FCC Radio Test Report

FCC ID: 2AVUGAP8220

This report concerns: Original Grant

Project No.	:	2005C033
Equipment	:	Wireless LAN Access Point
Brand Name	:	Alibaba Cloud
Test Model	:	AP8220
Series Model	:	N/A
Applicant	:	Alibaba Cloud Commputing Co.,Ltd
Address	:	Building 8, No.16, Zhuan Tang Jing Ji Qu Kuai, Xihu District, Hangzhou, Zhejiang, China
Manufacturer	:	Alibaba Cloud Commputing Co.,Ltd
Address	:	Building 8, No.16, Zhuan Tang Jing Ji Qu Kuai, Xihu District, Hangzhou, Zhejiang, China
Factory	:	Joy Technology (ShenZhen) Corporation
Address	:	HengKeng Ind., Shangpai, Shangwu,Aiqun Rd., Shiyan Town,Shenzhen 518108 China
Date of Receipt	:	May 11, 2020
Date of Test	:	May 13, 2020 ~ Jul. 25, 2020
Issued Date	:	Aug. 13, 2020
Report Version	:	R01
Test Sample	:	Engineering Sample No.: DG202005125 for conducted, DG202005128 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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Certificate #5123.02

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Declaration

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Limitation

For the use of the authority's logo is limited unless the Test Standard(s)/Scope(s)/Item(s) mentioned in this test report is (are) included in the conformity assessment authorities acceptance respective.
Please note that the measurement uncertainty is provided for informational purpose only and are not use in determining the Pass/Fail results.

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REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Aug. 06, 2020
R01	Added the description in section 2.1 note (3).	Aug. 13, 2020

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

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

Note:

(1) “N/A” denotes test is not applicable in this test report.

(2) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.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	2.60

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	V	3.79
		9kHz ~ 30MHz	H	3.57
		30MHz ~ 200MHz	V	4.88
		30MHz ~ 200MHz	H	4.14
		200MHz ~ 1,000MHz	V	4.62
		200MHz ~ 1,000MHz	H	4.80
		1GHz ~ 6GHz	-	4.58
		6GHz ~ 18GHz	-	5.18
		18GHz ~ 26.5GHz	-	3.62
		26.5GHz ~ 40GHz	-	4.00

C. Other Measurement:

Parameter	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
Time	±0.58 %
Supply voltages	±0.3 %

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	55%	AC 120V/60Hz AC 240V/50Hz	Sheldon Ou
Radiated Emissions-9K-30MHz	25°C	60%	AC 120V/60Hz	Sheldon Ou
Radiated Emissions-30 MHz to 1GHz	22°C	54%	AC 120V/60Hz	Sheldon Ou
Radiated Emissions-Above 1000 MHz	24°C	60%	AC 120V/60Hz	Sheldon Ou
Bandwidth	25°C	49%	DC 12V	Hayden Chen
Maximum output power	25°C	49%	DC 12V	Laughing Zhang
Conducted Spurious Emissions	25°C	49%	DC 12V	Hayden Chen
Power Spectral Density	25°C	49%	DC 12V	Hayden Chen

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	Wireless LAN Access Point
Brand Name	Alibaba Cloud
Test Model	AP8220
Series Model	N/A
Model Difference(s)	N/A
Power Source	1# Supplied from PoE (Support Unit). 2# DC voltage supplied from AC adapter (Support Unit).
Power Rating	1# I/P: PoE 48V ⎓ , 0.7A 2# DC 12V, 3A
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	IEEE 802.11b: 22.67 dBm (0.1849 W) IEEE 802.11g: 22.48 dBm (0.1770 W) IEEE 802.11n (HT20): 22.34 dBm (0.1714 W) IEEE 802.11n (HT40): 22.42 dBm (0.1746 W) IEEE 802.11ax (HEW20): 22.50 dBm (0.1778 W) IEEE 802.11ax (HEW40): 22.44 dBm (0.1754 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 (HEW40) CH03 - CH09 for IEEE 802.11n (HT40), IEEE 802.11ax (HEW40)							
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:

Operating Mode	Resource Unit	242 Tone(20M)
IEEE 802.11ax(HEW20)	Specific Resource Unit	61
IEEE 802.11ax(HEW40)	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. Table for Filed Antenna:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	MAG. LAYERS SCIENTIFIC-TECHNICS CO., LTD	MSA-1313-25GC4-A1-ZF	Internal	N/A	5.43
2	MAG. LAYERS SCIENTIFIC-TECHNICS CO., LTD	MSA-1313-25GC4-A1-ZF	Internal	N/A	5.36

Note:
This EUT supports CDD, and antenna gains are not equal, so Directional gain= $10\log[(10^{G1/20}+10^{G2/20}+...10^{GN/20})^2/N]$dBi=8.41. So the output power limit is 30-(8.41-6)=27.59, the power spectral density limit is 8-(8.41-6)=5.59.

5. Table for Antenna Configuration:

Operating Mode / TX Mode	2TX
802.11b	V (Ant. 1 + Ant. 2)
802.11g	V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT20)	V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT40)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax (HEW20)	V (Ant. 1 + Ant. 2)
IEEE 802.11ax (HEW40)	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 B Mode Channel 01

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 7	TX B Mode Channel 01

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX B Mode Channel 01

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

Conducted test	
Final Test Mode	Description
Mode 1	TX B Mode Channel 01/06/11
Mode 2	TX G Mode Channel 01/06/11
Mode 3	TX N-20 MHz Mode Channel 01/06/11
Mode 4	TX N-40 MHz Mode Channel 03/06/09
Mode 5	TX 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 802.11b Channel 01 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 emissions, the TX Bluetooth LE 1Mbps 2402MHz + WLAN 2.4G AX40 Mode 2452MHz + WLAN 5G A Mode 5320MHz was found the worst case of simultaneous transmission and recorded.

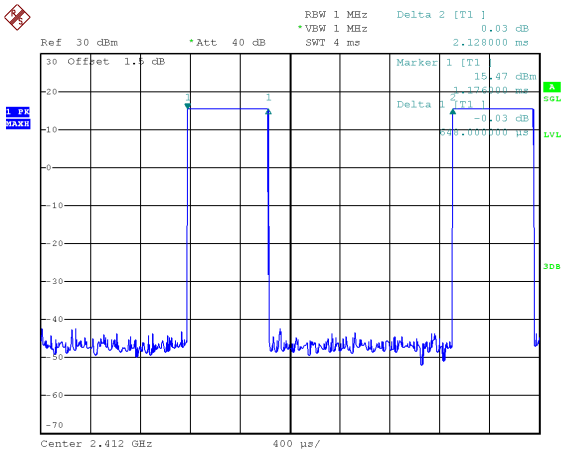
2.3 PARAMETERS OF TEST SOFTWARE

Test Software	QDART		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	15	15	15
IEEE 802.11g	18.5	19	19
IEEE 802.11n (HT20)	18.5	19	19
IEEE 802.11ax (HEW20)	18	18.5	19.5
Frequency (MHz)	2422	2437	2452
IEEE 802.11n (HT40)	18.5	18.5	18
IEEE 802.11ax (HEW40)	17.5	19	18

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.

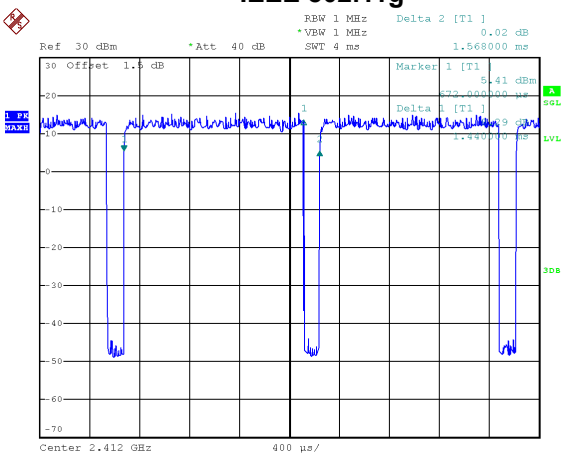
IEEE 802.11b



Date: 18.MAY.2020 19:39:45

Duty cycle = 0.648 ms / 2.128 ms = 30.45%
Duty Factor = 10 log(1/Duty cycle) = 5.16

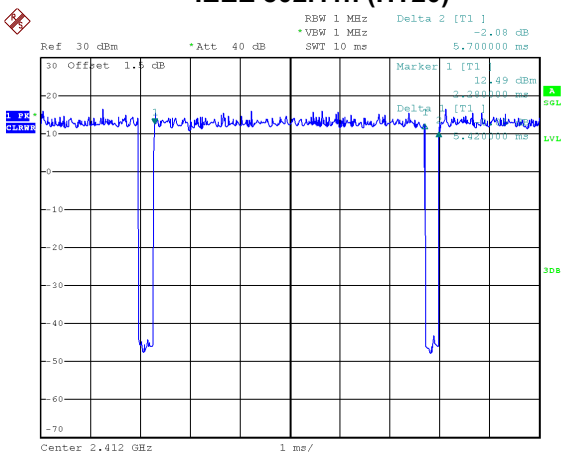
IEEE 802.11g



Date: 18.MAY.2020 19:40:27

Duty cycle = 1.440 ms / 1.568 ms = 91.84%
Duty Factor = 10 log(1/Duty cycle) = 0.37

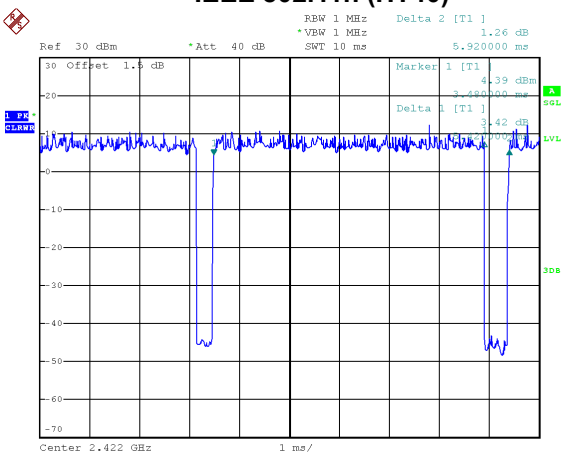
IEEE 802.11n (HT20)



Date: 18.MAY.2020 19:40:59

Duty cycle = 5.420 ms / 5.700 ms = 95.09%
Duty Factor = 10 log(1/Duty cycle) = 0.22

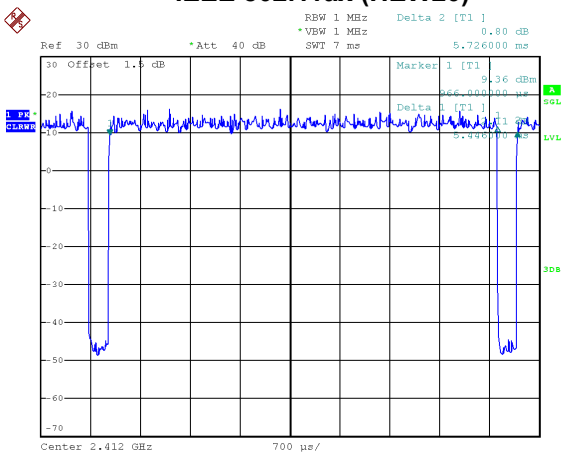
IEEE 802.11n (HT40)



Date: 18.MAY.2020 19:43:07

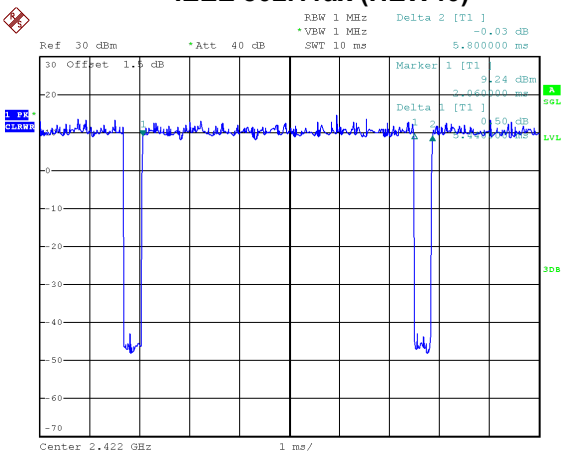
Duty cycle = 5.420 ms / 5.920 ms = 91.55%
Duty Factor = 10 log(1/Duty cycle) = 0.38

IEEE 802.11ax (HEW20)



Duty cycle = 5.446 ms / 5.726 ms = 95.11%
Duty Factor = 10 log(1/Duty cycle) = 0.22

IEEE 802.11ax (HEW40)

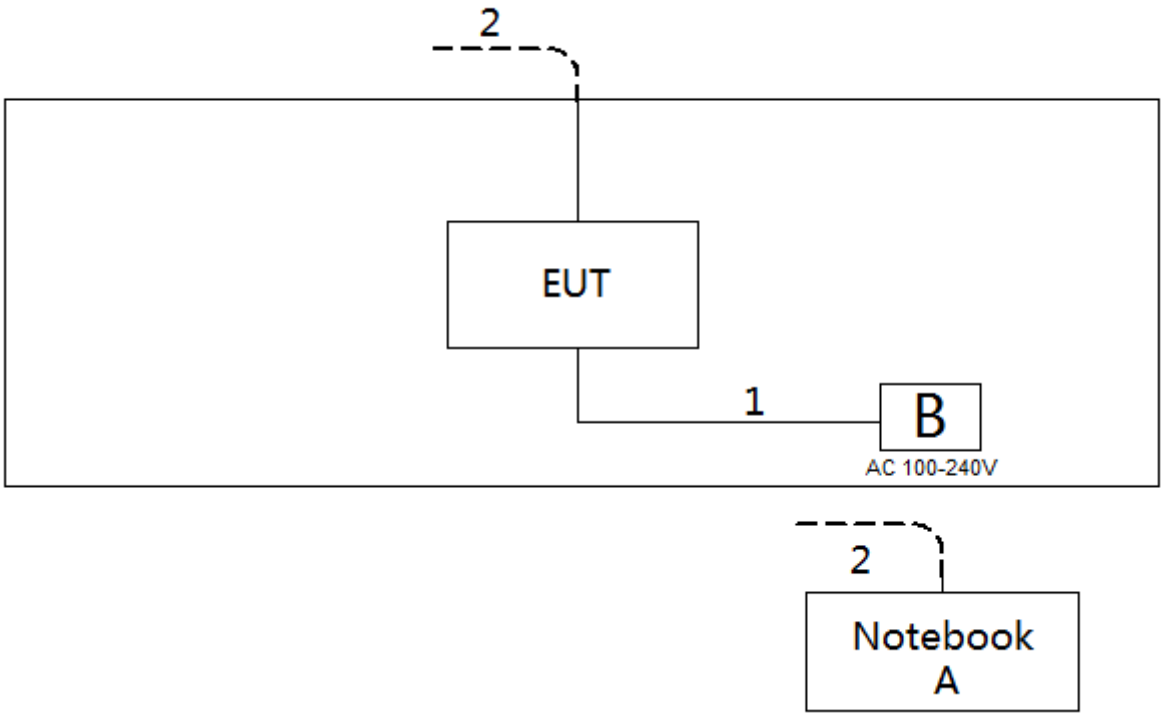


Duty cycle = 5.440 ms / 5.800 ms = 93.79%
Duty Factor = 10 log(1/Duty cycle) = 0.28

NOTE:
For IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20) and IEEE 802.11ax (HEW20):
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 (HEW40):
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
B	Adapter	APD	WA-36N12FU	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

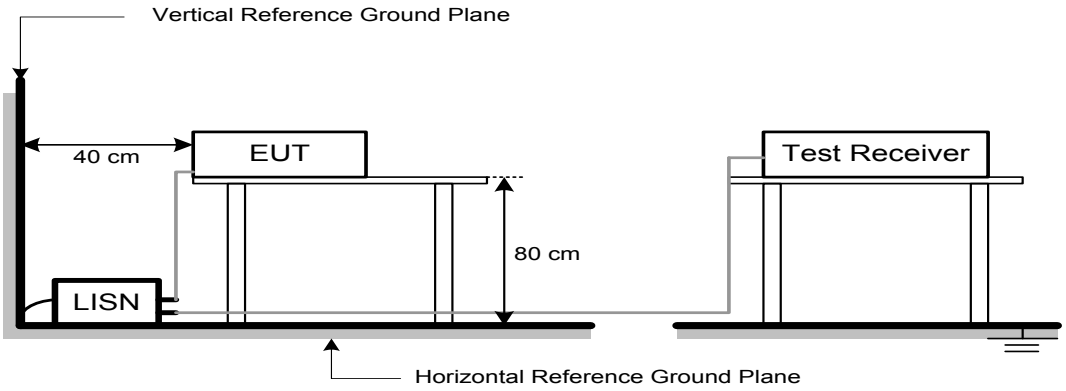
3.2 TEST PROCEDURE

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)

For Bluetooth LE + WLAN 2.4GHz:

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

For WLAN 5GHz:

Frequency (MHz)	EIRP Limit (dBm/MHz)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3

NOTE:
(1) The limit for radiated test was performed according to FCC PART 15C & FCC PART 15E.
(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

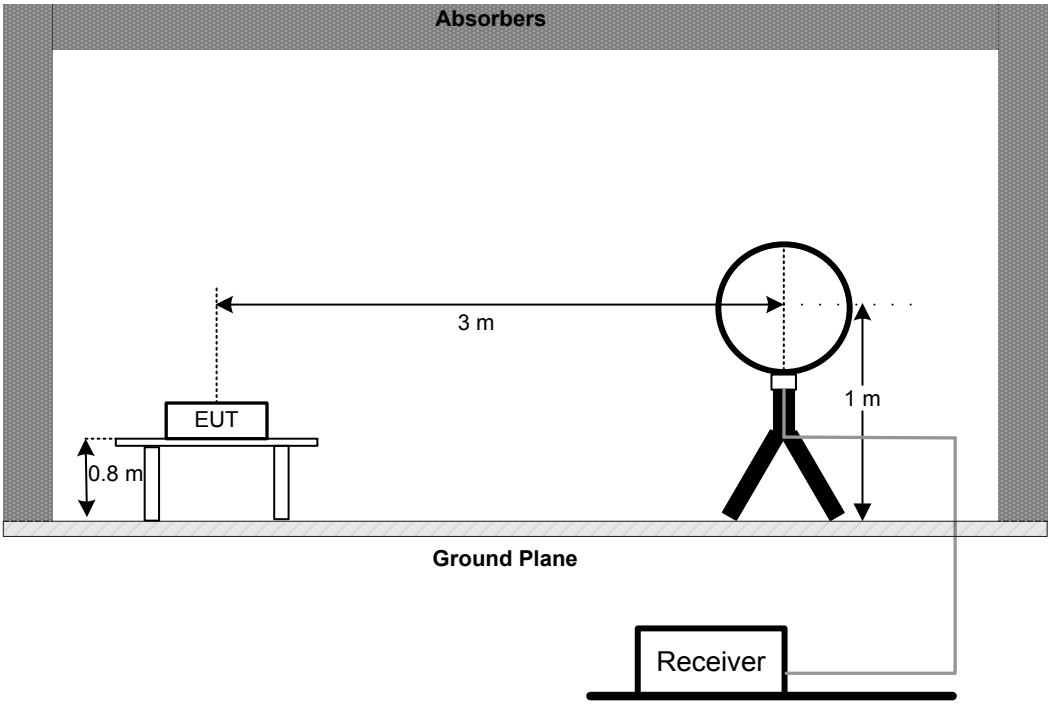
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance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

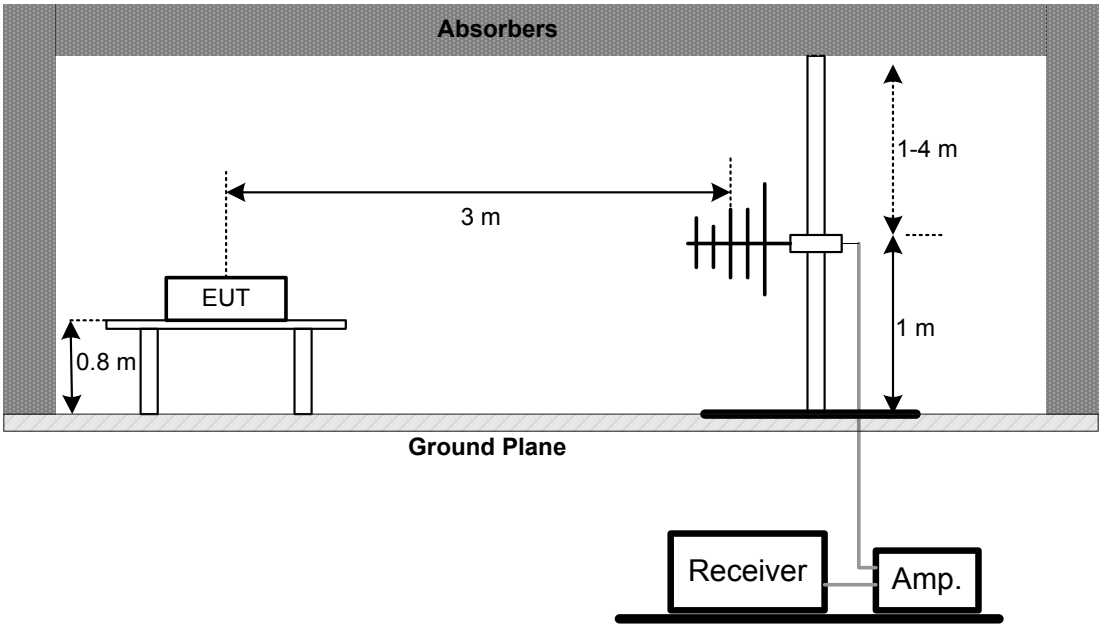
No deviation

4.4 TEST SETUP

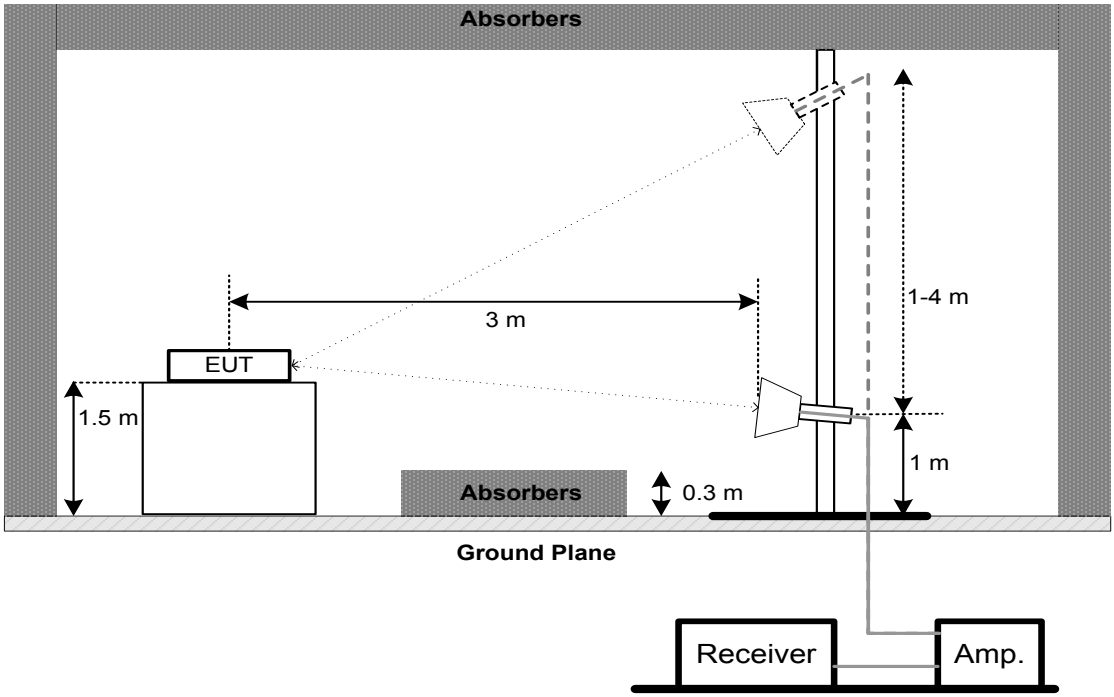
9 kHz-30 MHz



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	-

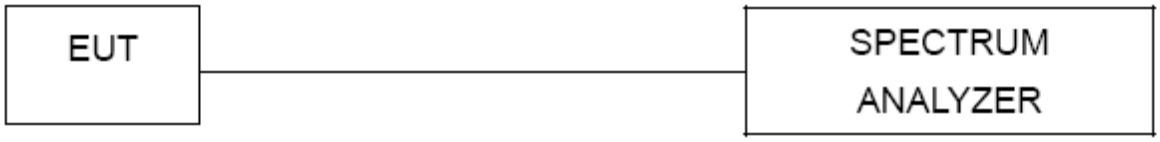
5.2 TEST PROCEDURE

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 and FCC KDB 662911 D01 v02r01 Multiple Transmitter Output.

