 2021

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 07, 2021
2	Wideband power sensor	Keysight	N1923A	MY58310004	Jul. 25, 2021
3	Attenuator	WOKEN	6SM3502	VAS1214NL	Feb. 11, 2021
4	RF Cable	Tongkaichuan	N/A	N/A	N/A

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

“*” calibration period of equipment list is three year.

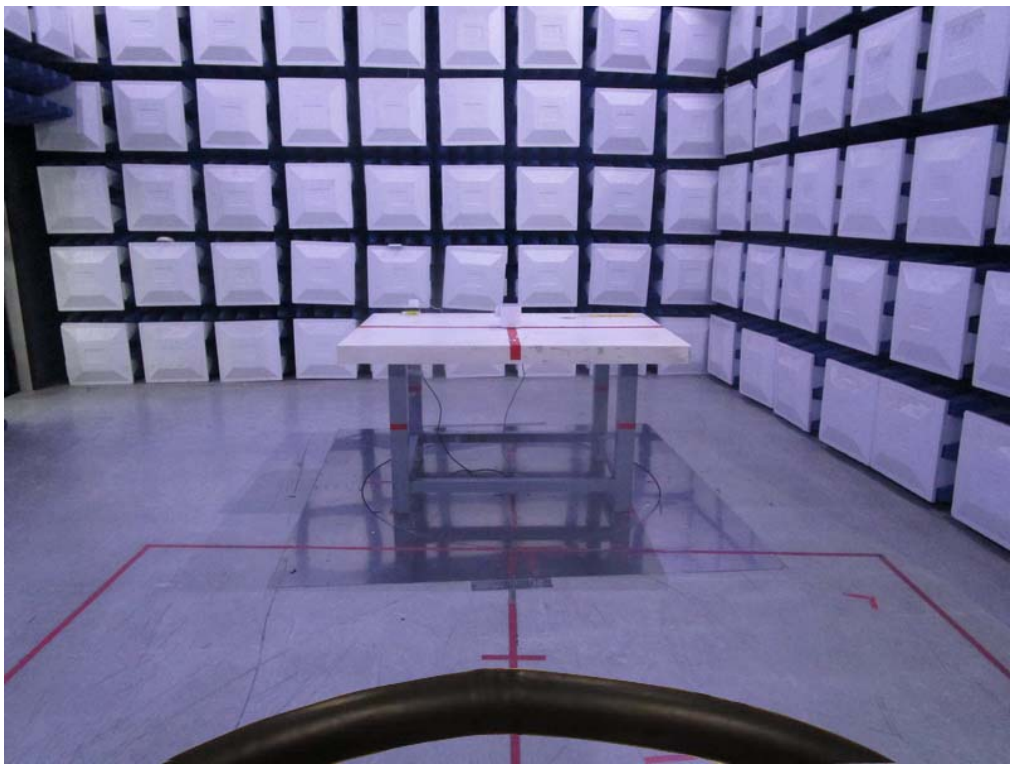
Except * item, all calibration period of equipment list is one year.

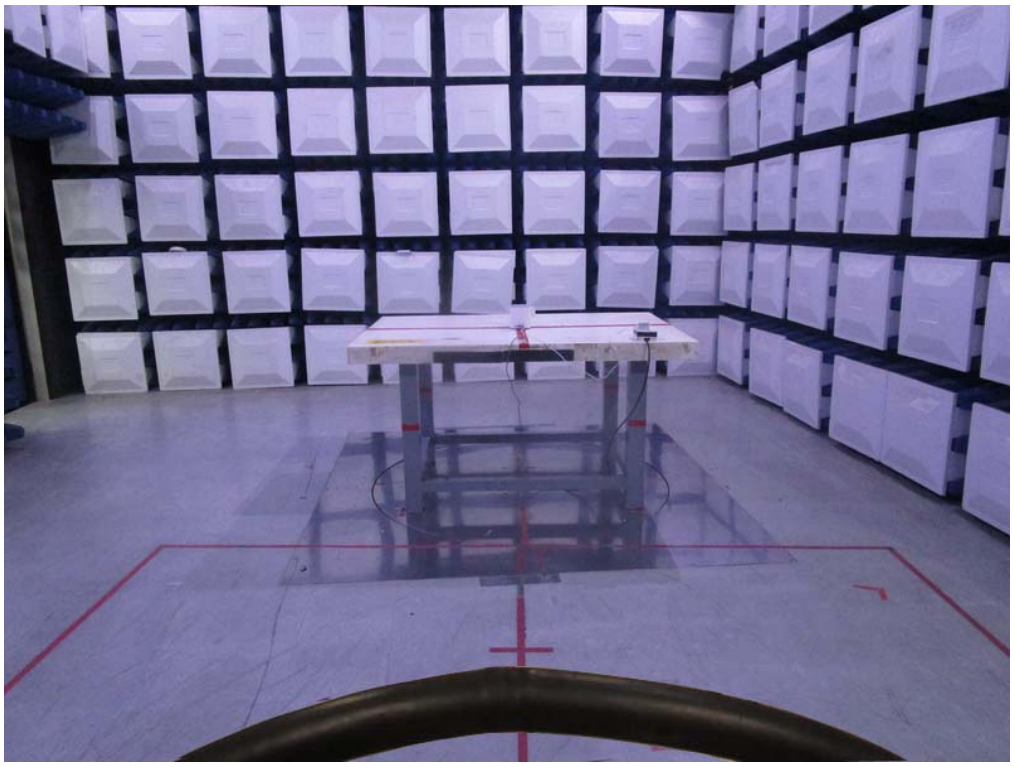
10. EUT TEST PHOTO

AC Power Line Conducted Emissions Test Photos

Radiated Emissions Test Photos

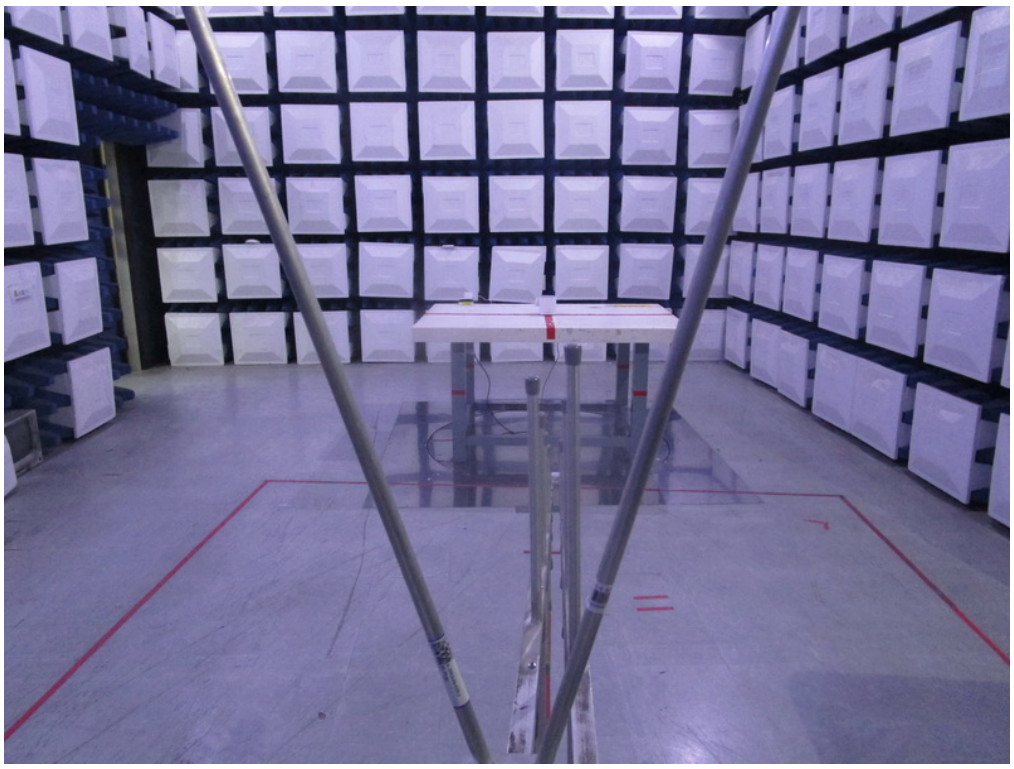
9 kHz to 30 MHz

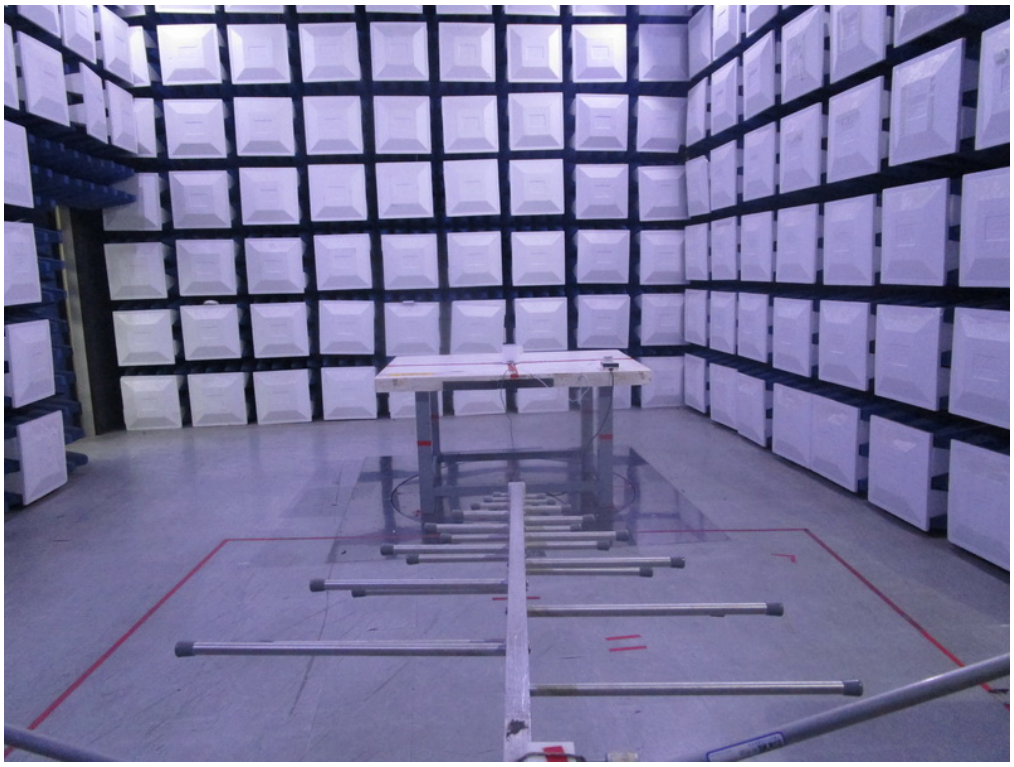




Radiated Emissions Test Photos

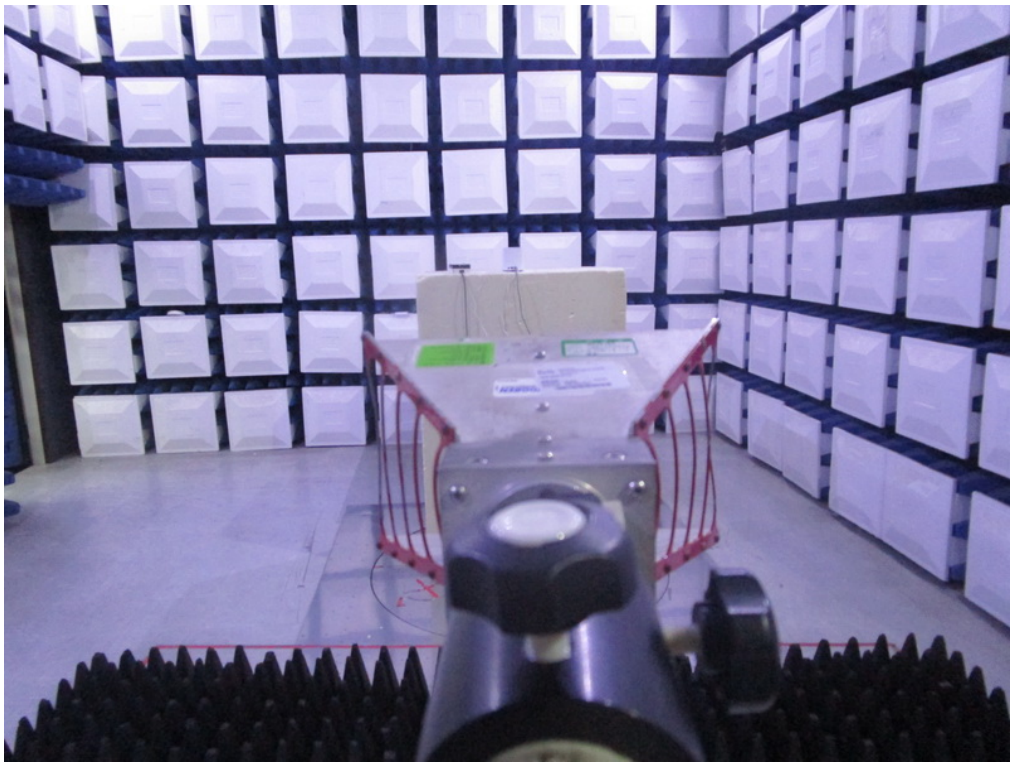
30 MHz to 1 GHz





Radiated Emissions Test Photos

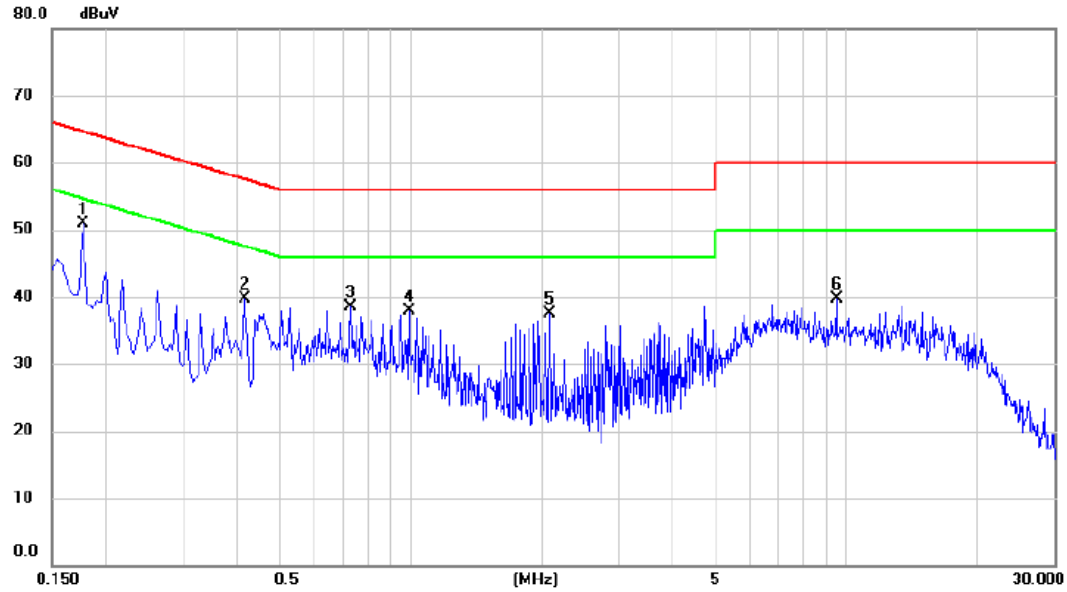
Above 1 GHz



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode:	TX N-20 MHz Mode Channel 06

Line

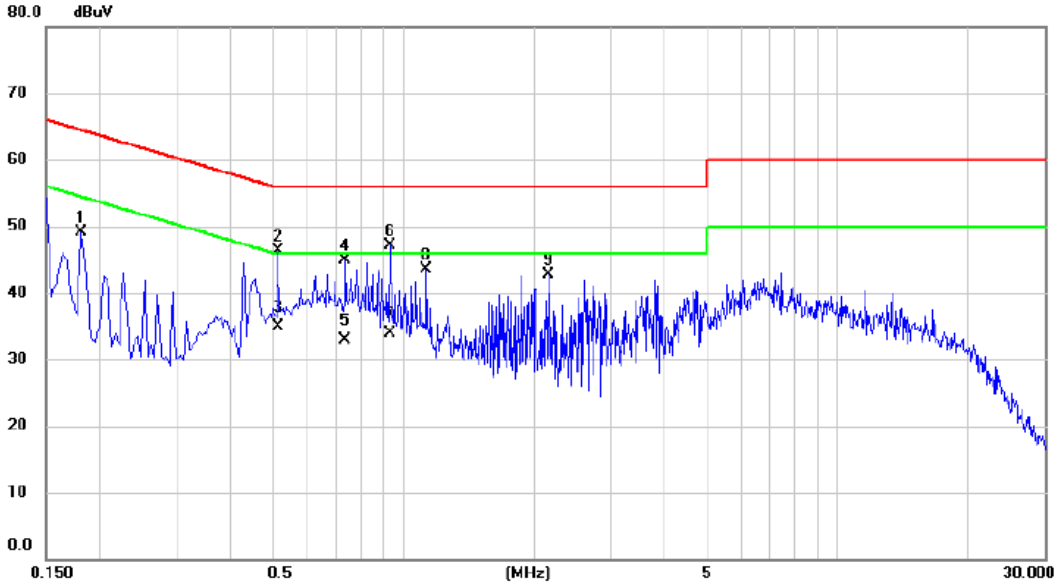


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.1770	41.01	9.84	50.85	64.63	-13.78	peak	
2		0.4155	29.72	9.92	39.64	57.54	-17.90	peak	
3		0.7260	28.59	9.90	38.49	56.00	-17.51	peak	
4		0.9915	27.95	10.01	37.96	56.00	-18.04	peak	
5		2.0805	27.43	10.10	37.53	56.00	-18.47	peak	
6		9.5010	28.98	10.67	39.65	60.00	-20.35	peak	

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

Test Mode:	TX N-20 MHz Mode Channel 06

Neutral



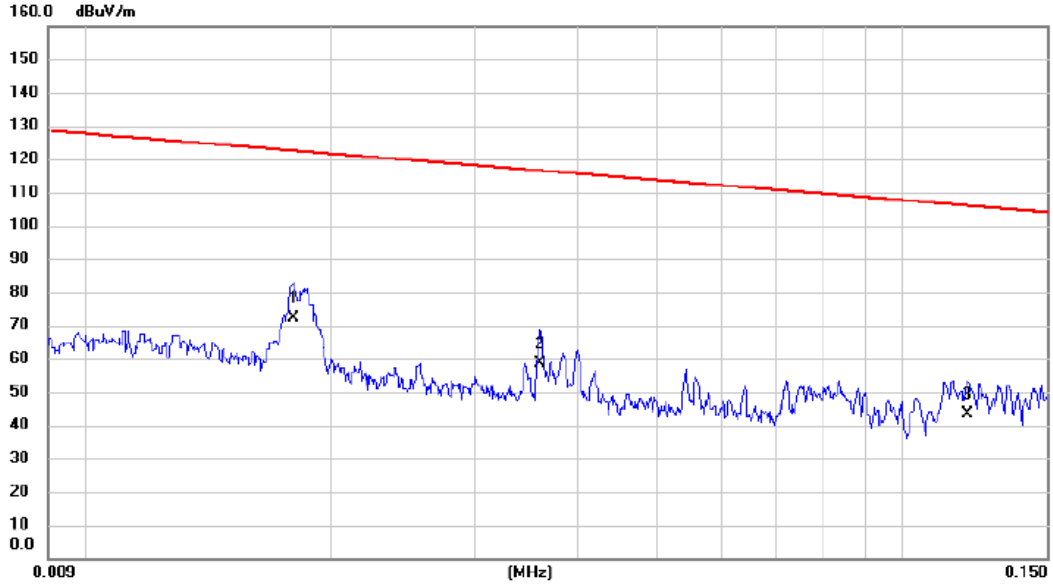
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1815	39.13	9.94	49.07	64.42	-15.35	peak	
2		0.5144	36.22	10.15	46.37	56.00	-9.63	peak	
3		0.5144	24.70	10.15	34.85	46.00	-11.15	AVG	
4		0.7350	34.66	10.15	44.81	56.00	-11.19	peak	
5		0.7350	22.80	10.15	32.95	46.00	-13.05	AVG	
6	*	0.9330	36.87	10.28	47.15	56.00	-8.85	peak	
7		0.9330	23.70	10.28	33.98	46.00	-12.02	AVG	
8		1.1310	33.22	10.32	43.54	56.00	-12.46	peak	
9		2.1525	32.30	10.43	42.73	56.00	-13.27	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