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.

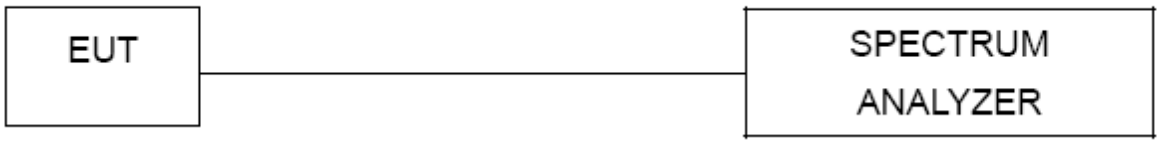
7.2 TEST PROCEDURE

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)

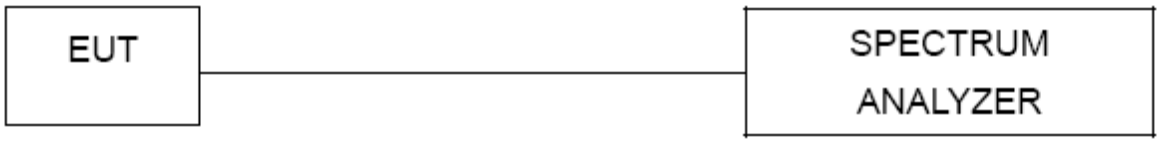
8.2 TEST PROCEDURE

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

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

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	Aug. 03, 2020
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

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	Aug. 03, 2020
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

Bandwidth & Antenna Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Aug. 03, 2020

Maximum Output Power					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	Aug. 03, 2020
2	Wideband power sensor	Keysight	N1923A	MY58310004	Aug. 03, 2020

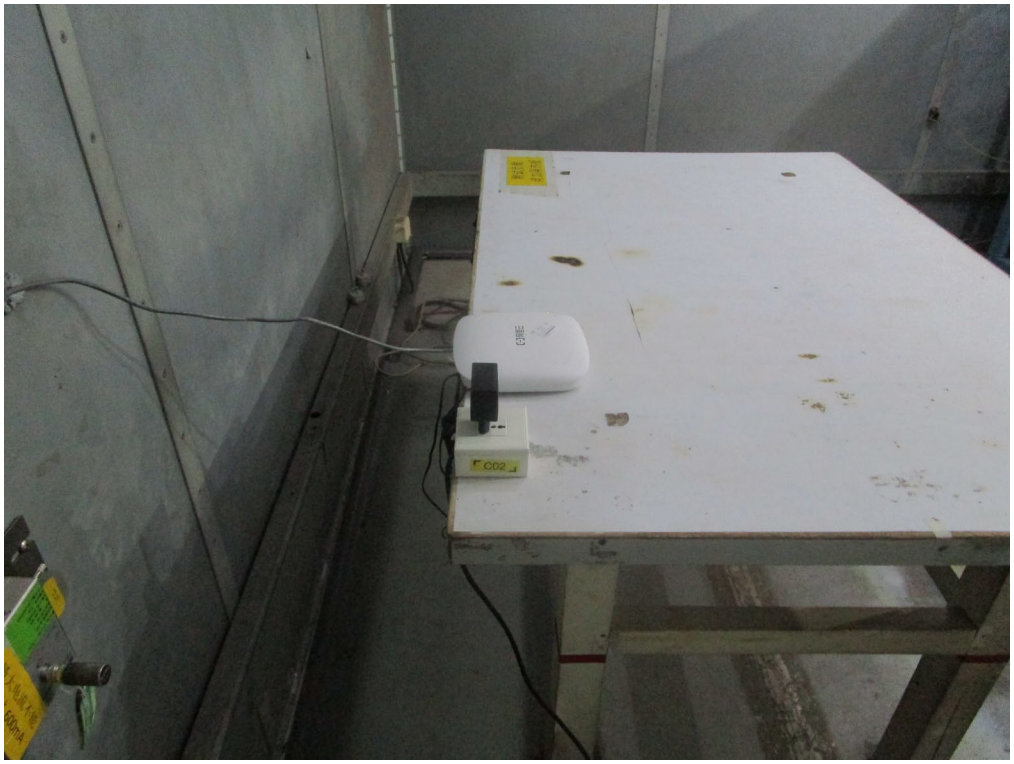
Remark: ”N/A” denotes no model name, serial no. or calibration specified.

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

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

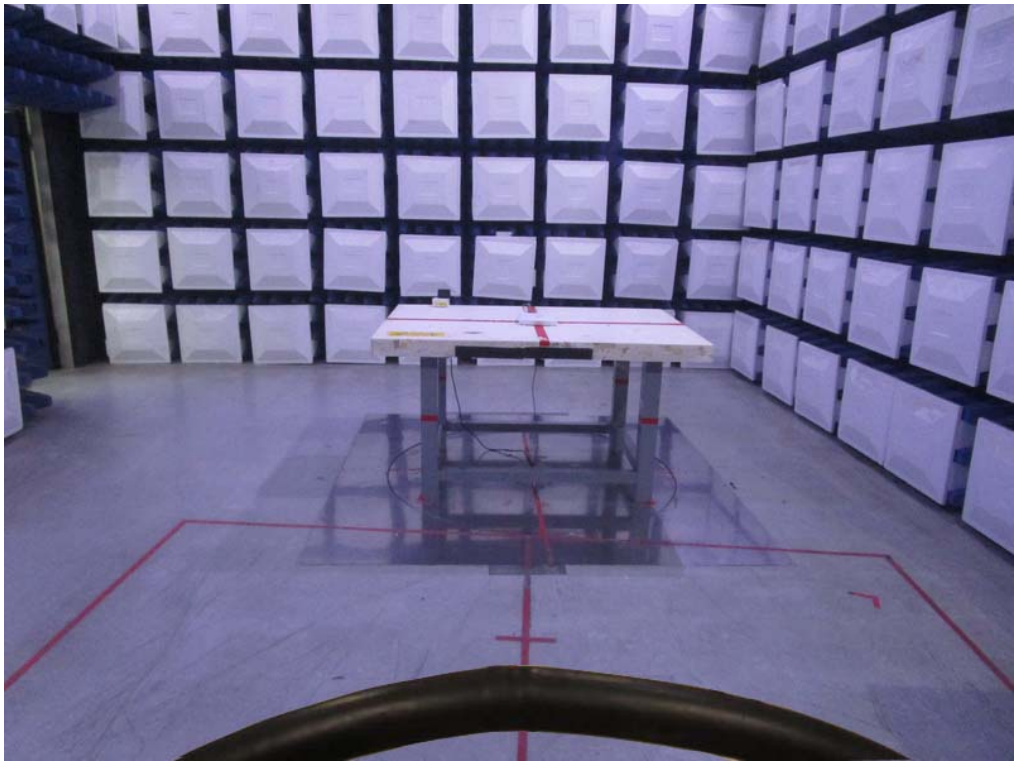
10. EUT TEST PHOTO

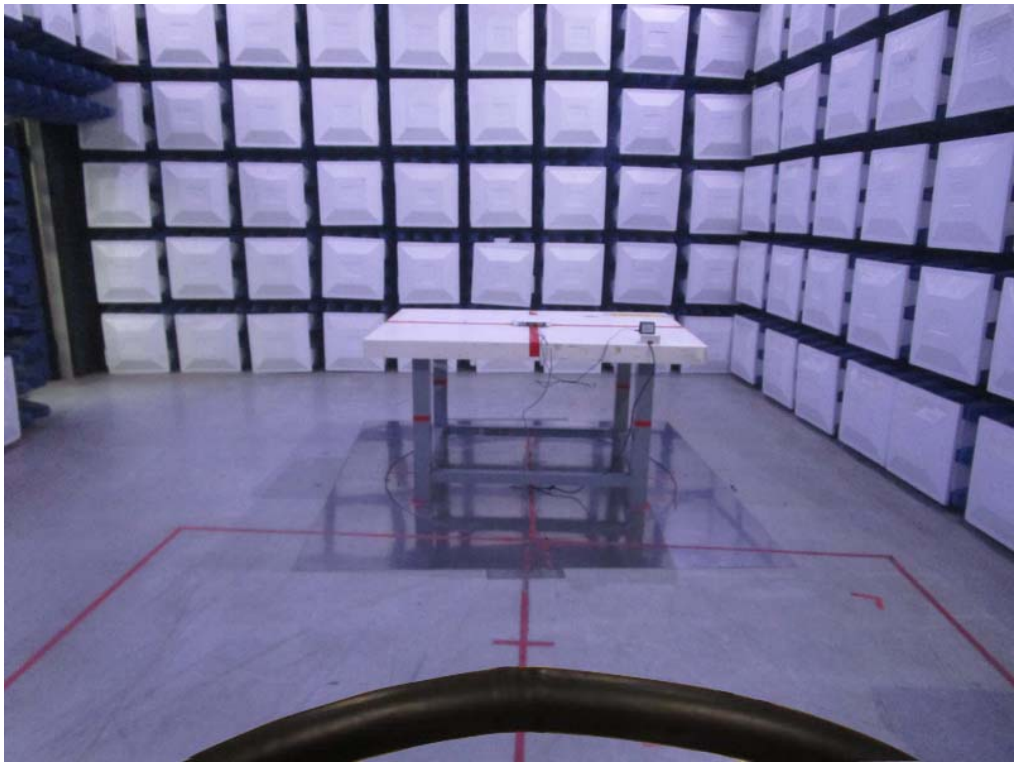
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

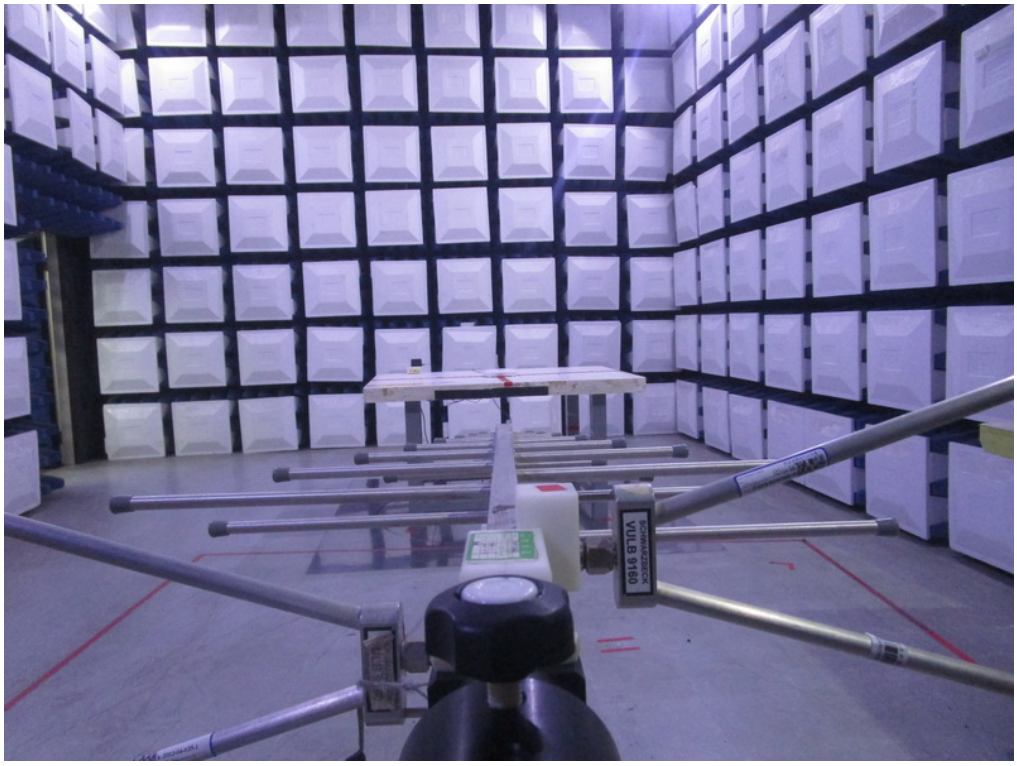
9 kHz to 30 MHz

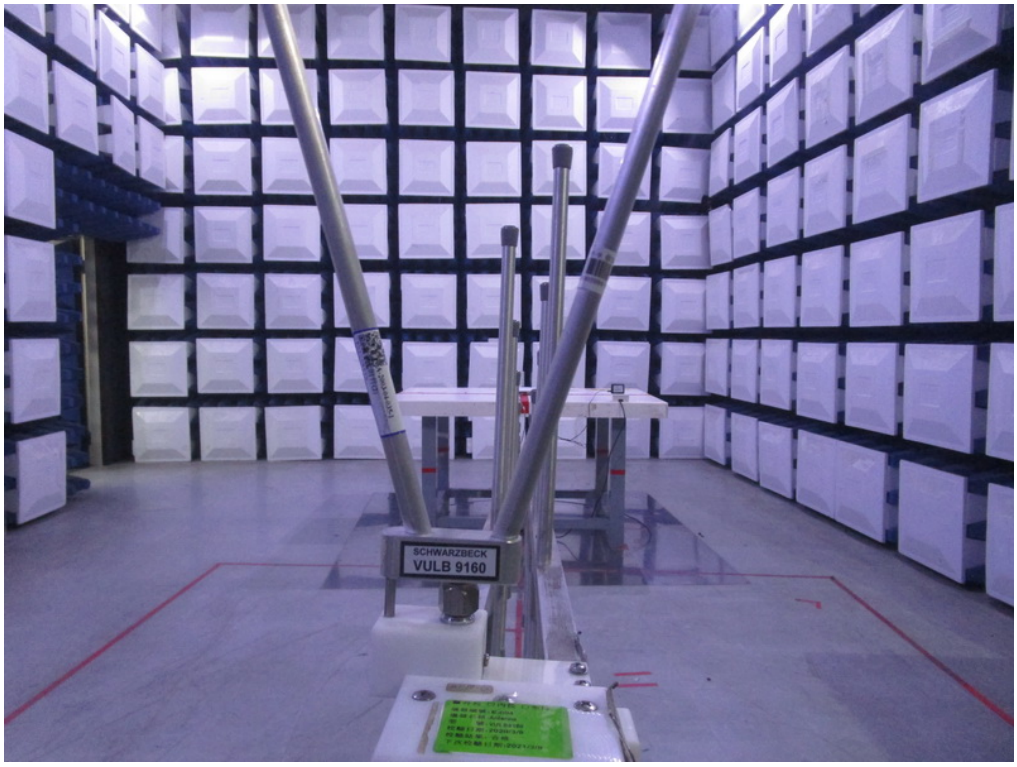




Radiated Emissions Test Photos

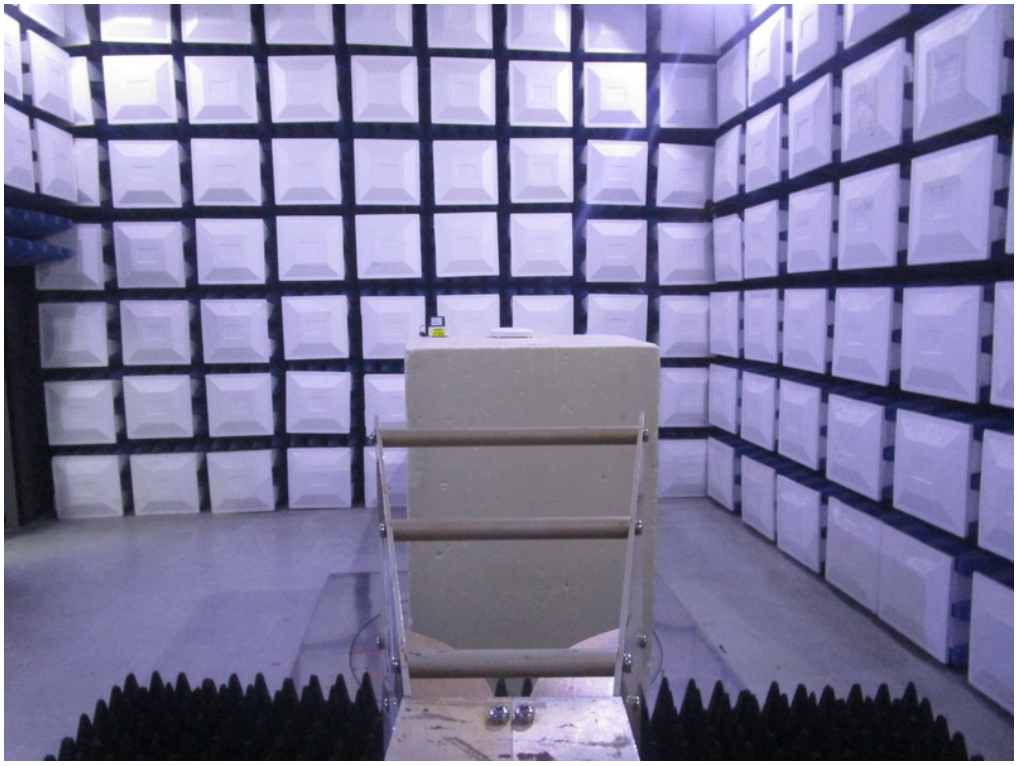
30 MHz to 1 GHz





Radiated Emissions Test Photos

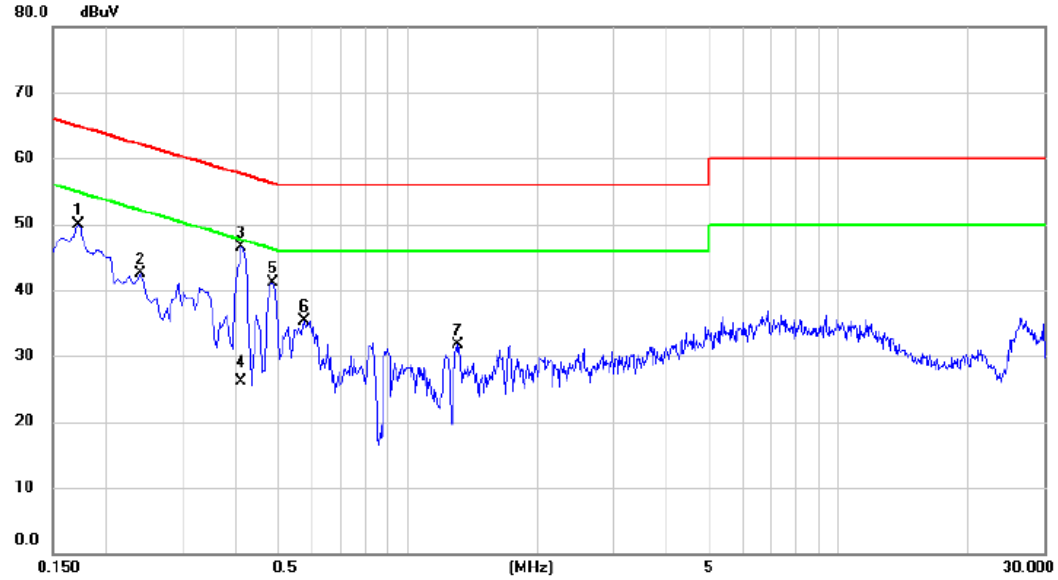
Above 1 GHz



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Voltage:	AC 120V/60Hz
Test Mode:	TX B Mode Channel 01

Line

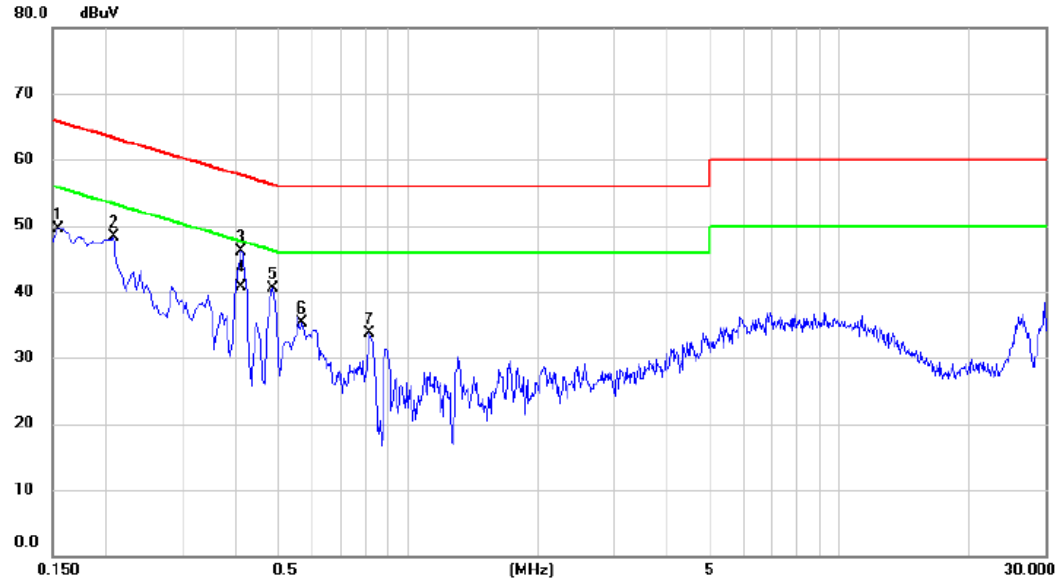


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1725	40.12	9.83	49.95	64.84	-14.89	peak	
2		0.2400	32.69	9.88	42.57	62.10	-19.53	peak	
3	*	0.4110	36.58	9.92	46.50	57.63	-11.13	peak	
4		0.4110	16.27	9.92	26.19	47.63	-21.44	AVG	
5		0.4875	31.22	9.95	41.17	56.21	-15.04	peak	
6		0.5775	25.35	9.96	35.31	56.00	-20.69	peak	
7		1.3110	21.63	10.03	31.66	56.00	-24.34	peak	

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

Test Voltage:	AC 120V/60Hz
Test Mode:	TX B Mode Channel 01

Neutral

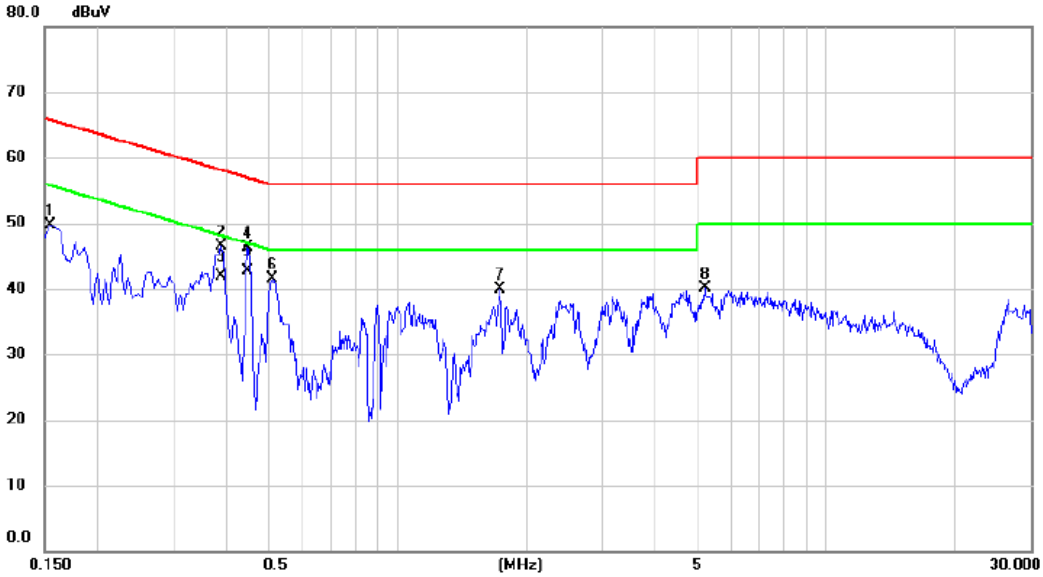


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1548	39.72	9.78	49.50	65.74	-16.24	peak	
2		0.2085	38.28	10.00	48.28	63.26	-14.98	peak	
3		0.4110	36.08	10.09	46.17	57.63	-11.46	peak	
4	*	0.4110	30.67	10.09	40.76	47.63	-6.87	AVG	
5		0.4875	30.32	10.13	40.45	56.21	-15.76	peak	
6		0.5685	25.08	10.18	35.26	56.00	-20.74	peak	
7		0.8160	23.47	10.24	33.71	56.00	-22.29	peak	

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

Test Voltage:	AC 240V/50Hz
Test Mode:	TX B Mode Channel 01

Line

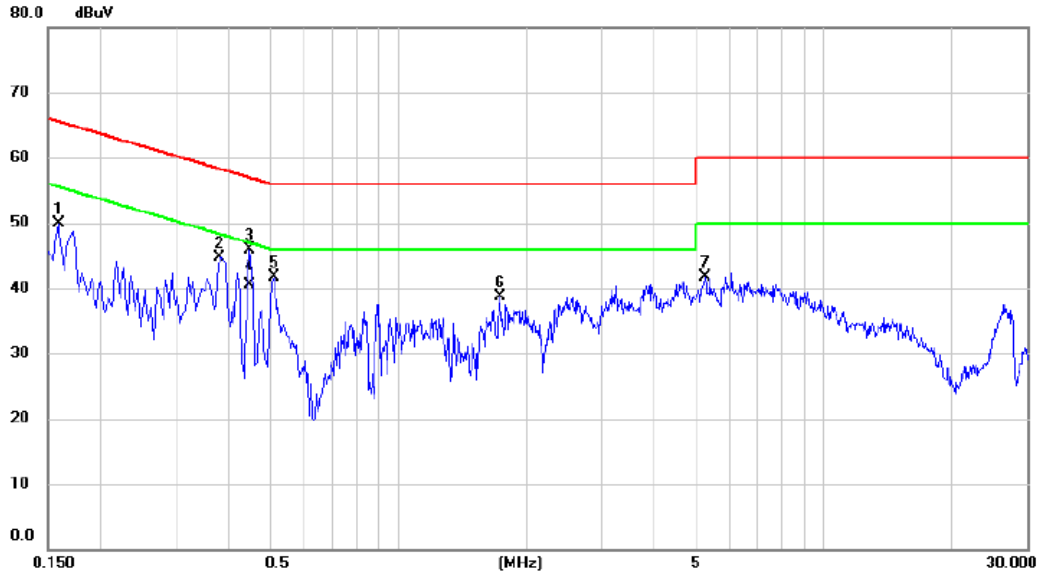


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1545	40.06	9.70	49.76	65.75	-15.99	peak	
2		0.3885	36.66	9.92	46.58	58.10	-11.52	peak	
3		0.3885	32.00	9.92	41.92	48.10	-6.18	AVG	
4		0.4470	36.44	9.93	46.37	56.93	-10.56	peak	
5	*	0.4470	32.70	9.93	42.63	46.93	-4.30	AVG	
6		0.5100	31.57	9.95	41.52	56.00	-14.48	peak	
7		1.7295	29.84	10.06	39.90	56.00	-16.10	peak	
8		5.2035	29.75	10.35	40.10	60.00	-19.90	peak	

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

Test Voltage:	AC 240V/50Hz
Test Mode:	TX B Mode Channel 01

Neutral



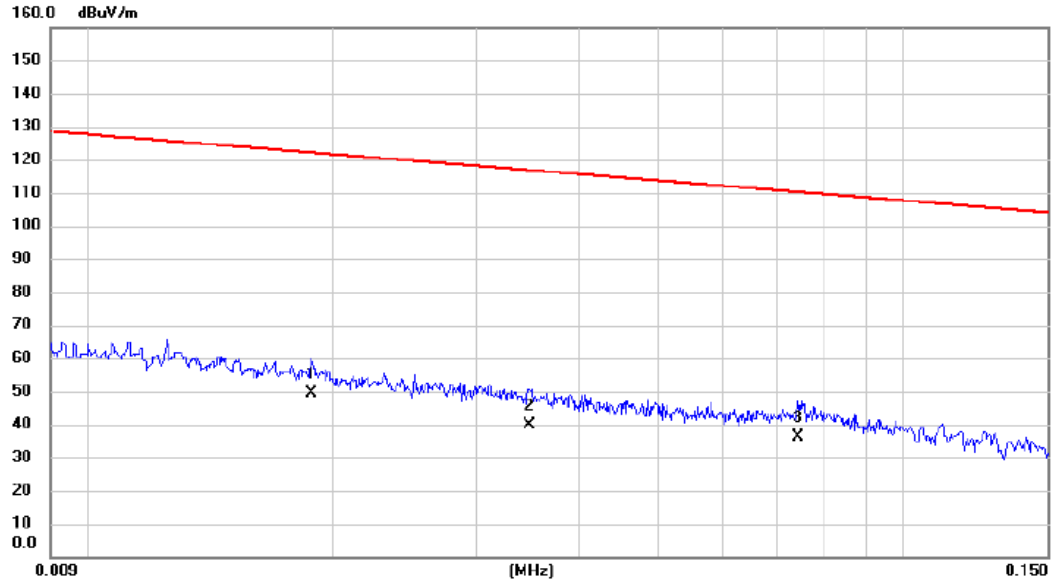
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1590	40.12	9.81	49.93	65.52	-15.59	peak	
2		0.3795	34.67	10.08	44.75	58.29	-13.54	peak	
3		0.4470	35.84	10.11	45.95	56.93	-10.98	peak	
4	*	0.4470	30.40	10.11	40.51	46.93	-6.42	AVG	
5		0.5100	31.53	10.14	41.67	56.00	-14.33	peak	
6		1.7340	28.28	10.39	38.67	56.00	-17.33	peak	
7		5.2530	30.94	10.69	41.63	60.00	-18.37	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 B Mode Channel 01

Ant 0°

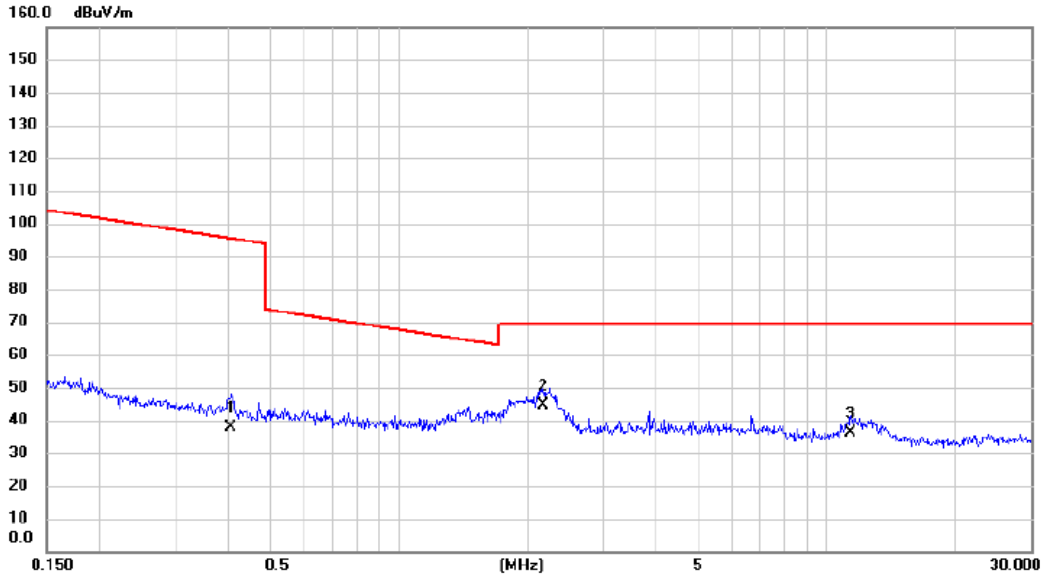


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0188	35.92	13.49	49.41	122.12	-72.71	AVG	
2		0.0348	27.14	12.74	39.88	116.77	-76.89	AVG	
3		0.0742	23.68	12.48	36.16	110.20	-74.04	AVG	

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

Test Mode:	TX B Mode Channel 01

Ant 0°

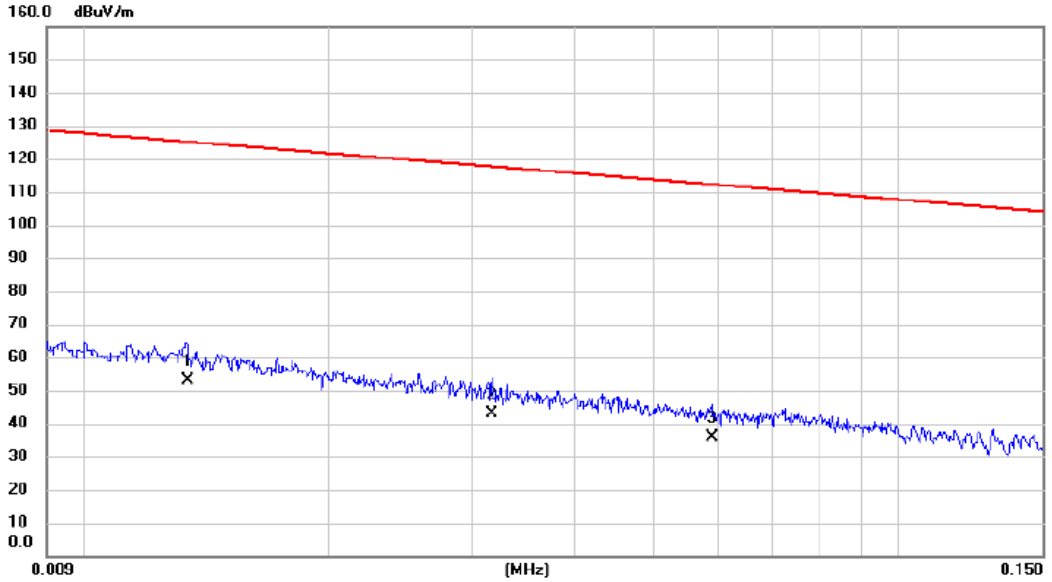


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.4061	25.94	12.04	37.98	95.43	-57.45	AVG	
2	*	2.1783	33.83	10.91	44.74	69.54	-24.80	QP	
3		11.3771	25.27	10.87	36.14	69.54	-33.40	QP	

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

Test Mode:	TX B Mode Channel 01

Ant 90°

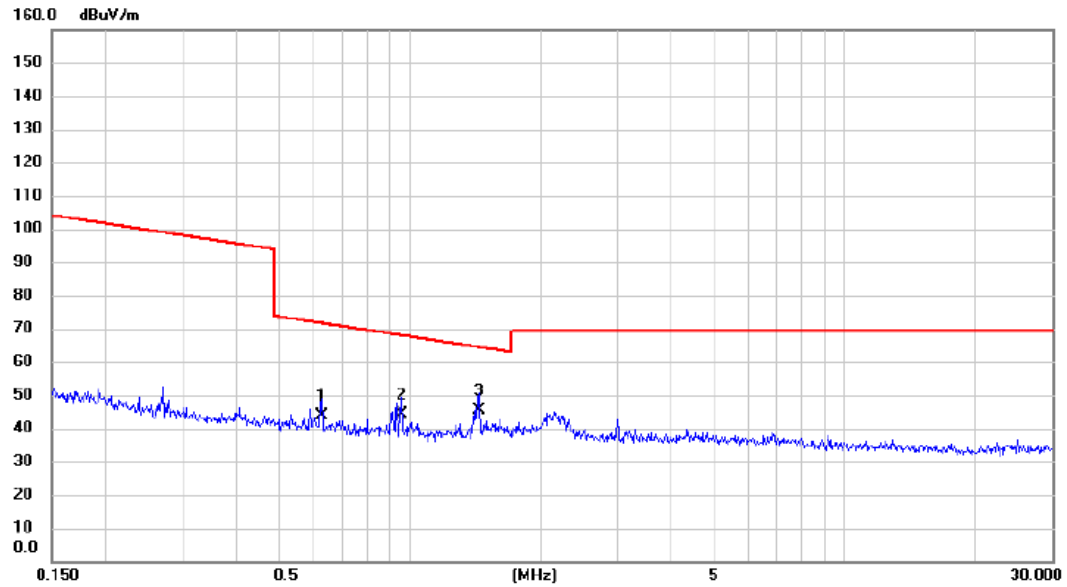


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0134	37.87	15.17	53.04	125.06	-72.02	AVG	
2		0.0317	30.16	12.81	42.97	117.58	-74.61	AVG	
3		0.0590	23.26	12.38	35.64	112.19	-76.55	AVG	

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

Test Mode:	TX B Mode Channel 01

Ant 90°



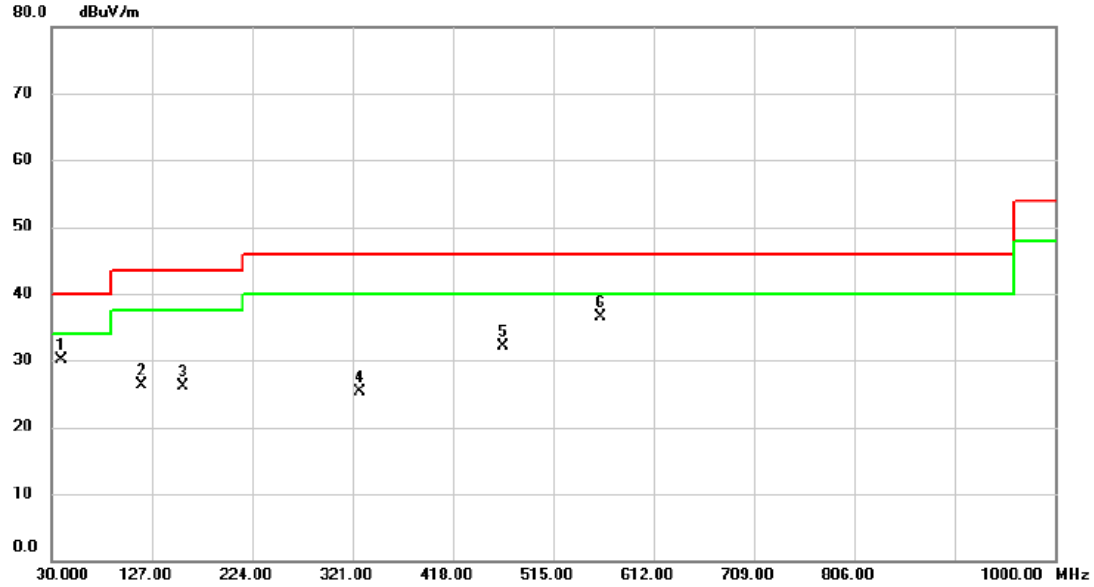
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.6271	31.97	11.72	43.69	71.66	-27.97	QP	
2		0.9582	32.45	11.62	44.07	67.98	-23.91	QP	
3	*	1.4410	33.89	11.35	45.24	64.43	-19.19	QP	

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 B Mode Channel 01

Vertical

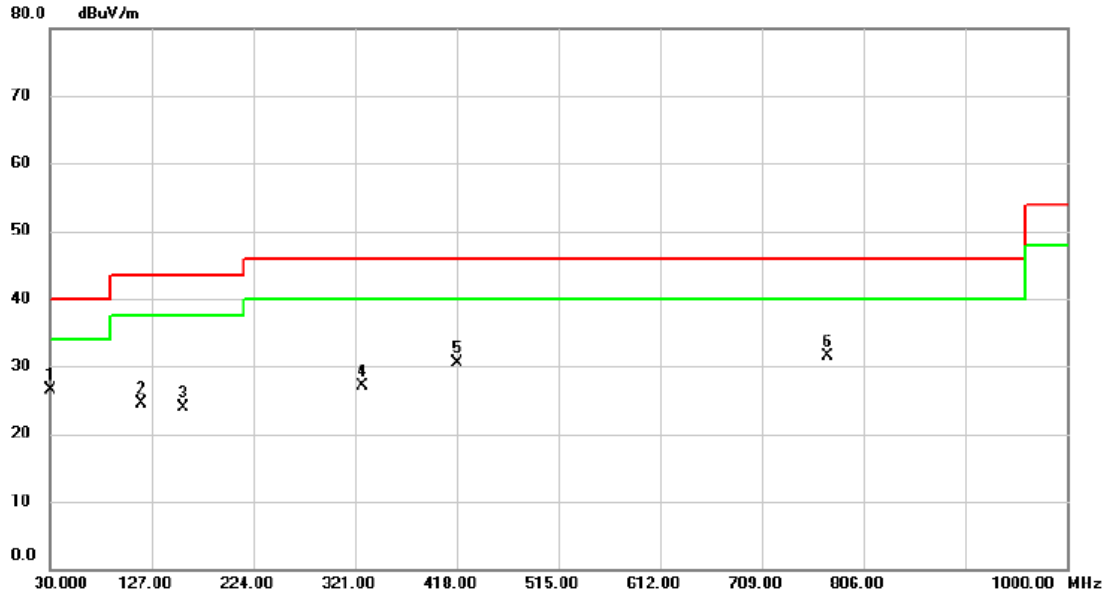


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		39.700	43.57	-13.48	30.09	40.00	-9.91	peak	
2		117.300	39.38	-13.01	26.37	43.50	-17.13	peak	
3		157.070	37.04	-10.90	26.14	43.50	-17.36	peak	
4		327.790	35.62	-10.34	25.28	46.00	-20.72	peak	
5		466.500	39.32	-7.23	32.09	46.00	-13.91	peak	
6	*	561.560	42.54	-6.13	36.41	46.00	-9.59	peak	

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

Test Mode:	TX B Mode Channel 01

Horizontal



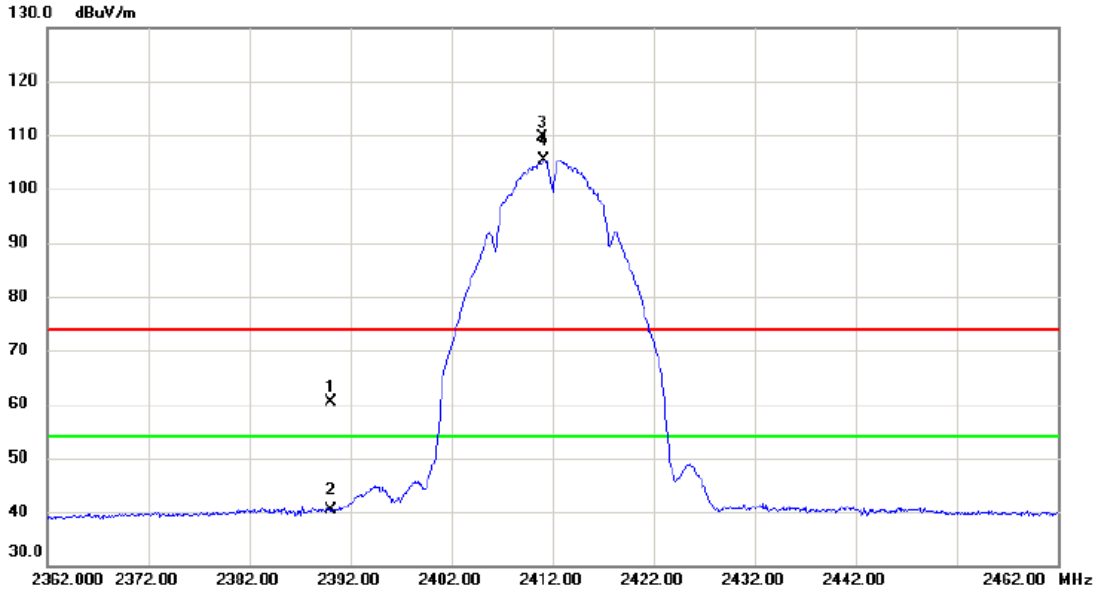
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	30.000	41.02	-14.60	26.42	40.00	-13.58	peak	
2		117.300	37.57	-13.01	24.56	43.50	-18.94	peak	
3		157.070	34.72	-10.90	23.82	43.50	-19.68	peak	
4		327.790	37.54	-10.34	27.20	46.00	-18.80	peak	
5		418.000	38.82	-8.26	30.56	46.00	-15.44	peak	
6		771.080	33.94	-2.49	31.45	46.00	-14.55	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	49.83	10.50	60.33	74.00	-13.67	peak	
2		2390.000	29.96	10.50	40.46	54.00	-13.54	AVG	
3	X	2411.000	99.09	10.55	109.64	74.00	35.64	peak	No Limit
4	*	2411.200	94.93	10.55	105.48	54.00	51.48	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

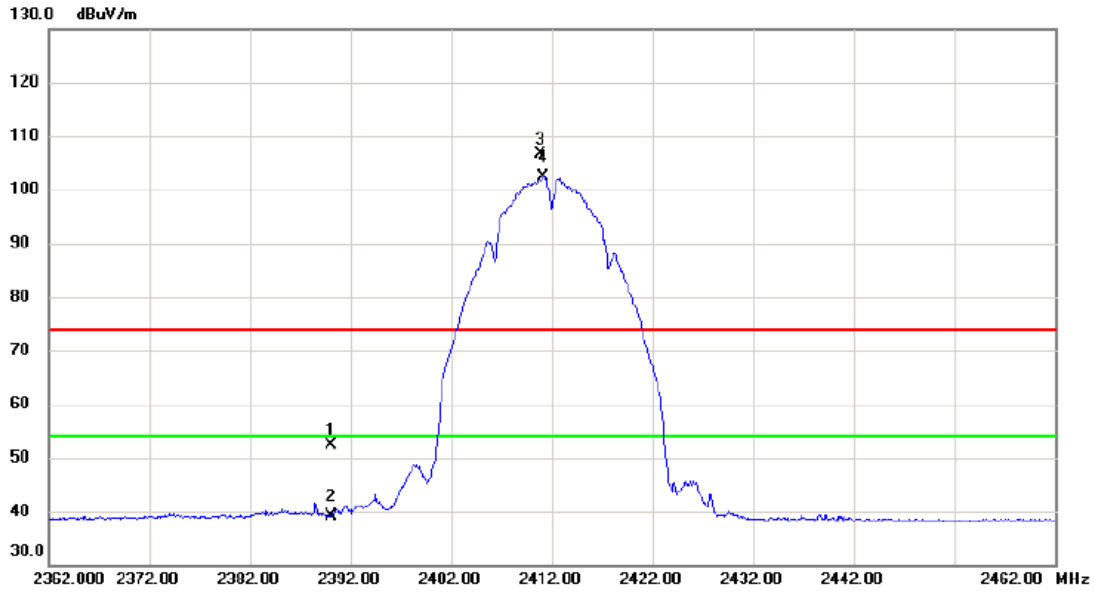
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9700	26.86	6.53	33.39	54.00	-20.61	AVG	
2	4824.4650	36.53	6.53	43.06	74.00	-30.94	Peak	