Test Mode:	TX N-20 MHz Mode Channel 06

Ant 0°

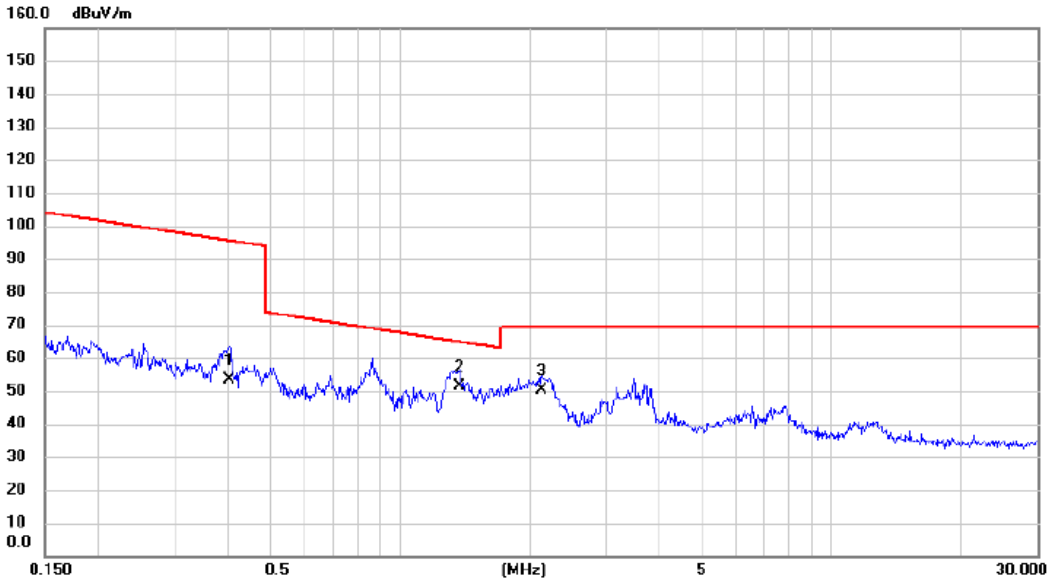


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0180	58.33	13.84	72.17	122.50	-50.33	AVG	
2		0.0360	45.74	12.79	58.53	116.48	-57.95	AVG	
3		0.1201	30.81	12.73	43.54	106.02	-62.48	AVG	

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

Test Mode:	TX N-20 MHz Mode Channel 06

Ant 0°

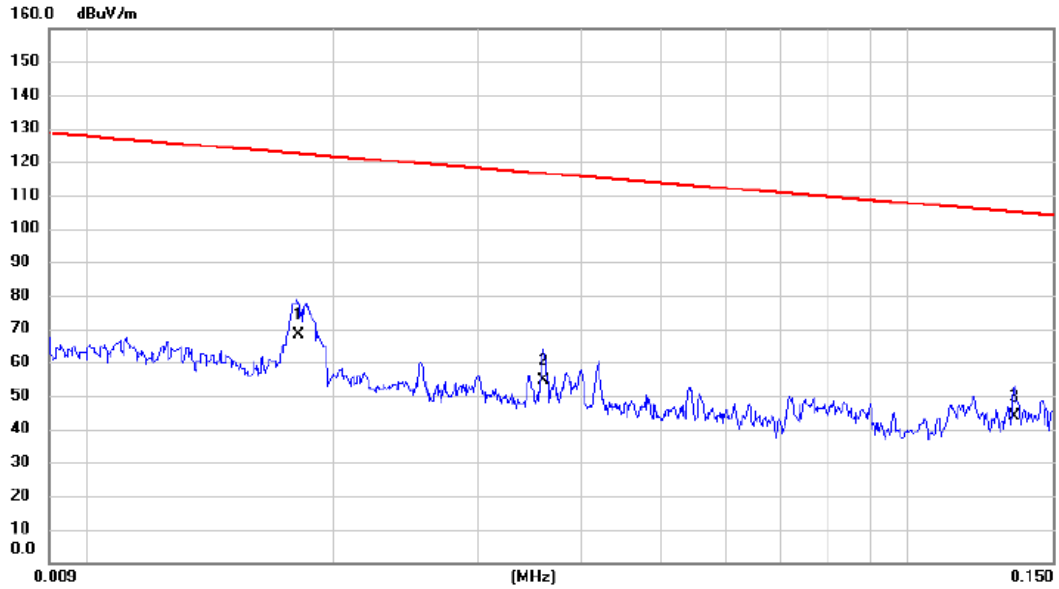


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4020	41.22	12.25	53.47	95.52	-42.05	AVG	
2	*	1.3738	39.81	11.62	51.43	64.85	-13.42	QP	
3		2.1326	38.77	11.24	50.01	69.54	-19.53	QP	

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

Test Mode:	TX N-20 MHz Mode Channel 06

Ant 90°

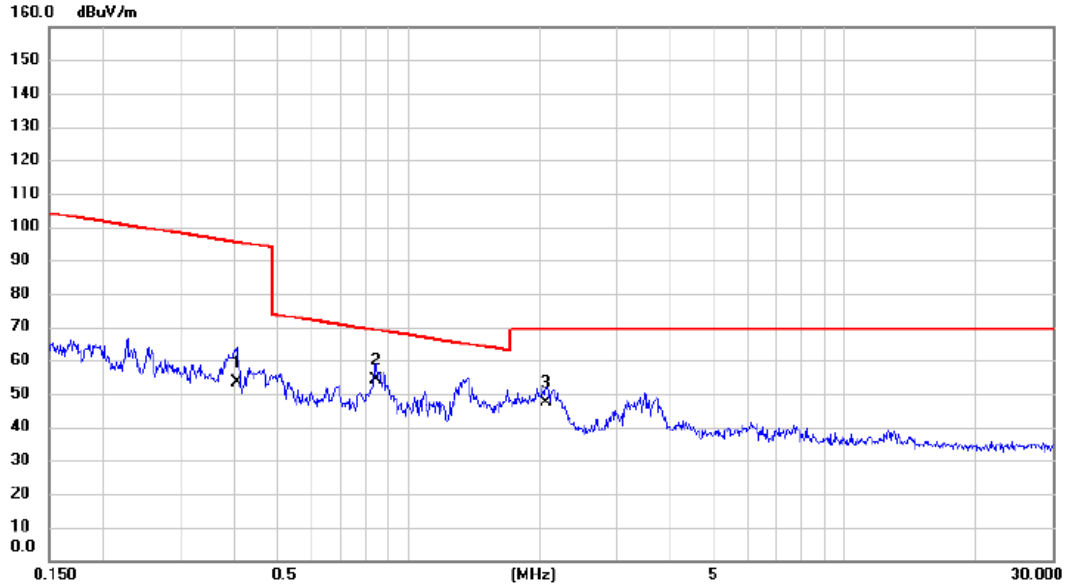


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0181	54.36	13.81	68.17	122.45	-54.28	AVG	
2		0.0360	41.71	12.79	54.50	116.48	-61.98	AVG	
3		0.1348	30.94	12.73	43.67	105.01	-61.34	AVG	

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

Test Mode:	TX N-20 MHz Mode Channel 06

Ant 90°



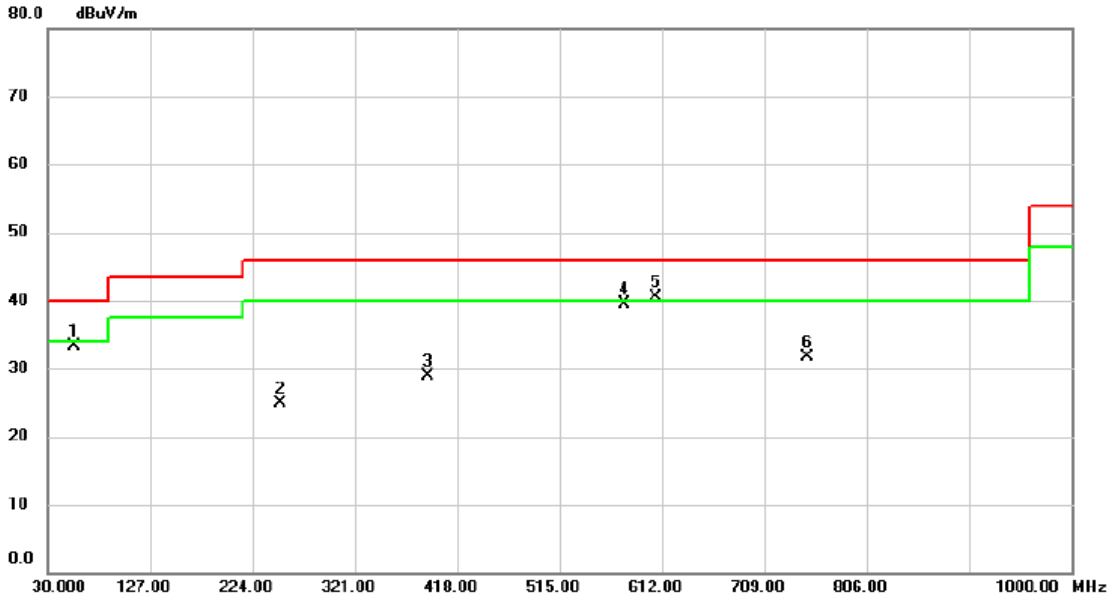
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4040	41.20	12.25	53.45	95.48	-42.03	AVG	
2	*	0.8438	42.29	11.86	54.15	69.08	-14.93	QP	
3		2.0660	36.00	11.27	47.27	69.54	-22.27	QP	

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode:	TX N-20 MHz Mode Channel 06

Vertical

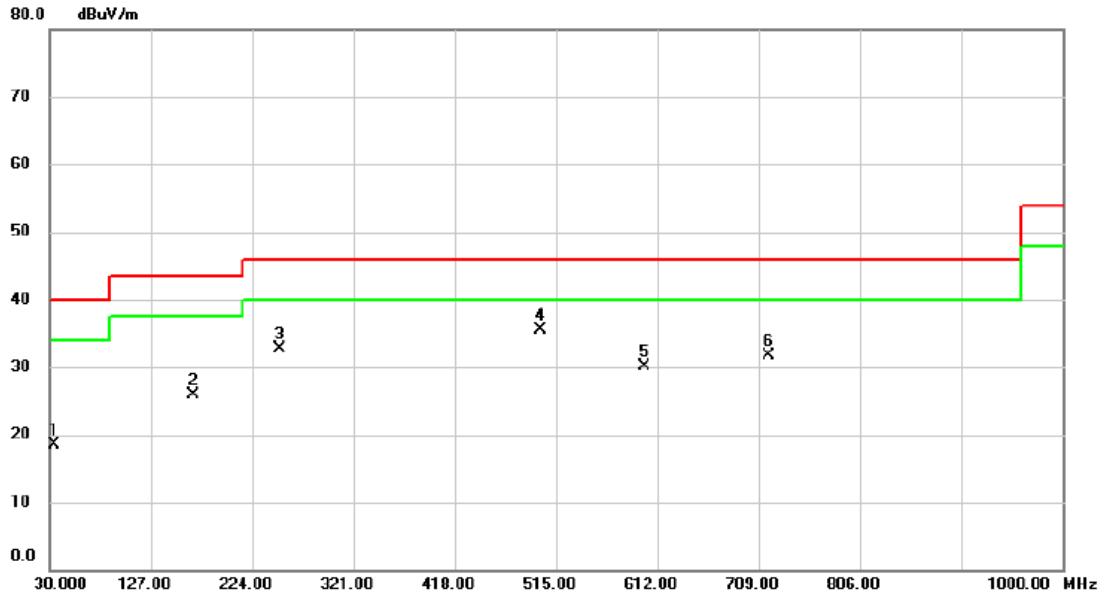


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		55.705	47.10	-13.73	33.37	40.00	-6.63	peak	
2		250.190	38.28	-13.28	25.00	46.00	-21.00	peak	
3		390.355	38.06	-9.23	28.83	46.00	-17.17	peak	
4		576.110	45.46	-6.05	39.41	46.00	-6.59	peak	
5	*	606.180	45.72	-5.22	40.50	46.00	-5.50	peak	
6		750.225	34.97	-3.20	31.77	46.00	-14.23	peak	

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

Test Mode:	TX N-20 MHz Mode Channel 06

Horizontal



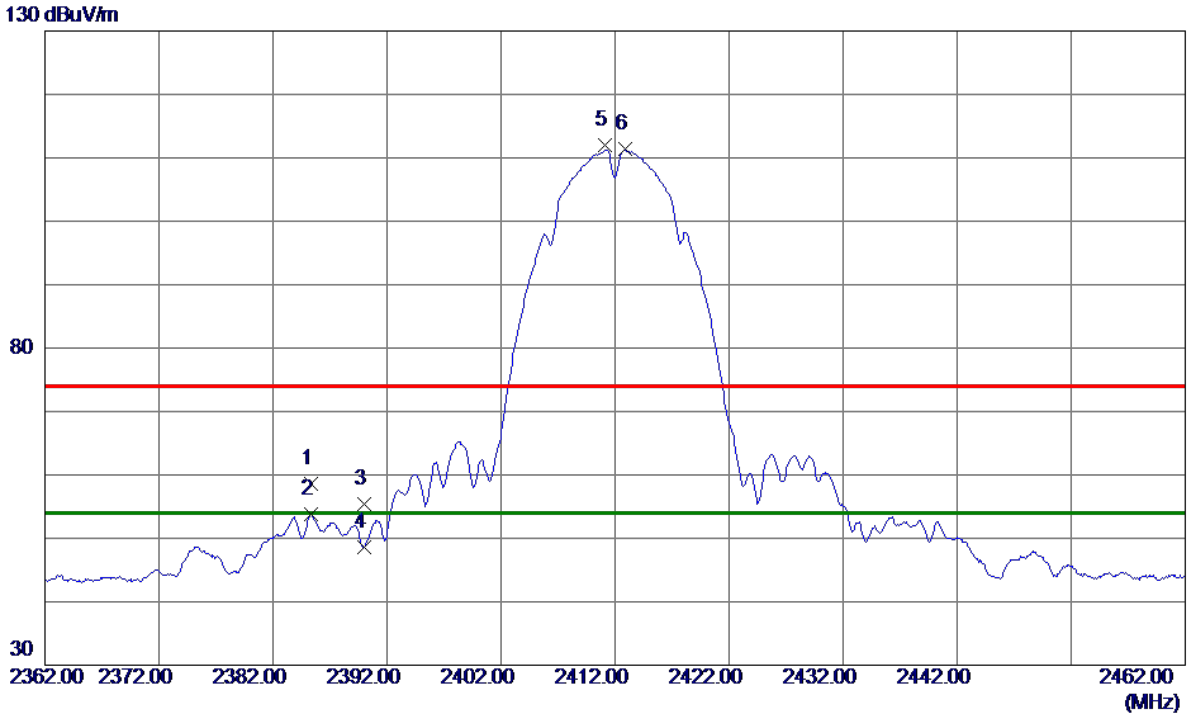
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		33.880	33.34	-14.80	18.54	40.00	-21.46	peak	
2		167.255	37.60	-11.69	25.91	43.50	-17.59	peak	
3		250.190	45.95	-13.28	32.67	46.00	-13.33	peak	
4	*	499.965	42.84	-7.26	35.58	46.00	-10.42	peak	
5		599.875	35.41	-5.35	30.06	46.00	-15.94	peak	
6		719.185	35.18	-3.43	31.75	46.00	-14.25	peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

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	2385.3500	51.27	7.26	58.53	74.00	-15.47	Peak	
2	2385.3500	46.48	7.26	53.74	54.00	-0.26	AVG	
3	2390.0000	48.19	7.26	55.45	74.00	-18.55	Peak	
4	2390.0000	41.28	7.26	48.54	54.00	-5.46	AVG	
5	2411.1500	104.81	7.26	112.07	74.00	38.07	Peak	No Limit
6 *	2412.8500	104.14	7.26	111.40	54.00	57.40	AVG	No Limit

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

Test Mode:	TX B Mode 2412 MHz

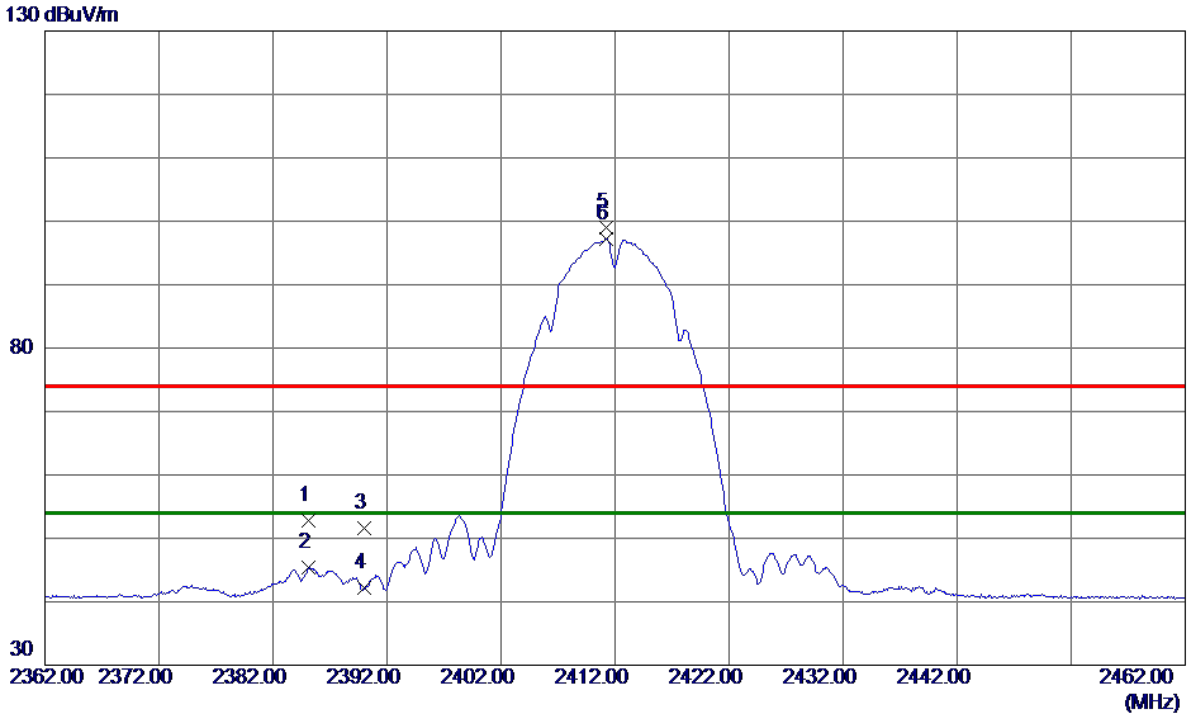
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.8990	48.33	4.45	52.78	74.00	-21.22	Peak	
2 *	4823.9570	45.75	4.45	50.20	54.00	-3.80	AVG	

REMARKS:
(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	2385.1500	45.54	7.26	52.80	74.00	-21.20	Peak	
2	2385.1500	38.14	7.26	45.40	54.00	-8.60	AVG	
3	2390.0000	44.28	7.26	51.54	74.00	-22.46	Peak	
4	2390.0000	34.89	7.26	42.15	54.00	-11.85	AVG	
5	2411.2000	91.81	7.26	99.07	74.00	25.07	Peak	No Limit
6 *	2411.2500	89.96	7.26	97.22	54.00	43.22	AVG	No Limit

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

Test Mode:	TX B Mode 2412 MHz

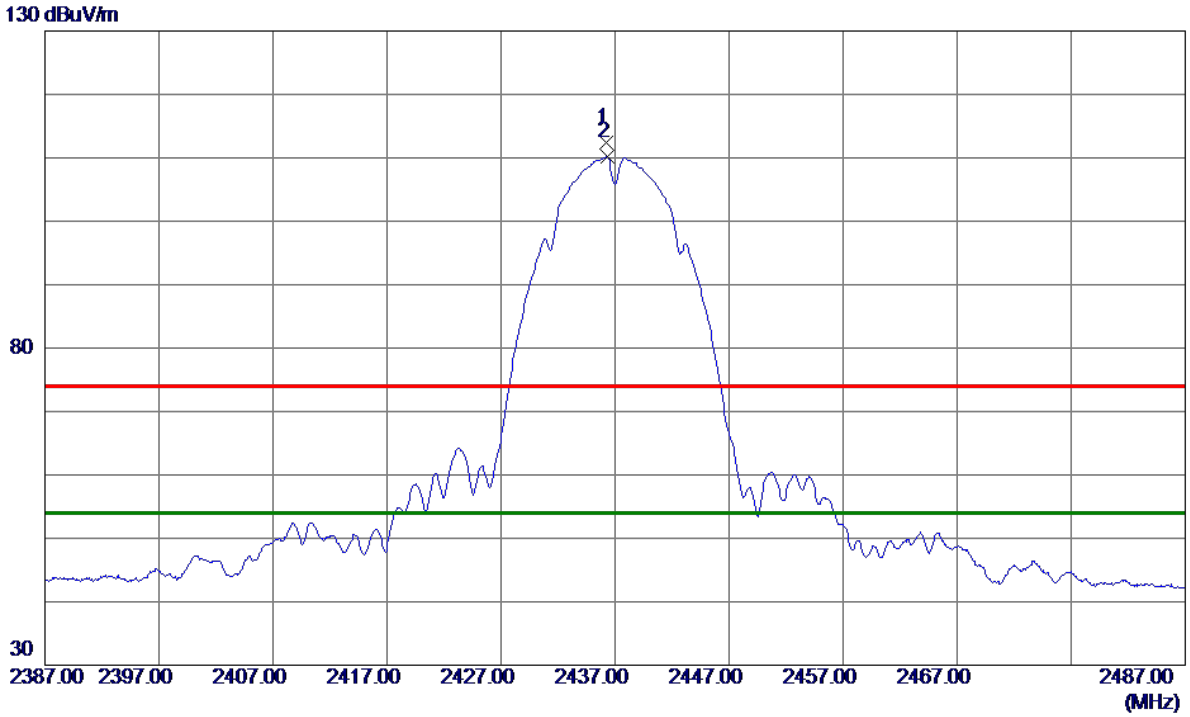
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9750	44.45	4.45	48.90	74.00	-25.10	Peak	
2 *	4824.0150	38.44	4.45	42.89	54.00	-11.11	AVG	

REMARKS:
(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	2436.2000	105.16	7.25	112.41	74.00	38.41	Peak	No Limit
2 *	2436.3000	102.92	7.25	110.17	54.00	56.17	AVG	No Limit