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

Test Mode:	TX B Mode 2412 MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	41.85	10.50	52.35	74.00	-21.65	peak	
2		2390.000	28.74	10.50	39.24	54.00	-14.76	AVG	
3	X	2410.800	96.09	10.55	106.64	74.00	32.64	peak	No Limit
4	*	2411.200	91.86	10.55	102.41	54.00	48.41	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

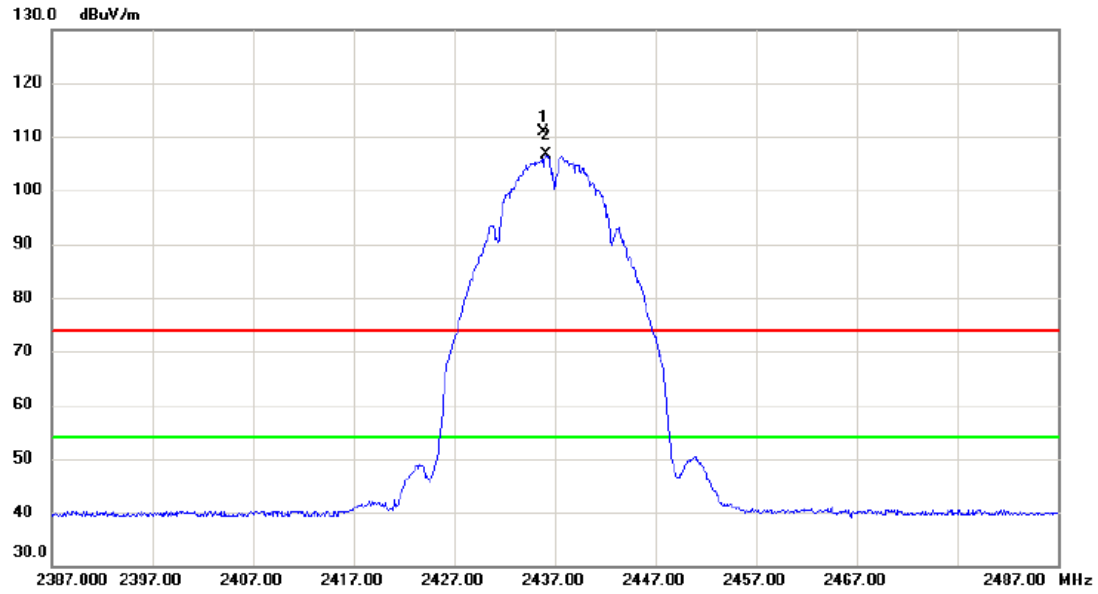
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4822.0450	21.98	6.52	28.50	54.00	-25.50	AVG	
2	4822.4750	34.83	6.52	41.35	74.00	-32.65	Peak	

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

Test Mode:	TX B Mode 2437 MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.900	100.22	10.63	110.85	74.00	36.85	peak	No Limit
2	*	2436.200	95.95	10.63	106.58	54.00	52.58	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

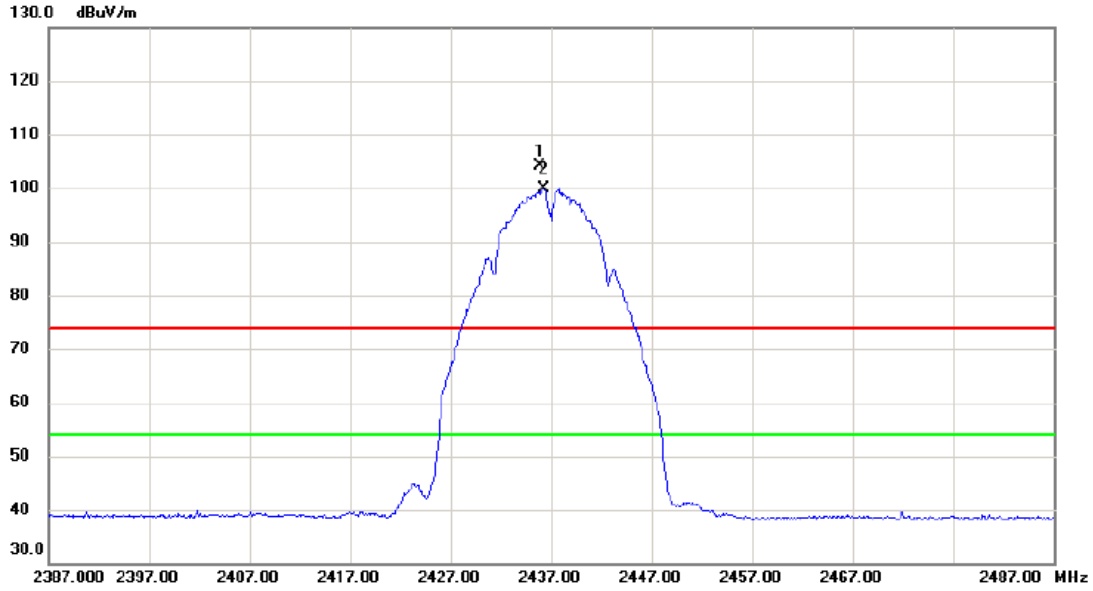
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.6530	36.15	6.65	42.80	74.00	-31.20	Peak	
2 *	4873.9720	26.87	6.65	33.52	54.00	-20.48	AVG	

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

Test Mode:	TX B Mode 2437 MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.900	93.39	10.63	104.02	74.00	30.02	peak	No Limit
2	*	2436.300	89.26	10.63	99.89	54.00	45.89	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

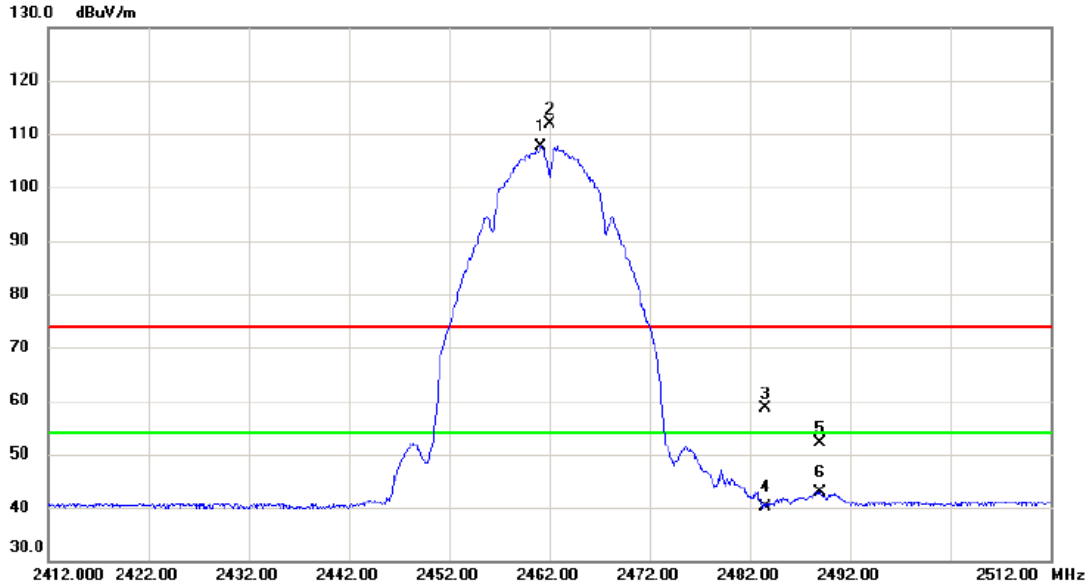
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4871.5800	22.79	6.64	29.43	54.00	-24.57	AVG	
2	4874.0700	35.76	6.65	42.41	74.00	-31.59	Peak	

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

Test Mode:	TX B Mode 2462 MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2461.200	97.00	10.69	107.69	54.00	53.69	AVG	No Limit
2	X	2462.000	101.13	10.71	111.84	74.00	37.84	peak	No Limit
3		2483.500	47.76	10.76	58.52	74.00	-15.48	peak	
4		2483.500	29.49	10.76	40.25	54.00	-13.75	AVG	
5		2489.000	41.28	10.79	52.07	74.00	-21.93	peak	
6		2489.000	32.01	10.79	42.80	54.00	-11.20	AVG	

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

Test Mode:	TX B Mode 2462 MHz

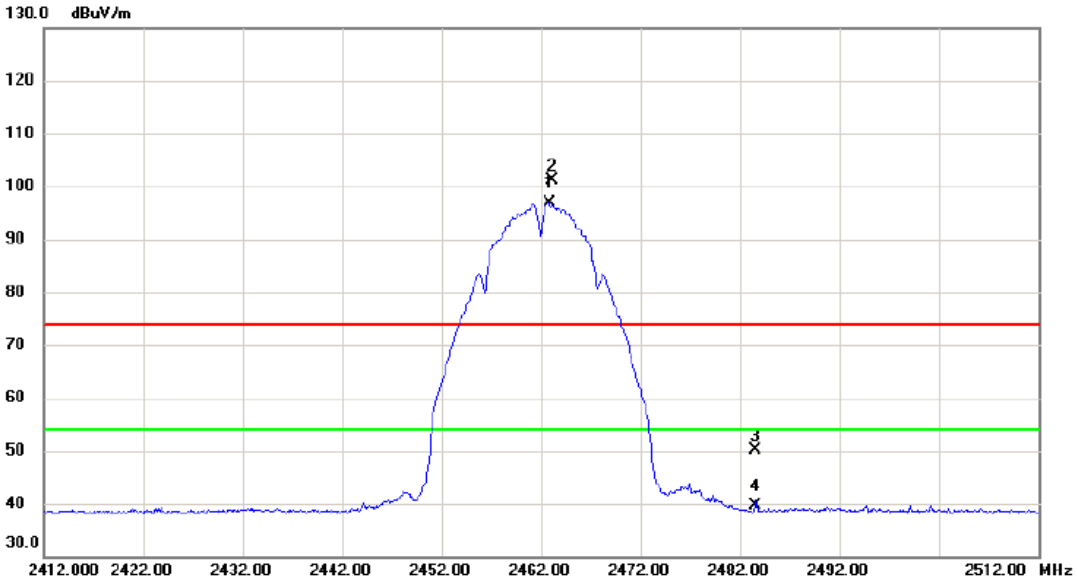
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9530	35.96	6.77	42.73	74.00	-31.27	Peak	
2 *	4924.0099	26.60	6.77	33.37	54.00	-20.63	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2462.800	86.19	10.71	96.90	54.00	42.90	AVG	No Limit
2	X	2463.200	90.42	10.71	101.13	74.00	27.13	peak	No Limit
3		2483.500	39.45	10.76	50.21	74.00	-23.79	peak	
4		2483.500	28.91	10.76	39.67	54.00	-14.33	AVG	

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

Test Mode:	TX B Mode 2462 MHz

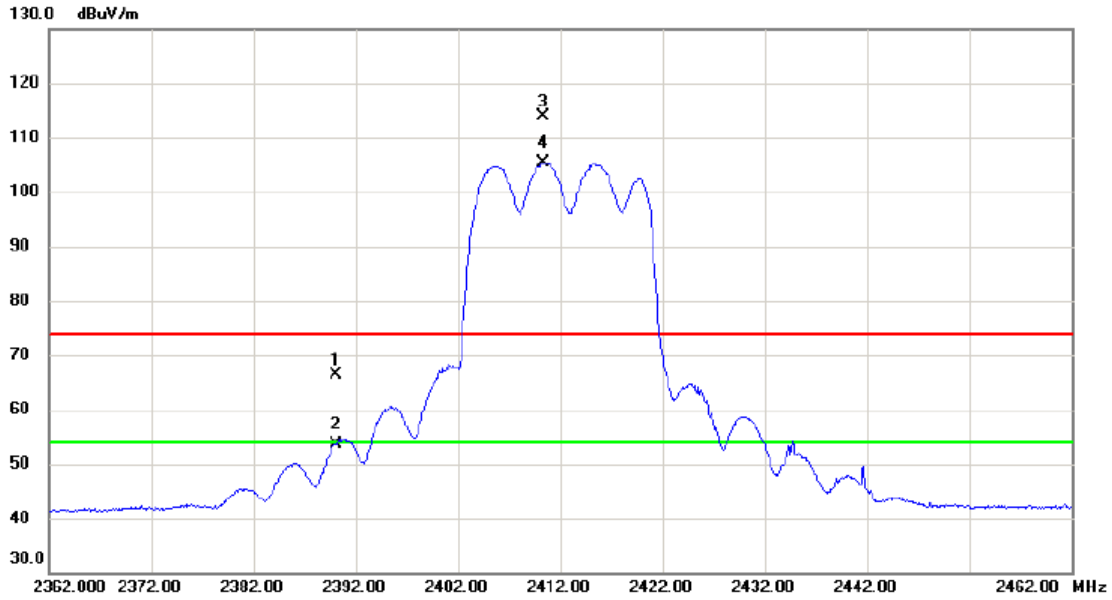
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.8849	35.99	6.77	42.76	74.00	-31.24	Peak	
2 *	4925.3000	22.97	6.78	29.75	54.00	-24.25	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	55.80	10.50	66.30	74.00	-7.70	peak	
2		2390.000	43.08	10.50	53.58	54.00	-0.42	AVG	
3	X	2410.300	103.37	10.55	113.92	74.00	39.92	peak	No Limit
4	*	2410.300	94.87	10.55	105.42	54.00	51.42	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

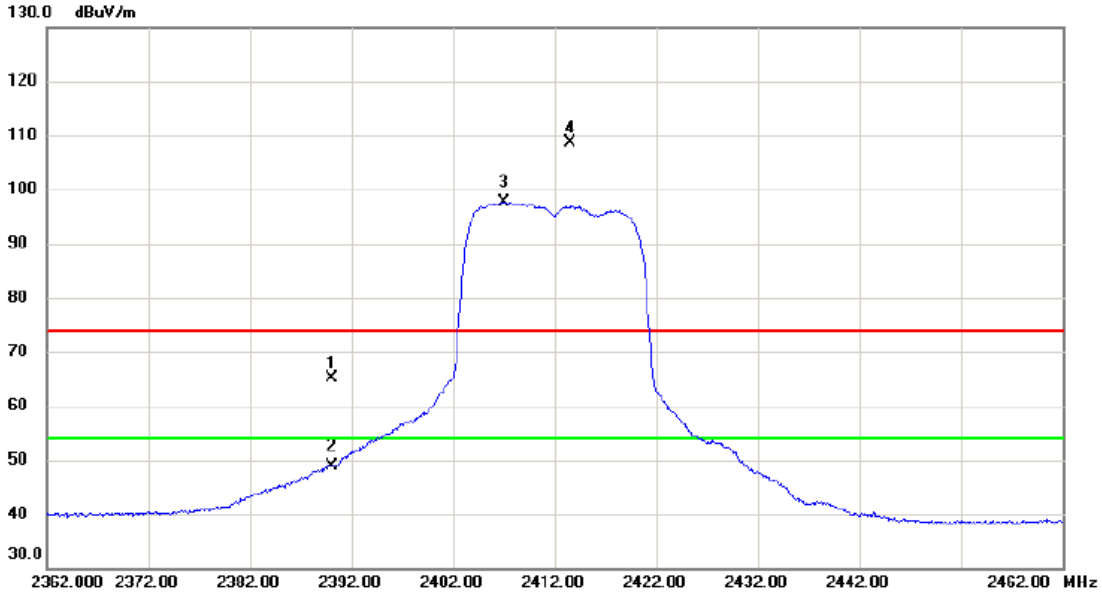
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9670	37.89	6.53	44.42	74.00	-29.58	Peak	
2 *	4824.0730	26.94	6.53	33.47	54.00	-20.53	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	54.71	10.50	65.21	74.00	-8.79	peak	
2		2390.000	38.37	10.50	48.87	54.00	-5.13	AVG	
3	*	2407.000	87.09	10.55	97.64	54.00	43.64	AVG	No Limit
4	X	2413.500	98.00	10.56	108.56	74.00	34.56	peak	No Limit

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

Test Mode:	TX G Mode 2412 MHz

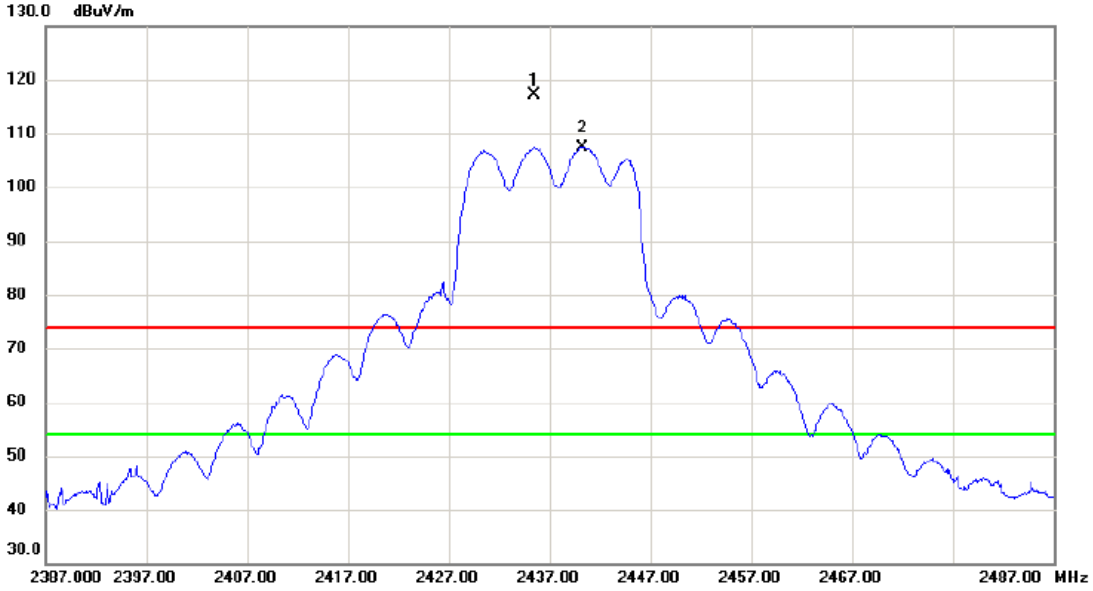
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4821.5350	35.12	6.52	41.64	74.00	-32.36	Peak	
2 *	4821.8700	21.73	6.52	28.25	54.00	-25.75	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2435.400	106.56	10.63	117.19	74.00	43.19	peak	No Limit
2	*	2440.300	96.81	10.64	107.45	54.00	53.45	AVG	No Limit

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

Test Mode:	TX G Mode 2437 MHz

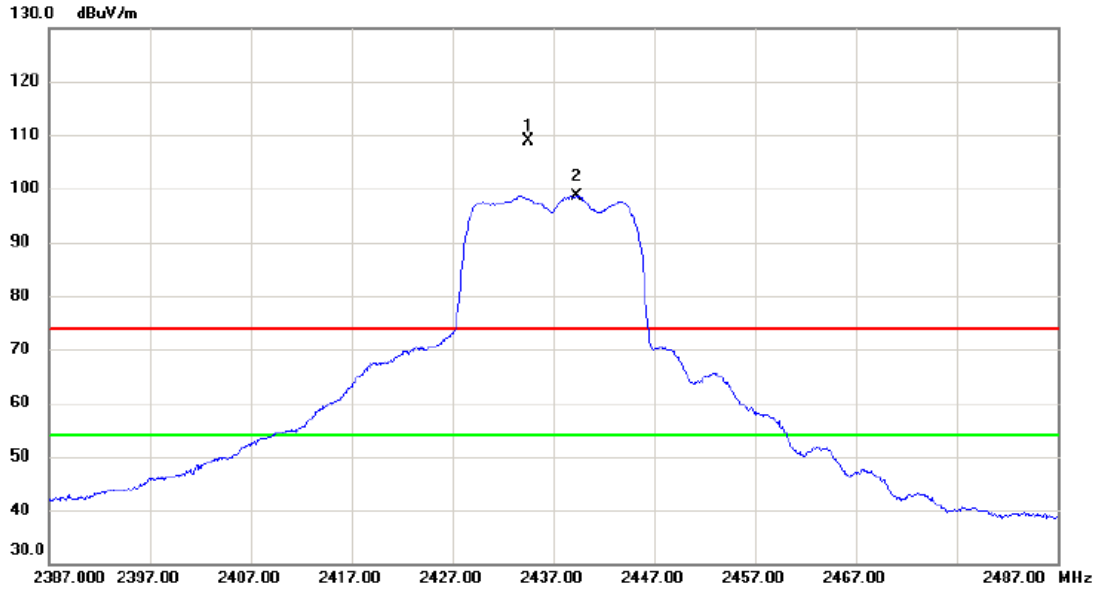
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4874.0419	26.77	6.65	33.42	54.00	-20.58	AVG	
2	4874.1050	37.57	6.65	44.22	74.00	-29.78	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2434.600	98.35	10.62	108.97	74.00	34.97	peak	No Limit
2	*	2439.300	88.06	10.64	98.70	54.00	44.70	AVG	No Limit

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

Test Mode:	TX G Mode 2437 MHz

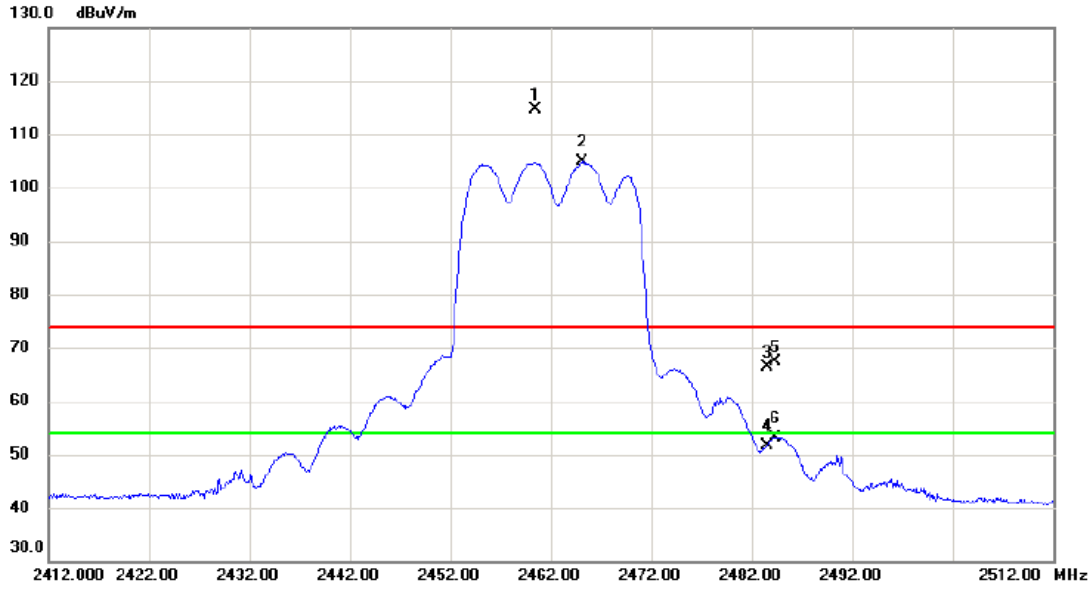
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4871.6549	22.75	6.64	29.39	54.00	-24.61	AVG	
2	4876.4850	36.24	6.65	42.89	74.00	-31.11	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2460.400	103.95	10.69	114.64	74.00	40.64	peak	No Limit
2	*	2465.200	94.16	10.71	104.87	54.00	50.87	AVG	No Limit
3		2483.500	55.63	10.76	66.39	74.00	-7.61	peak	
4		2483.500	40.99	10.76	51.75	54.00	-2.25	AVG	
5		2484.300	56.58	10.77	67.35	74.00	-6.65	peak	
6		2484.300	42.48	10.77	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 G Mode 2462 MHz