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

Test Mode:	TX B Mode 2437 MHz

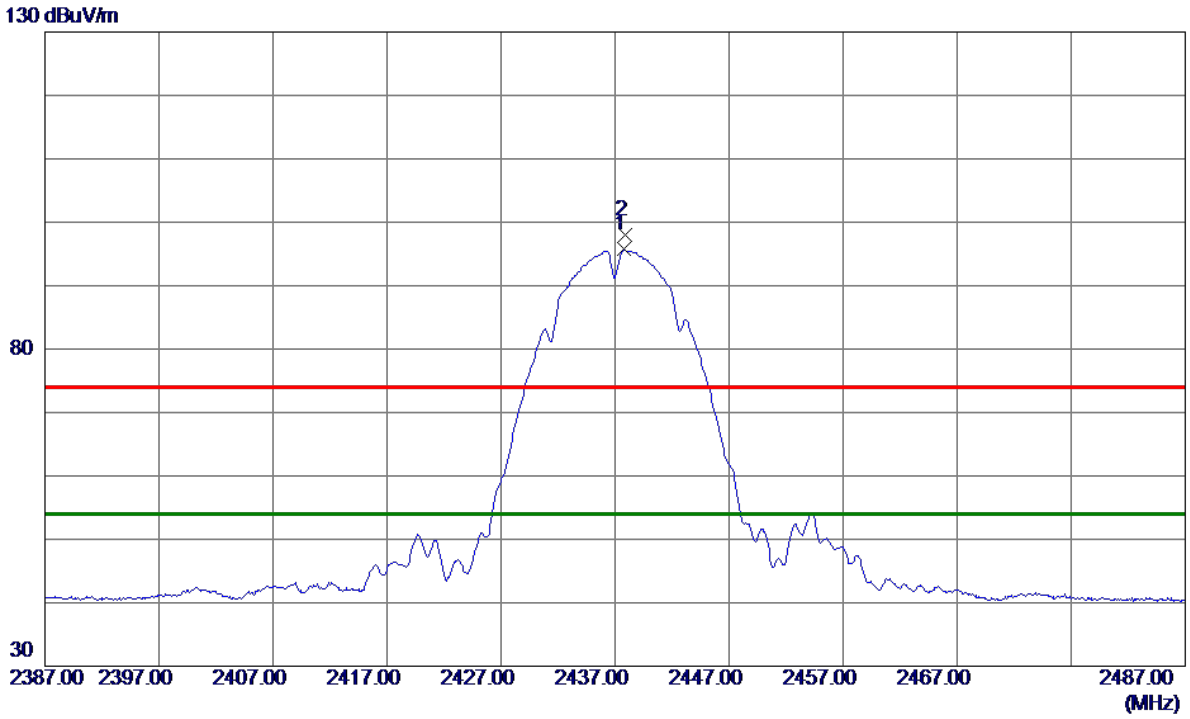
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.9670	44.74	4.58	49.32	54.00	-4.68	AVG	
2	4873.9740	48.02	4.58	52.60	74.00	-21.40	Peak	

REMARKS:
(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 *	2437.8000	88.48	7.25	95.73	54.00	41.73	AVG	No Limit
2	2437.9000	90.66	7.25	97.91	74.00	23.91	Peak	No Limit

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

Test Mode:	TX B Mode 2437 MHz

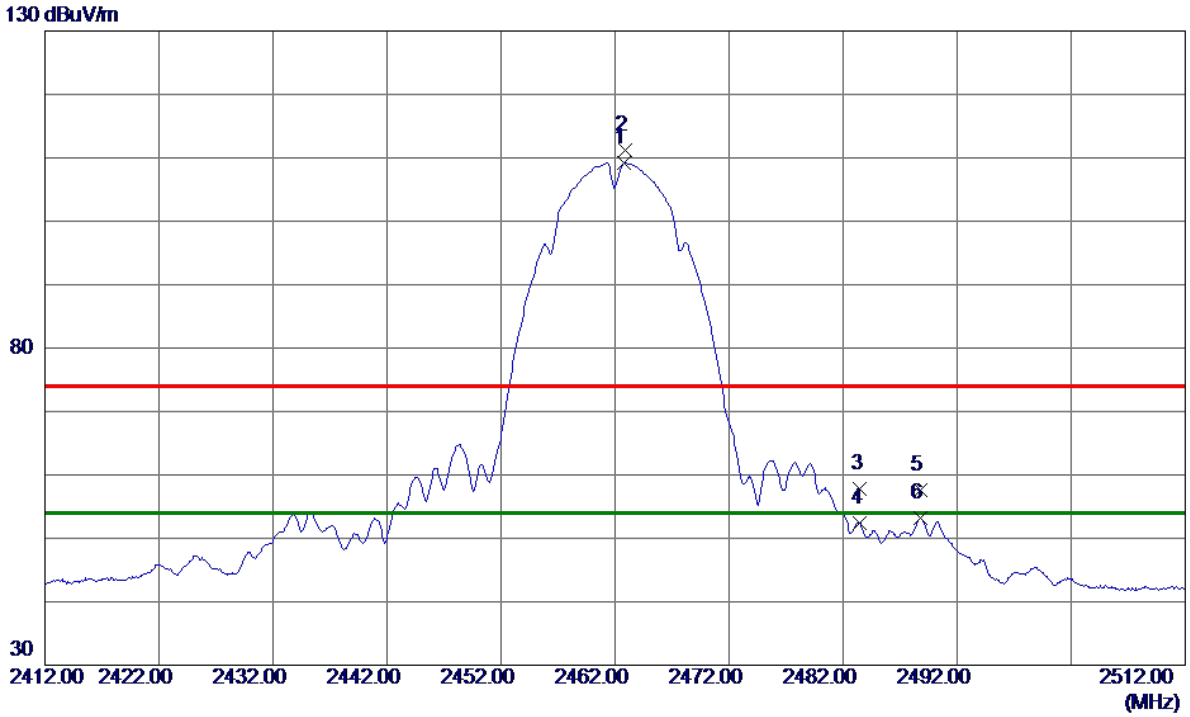
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.7010	45.39	4.58	49.97	74.00	-24.03	Peak	
2 *	4873.9630	39.07	4.58	43.65	54.00	-10.35	AVG	

REMARKS:
(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 *	2462.7500	102.03	7.25	109.28	54.00	55.28	AVG	No Limit
2	2462.9000	103.90	7.25	111.15	74.00	37.15	Peak	No Limit
3	2483.5000	50.46	7.25	57.71	74.00	-16.29	Peak	
4	2483.5000	45.20	7.25	52.45	54.00	-1.55	AVG	
5	2488.8000	50.35	7.25	57.60	74.00	-16.40	Peak	
6	2488.8000	46.00	7.25	53.25	54.00	-0.75	AVG	

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

Test Mode:	TX B Mode 2462 MHz

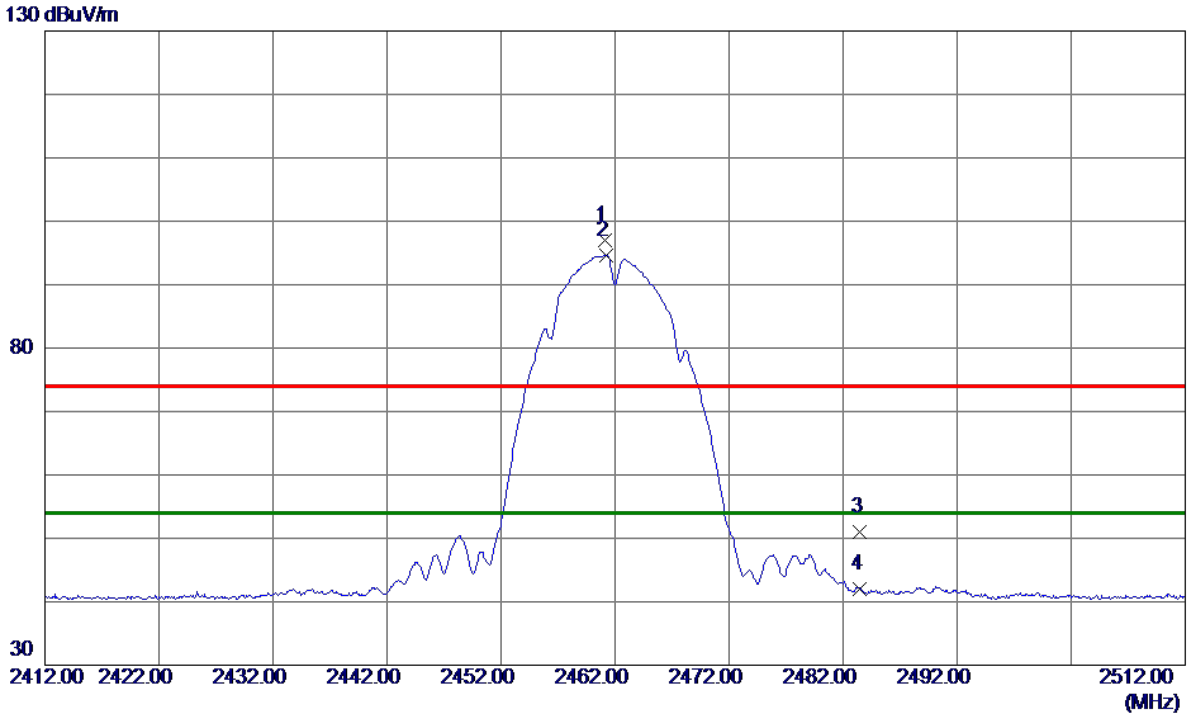
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9080	47.58	4.72	52.30	74.00	-21.70	Peak	
2 *	4923.9570	44.30	4.72	49.02	54.00	-4.98	AVG	

REMARKS:
(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	2461.1500	89.66	7.25	96.91	74.00	22.91	Peak	No Limit
2 *	2461.2500	87.41	7.25	94.66	54.00	40.66	AVG	No Limit
3	2483.5000	43.71	7.25	50.96	74.00	-23.04	Peak	
4	2483.5000	34.81	7.25	42.06	54.00	-11.94	AVG	

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

Test Mode:	TX B Mode 2462 MHz

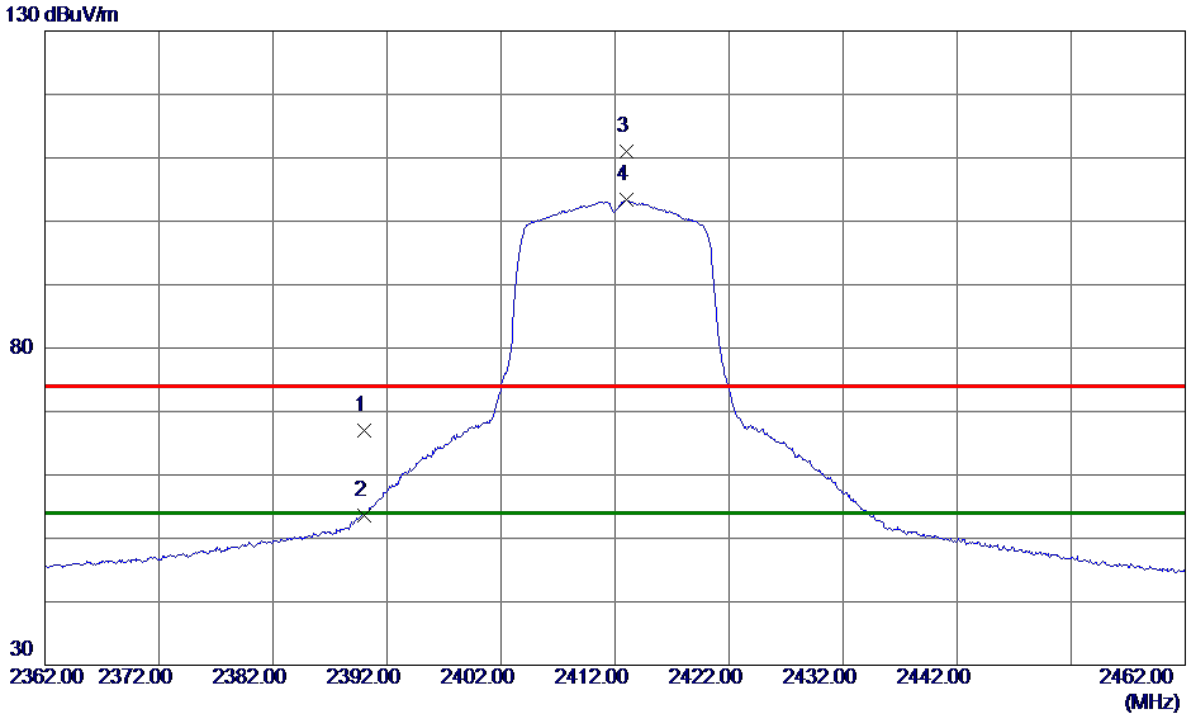
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.8200	44.97	4.72	49.69	74.00	-24.31	Peak	
2 *	4923.9870	39.48	4.72	44.20	54.00	-9.80	AVG	

REMARKS:
(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	59.68	7.26	66.94	74.00	-7.06	Peak	
2	2390.0000	46.37	7.26	53.63	54.00	-0.37	AVG	
3	2412.9500	103.76	7.26	111.02	74.00	37.02	Peak	No Limit
4 *	2413.0000	96.07	7.26	103.33	54.00	49.33	AVG	No Limit

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

Test Mode:	TX G Mode 2412 MHz

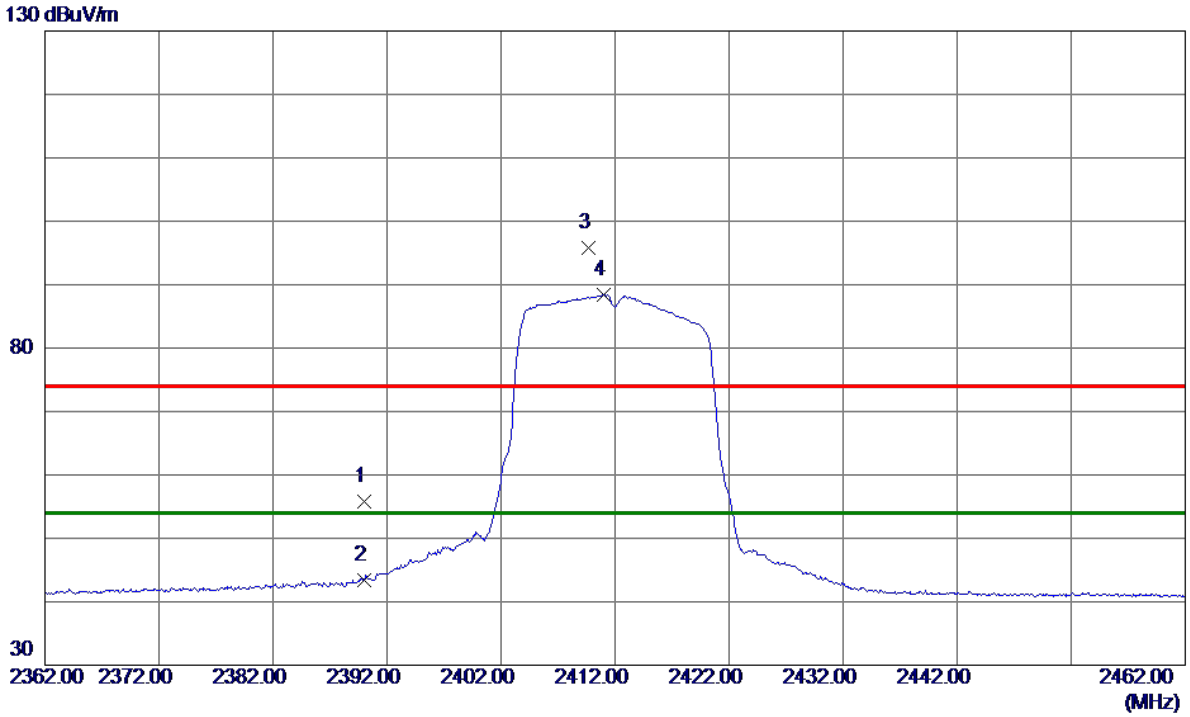
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.2200	43.05	4.45	47.50	74.00	-26.50	Peak	
2 *	4823.3480	31.08	4.45	35.53	54.00	-18.47	AVG	

REMARKS:
(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	48.52	7.26	55.78	74.00	-18.22	Peak	
2	2390.0000	36.22	7.26	43.48	54.00	-10.52	AVG	
3	2409.6500	88.61	7.26	95.87	74.00	21.87	Peak	No Limit
4 *	2411.0500	81.11	7.26	88.37	54.00	34.37	AVG	No Limit

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

Test Mode:	TX G Mode 2412 MHz

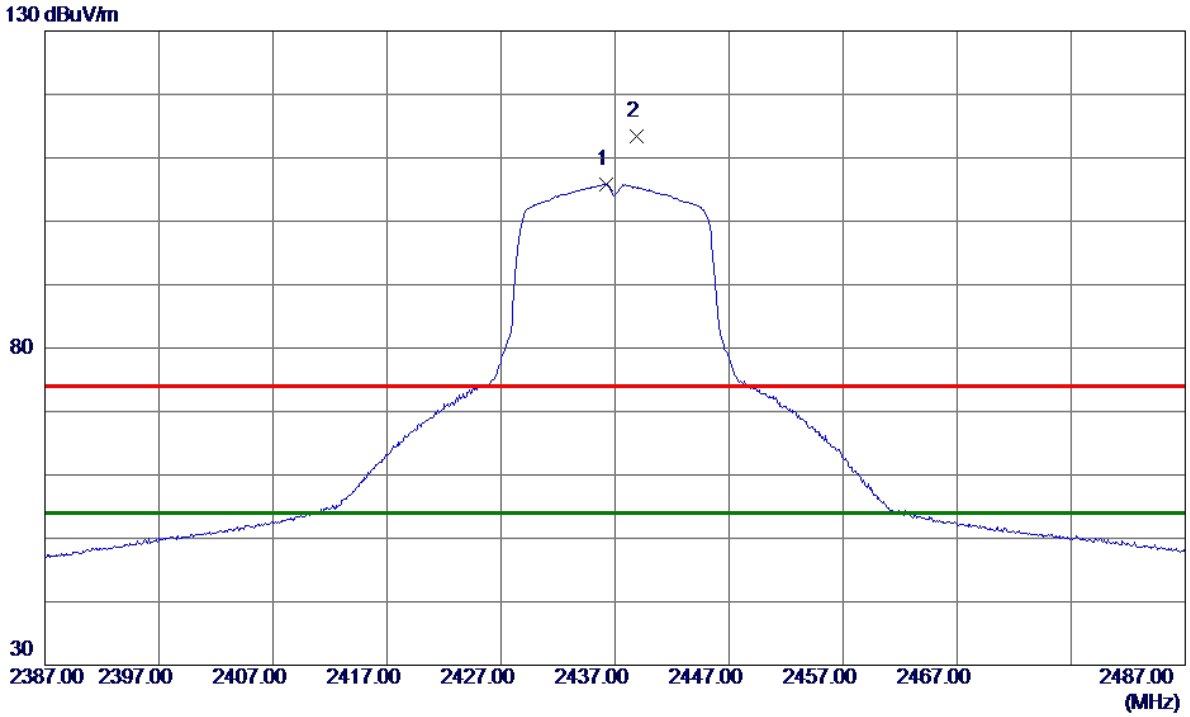
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4824.3860	40.14	4.45	44.59	74.00	-29.41	Peak	
2 *	4824.8889	28.16	4.45	32.61	54.00	-21.39	AVG	

REMARKS:
(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 *	2436.2500	98.58	7.25	105.83	54.00	51.83	AVG	No Limit
2	2438.9000	106.22	7.25	113.47	74.00	39.47	Peak	No Limit

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

Test Mode:	TX G Mode 2437 MHz

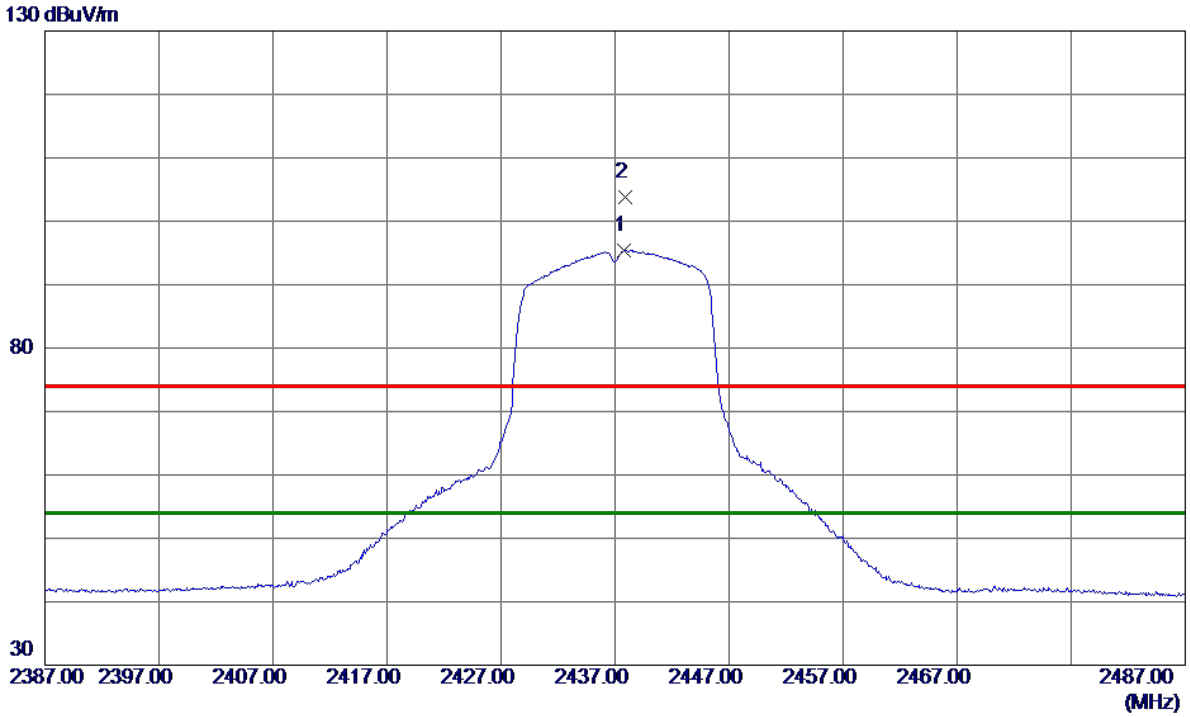
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0120	31.65	4.58	36.23	54.00	-17.77	AVG	
2	4874.4970	44.17	4.58	48.75	74.00	-25.25	Peak	