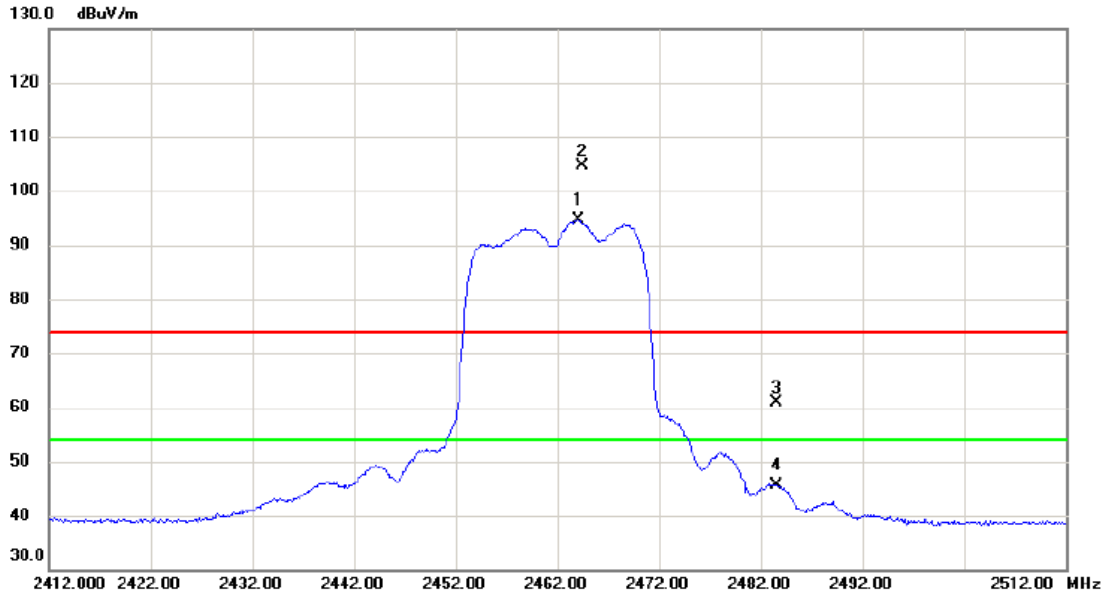
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9900	26.68	6.77	33.45	54.00	-20.55	AVG	
2	4924.0099	36.14	6.77	42.91	74.00	-31.09	Peak	

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

Test Mode:	TX G Mode 2462 MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2464.100	83.96	10.71	94.67	54.00	40.67	AVG	No Limit
2	X	2464.500	93.83	10.71	104.54	74.00	30.54	peak	No Limit
3		2483.500	50.04	10.76	60.80	74.00	-13.20	peak	
4		2483.500	34.97	10.76	45.73	54.00	-8.27	AVG	

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

Test Mode:	TX G Mode 2462 MHz

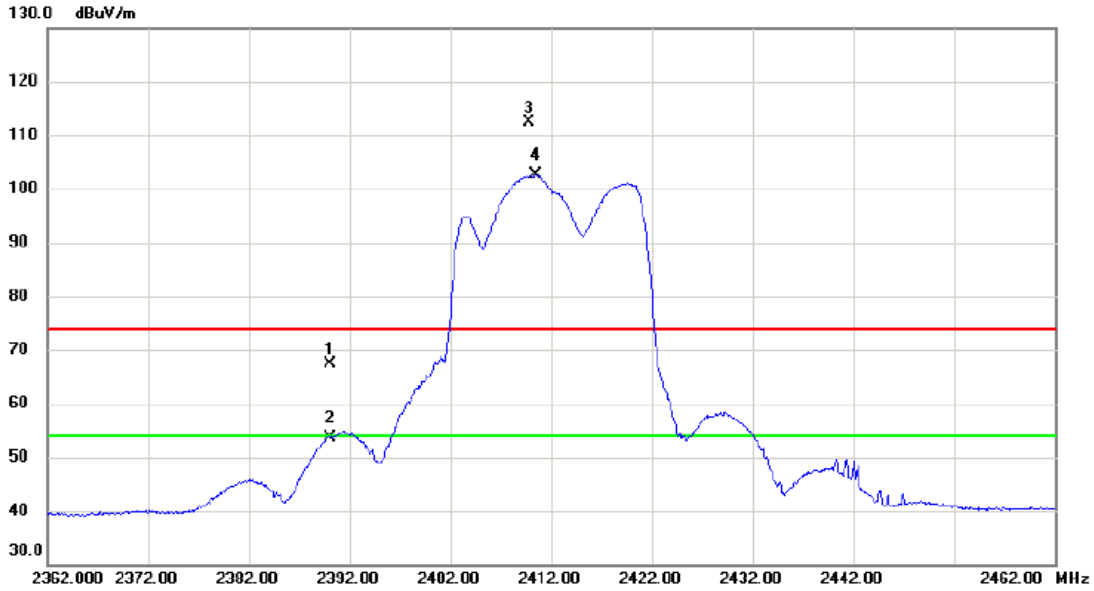
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4924.0150	23.64	6.77	30.41	54.00	-23.59	AVG	
2	4926.2500	35.90	6.78	42.68	74.00	-31.32	Peak	

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

Test Mode:	TX N-20M Mode 2412 MHz

Vertical

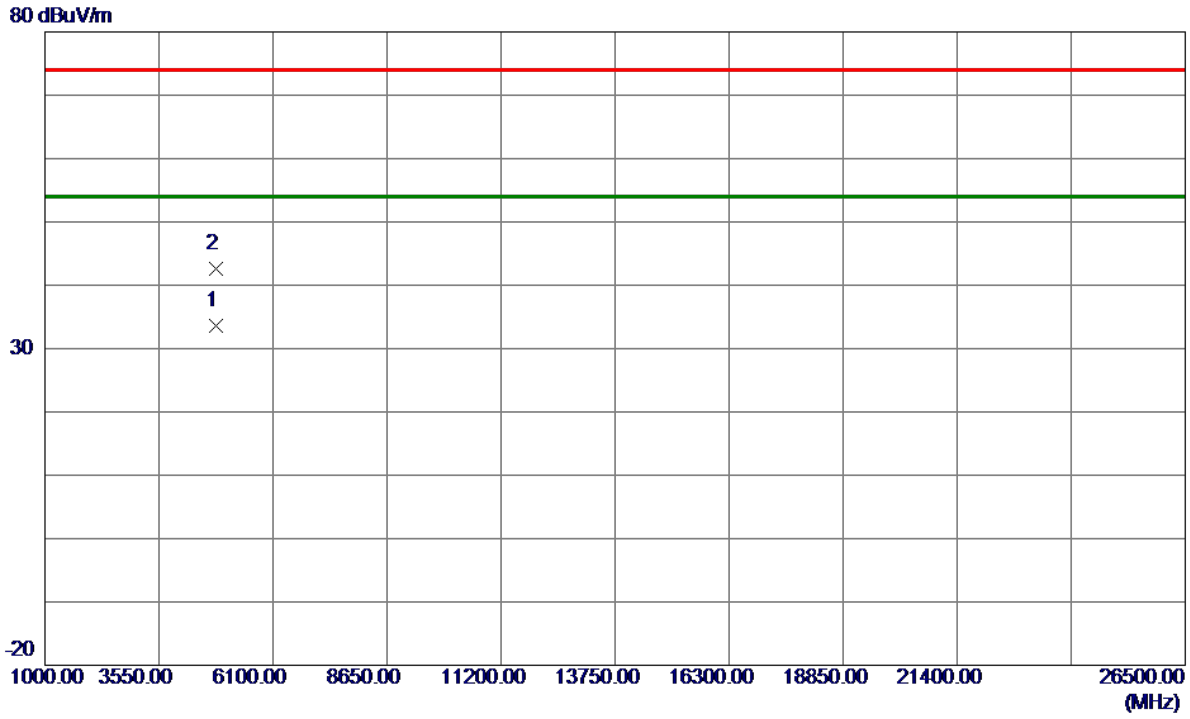


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.80	10.50	67.30	74.00	-6.70	peak	
2		2390.000	43.14	10.50	53.64	54.00	-0.36	AVG	
3	X	2409.800	101.88	10.56	112.44	74.00	38.44	peak	No Limit
4	*	2410.400	92.09	10.55	102.64	54.00	48.64	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

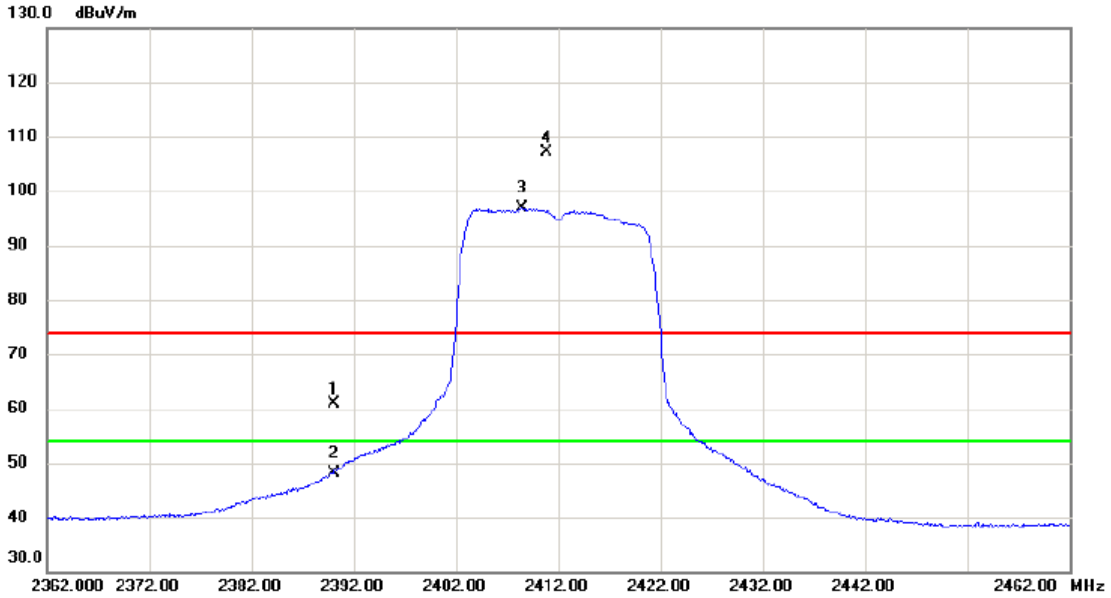


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9430	27.01	6.53	33.54	54.00	-20.46	AVG	
2	4823.9850	36.05	6.53	42.58	74.00	-31.42	Peak	

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

Test Mode:	TX N-20M Mode 2412 MHz

Horizontal

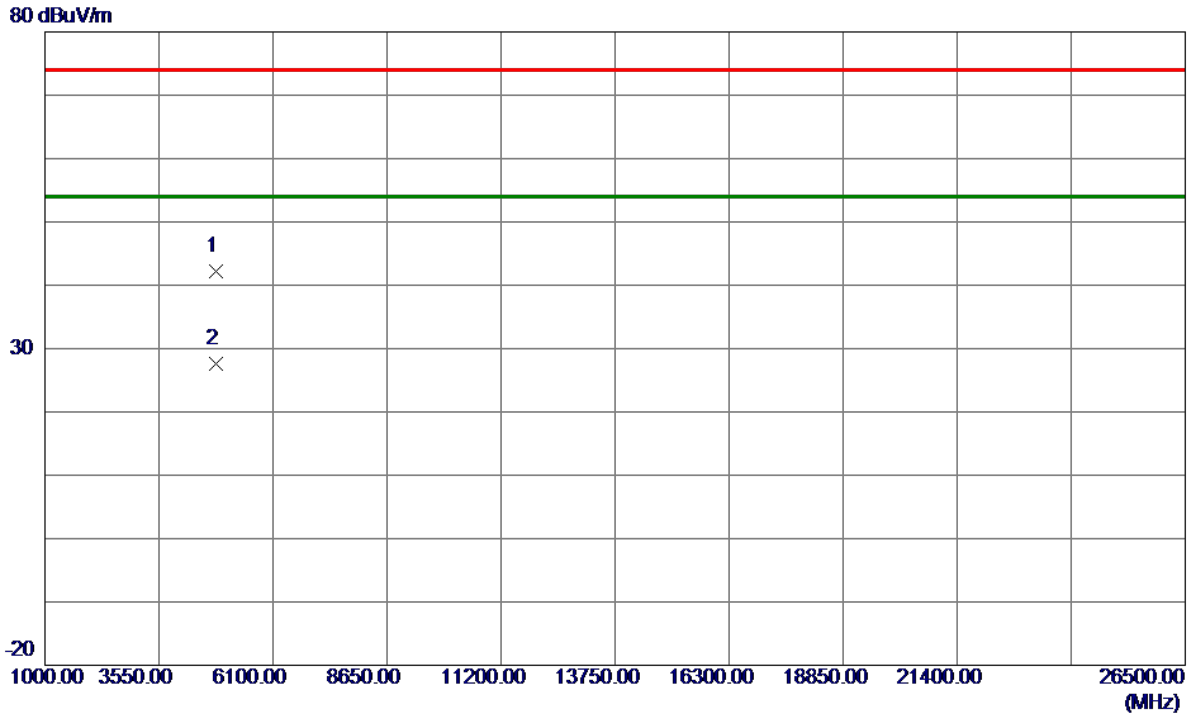


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	50.38	10.50	60.88	74.00	-13.12	peak	
2		2390.000	37.67	10.50	48.17	54.00	-5.83	AVG	
3	*	2408.400	86.25	10.55	96.80	54.00	42.80	AVG	No Limit
4	X	2410.900	96.57	10.55	107.12	74.00	33.12	peak	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

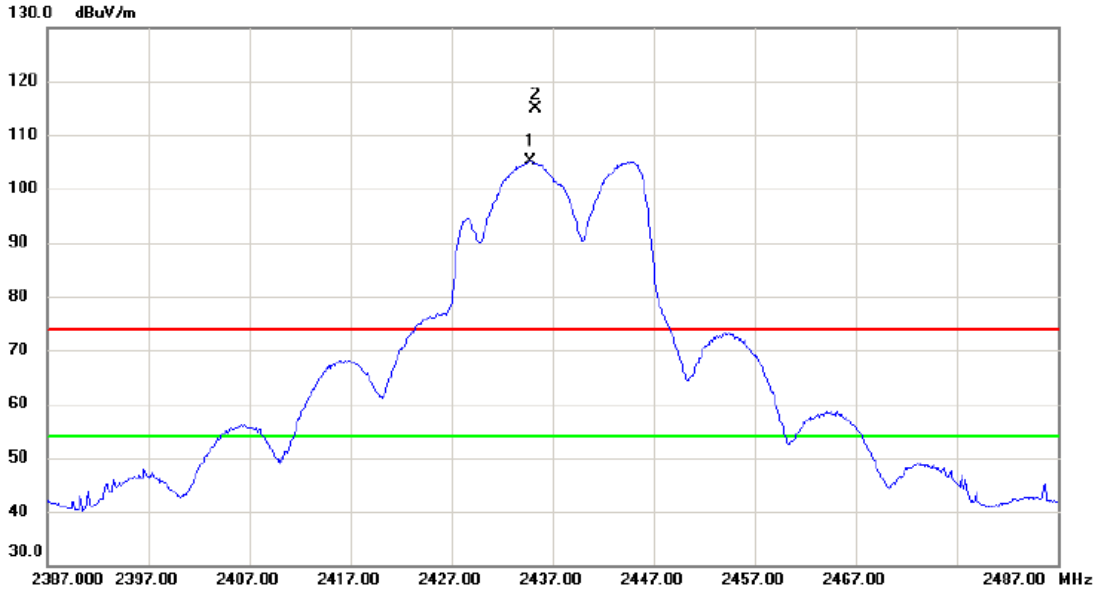


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4822.0850	35.74	6.52	42.26	74.00	-31.74	Peak	
2 *	4822.0850	21.01	6.52	27.53	54.00	-26.47	AVG	

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

Test Mode:	TX N-20M Mode 2437 MHz

Vertical

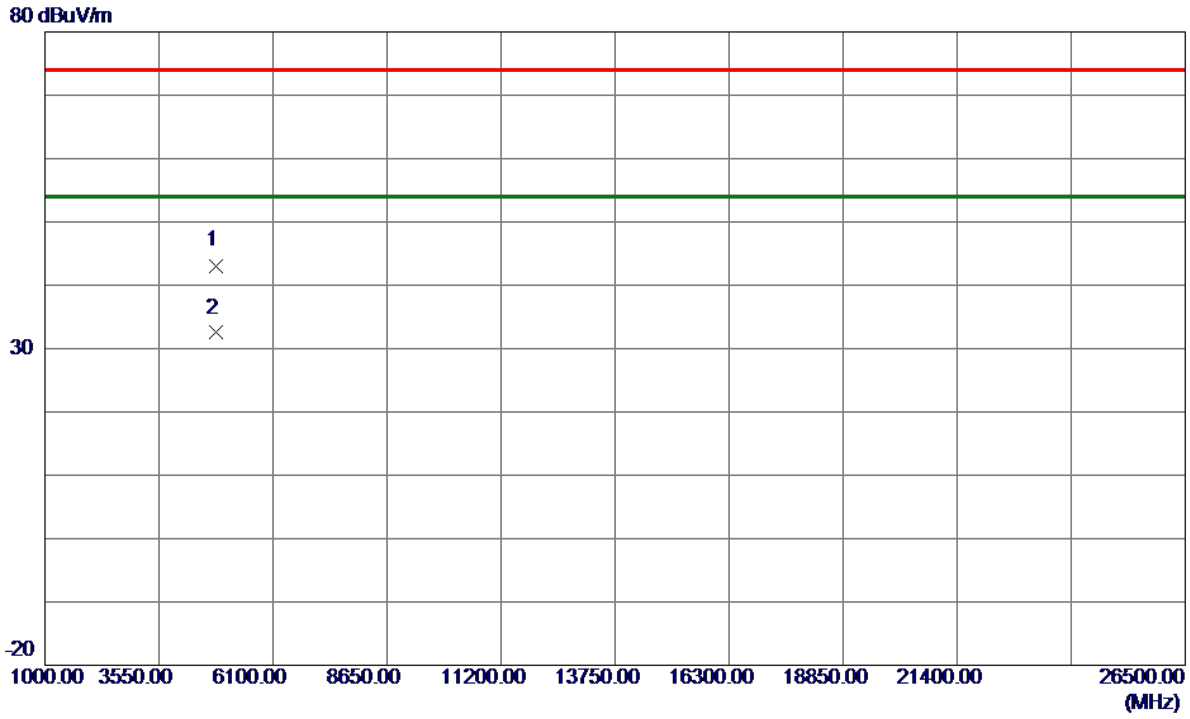


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2434.800	94.49	10.62	105.11	54.00	51.11	AVG	No Limit
2	X	2435.300	104.30	10.62	114.92	74.00	40.92	peak	No Limit

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

Test Mode:	TX N-20M Mode 2437 MHz

Vertical

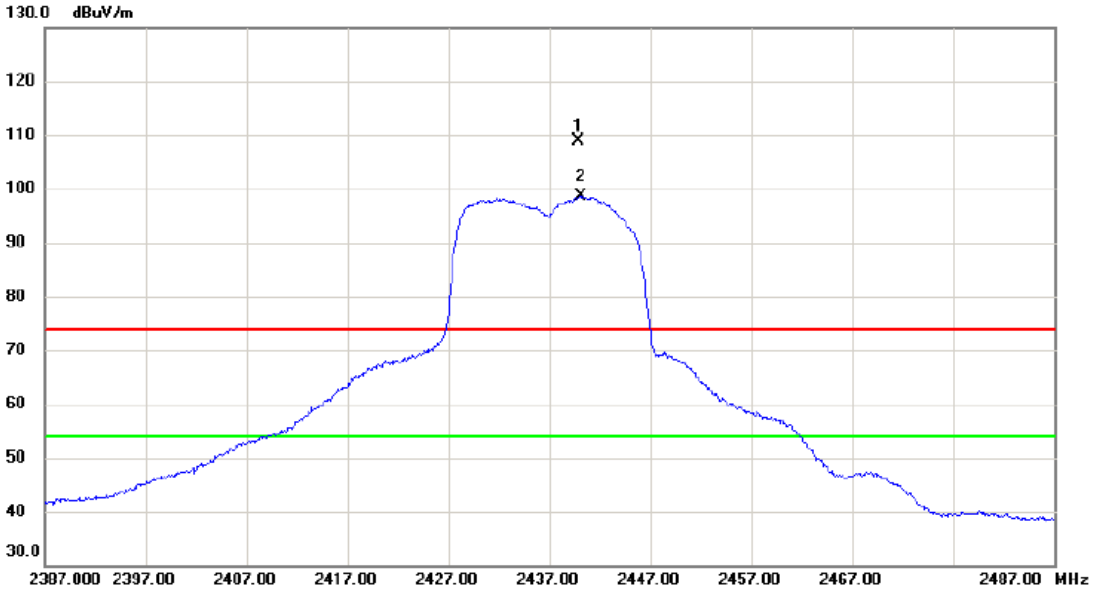


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.5019	36.58	6.52	43.10	74.00	-30.90	Peak	
2 *	4824.0520	25.97	6.53	32.50	54.00	-21.50	AVG	

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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2439.900	98.21	10.64	108.85	74.00	34.85	peak	No Limit
2	*	2440.100	88.05	10.64	98.69	54.00	44.69	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

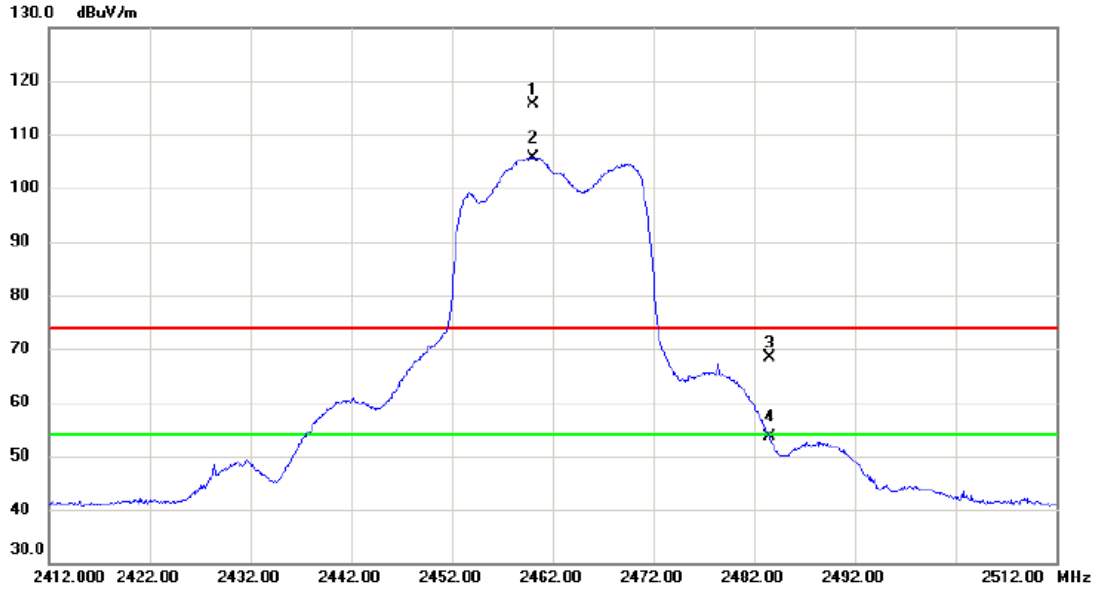
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4872.9900	22.86	6.65	29.51	54.00	-24.49	AVG	
2	4875.0250	36.55	6.65	43.20	74.00	-30.80	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2460.100	104.94	10.69	115.63	74.00	41.63	peak	No Limit
2	*	2460.100	95.06	10.69	105.75	54.00	51.75	AVG	No Limit
3		2483.500	57.65	10.76	68.41	74.00	-5.59	peak	
4		2483.500	42.90	10.76	53.66	54.00	-0.34	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