REMARKS:
(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 *	2437.7500	88.15	7.25	95.40	54.00	41.40	AVG	No Limit
2	2437.9000	96.55	7.25	103.80	74.00	29.80	Peak	No Limit

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

Test Mode:	TX G Mode 2437 MHz

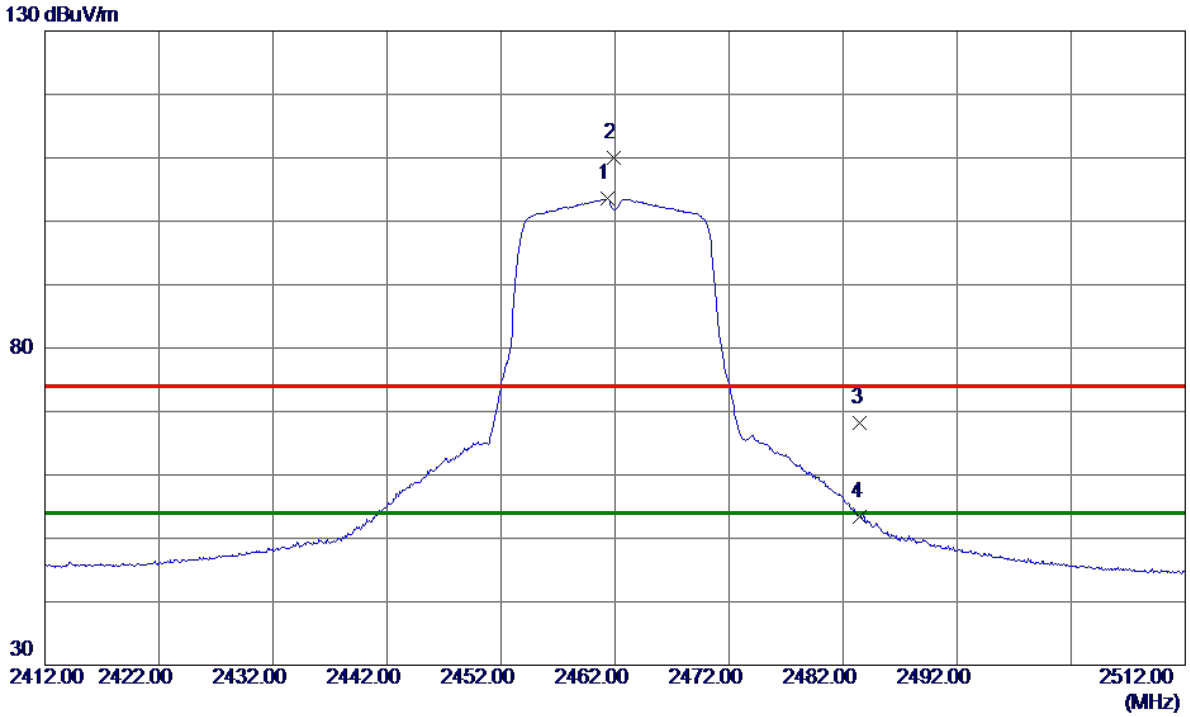
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.0520	28.62	4.58	33.20	54.00	-20.80	AVG	
2	4874.7090	39.68	4.59	44.27	74.00	-29.73	Peak	

REMARKS:
(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 *	2461.3000	96.28	7.25	103.53	54.00	49.53	AVG	No Limit
2	2461.8500	102.70	7.25	109.95	74.00	35.95	Peak	No Limit
3	2483.5000	60.88	7.25	68.13	74.00	-5.87	Peak	
4	2483.5000	46.24	7.25	53.49	54.00	-0.51	AVG	

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

Test Mode:	TX G Mode 2462 MHz

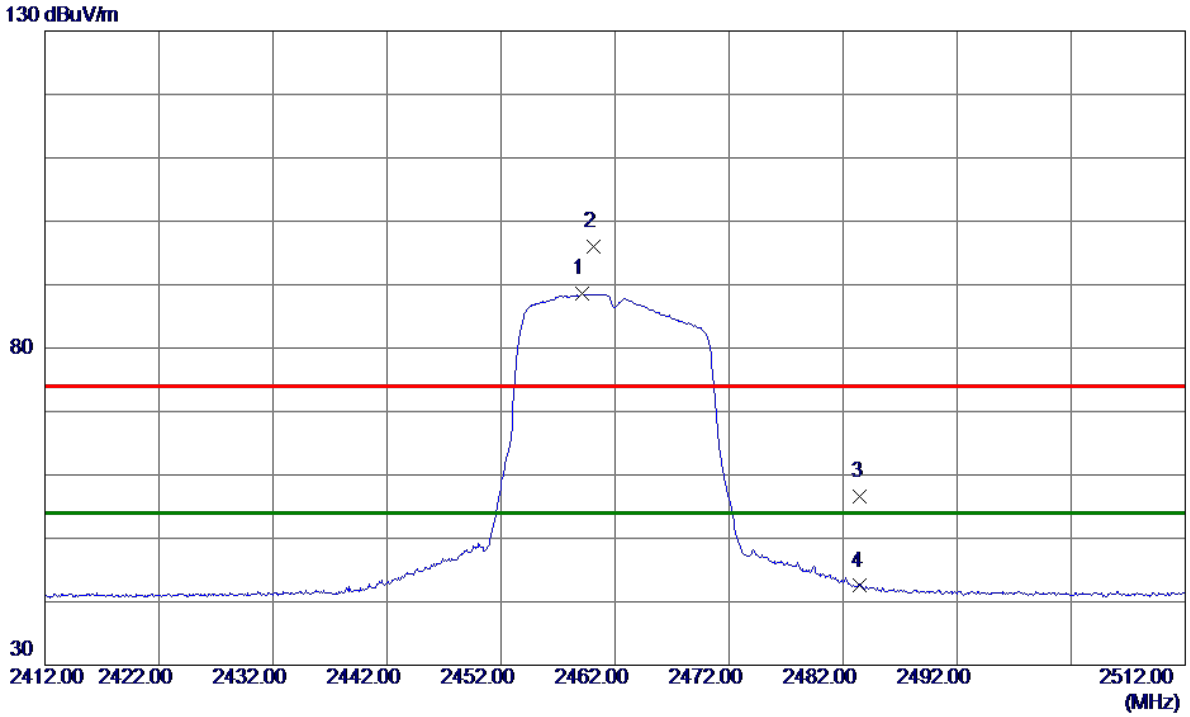
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0500	42.24	4.72	46.96	74.00	-27.04	Peak	
2 *	4924.1080	31.21	4.72	35.93	54.00	-18.07	AVG	

REMARKS:
(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 *	2459.1000	81.27	7.25	88.52	54.00	34.52	AVG	No Limit
2	2460.1500	88.69	7.25	95.94	74.00	21.94	Peak	No Limit
3	2483.5000	49.33	7.25	56.58	74.00	-17.42	Peak	
4	2483.5000	35.25	7.25	42.50	54.00	-11.50	AVG	

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

Test Mode:	TX G Mode 2462 MHz

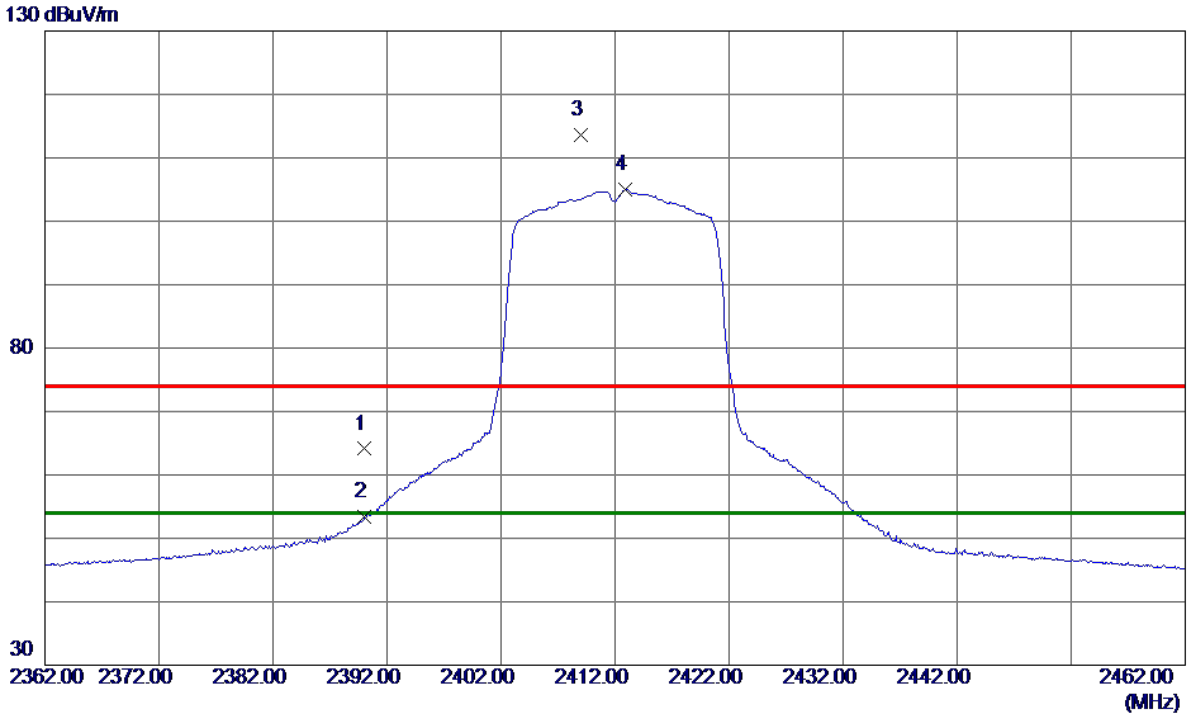
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.0700	39.79	4.72	44.51	74.00	-29.49	Peak	
2 *	4924.5310	28.37	4.72	33.09	54.00	-20.91	AVG	

REMARKS:
(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	56.84	7.26	64.10	74.00	-9.90	Peak	
2	2390.0000	46.16	7.26	53.42	54.00	-0.58	AVG	
3	2409.0000	106.33	7.26	113.59	74.00	39.59	Peak	No Limit
4 *	2412.9000	97.79	7.26	105.05	54.00	51.05	AVG	No Limit

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

Test Mode:	TX N-20M Mode 2412 MHz

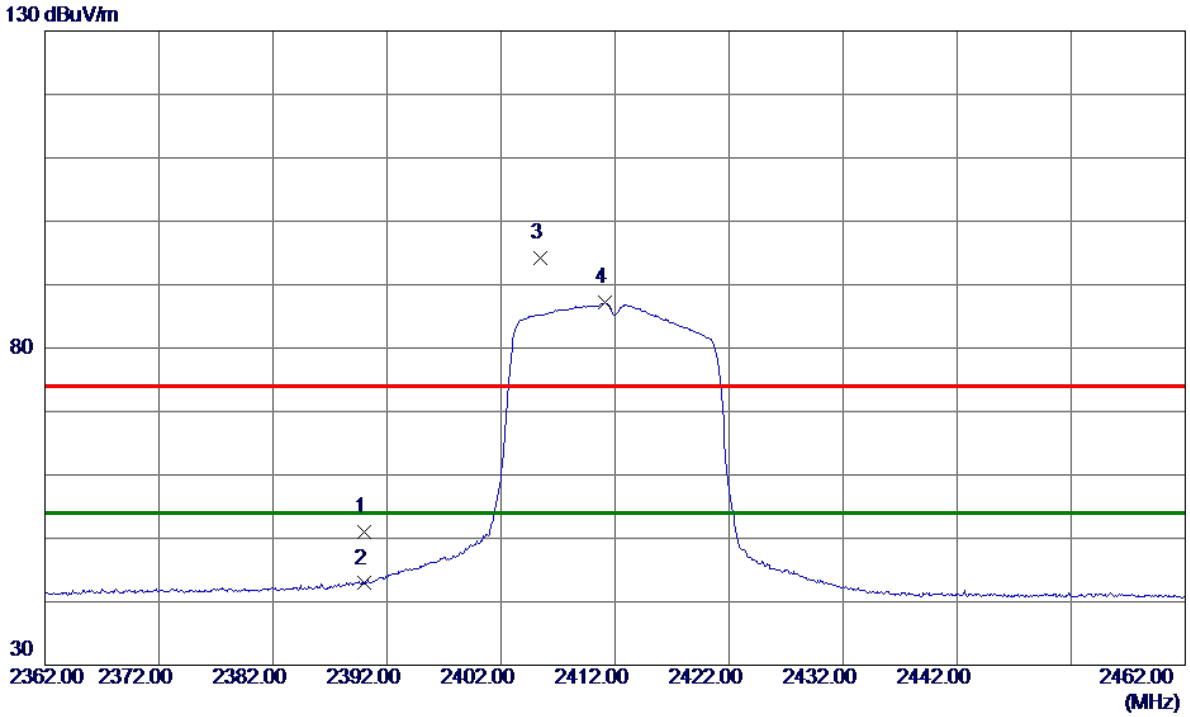
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.1200	45.26	4.45	49.71	74.00	-24.29	Peak	
2 *	4824.4450	33.00	4.45	37.45	54.00	-16.55	AVG	

REMARKS:
(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	43.76	7.26	51.02	74.00	-22.98	Peak	
2	2390.0000	35.64	7.26	42.90	54.00	-11.10	AVG	
3	2405.4500	86.87	7.26	94.13	74.00	20.13	Peak	No Limit
4 *	2411.1000	79.87	7.26	87.13	54.00	33.13	AVG	No Limit

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

Test Mode:	TX N-20M Mode 2412 MHz

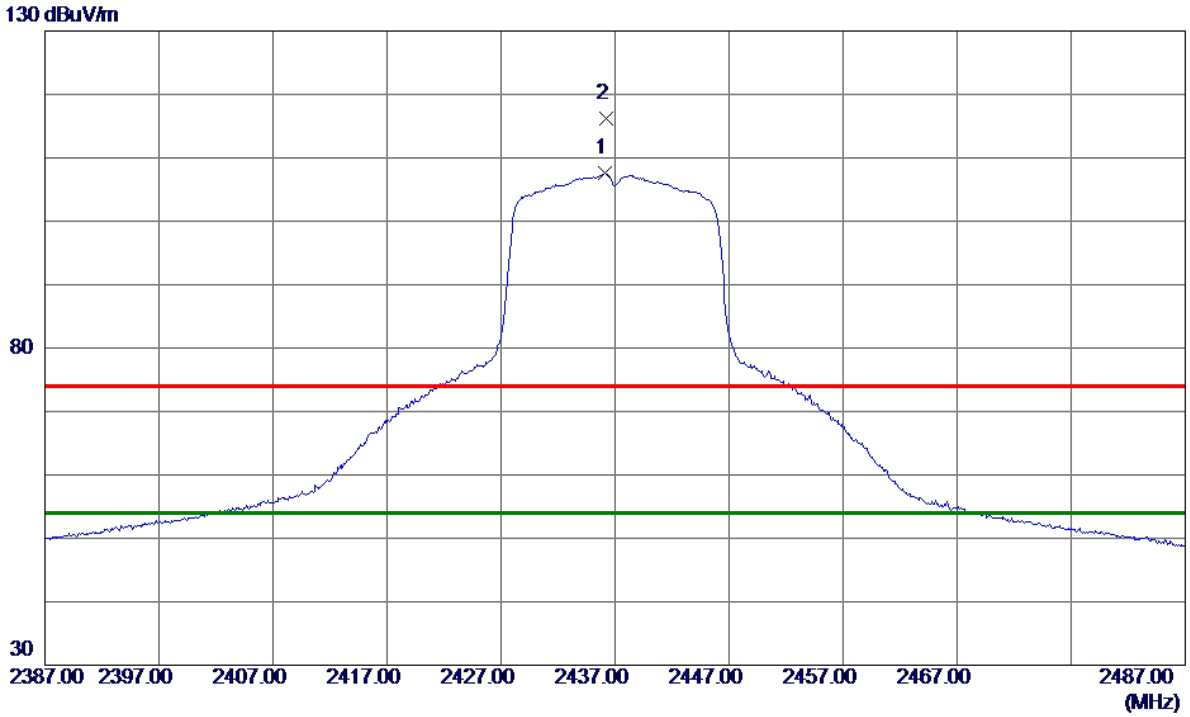
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.2380	40.48	4.45	44.93	74.00	-29.07	Peak	
2 *	4824.3060	27.97	4.45	32.42	54.00	-21.58	AVG	

REMARKS:
(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 *	2436.1000	100.26	7.25	107.51	54.00	53.51	AVG	No Limit
2	2436.2500	108.91	7.25	116.16	74.00	42.16	Peak	No Limit

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

Test Mode:	TX N-20M Mode 2437 MHz

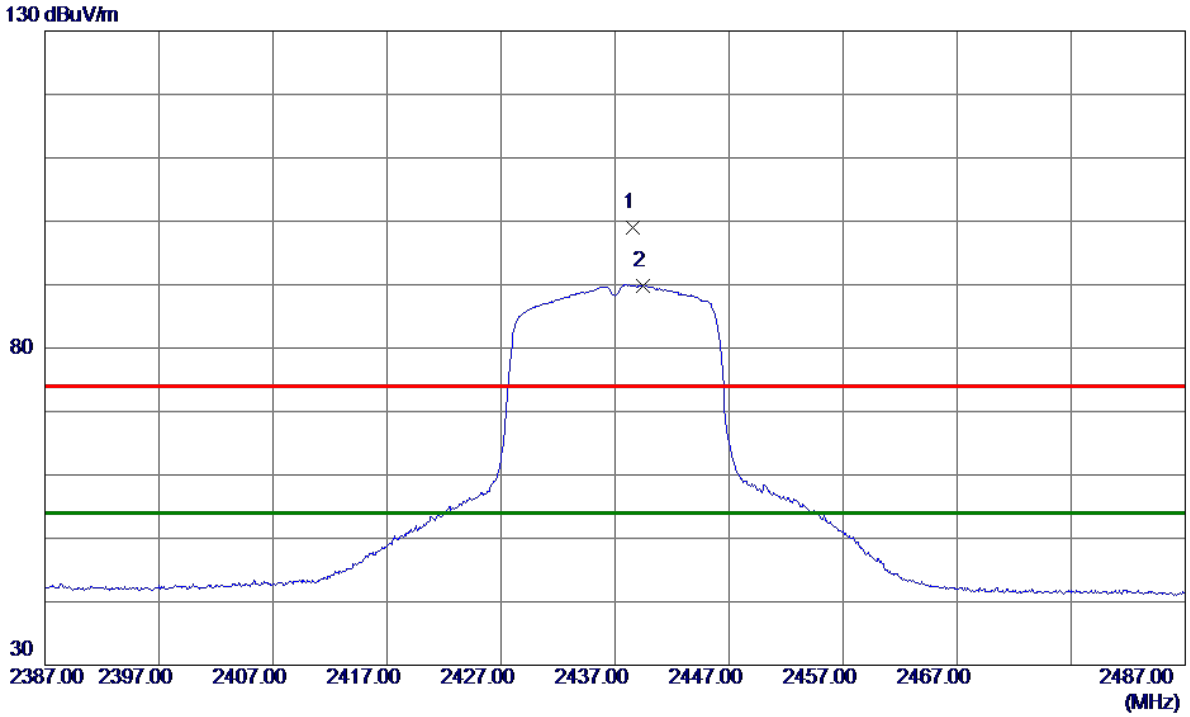
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.4980	33.39	4.58	37.97	54.00	-16.03	AVG	
2	4874.6090	46.05	4.59	50.64	74.00	-23.36	Peak	

REMARKS:
(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	2438.6000	91.78	7.25	99.03	74.00	25.03	Peak	No Limit
2 *	2439.4000	82.59	7.25	89.84	54.00	35.84	AVG	No Limit

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

Test Mode:	TX N-20M Mode 2437 MHz

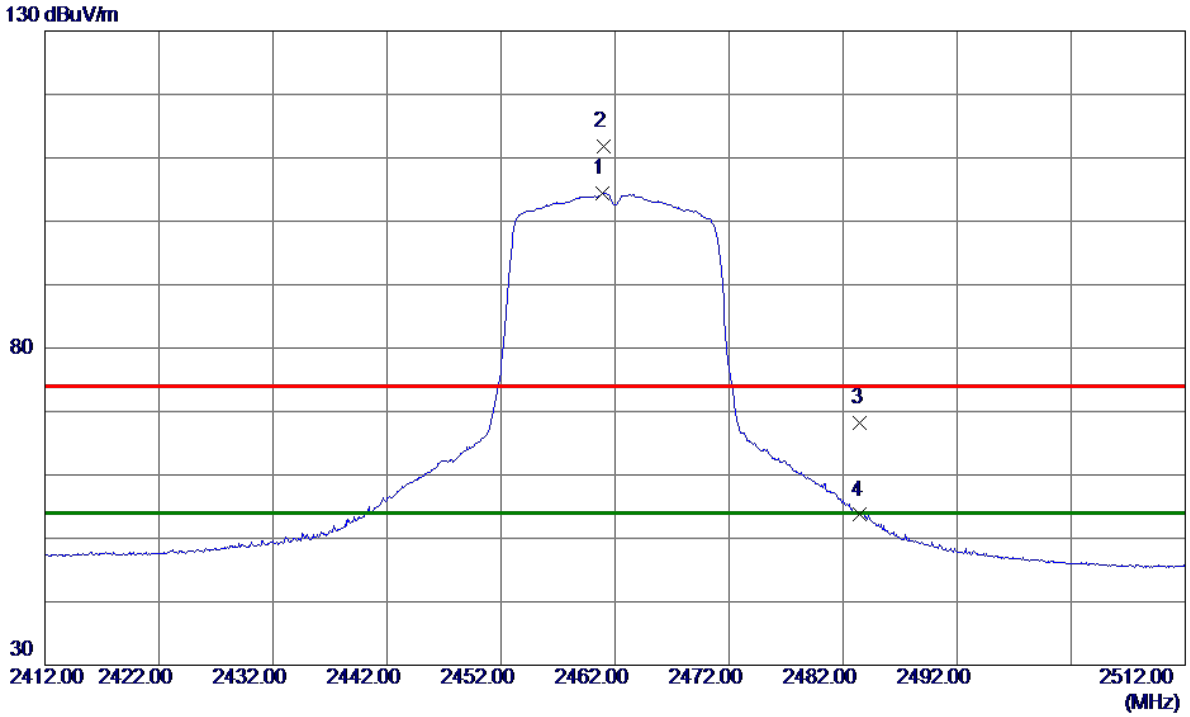
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.1990	28.36	4.58	32.94	54.00	-21.06	AVG	
2	4874.5460	39.43	4.59	44.02	74.00	-29.98	Peak	

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

Test Mode:	TX N-20M 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 *	2460.9000	97.15	7.25	104.40	54.00	50.40	AVG	No Limit
2	2461.0000	104.62	7.25	111.87	74.00	37.87	Peak	No Limit
3	2483.5000	60.94	7.25	68.19	74.00	-5.81	Peak	
4	2483.5000	46.45	7.25	53.70	54.00	-0.30	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

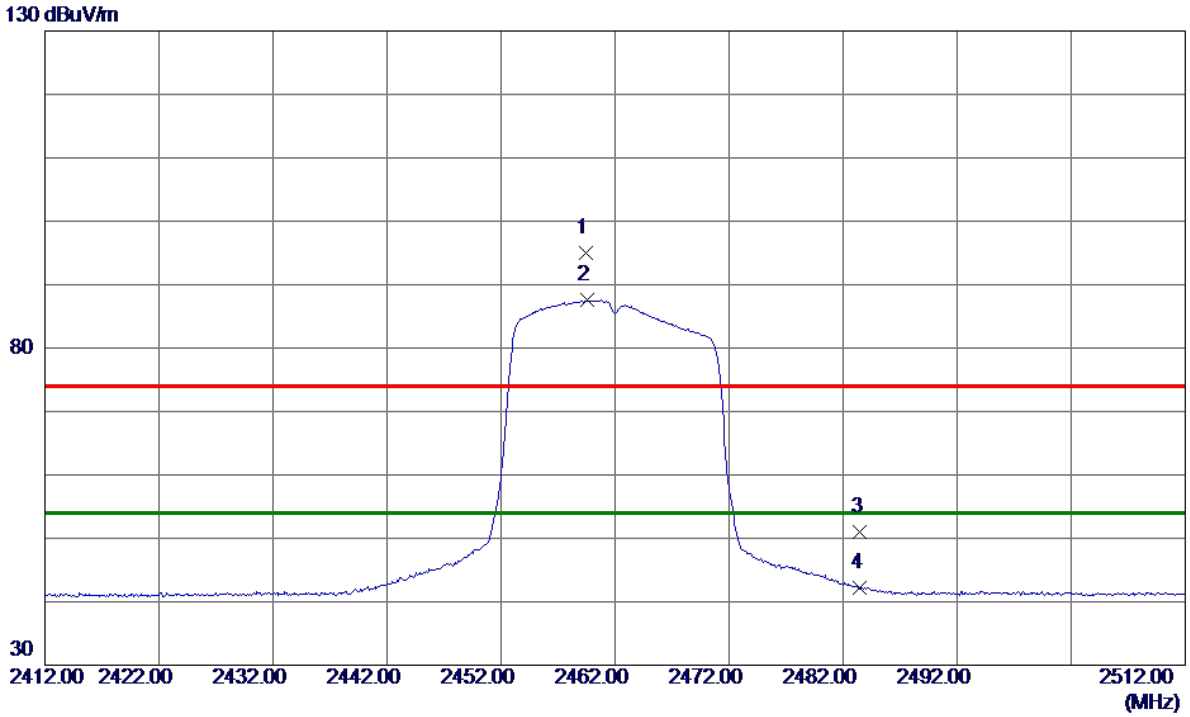
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.6080	45.48	4.72	50.20	74.00	-23.80	Peak	
2 *	4924.7320	33.88	4.72	38.60	54.00	-15.40	AVG	

REMARKS:
(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	2459.4000	87.65	7.25	94.90	74.00	20.90	Peak	No Limit
2 *	2459.5500	80.26	7.25	87.51	54.00	33.51	AVG	No Limit
3	2483.5000	43.77	7.25	51.02	74.00	-22.98	Peak	
4	2483.5000	34.97	7.25	42.22	54.00	-11.78	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

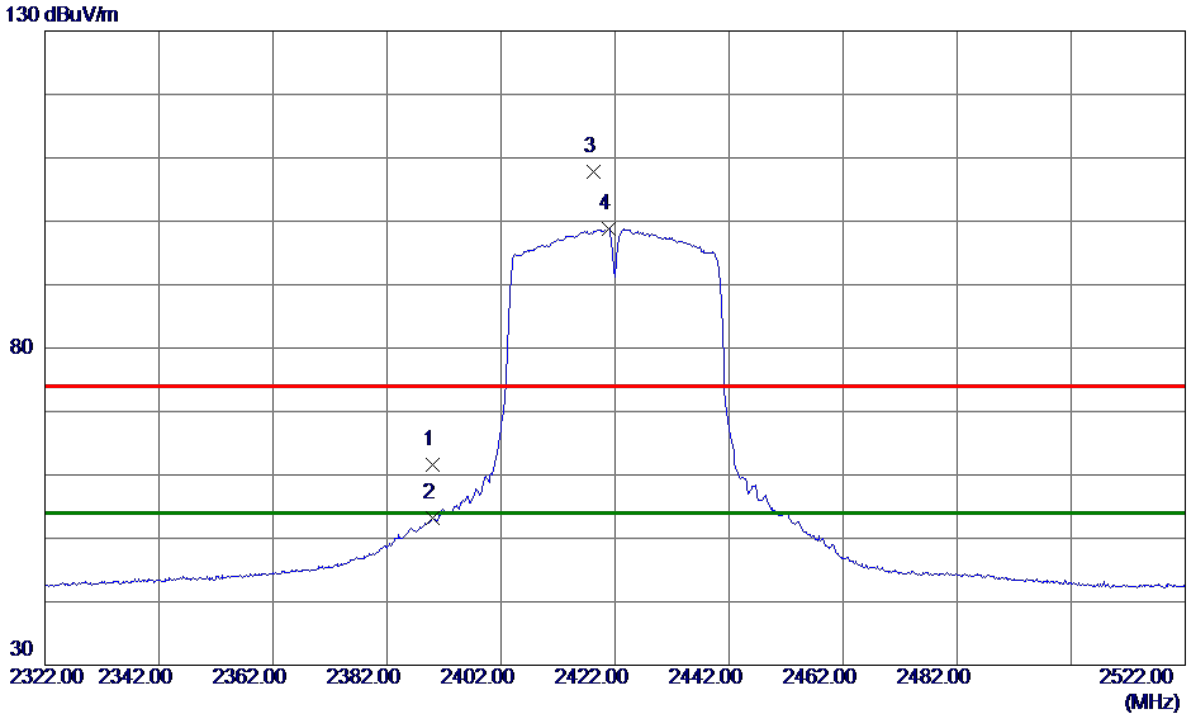
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.5920	39.27	4.72	43.99	74.00	-30.01	Peak	
2 *	4924.5270	28.27	4.72	32.99	54.00	-21.01	AVG	

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

Test Mode:	TX N-40M Mode 2422 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	54.32	7.26	61.58	74.00	-12.42	Peak	
2	2390.0000	45.92	7.26	53.18	54.00	-0.82	AVG	
3	2418.2000	100.61	7.26	107.87	74.00	33.87	Peak	No Limit
4 *	2420.9000	91.53	7.26	98.79	54.00	44.79	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2422 MHz

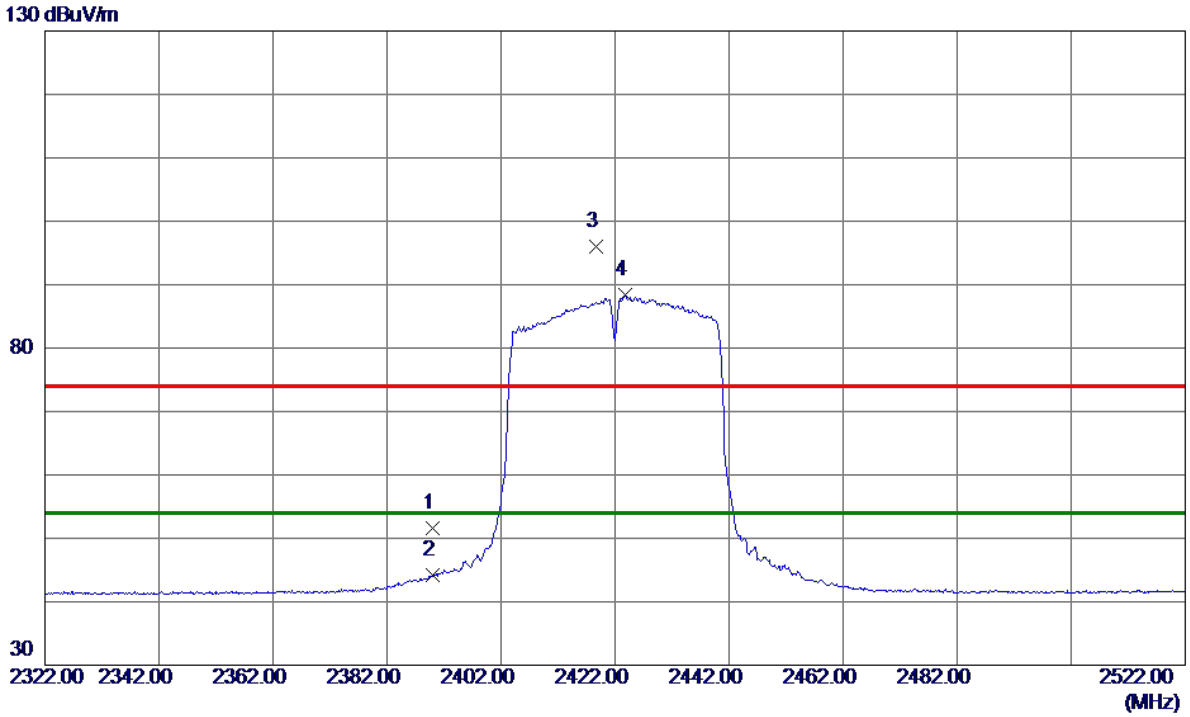
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.6240	31.76	4.51	36.27	54.00	-17.73	AVG	
2	4844.6420	44.80	4.51	49.31	74.00	-24.69	Peak	

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

Test Mode:	TX N-40M Mode 2422 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	44.34	7.26	51.60	74.00	-22.40	Peak	
2	2390.0000	36.86	7.26	44.12	54.00	-9.88	AVG	
3	2418.7000	88.66	7.26	95.92	74.00	21.92	Peak	No Limit
4 *	2423.8000	81.11	7.25	88.36	54.00	34.36	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2422 MHz

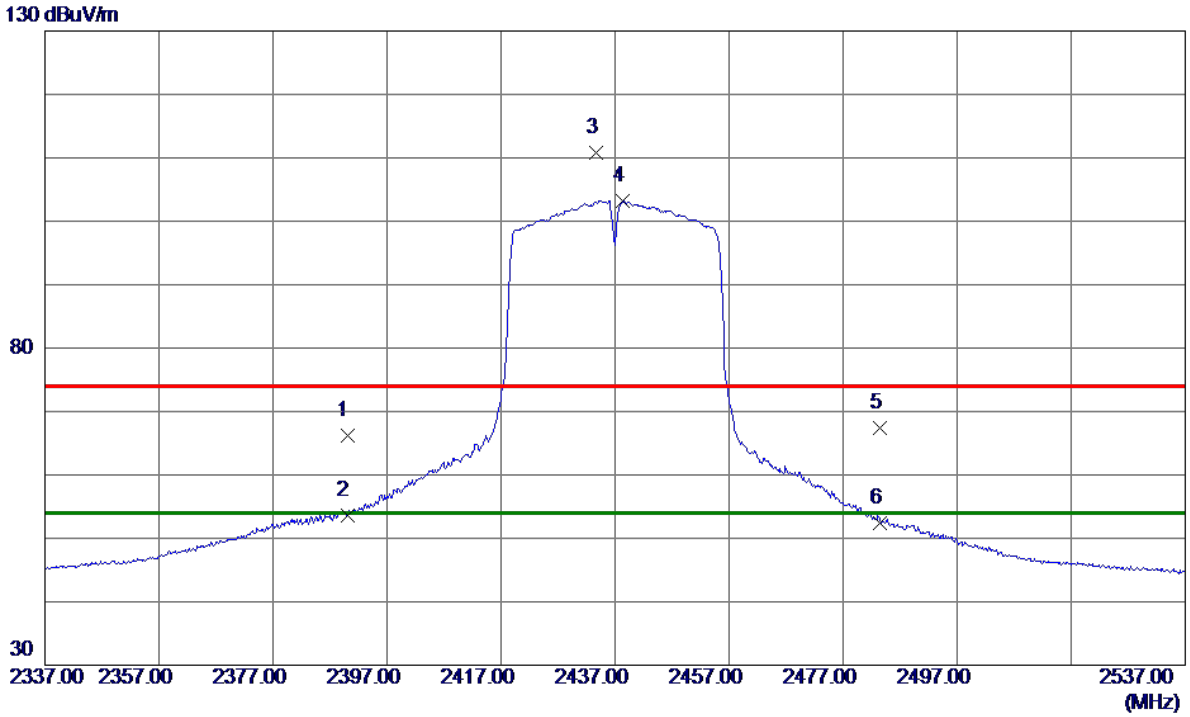
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4844.4900	28.98	4.50	33.48	54.00	-20.52	AVG	
2	4844.5830	40.02	4.51	44.53	74.00	-29.47	Peak	

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

Test Mode:	TX N-40M 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	59.02	7.26	66.28	74.00	-7.72	Peak	
2	2390.0000	46.30	7.26	53.56	54.00	-0.44	AVG	
3	2433.7000	103.61	7.25	110.86	74.00	36.86	Peak	No Limit
4 *	2438.4000	95.92	7.25	103.17	54.00	49.17	AVG	No Limit
5	2483.5000	60.11	7.25	67.36	74.00	-6.64	Peak	
6	2483.5000	45.16	7.25	52.41	54.00	-1.59	AVG	

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

Test Mode:	TX N-40M Mode 2437 MHz

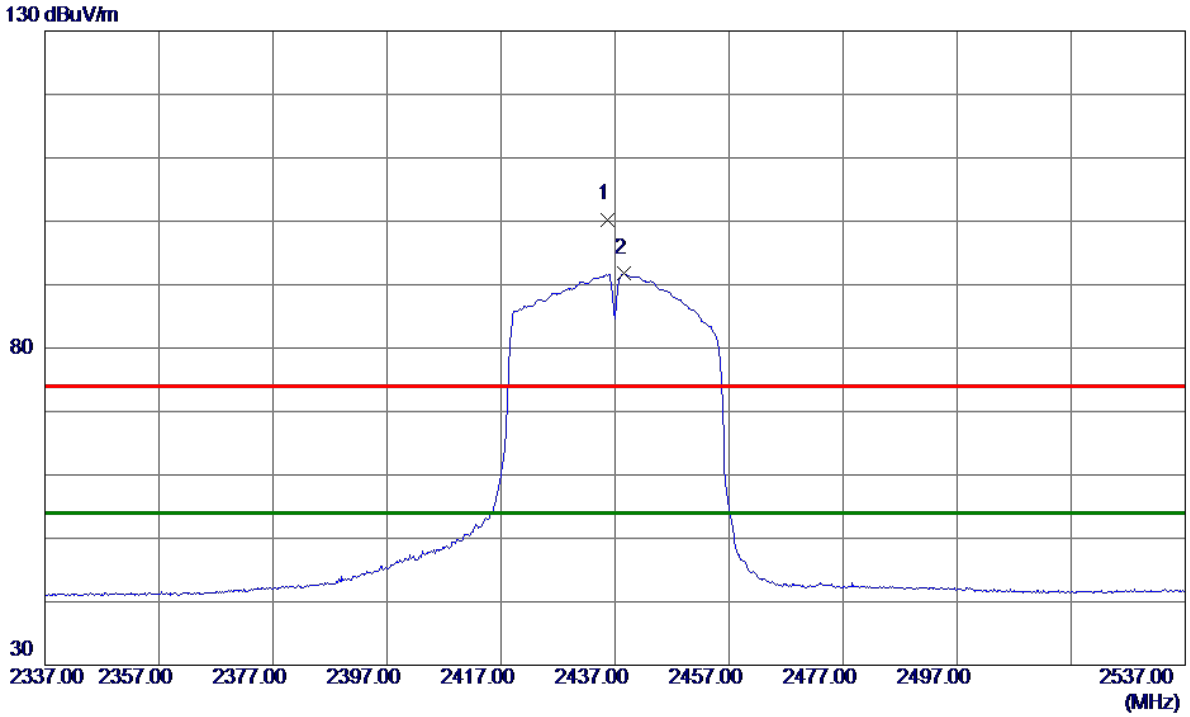
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.1210	43.91	4.58	48.49	74.00	-25.51	Peak	
2 *	4873.8849	31.21	4.58	35.79	54.00	-18.21	AVG	

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

Test Mode:	TX N-40M 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	2435.7000	93.05	7.25	100.30	74.00	26.30	Peak	No Limit
2 *	2438.6000	84.57	7.25	91.82	54.00	37.82	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2437 MHz

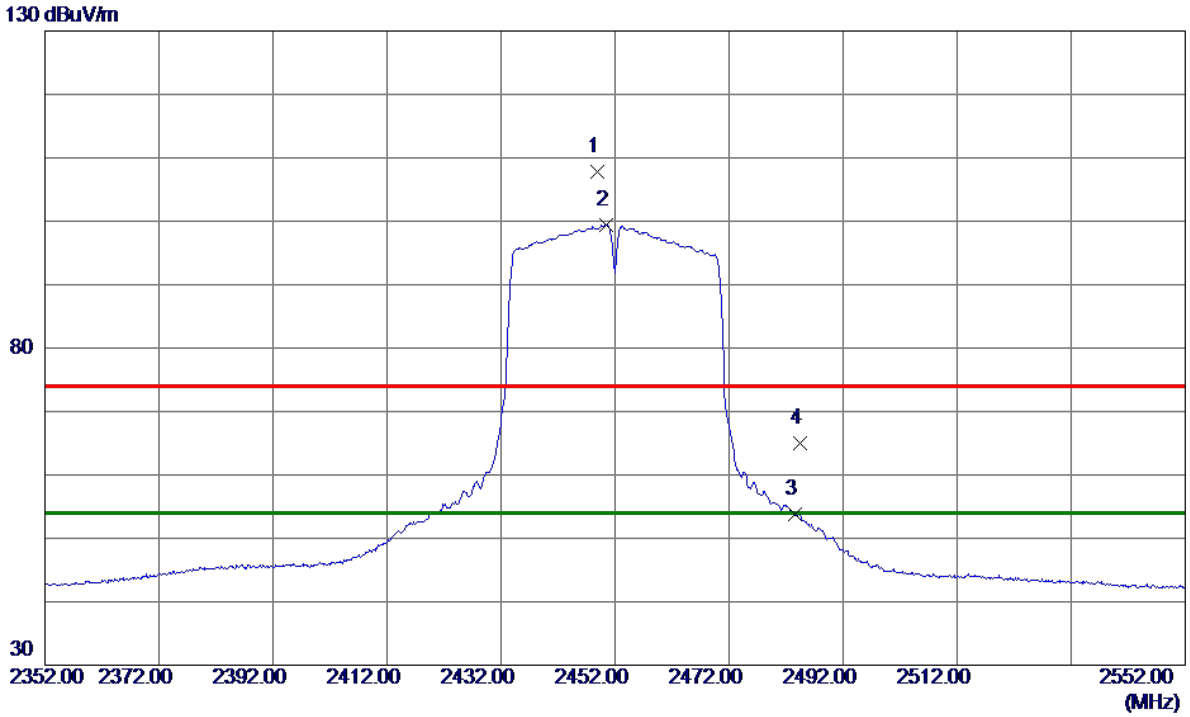
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4874.5130	39.34	4.59	43.93	74.00	-30.07	Peak	
2 *	4874.8090	28.38	4.59	32.97	54.00	-21.03	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2448.8000	100.47	7.25	107.72	74.00	33.72	Peak	No Limit
2 *	2450.5000	92.16	7.25	99.41	54.00	45.41	AVG	No Limit
3	2483.5000	46.48	7.25	53.73	54.00	-0.27	AVG	
4	2484.4000	57.73	7.25	64.98	74.00	-9.02	Peak	