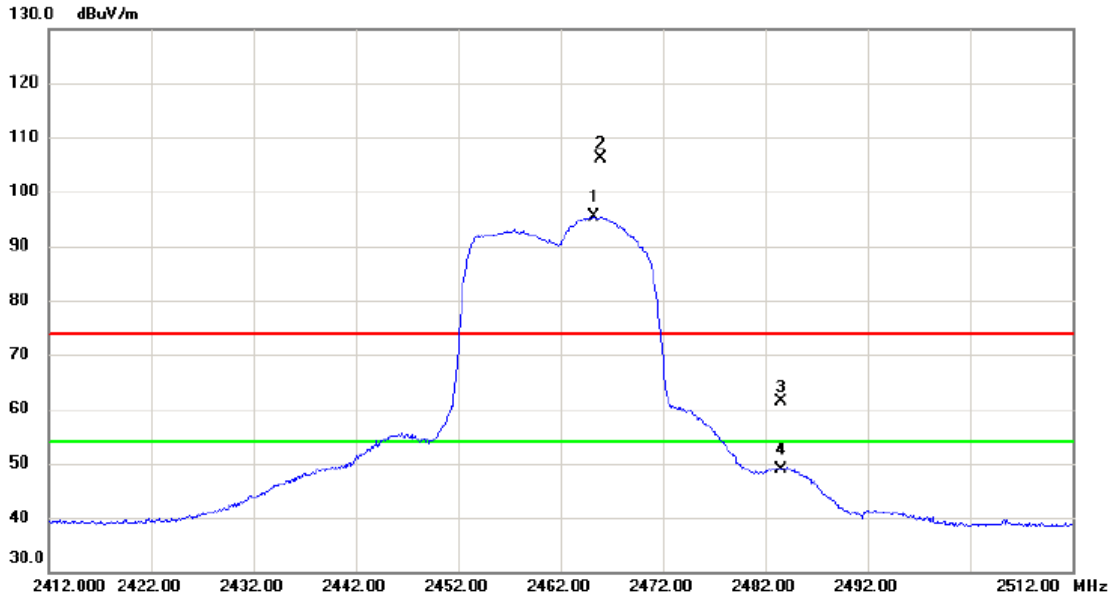
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4923.9650	36.29	6.77	43.06	74.00	-30.94	Peak	
2 *	4924.0050	25.89	6.77	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 N-20M Mode 2462 MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2465.300	84.76	10.71	95.47	54.00	41.47	AVG	No Limit
2	X	2465.900	95.54	10.71	106.25	74.00	32.25	peak	No Limit
3		2483.500	50.56	10.76	61.32	74.00	-12.68	peak	
4		2483.500	38.16	10.76	48.92	54.00	-5.08	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

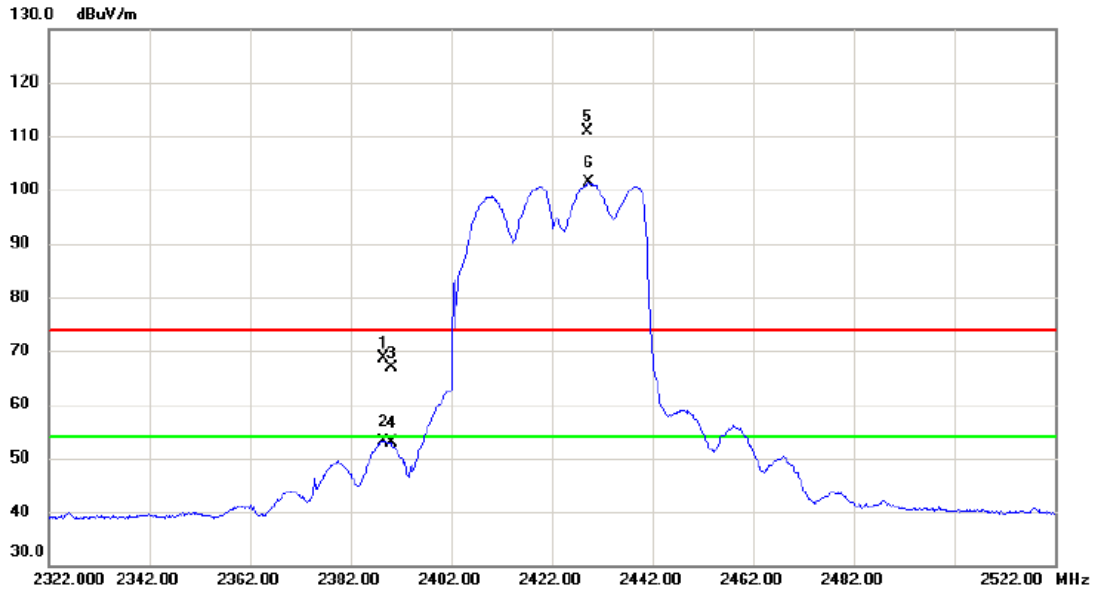
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4924.6000	35.85	6.77	42.62	74.00	-31.38	Peak	
2 *	4926.3849	22.79	6.78	29.57	54.00	-24.43	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.600	58.11	10.49	68.60	74.00	-5.40	peak	
2		2388.600	42.71	10.49	53.20	54.00	-0.80	AVG	
3		2390.000	56.41	10.50	66.91	74.00	-7.09	peak	
4		2390.000	42.45	10.50	52.95	54.00	-1.05	AVG	
5	X	2429.000	100.28	10.61	110.89	74.00	36.89	peak	No Limit
6	*	2429.400	90.66	10.61	101.27	54.00	47.27	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

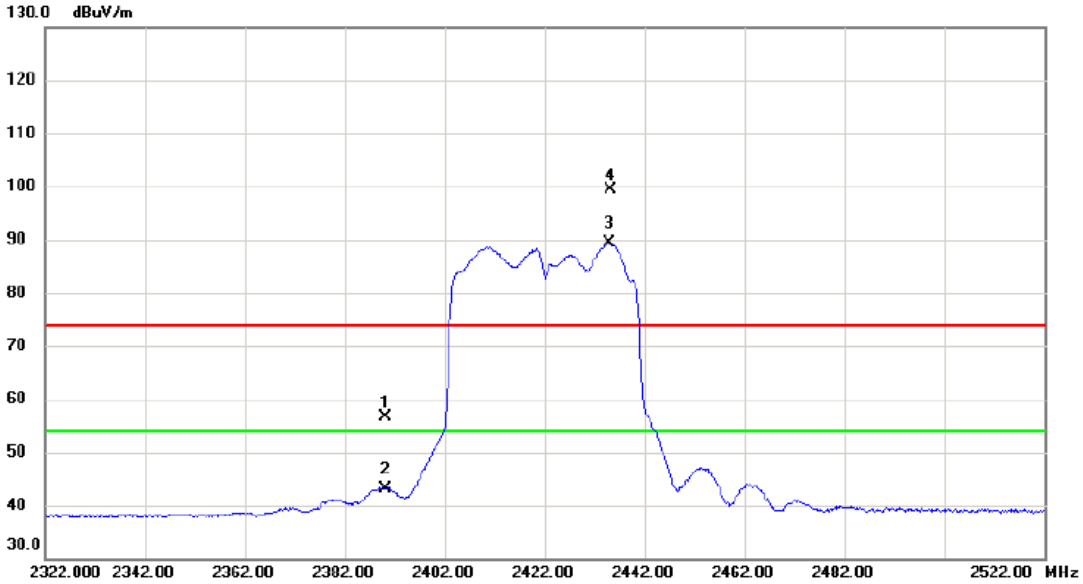
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4843.9550	28.15	6.57	34.72	54.00	-19.28	AVG	
2	4843.9720	37.87	6.57	44.44	74.00	-29.56	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	46.17	10.50	56.67	74.00	-17.33	peak	
2		2390.000	32.66	10.50	43.16	54.00	-10.84	AVG	
3	*	2435.000	78.74	10.62	89.36	54.00	35.36	AVG	No Limit
4	X	2435.200	88.64	10.62	99.26	74.00	25.26	peak	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

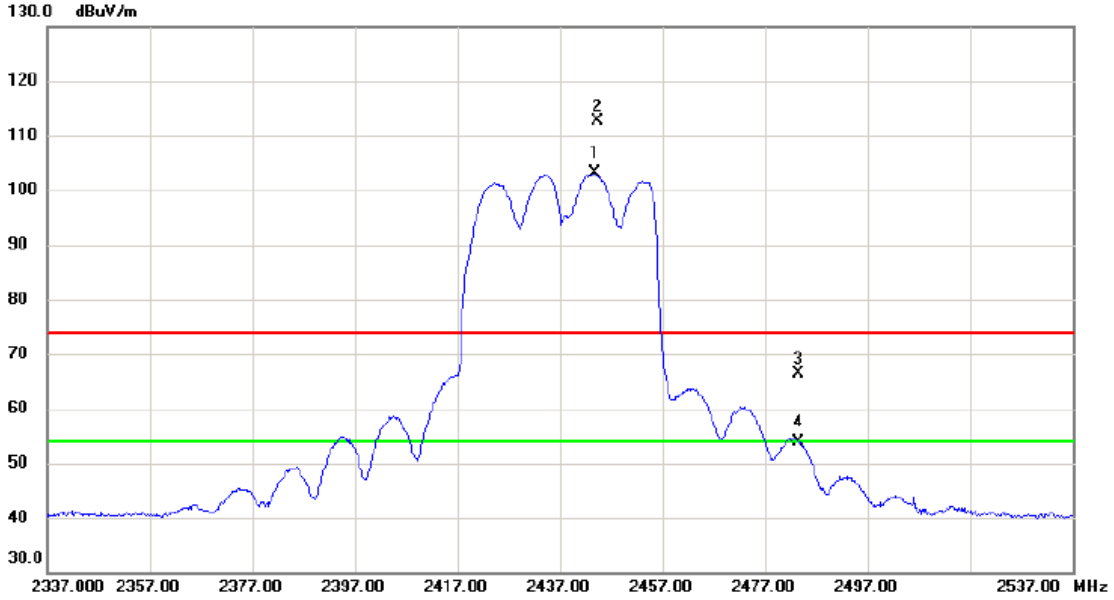
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4841.5400	23.08	6.57	29.65	54.00	-24.35	AVG	
2	4844.7300	36.25	6.58	42.83	74.00	-31.17	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2443.800	92.41	10.65	103.06	54.00	49.06	AVG	No Limit
2	X	2444.400	101.92	10.66	112.58	74.00	38.58	peak	No Limit
3		2483.500	55.73	10.76	66.49	74.00	-7.51	peak	
4		2483.500	43.03	10.76	53.79	54.00	-0.21	AVG	

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

Test Mode:	TX N-40M Mode 2437 MHz

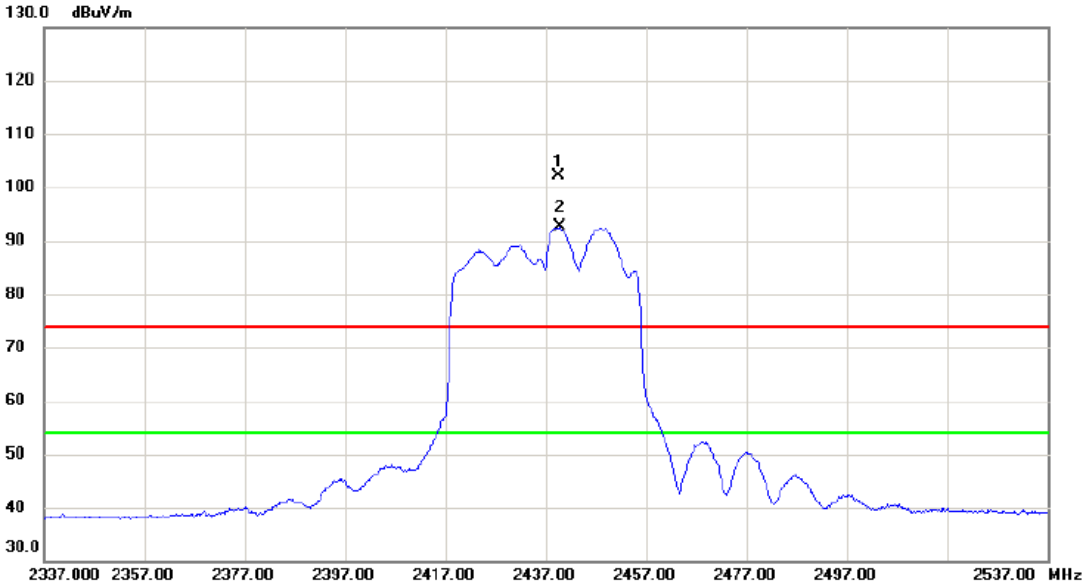
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4843.9380	28.15	6.57	34.72	54.00	-19.28	AVG	
2	4873.8150	37.56	6.65	44.21	74.00	-29.79	Peak	

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

Test Mode:	TX N-40M Mode 2437 MHz

Horizontal

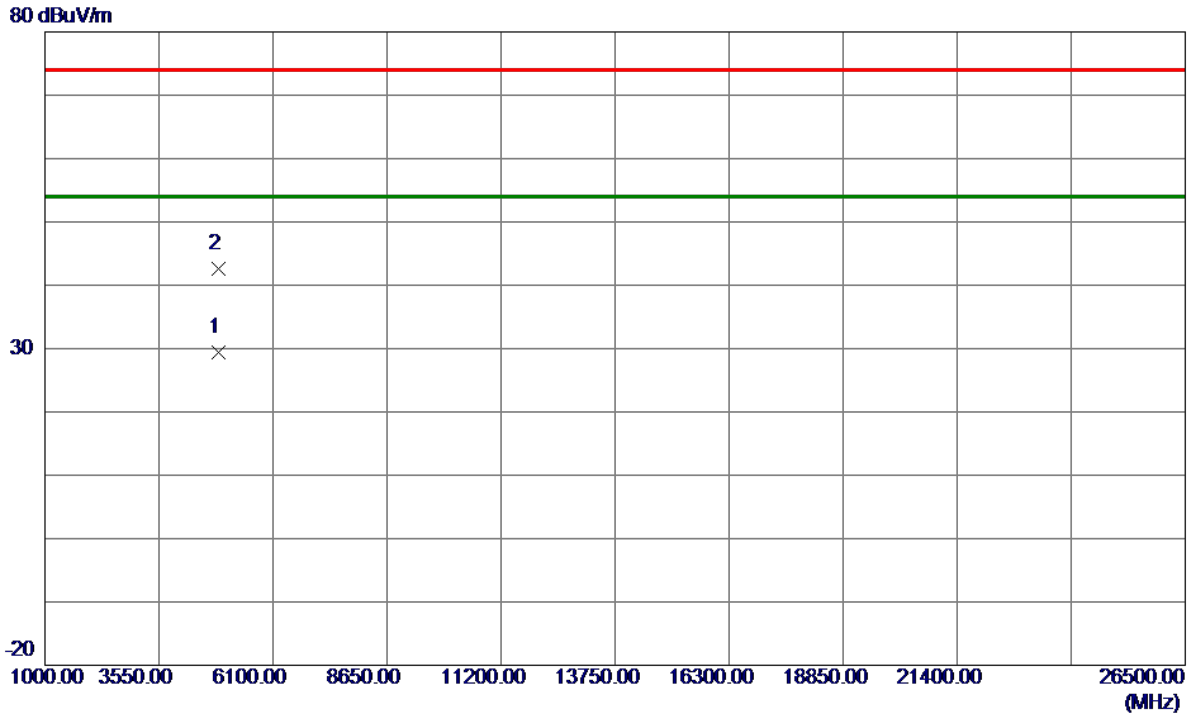


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2439.400	91.60	10.64	102.24	74.00	28.24	peak	No Limit
2	*	2439.800	81.88	10.64	92.52	54.00	38.52	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2437 MHz

Horizontal

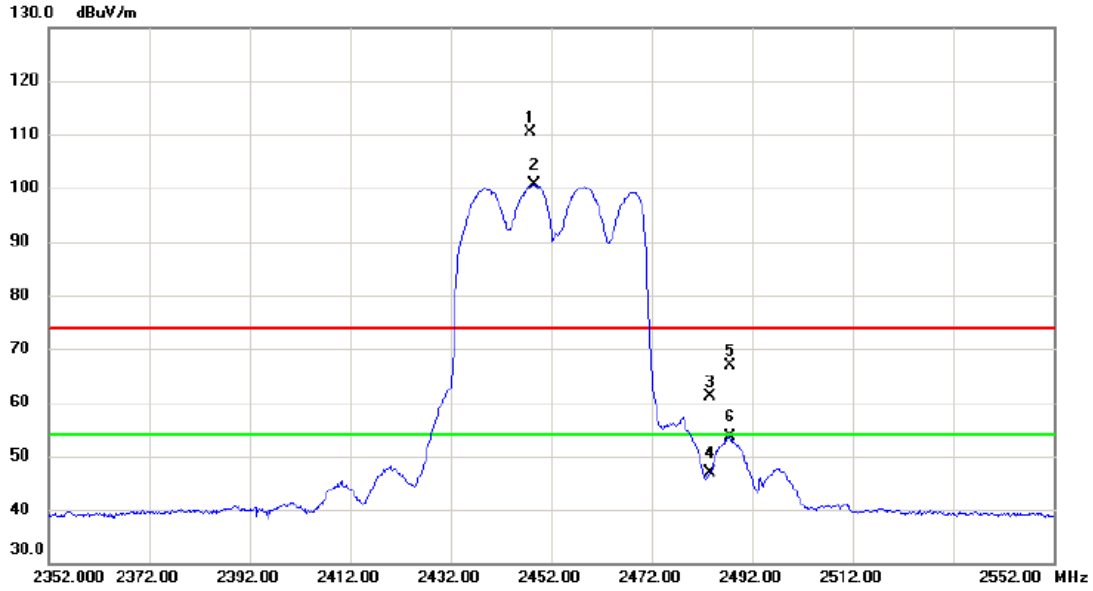


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4871.5099	22.82	6.64	29.46	54.00	-24.54	AVG	
2	4875.9150	36.00	6.65	42.65	74.00	-31.35	Peak	

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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2447.800	99.66	10.67	110.33	74.00	36.33	peak	No Limit
2	*	2448.600	89.94	10.67	100.61	54.00	46.61	AVG	No Limit
3		2483.500	50.48	10.76	61.24	74.00	-12.76	peak	
4		2483.500	36.18	10.76	46.94	54.00	-7.06	AVG	
5		2487.600	56.03	10.78	66.81	74.00	-7.19	peak	
6		2487.600	42.81	10.78	53.59	54.00	-0.41	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

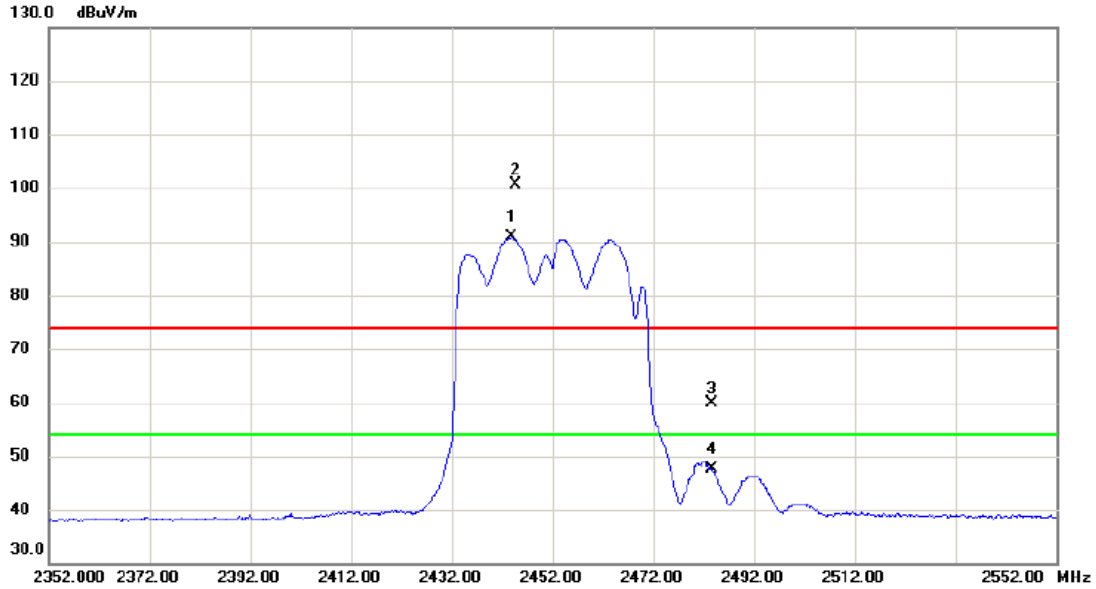
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.9380	37.84	6.57	44.41	74.00	-29.59	Peak	
2 *	4903.9900	27.99	6.72	34.71	54.00	-19.29	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2443.800	80.15	10.65	90.80	54.00	36.80	AVG	No Limit
2	X	2444.600	89.96	10.66	100.62	74.00	26.62	peak	No Limit
3		2483.500	49.04	10.76	59.80	74.00	-14.20	peak	
4		2483.500	36.88	10.76	47.64	54.00	-6.36	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

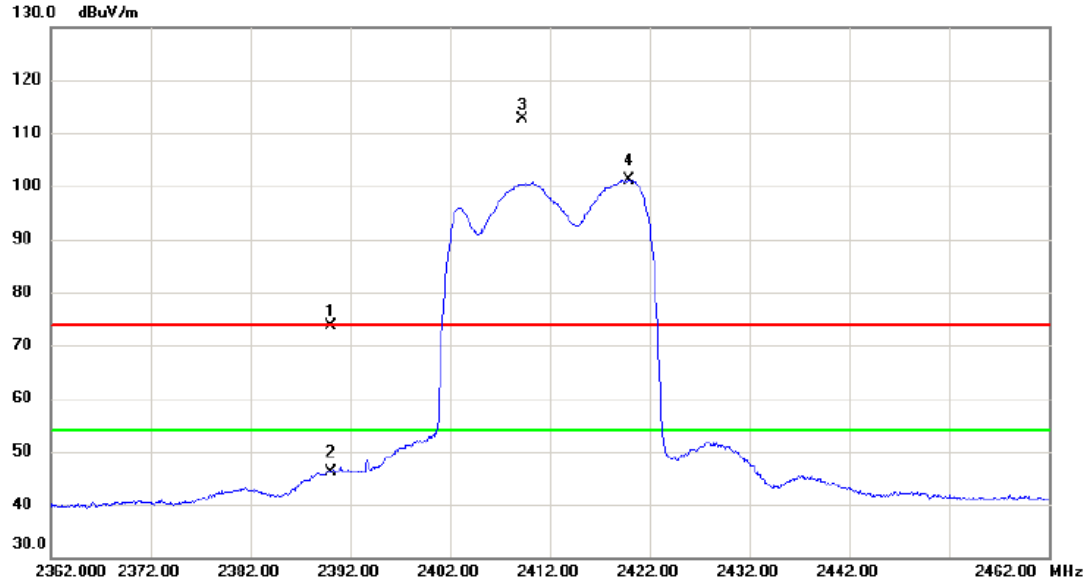
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4903.0650	35.86	6.72	42.58	74.00	-31.42	Peak	
2 *	4904.9100	22.07	6.73	28.80	54.00	-25.20	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	63.11	10.50	73.61	74.00	-0.39	peak	
2		2390.000	35.69	10.50	46.19	54.00	-7.81	AVG	
3	X	2409.300	102.15	10.55	112.70	74.00	38.70	peak	No Limit
4	*	2419.900	90.52	10.58	101.10	54.00	47.10	AVG	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