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

Test Mode:	TX N-40M Mode 2452 MHz

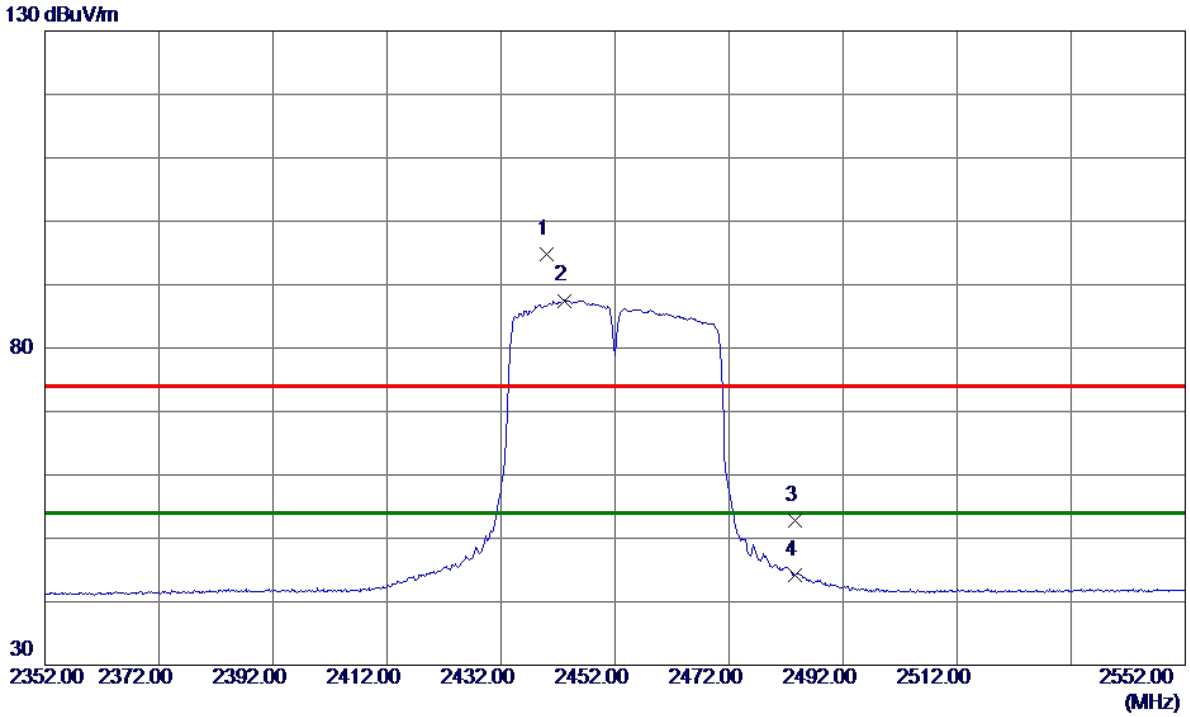
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.0650	45.12	4.66	49.78	74.00	-24.22	Peak	
2 *	4904.5930	32.06	4.67	36.73	54.00	-17.27	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2440.1000	87.62	7.25	94.87	74.00	20.87	Peak	No Limit
2 *	2443.2000	80.25	7.25	87.50	54.00	33.50	AVG	No Limit
3	2483.5000	45.59	7.25	52.84	74.00	-21.16	Peak	
4	2483.5000	37.02	7.25	44.27	54.00	-9.73	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

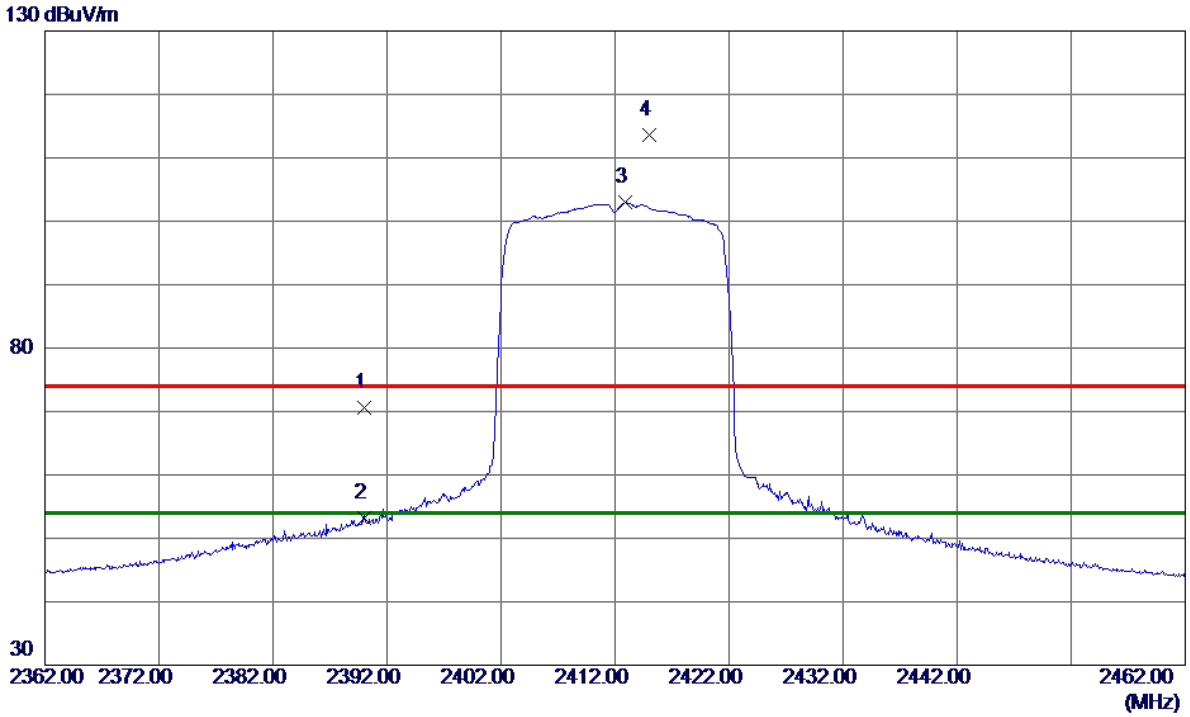
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.0520	39.30	4.66	43.96	74.00	-30.04	Peak	
2 *	4903.8670	28.00	4.66	32.66	54.00	-21.34	AVG	

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

Test Mode:	TX AX-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	63.41	7.26	70.67	74.00	-3.33	Peak	
2	2390.0000	46.01	7.26	53.27	54.00	-0.73	AVG	
3 *	2412.9000	95.65	7.26	102.91	54.00	48.91	AVG	No Limit
4	2414.9500	106.33	7.26	113.59	74.00	39.59	Peak	No Limit

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

Test Mode:	TX AX-20M Mode 2412 MHz

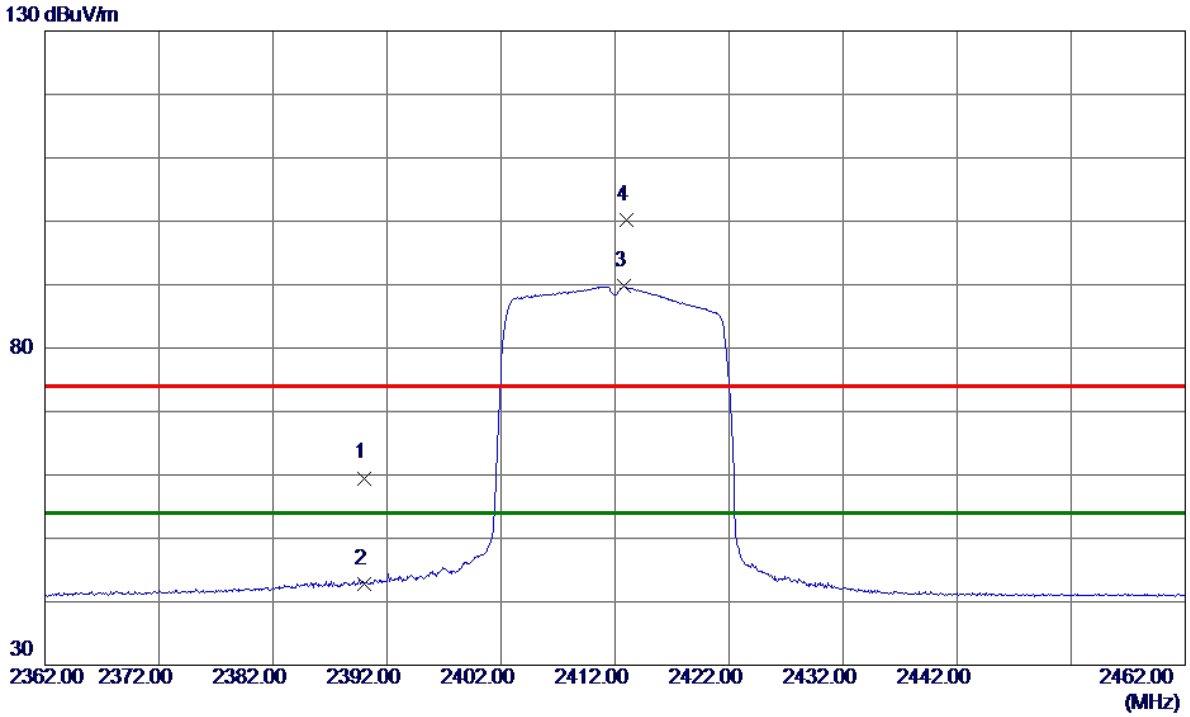
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.2540	44.33	4.45	48.78	74.00	-25.22	Peak	
2 *	4823.7759	32.06	4.45	36.51	54.00	-17.49	AVG	

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

Test Mode:	TX AX-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	52.24	7.26	59.50	74.00	-14.50	Peak	
2	2390.0000	35.62	7.26	42.88	54.00	-11.12	AVG	
3 *	2412.8000	82.47	7.26	89.73	54.00	35.73	AVG	No Limit
4	2413.0000	92.89	7.26	100.15	74.00	26.15	Peak	No Limit

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

Test Mode:	TX AX-20M Mode 2412 MHz

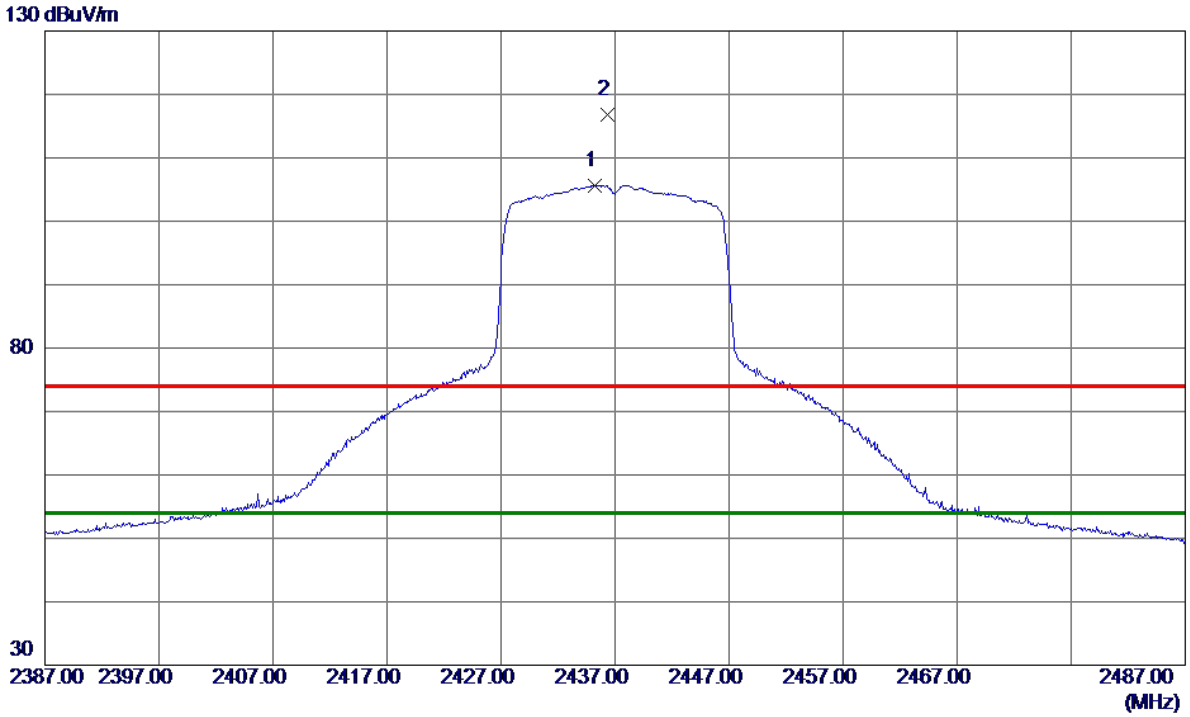
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.7950	28.00	4.45	32.45	54.00	-21.55	AVG	
2	4823.9470	39.11	4.45	43.56	74.00	-30.44	Peak	

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

Test Mode:	TX AX-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 *	2435.2500	98.44	7.25	105.69	54.00	51.69	AVG	No Limit
2	2436.3000	109.51	7.25	116.76	74.00	42.76	Peak	No Limit

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

Test Mode:	TX AX-20M Mode 2437 MHz

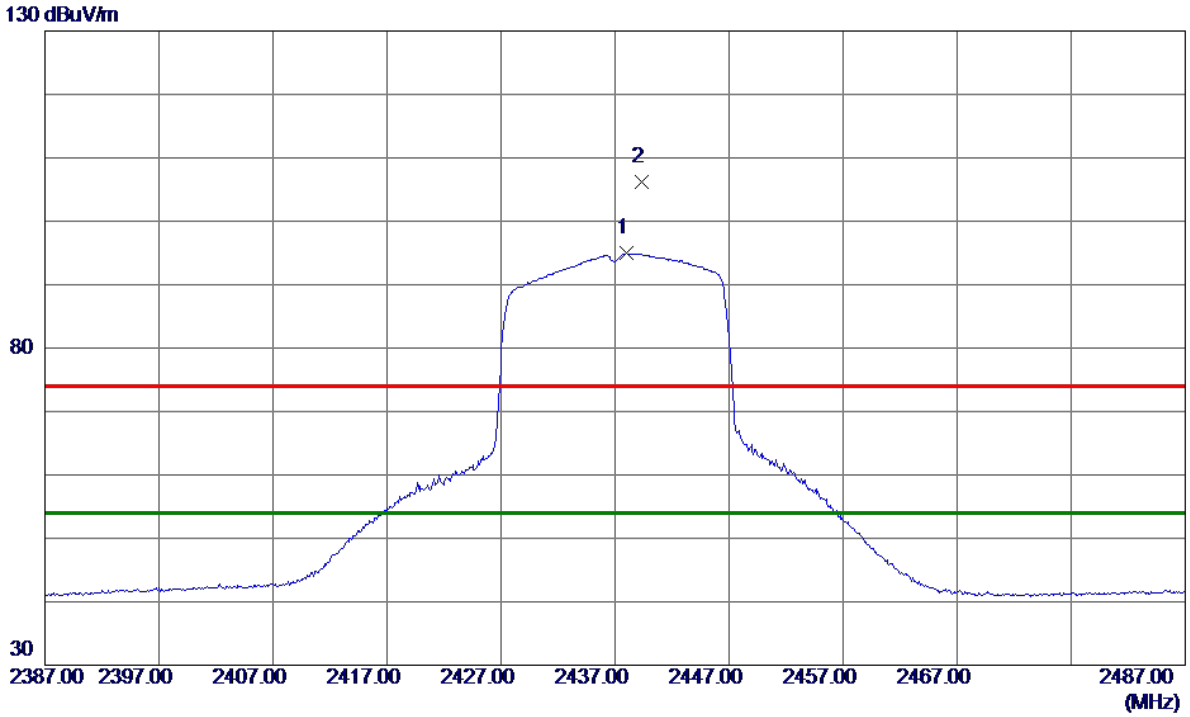
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.2580	32.69	4.58	37.27	54.00	-16.73	AVG	
2	4874.7140	44.75	4.59	49.34	74.00	-24.66	Peak	

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

Test Mode:	TX AX-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 *	2438.0500	87.65	7.25	94.90	54.00	40.90	AVG	No Limit
2	2439.3000	99.02	7.25	106.27	74.00	32.27	Peak	No Limit

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

Test Mode:	TX AX-20M Mode 2437 MHz

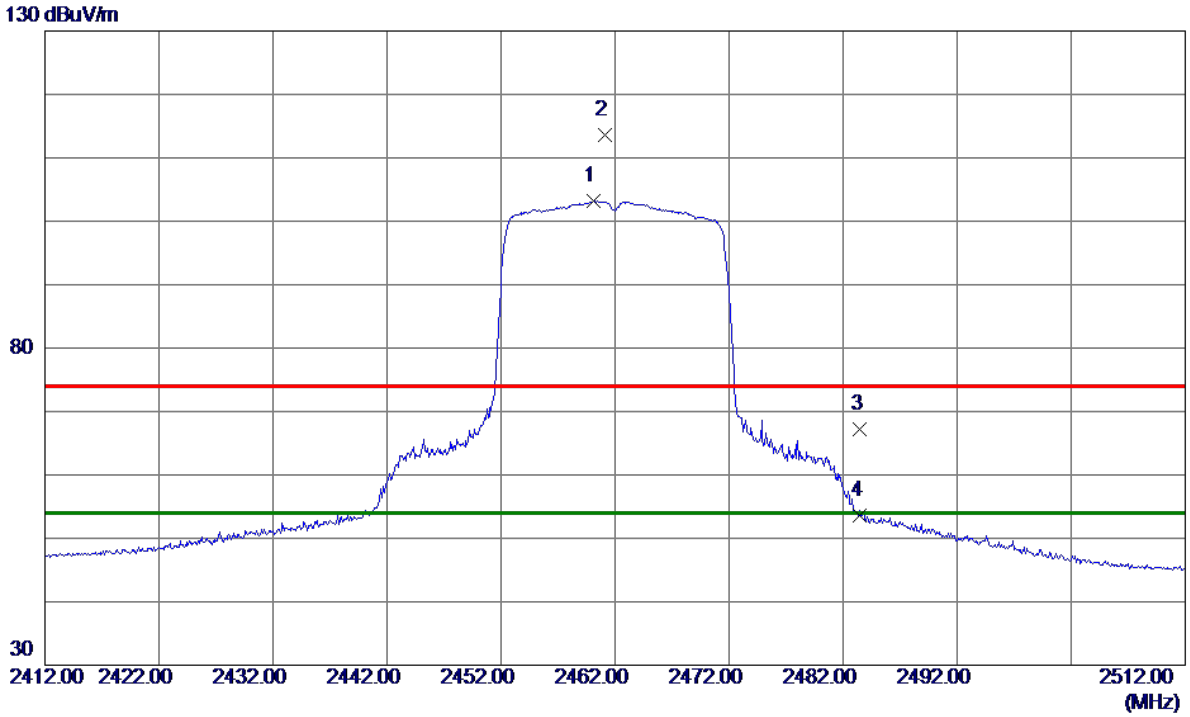
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.8240	28.30	4.58	32.88	54.00	-21.12	AVG	
2	4874.5290	40.51	4.59	45.10	74.00	-28.90	Peak	

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

Test Mode:	TX AX-20M 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 *	2460.1000	95.99	7.25	103.24	54.00	49.24	AVG	No Limit
2	2461.1000	106.31	7.25	113.56	74.00	39.56	Peak	No Limit
3	2483.5000	59.91	7.25	67.16	74.00	-6.84	Peak	
4	2483.5000	46.29	7.25	53.54	54.00	-0.46	AVG	

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

Test Mode:	TX AX-20M Mode 2462 MHz

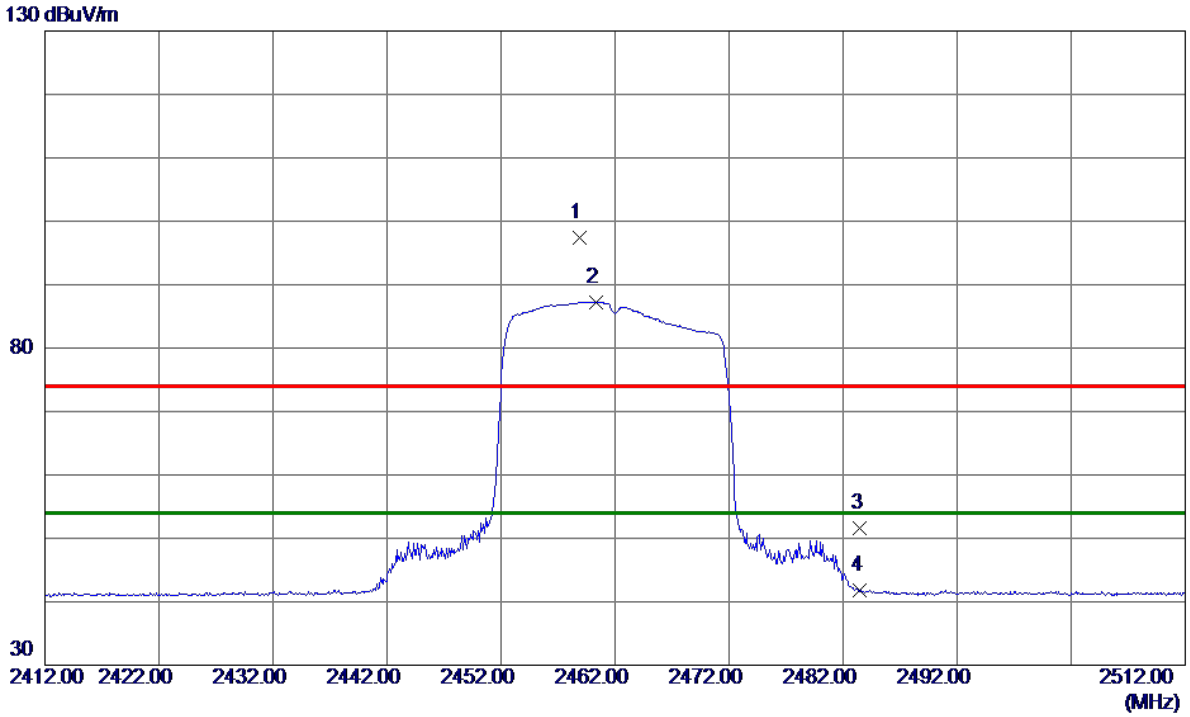
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.7470	32.87	4.72	37.59	54.00	-16.41	AVG	
2	4924.4560	45.73	4.72	50.45	74.00	-23.55	Peak	