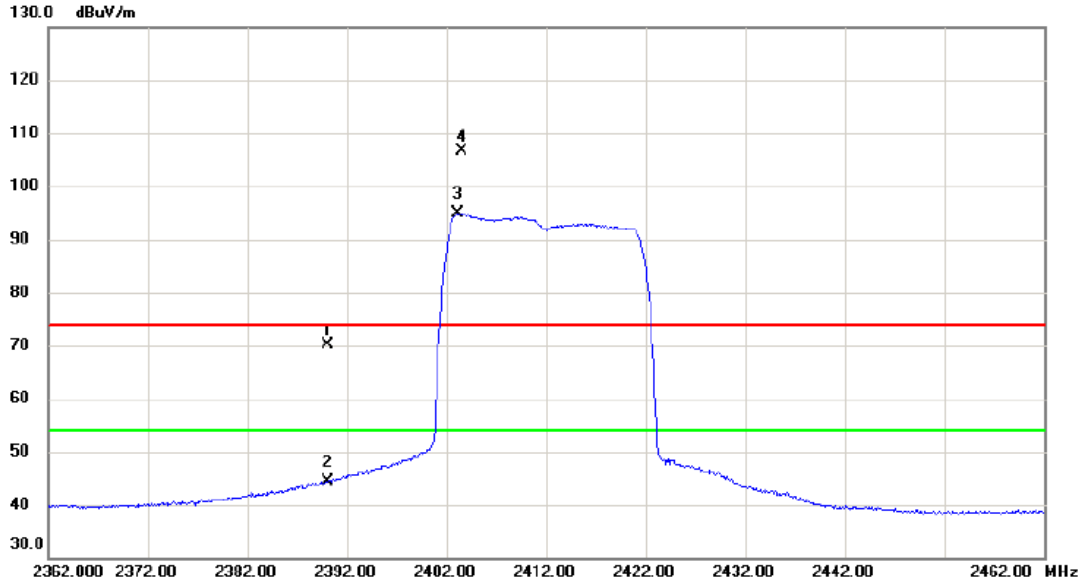
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9450	28.20	6.53	34.73	54.00	-19.27	AVG	
2	4843.5900	37.69	6.57	44.26	74.00	-29.74	Peak	

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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	59.52	10.50	70.02	74.00	-3.98	peak	
2		2390.000	33.77	10.50	44.27	54.00	-9.73	AVG	
3	*	2403.200	84.38	10.54	94.92	54.00	40.92	AVG	No Limit
4	X	2403.500	96.18	10.54	106.72	74.00	32.72	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

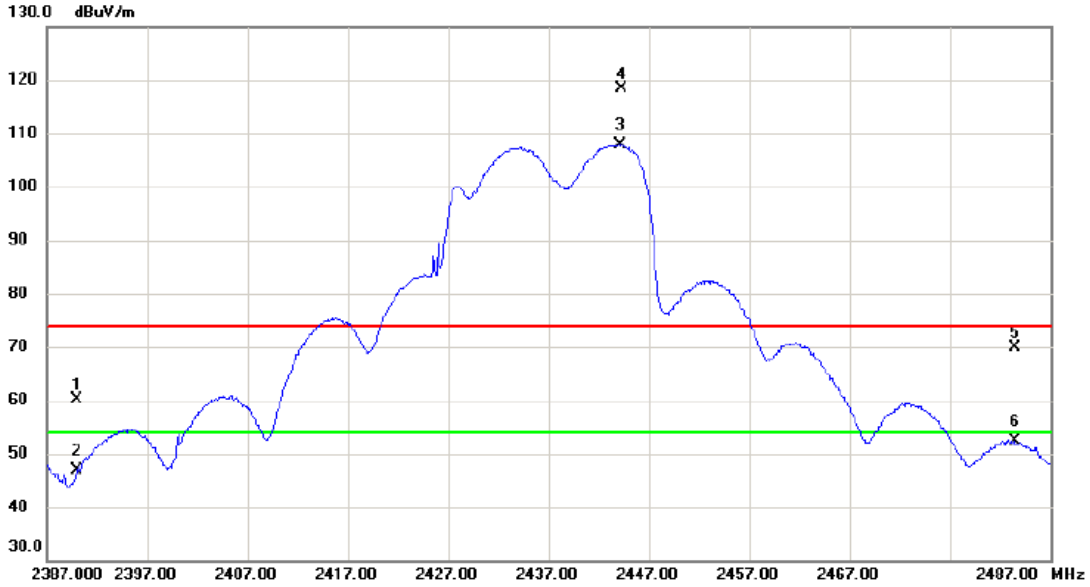
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4821.9800	35.01	6.52	41.53	74.00	-32.47	Peak	
2 *	4824.0900	21.88	6.53	28.41	54.00	-25.59	AVG	

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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	49.70	10.50	60.20	74.00	-13.80	peak	
2		2390.000	36.44	10.50	46.94	54.00	-7.06	AVG	
3	*	2444.200	97.18	10.66	107.84	54.00	53.84	AVG	No Limit
4	X	2444.300	107.67	10.66	118.33	74.00	44.33	peak	No Limit
5		2483.500	59.22	10.76	69.98	74.00	-4.02	peak	
6		2483.500	41.53	10.76	52.29	54.00	-1.71	AVG	

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

Test Mode:	TX AX-20M Mode 2437 MHz

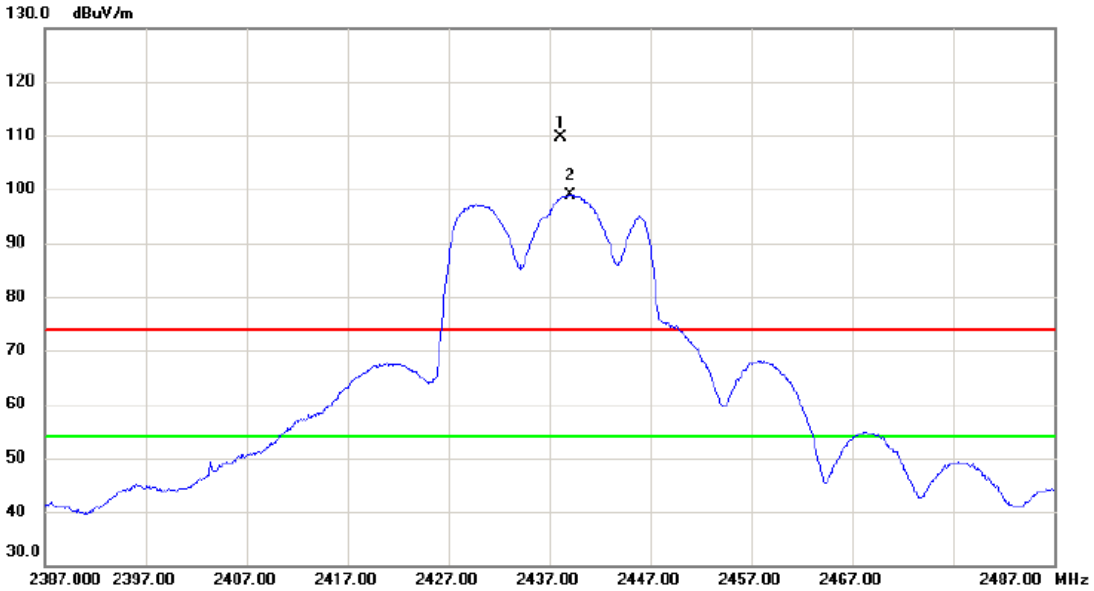
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4843.8950	28.21	6.57	34.78	54.00	-19.22	AVG	
2	4873.9750	38.84	6.65	45.49	74.00	-28.51	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2438.200	99.02	10.63	109.65	74.00	35.65	peak	No Limit
2	*	2439.000	88.24	10.64	98.88	54.00	44.88	AVG	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

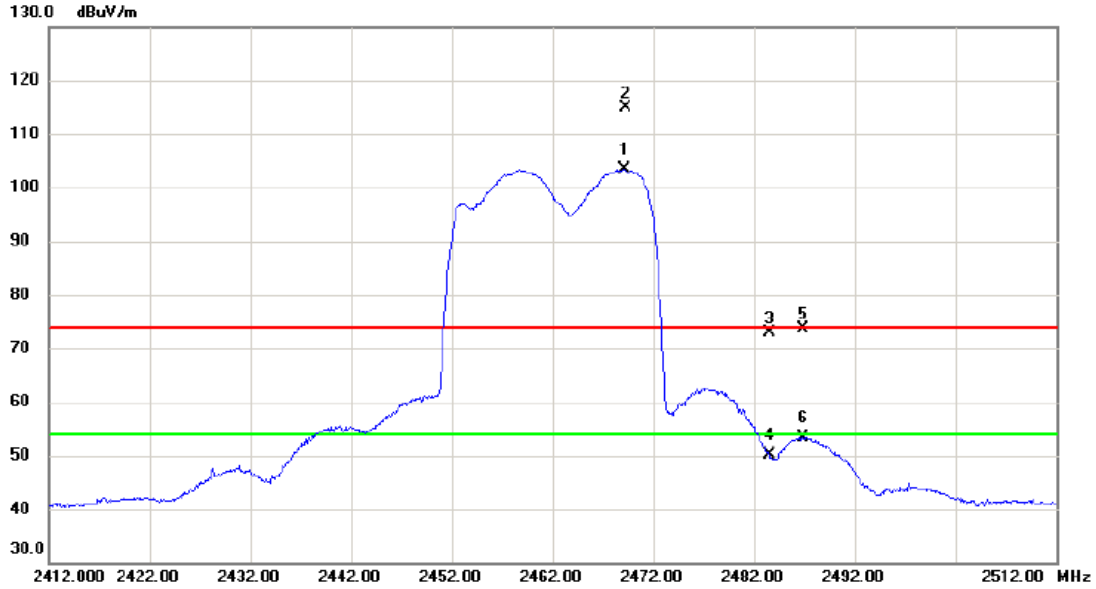
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4871.7050	22.59	6.64	29.23	54.00	-24.77	AVG	
2	4874.9800	36.27	6.65	42.92	74.00	-31.08	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2469.100	92.63	10.72	103.35	54.00	49.35	AVG	No Limit
2	X	2469.300	104.12	10.72	114.84	74.00	40.84	peak	No Limit
3		2483.500	62.02	10.76	72.78	74.00	-1.22	peak	
4		2483.500	39.28	10.76	50.04	54.00	-3.96	AVG	
5		2486.800	62.88	10.77	73.65	74.00	-0.35	peak	
6		2486.800	42.59	10.77	53.36	54.00	-0.64	AVG	

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

Test Mode:	TX AX-20M Mode 2462 MHz

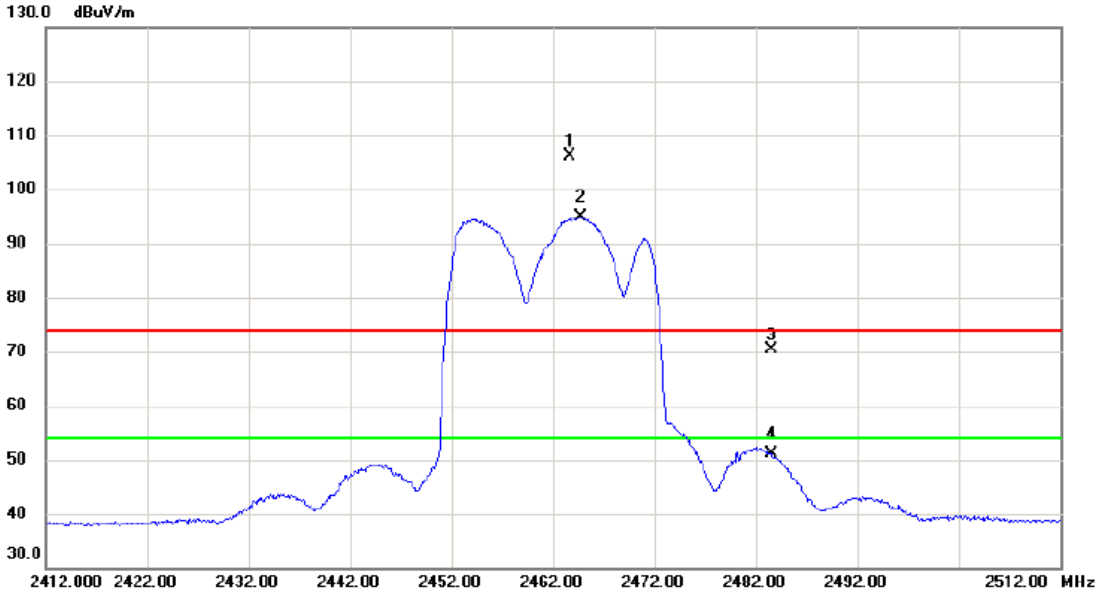
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4844.2570	37.59	6.58	44.17	74.00	-29.83	Peak	
2 *	4923.9880	28.08	6.77	34.85	54.00	-19.15	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2463.700	95.43	10.71	106.14	74.00	32.14	peak	No Limit
2	*	2464.700	84.10	10.71	94.81	54.00	40.81	AVG	No Limit
3		2483.500	59.51	10.76	70.27	74.00	-3.73	peak	
4		2483.500	40.34	10.76	51.10	54.00	-2.90	AVG	

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

Test Mode:	TX AX-20M Mode 2462 MHz

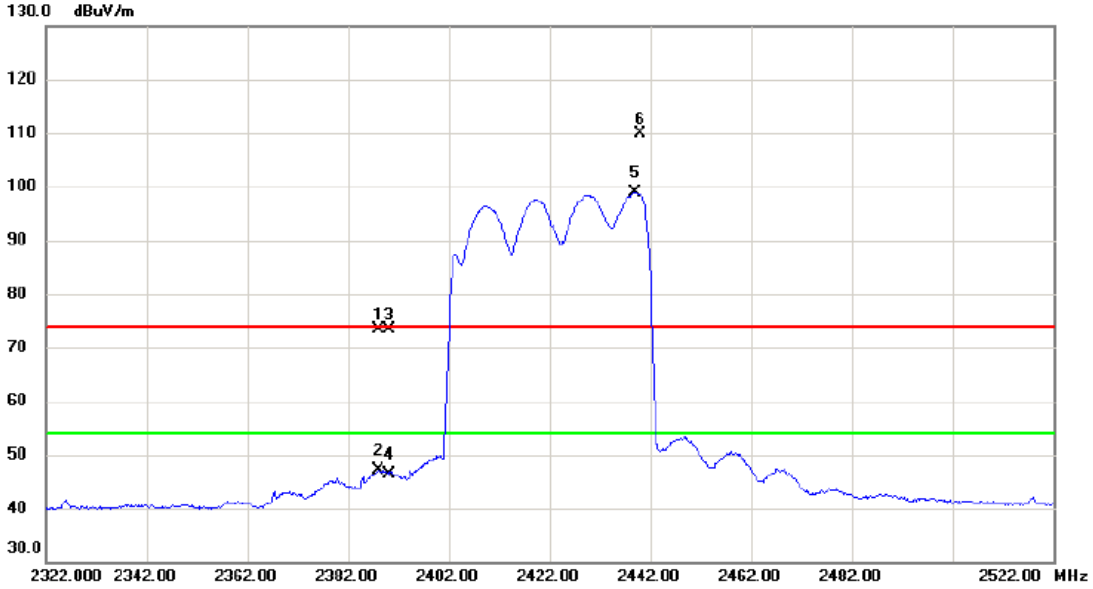
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4925.1200	35.92	6.78	42.70	74.00	-31.30	Peak	
2 *	4926.3900	22.83	6.78	29.61	54.00	-24.39	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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2388.000	62.96	10.49	73.45	74.00	-0.55	peak	
2		2388.000	36.61	10.49	47.10	54.00	-6.90	AVG	
3		2390.000	62.82	10.50	73.32	74.00	-0.68	peak	
4		2390.000	35.98	10.50	46.48	54.00	-7.52	AVG	
5	*	2438.800	88.28	10.64	98.92	54.00	44.92	AVG	No Limit
6	X	2440.000	99.14	10.64	109.78	74.00	35.78	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

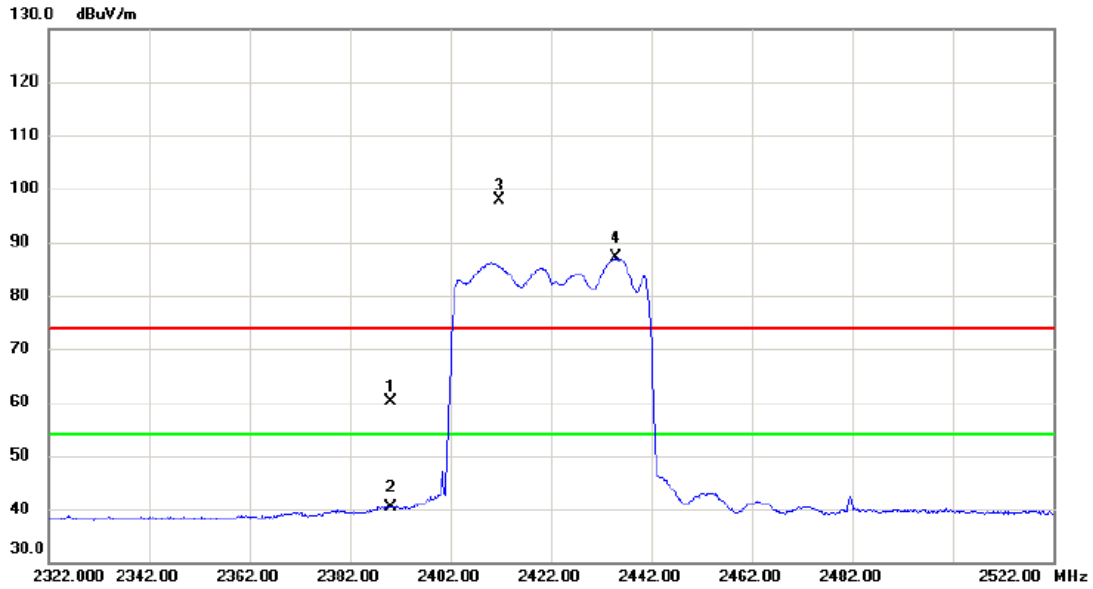
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.9129	38.55	6.57	45.12	74.00	-28.88	Peak	
2 *	4843.9580	28.18	6.57	34.75	54.00	-19.25	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

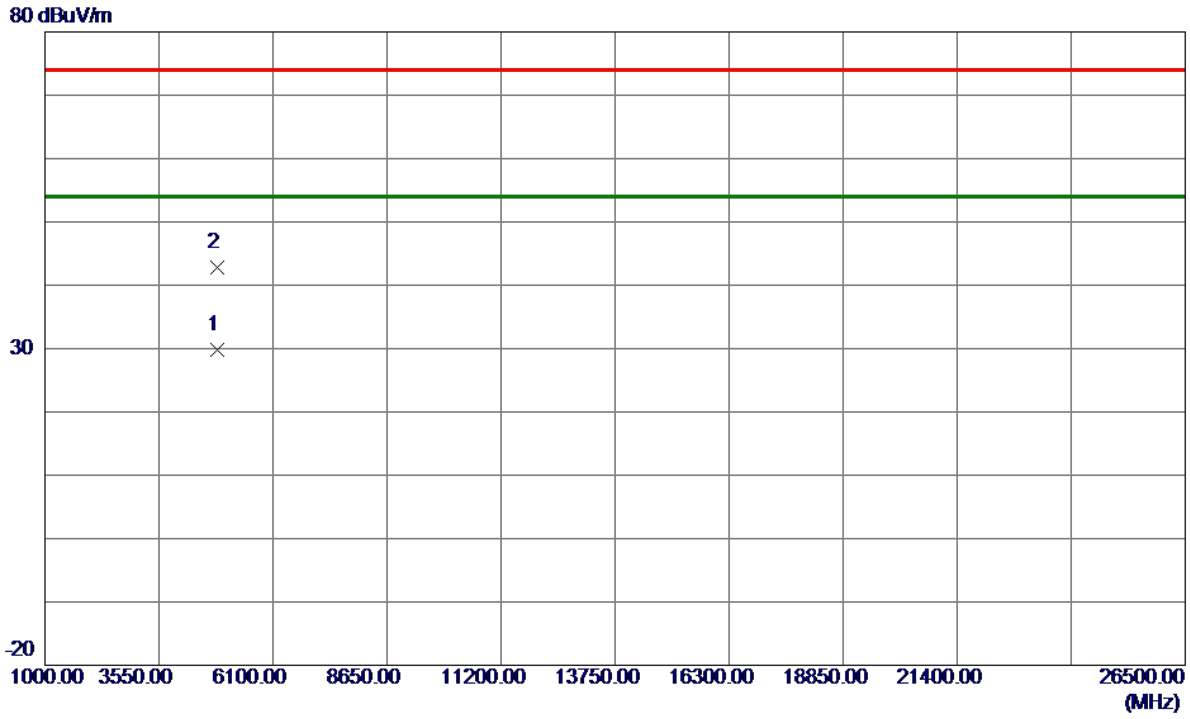


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	49.63	10.50	60.13	74.00	-13.87	peak	
2		2390.000	29.89	10.50	40.39	54.00	-13.61	AVG	
3	X	2411.800	87.39	10.56	97.95	74.00	23.95	peak	No Limit
4	*	2435.000	76.43	10.62	87.05	54.00	33.05	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

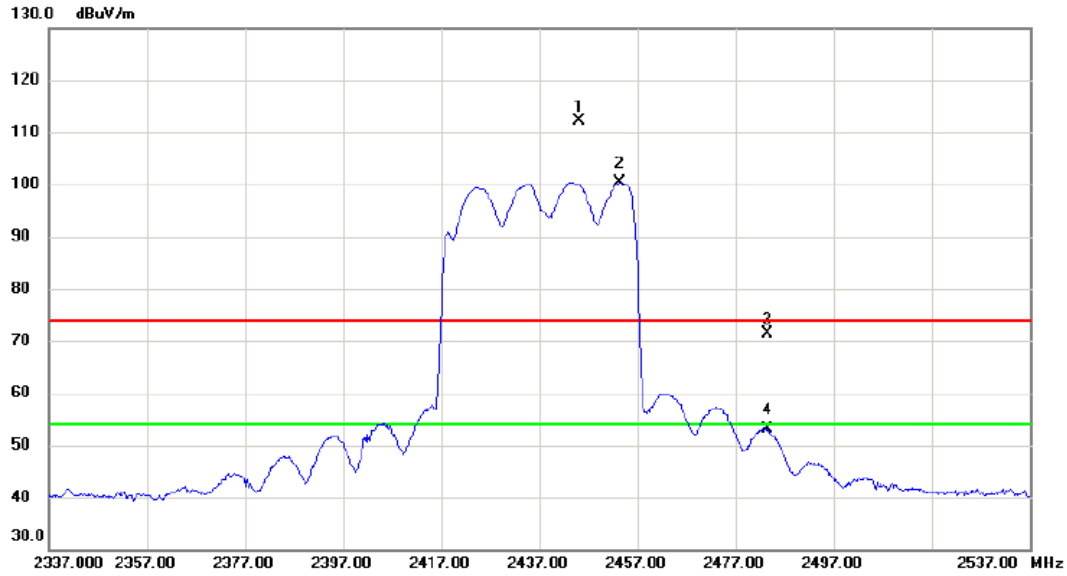


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4841.7950	23.19	6.57	29.76	54.00	-24.24	AVG	
2	4844.1700	36.18	6.58	42.76	74.00	-31.24	Peak	