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

Test Mode:	TX AX-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	2458.9000	90.16	7.25	97.41	74.00	23.41	Peak	No Limit
2 *	2460.3000	80.00	7.25	87.25	54.00	33.25	AVG	No Limit
3	2483.5000	44.26	7.25	51.51	74.00	-22.49	Peak	
4	2483.5000	34.62	7.25	41.87	54.00	-12.13	AVG	

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

Test Mode:	TX AX-20M Mode 2462 MHz

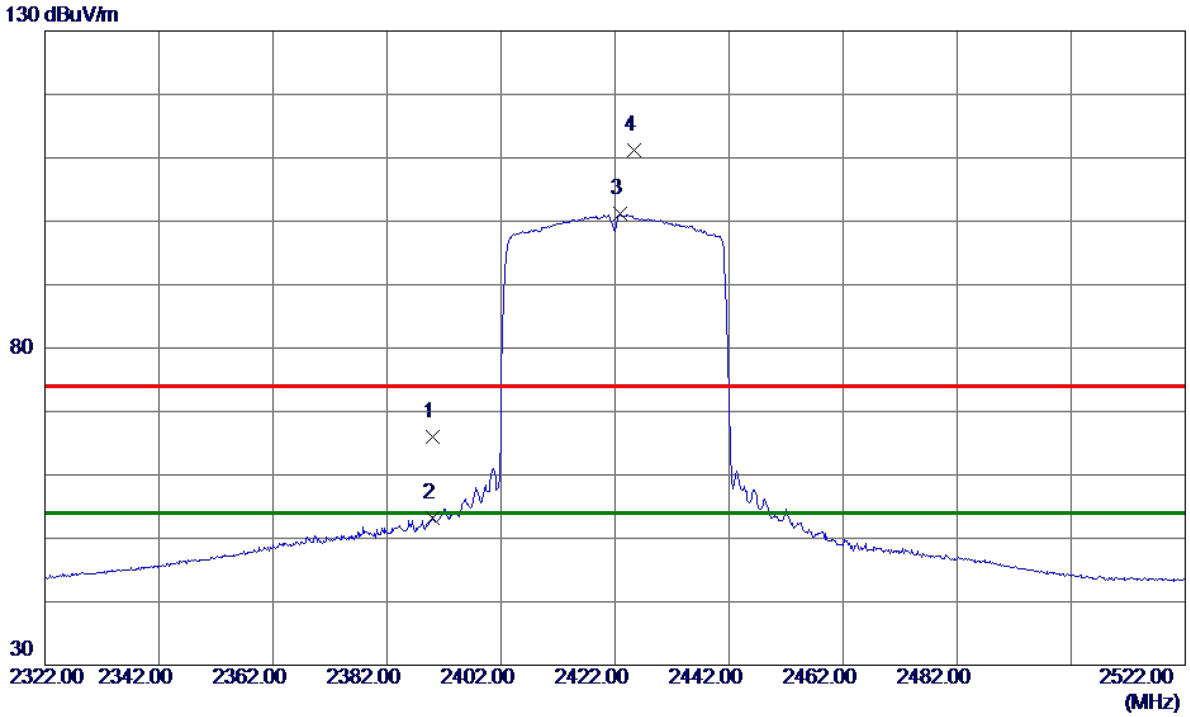
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.1650	39.61	4.71	44.32	74.00	-29.68	Peak	
2 *	4923.7150	28.47	4.72	33.19	54.00	-20.81	AVG	

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

Test Mode:	TX AX-40M Mode 2422 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	58.70	7.26	65.96	74.00	-8.04	Peak	
2	2390.0000	45.95	7.26	53.21	54.00	-0.79	AVG	
3 *	2422.9000	93.91	7.26	101.17	54.00	47.17	AVG	No Limit
4	2425.3000	103.87	7.25	111.12	74.00	37.12	Peak	No Limit

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

Test Mode:	TX AX-40M Mode 2422 MHz

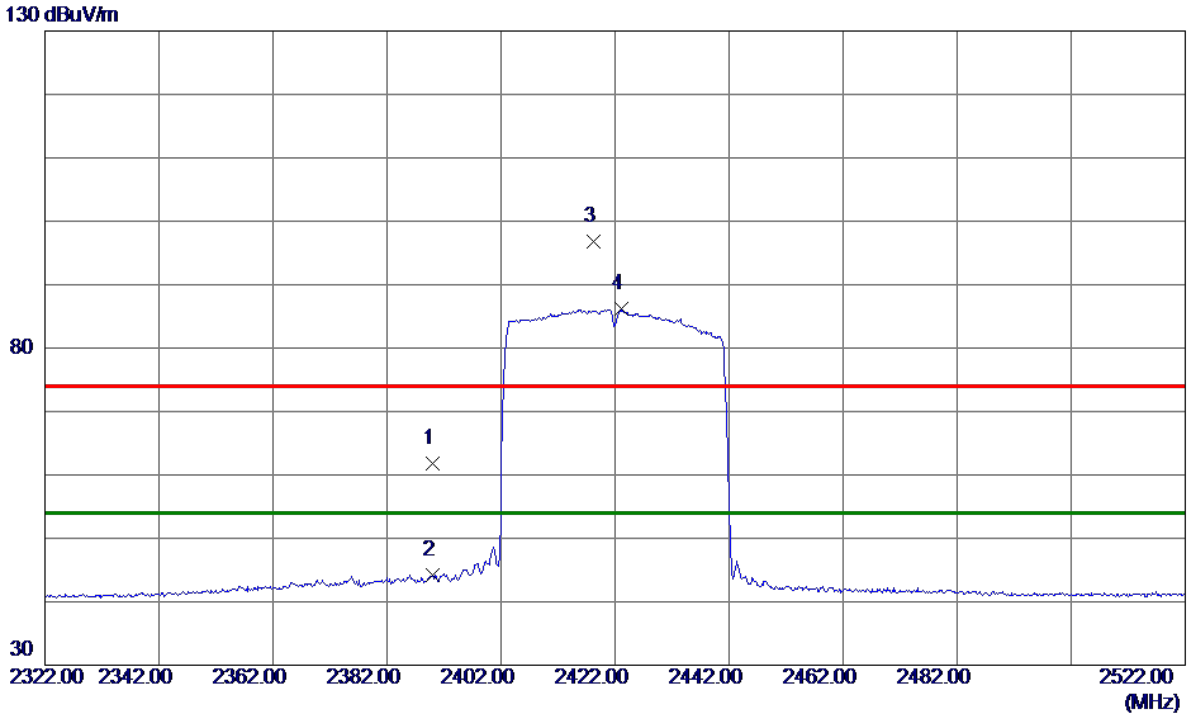
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.3560	43.69	4.50	48.19	74.00	-25.81	Peak	
2 *	4844.4260	31.44	4.50	35.94	54.00	-18.06	AVG	

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

Test Mode:	TX AX-40M Mode 2422 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	54.50	7.26	61.76	74.00	-12.24	Peak	
2	2390.0000	36.85	7.26	44.11	54.00	-9.89	AVG	
3	2418.2000	89.52	7.26	96.78	74.00	22.78	Peak	No Limit
4 *	2423.1000	79.03	7.26	86.29	54.00	32.29	AVG	No Limit

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

Test Mode:	TX AX-40M Mode 2422 MHz

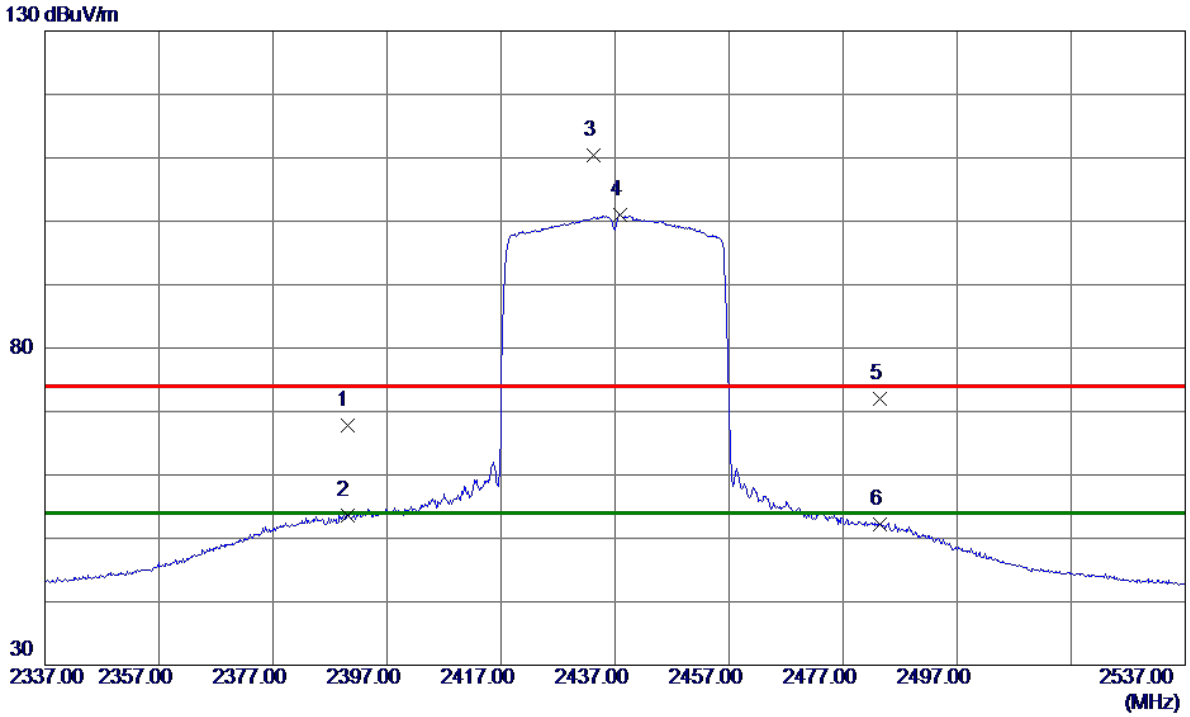
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4843.9570	28.21	4.50	32.71	54.00	-21.29	AVG	
2	4844.0540	39.22	4.50	43.72	74.00	-30.28	Peak	

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

Test Mode:	TX AX-40M 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	60.51	7.26	67.77	74.00	-6.23	Peak	
2	2390.0000	46.32	7.26	53.58	54.00	-0.42	AVG	
3	2433.2000	103.24	7.25	110.49	74.00	36.49	Peak	No Limit
4 *	2437.8000	93.75	7.25	101.00	54.00	47.00	AVG	No Limit
5	2483.5000	64.67	7.25	71.92	74.00	-2.08	Peak	
6	2483.5000	44.94	7.25	52.19	54.00	-1.81	AVG	

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

Test Mode:	TX AX-40M Mode 2437 MHz

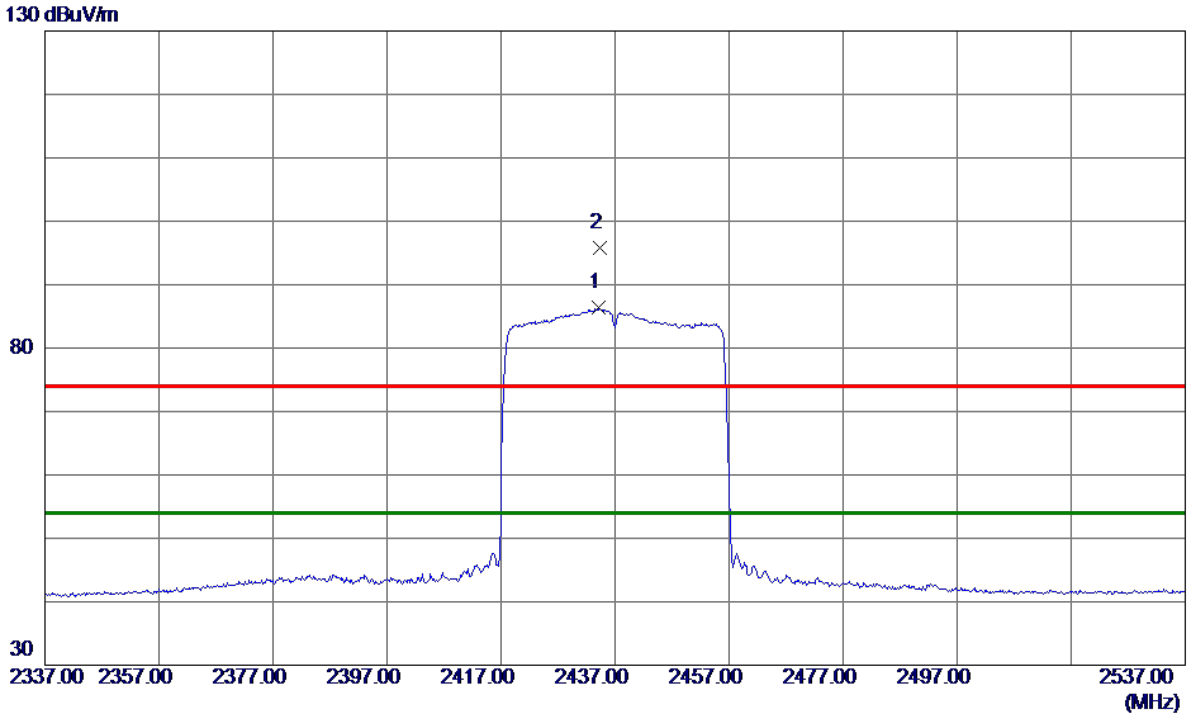
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.6200	43.81	4.58	48.39	74.00	-25.61	Peak	
2 *	4873.6990	30.95	4.58	35.53	54.00	-18.47	AVG	

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

Test Mode:	TX AX-40M 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 *	2434.2000	79.11	7.25	86.36	54.00	32.36	AVG	No Limit
2	2434.4000	88.47	7.25	95.72	74.00	21.72	Peak	No Limit

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

Test Mode:	TX AX-40M Mode 2437 MHz

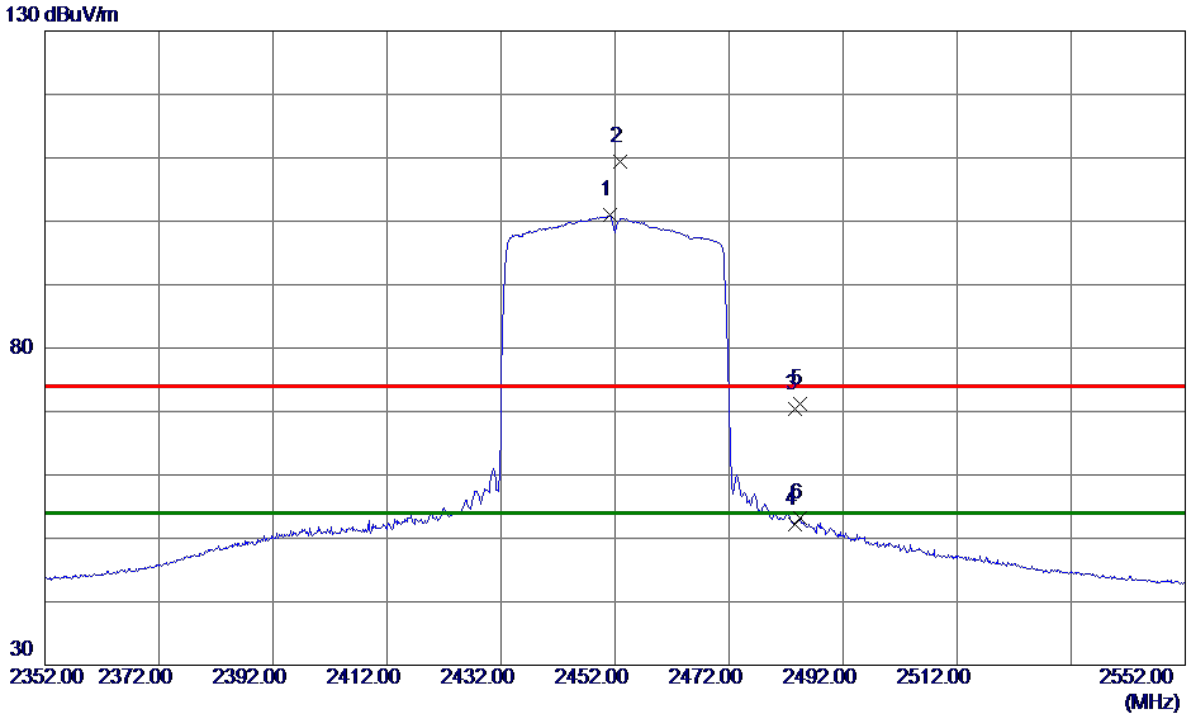
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.0450	40.09	4.58	44.67	74.00	-29.33	Peak	
2 *	4874.0600	28.41	4.58	32.99	54.00	-21.01	AVG	

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

Test Mode:	TX AX-40M Mode 2452 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2451.2000	93.69	7.25	100.94	54.00	46.94	AVG	No Limit
2	2452.9000	102.17	7.25	109.42	74.00	35.42	Peak	No Limit
3	2483.5000	63.12	7.25	70.37	74.00	-3.63	Peak	
4	2483.5000	45.04	7.25	52.29	54.00	-1.71	AVG	
5	2484.4000	63.98	7.25	71.23	74.00	-2.77	Peak	
6	2484.4000	45.94	7.25	53.19	74.00	-20.81	Peak	

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

Test Mode:	TX AX-40M Mode 2452 MHz

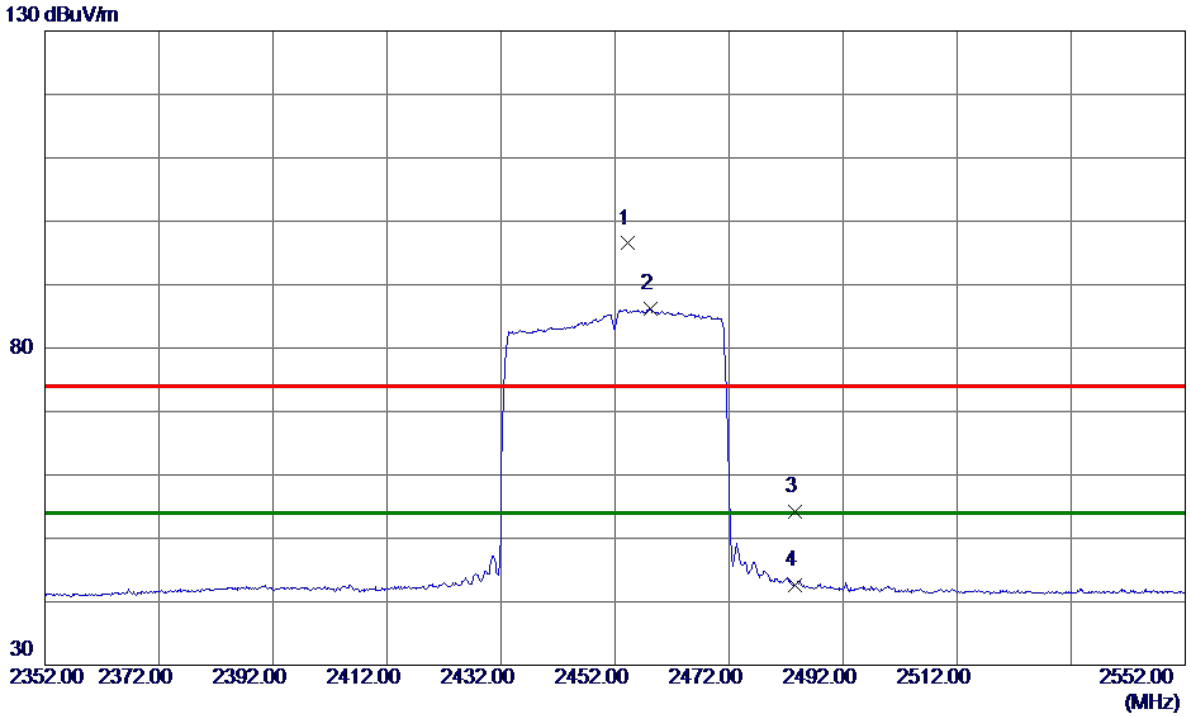
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4903.3490	32.01	4.66	36.67	54.00	-17.33	AVG	
2	4904.0880	44.30	4.66	48.96	74.00	-25.04	Peak	

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

Test Mode:	TX AX-40M Mode 2452 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2454.3000	89.25	7.25	96.50	74.00	22.50	Peak	No Limit
2 *	2458.2000	79.03	7.25	86.28	54.00	32.28	AVG	No Limit
3	2483.5000	46.90	7.25	54.15	74.00	-19.85	Peak	
4	2483.5000	35.30	7.25	42.55	54.00	-11.45	AVG	

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

Test Mode:	TX AX-40M Mode 2452 MHz

Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.6269	39.18	4.67	43.85	74.00	-30.15	Peak	
2 *	4904.9030	28.03	4.67	32.70	54.00	-21.30	AVG	

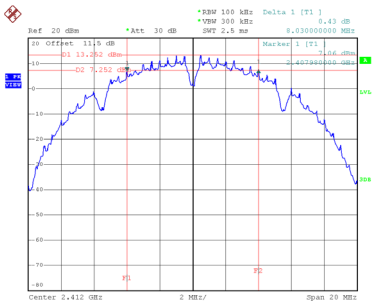
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

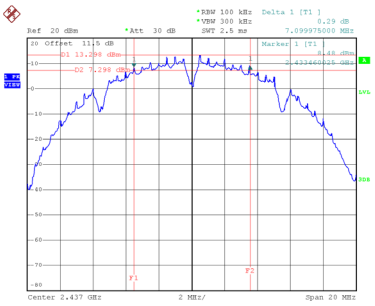
Test Mode	TX B Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	8.03	500	Complies
06	2437	7.10	500	Complies
11	2462	7.13	500	Complies

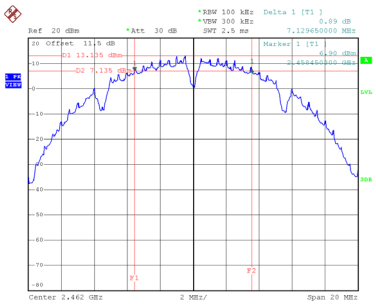
CH01



CH06

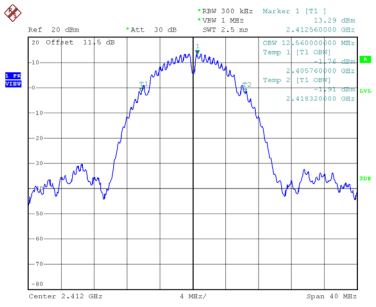


CH11

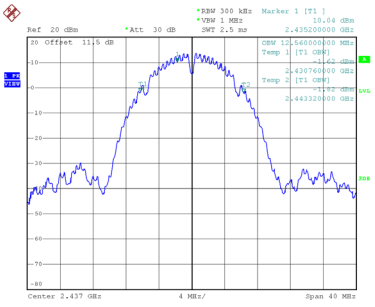


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	12.56	Complies
06	2437	12.56	Complies
11	2462	12.56	Complies

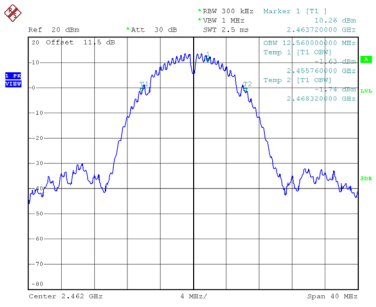
CH01



CH06



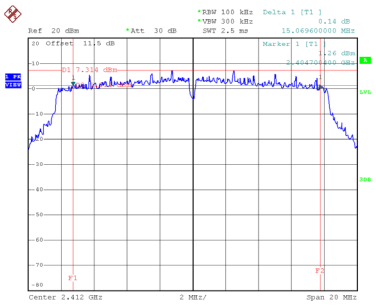
CH11



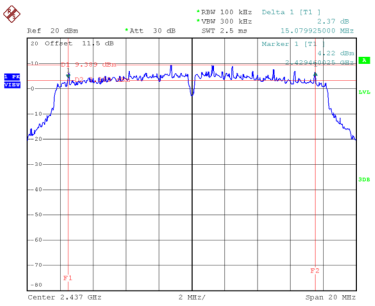
Test Mode	TX G Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	15.07	500	Complies
06	2437	15.08	500	Complies
11	2462	15.16	500	Complies

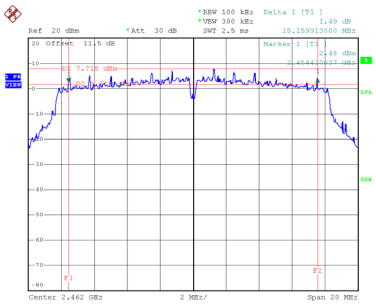
CH01



CH06

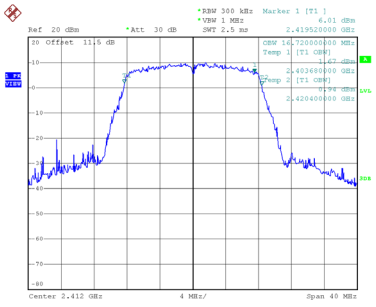


CH11

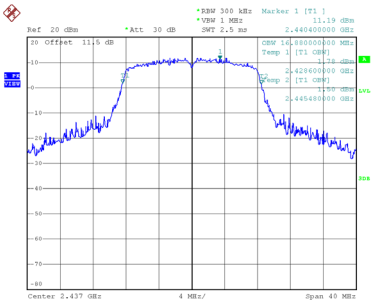


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	16.72	Complies
06	2437	16.88	Complies
11	2462	16.80	Complies

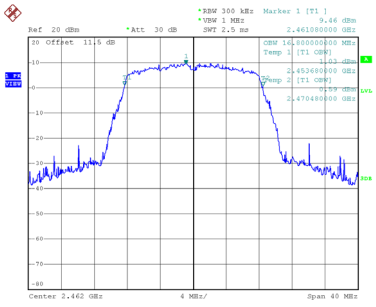
CH01



CH06



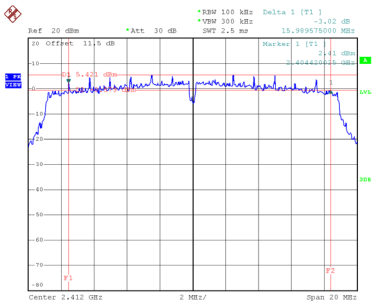
CH11



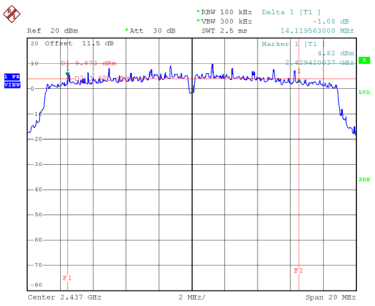
Test Mode	TX N-20M Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	15.99	500	Complies
06	2437	14.12	500	Complies
11	2462	15.11	500	Complies

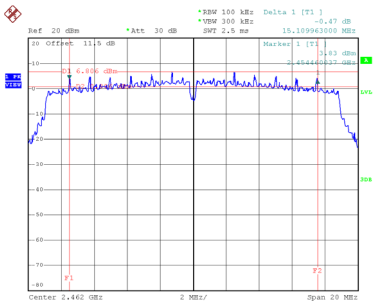
CH01



CH06

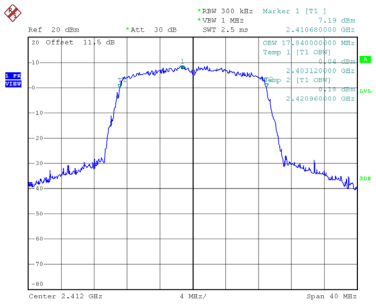


CH11

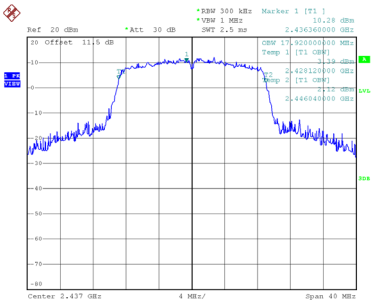


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	17.84	Complies
06	2437	17.92	Complies
11	2462	17.76	Complies

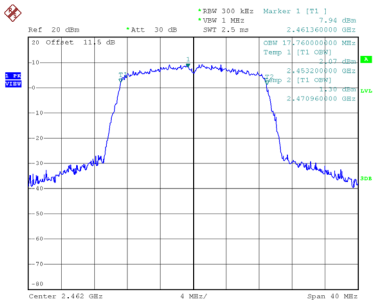
CH01



CH06



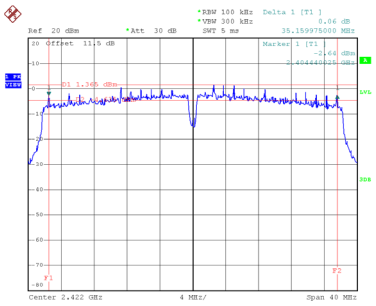
CH11



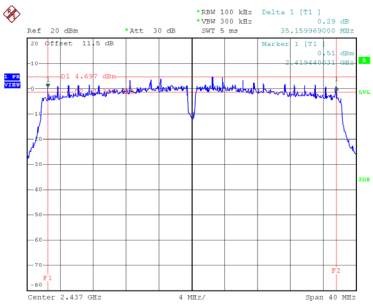
Test Mode	TX N-40M Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
03	2422	35.16	500	Complies
06	2437	35.16	500	Complies
09	2452	35.20	500	Complies

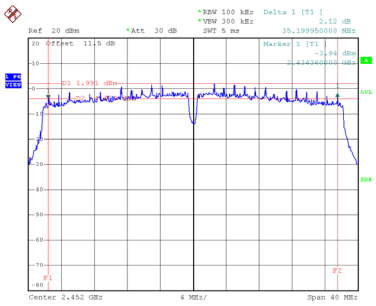
CH03



CH06

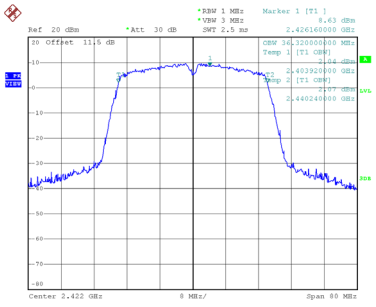


CH09

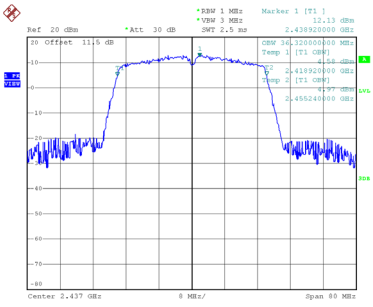


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
03	2422	36.32	Complies
06	2437	36.32	Complies
09	2452	36.48	Complies

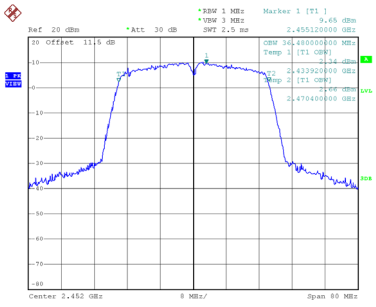
CH03



CH06



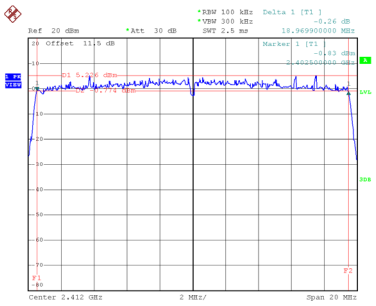
CH09



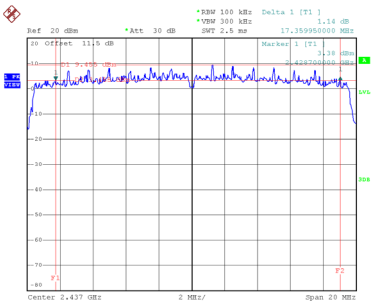
Test Mode	TX AX-20M Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	18.97	500	Complies
06	2437	17.36	500	Complies
11	2462	18.36	500	Complies

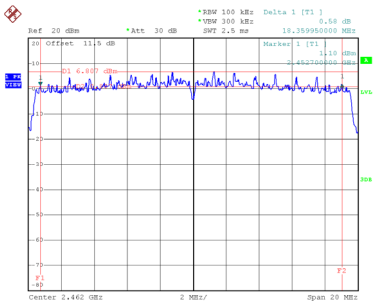
CH01



CH06

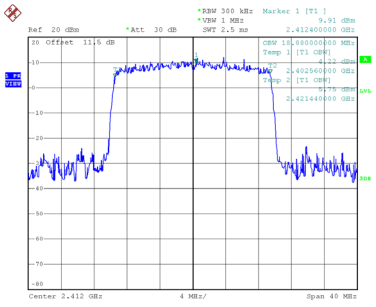


CH11

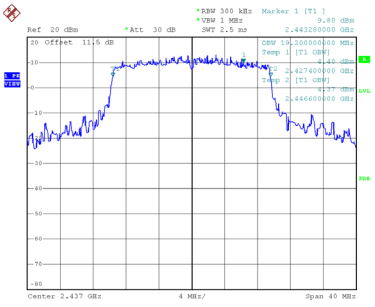


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	18.88	Complies
06	2437	19.20	Complies
11	2462	19.12	Complies

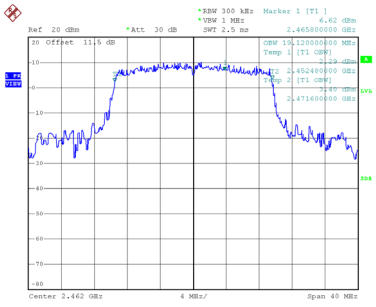
CH01



CH06



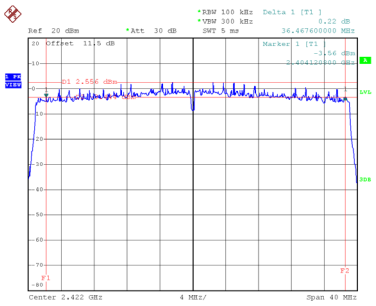
CH11



Test Mode	TX AX-40M Mode

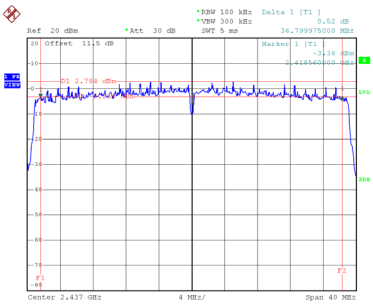
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
03	2422	36.47	500	Complies
06	2437	36.80	500	Complies
09	2452	36.76	500	Complies

CH03



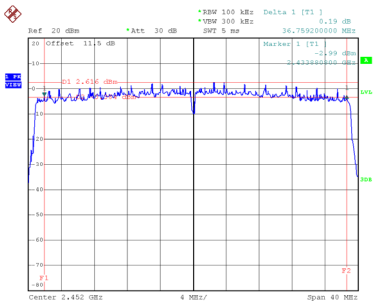
Date: 26.NOV.2020 10:10:54

CH06



Date: 26.NOV.2020 10:12:39

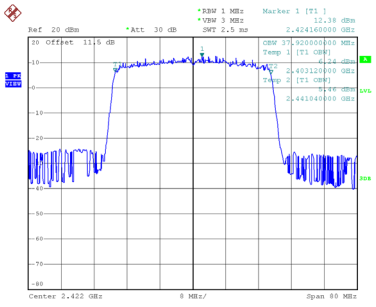
CH09



Date: 26.NOV.2020 10:16:42

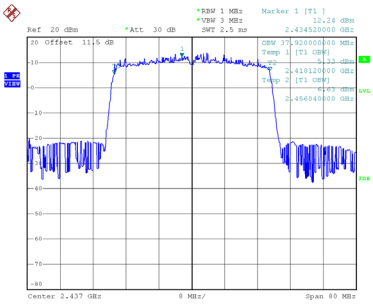
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
03	2422	37.92	Complies
06	2437	37.92	Complies
09	2452	37.92	Complies

CH03



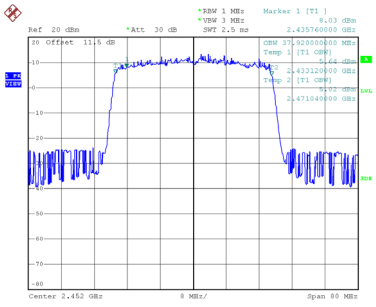
Date: 26.NOV.2020 10:11:01

CH06



Date: 26.NOV.2020 10:12:46

CH09



Date: 26.NOV.2020 10:16:50

APPENDIX F - MAXIMUM OUTPUT POWER

Non Beamforming

Test Mode	TX B Mode

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.91	0.11	23.02	30.00	1.0000	Complies
06	2437	22.95	0.11	23.06	30.00	1.0000	Complies
11	2462	22.08	0.11	22.19	30.00	1.0000	Complies

Test Mode	TX G Mode

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.72	0.77	19.49	30.00	1.0000	Complies
06	2437	21.14	0.77	21.91	30.00	1.0000	Complies
11	2462	18.51	0.77	19.28	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.53	0.84	18.37	30.00	1.0000	Complies
06	2437	21.17	0.84	22.01	30.00	1.0000	Complies
11	2462	17.22	0.84	18.06	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.95	0.84	18.79	30.00	1.0000	Complies
06	2437	20.38	0.84	21.22	30.00	1.0000	Complies
11	2462	18.32	0.84	19.16	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.60	30.00	1.0000	Complies
06	2437	24.64	30.00	1.0000	Complies
11	2462	21.66	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.65	0.63	15.28	30.00	1.0000	Complies
06	2437	17.94	0.63	18.57	30.00	1.0000	Complies
09	2452	15.85	0.63	16.48	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.26	0.63	15.89	30.00	1.0000	Complies
06	2437	18.43	0.63	19.06	30.00	1.0000	Complies
09	2452	16.23	0.63	16.86	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.61	30.00	1.0000	Complies
06	2437	21.83	30.00	1.0000	Complies
09	2452	19.68	30.00	1.0000	Complies

Test Mode	TX AX-20M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.65	0.64	18.29	30.00	1.0000	Complies
06	2437	21.21	0.64	21.85	30.00	1.0000	Complies
11	2462	19.05	0.64	19.69	30.00	1.0000	Complies

Test Mode	TX AX-20M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.89	0.64	18.53	30.00	1.0000	Complies
06	2437	20.39	0.64	21.03	30.00	1.0000	Complies
11	2462	18.71	0.64	19.35	30.00	1.0000	Complies

Test Mode	TX AX-20M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.42	30.00	1.0000	Complies
06	2437	24.47	30.00	1.0000	Complies
11	2462	22.53	30.00	1.0000	Complies

Test Mode	TX AX-40M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.33	1.34	17.67	30.00	1.0000	Complies
06	2437	16.94	1.34	18.28	30.00	1.0000	Complies
09	2452	16.25	1.34	17.59	30.00	1.0000	Complies

Test Mode	TX AX-40M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.75	1.34	18.09	30.00	1.0000	Complies
06	2437	17.26	1.34	18.60	30.00	1.0000	Complies
09	2452	16.86	1.34	18.20	30.00	1.0000	Complies

Test Mode	TX AX-40M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.90	30.00	1.0000	Complies
06	2437	21.46	30.00	1.0000	Complies
09	2452	20.92	30.00	1.0000	Complies

Beamforming

Test Mode	TX N-20M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.35	0.84	18.19	30.00	1.0000	Complies
06	2437	20.69	0.84	21.53	30.00	1.0000	Complies
11	2462	17.10	0.84	17.94	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.84	0.84	18.68	30.00	1.0000	Complies
06	2437	20.26	0.84	21.10	30.00	1.0000	Complies
11	2462	17.86	0.84	18.70	30.00	1.0000	Complies

Test Mode	TX N-20M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.45	30.00	1.0000	Complies
06	2437	24.33	30.00	1.0000	Complies
11	2462	21.35	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.48	0.63	15.11	30.00	1.0000	Complies
06	2437	17.78	0.63	18.41	30.00	1.0000	Complies
09	2452	15.48	0.63	16.11	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Average Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	14.97	0.63	15.60	30.00	1.0000	Complies
06	2437	18.28	0.63	18.91	30.00	1.0000	Complies
09	2452	16.06	0.63	16.69	30.00	1.0000	Complies

Test Mode	TX N-40M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	18.37	30.00	1.0000	Complies
06	2437	21.68	30.00	1.0000	Complies
09	2452	19.42	30.00	1.0000	Complies

Test Mode	TX AX-20M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.20	0.64	17.84	30.00	1.0000	Complies
06	2437	20.88	0.64	21.52	30.00	1.0000	Complies
11	2462	18.83	0.64	19.47	30.00	1.0000	Complies

Test Mode	TX AX-20M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.51	0.64	18.15	30.00	1.0000	Complies
06	2437	20.24	0.64	20.88	30.00	1.0000	Complies
11	2462	18.47	0.64	19.11	30.00	1.0000	Complies

Test Mode	TX AX-20M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.01	30.00	1.0000	Complies
06	2437	24.22	30.00	1.0000	Complies
11	2462	22.30	30.00	1.0000	Complies

Test Mode	TX AX-40M Mode_Ant. 1

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	15.90	1.34	17.24	30.00	1.0000	Complies
06	2437	16.74	1.34	18.08	30.00	1.0000	Complies
09	2452	16.15	1.34	17.49	30.00	1.0000	Complies

Test Mode	TX AX-40M Mode_Ant. 2

Channel	Frequency (MHz)	Average Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.35	1.34	17.69	30.00	1.0000	Complies
06	2437	17.06	1.34	18.40	30.00	1.0000	Complies
09	2452	16.41	1.34	17.75	30.00	1.0000	Complies

Test Mode	TX AX-40M Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	20.49	30.00	1.0000	Complies
06	2437	21.26	30.00	1.0000	Complies
09	2452	20.64	30.00	1.0000	Complies

APPENDIX G - CONDUCTED SPURIOUS EMISSIONS