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.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2445.200	101.51	10.66	112.17	74.00	38.17	peak	No Limit
2	*	2453.400	89.81	10.68	100.49	54.00	46.49	AVG	No Limit
3		2483.500	60.74	10.76	71.50	74.00	-2.50	peak	
4		2483.500	42.33	10.76	53.09	54.00	-0.91	AVG	

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

Test Mode:	TX AX-40M Mode 2437 MHz

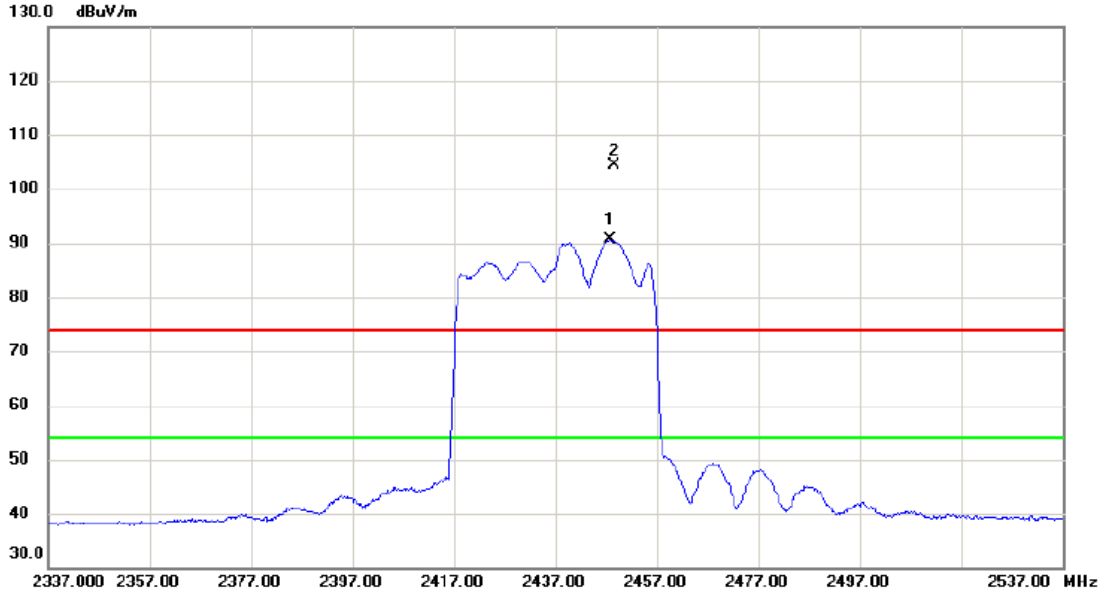
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.9500	28.20	6.65	34.85	54.00	-19.15	AVG	
2	4874.0550	37.51	6.65	44.16	74.00	-29.84	Peak	

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

Test Mode:	TX AX-40M Mode 2437 MHz

Horizontal

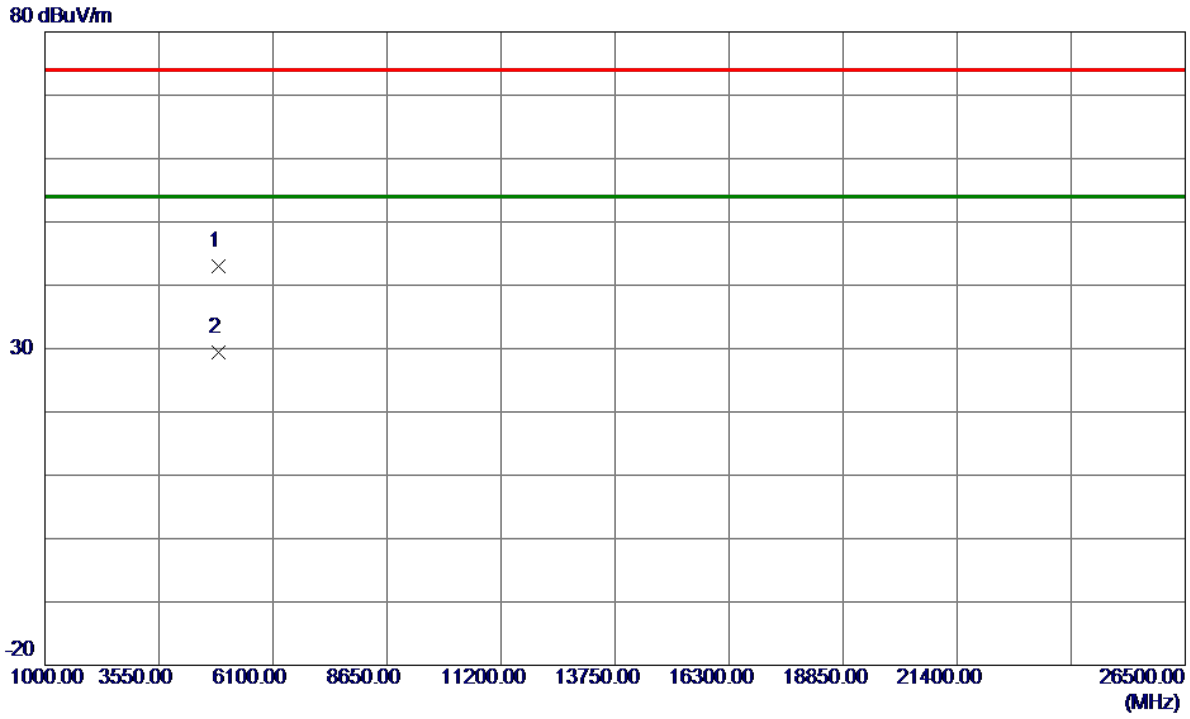


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2447.800	79.87	10.67	90.54	54.00	36.54	AVG	No Limit
2	X	2448.600	93.73	10.67	104.40	74.00	30.40	peak	No Limit

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

Test Mode:	TX AX-40M Mode 2437 MHz

Horizontal

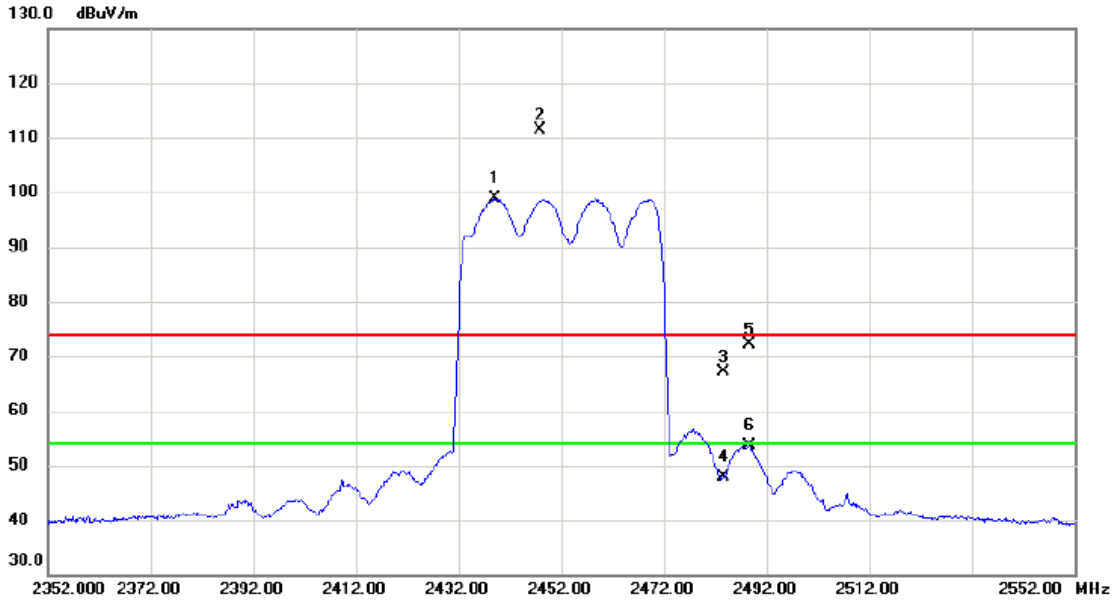


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4873.3600	36.34	6.65	42.99	74.00	-31.01	Peak	
2 *	4874.0750	22.72	6.65	29.37	54.00	-24.63	AVG	

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

Test Mode:	TX AX-40M Mode 2452 MHz

Vertical

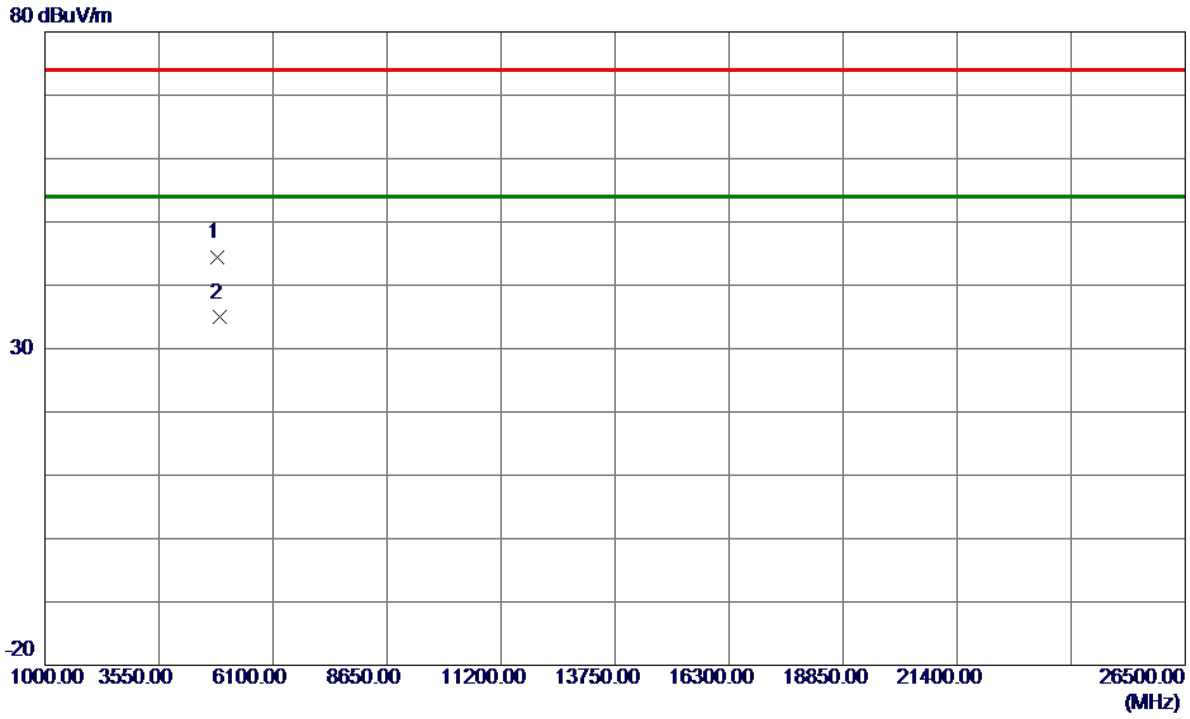


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2439.000	88.16	10.64	98.80	54.00	44.80	AVG	No Limit
2	X	2447.800	100.64	10.67	111.31	74.00	37.31	peak	No Limit
3		2483.500	56.34	10.76	67.10	74.00	-6.90	peak	
4		2483.500	37.15	10.76	47.91	54.00	-6.09	AVG	
5		2488.600	61.27	10.78	72.05	74.00	-1.95	peak	
6		2488.600	42.93	10.78	53.71	54.00	-0.29	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

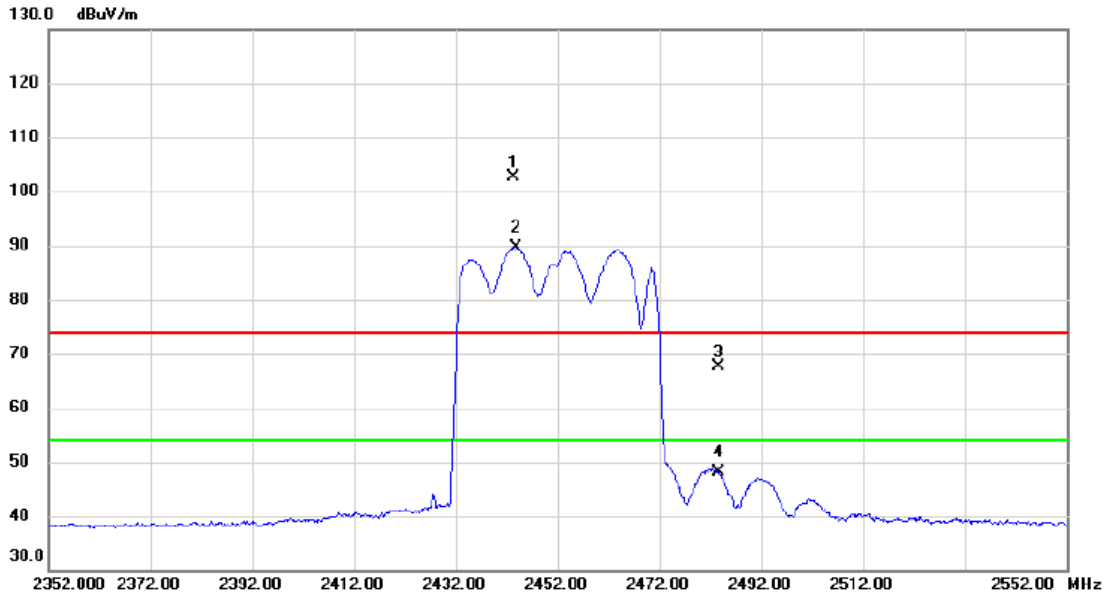


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4843.6930	37.87	6.57	44.44	74.00	-29.56	Peak	
2 *	4903.9650	28.18	6.72	34.90	54.00	-19.10	AVG	

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

Test Mode:	TX AX-40M Mode 2452 MHz

Horizontal

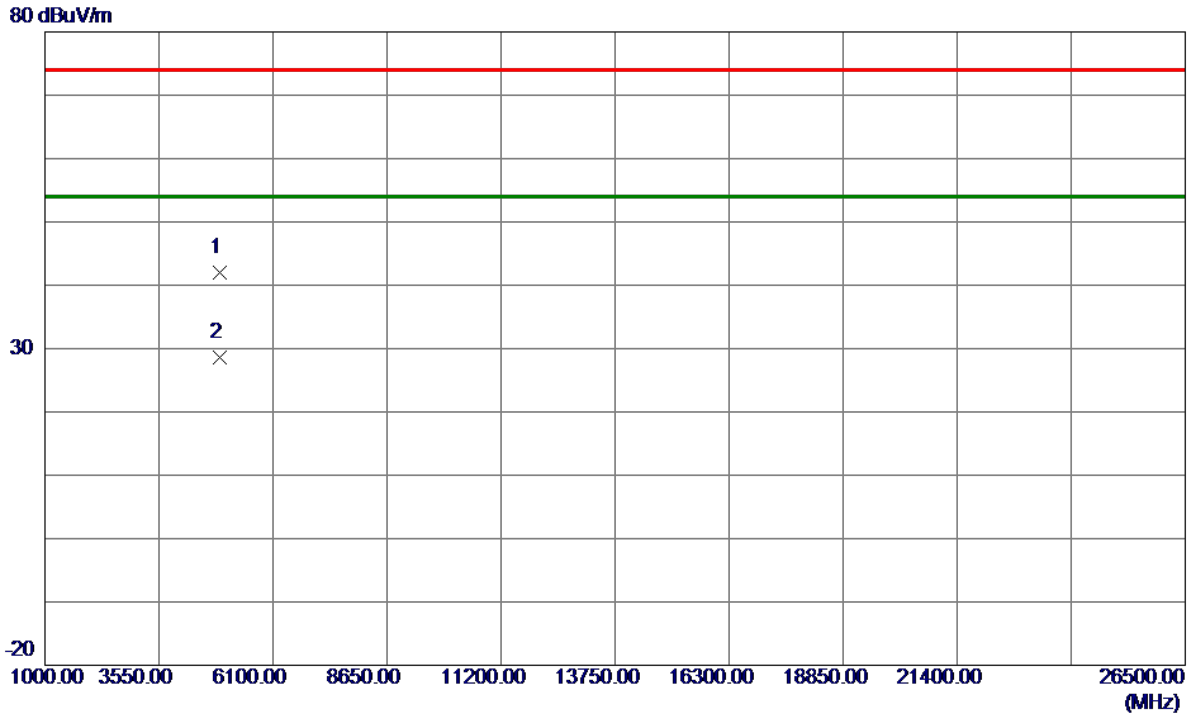


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2443.400	91.98	10.65	102.63	74.00	28.63	peak	No Limit
2	*	2443.800	78.89	10.65	89.54	54.00	35.54	AVG	No Limit
3		2483.500	56.88	10.76	67.64	74.00	-6.36	peak	
4		2483.500	37.25	10.76	48.01	54.00	-5.99	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



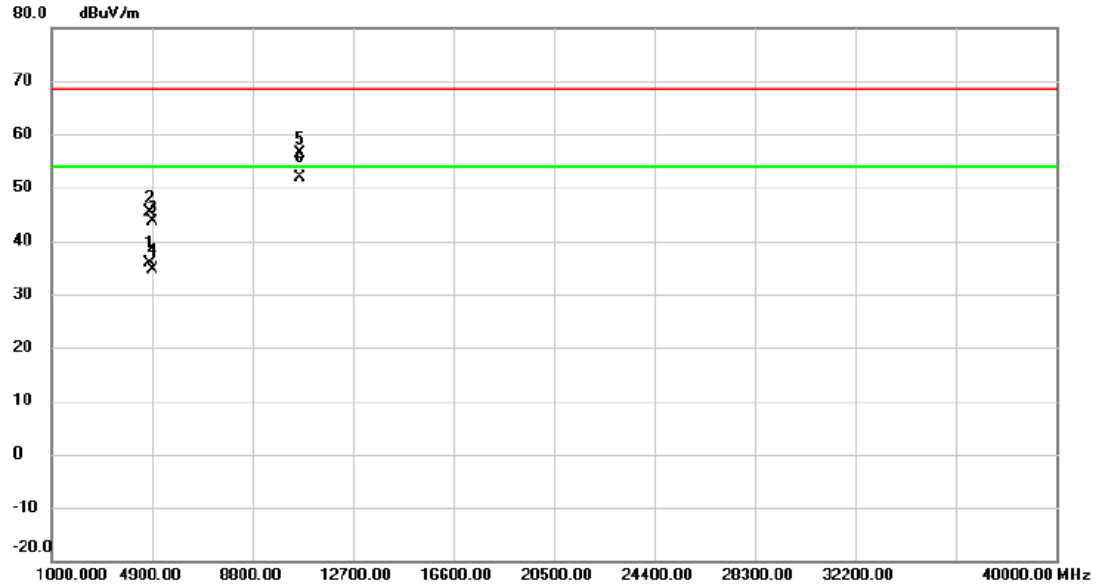
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4904.3000	35.21	6.72	41.93	74.00	-32.07	Peak	
2 *	4906.0650	21.94	6.73	28.67	54.00	-25.33	AVG	

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

The worst case of simultaneous transmission:

Test Mode :	TX Bluetooth LE 1Mbps 2402MHz + WLAN 2.4G AX40 Mode 2452MHz + WLAN 5G A Mode 5320MHz

Vertical

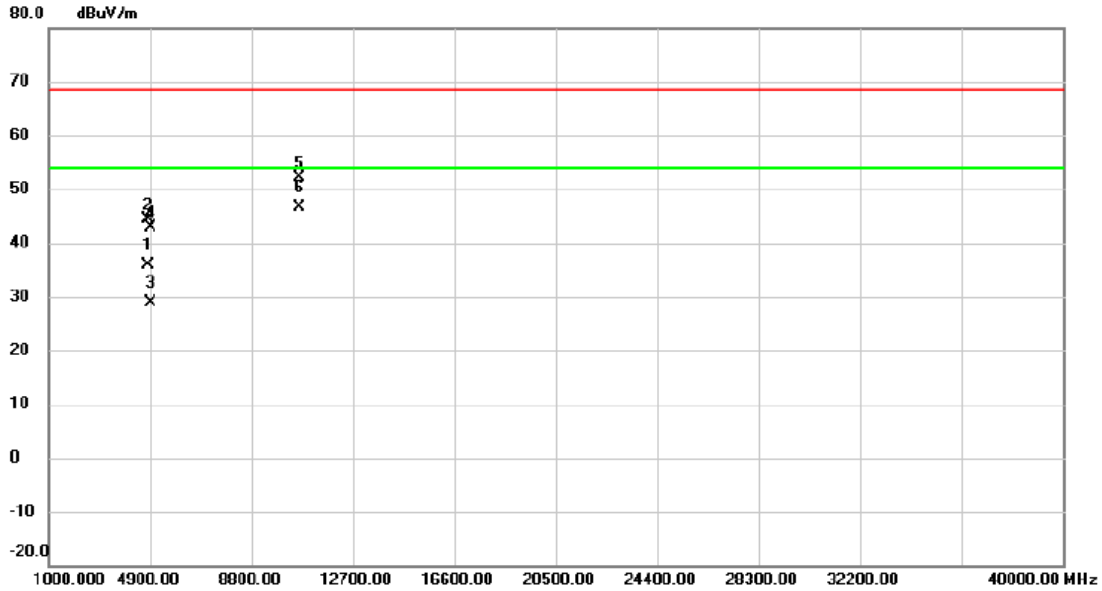


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4804.963	29.49	6.48	35.97	54.00	-18.03	AVG	
2		4805.101	38.95	6.48	45.43	68.30	-22.87	peak	
3		4903.998	36.80	6.73	43.53	68.30	-24.77	peak	
4		4904.120	27.96	6.73	34.69	54.00	-19.31	AVG	
5		10640.117	41.23	15.17	56.40	68.30	-11.90	peak	
6	*	10640.253	36.81	15.17	51.98	54.00	-2.02	AVG	

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

Test Mode :	TX Bluetooth LE 1Mbps 2402MHz + WLAN 2.4G AX40 Mode 2452MHz + WLAN 5G A Mode 5320MHz

Horizontal



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4804.008	29.48	6.48	35.96	54.00	-18.04	AVG	
2		4804.258	37.88	6.48	44.36	68.30	-23.94	peak	
3		4903.986	22.15	6.73	28.88	54.00	-25.12	AVG	
4		4905.127	36.19	6.73	42.92	68.30	-25.38	peak	
5		10639.896	36.93	15.17	52.10	68.30	-16.20	peak	
6	*	10639.989	31.53	15.17	46.70	54.00	-7.30	AVG	

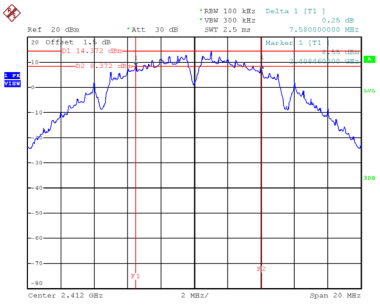
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

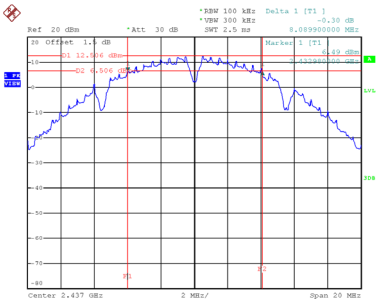
Test Mode	TX B Mode

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	7.58	500	Complies
06	2437	8.09	500	Complies
11	2462	7.71	500	Complies

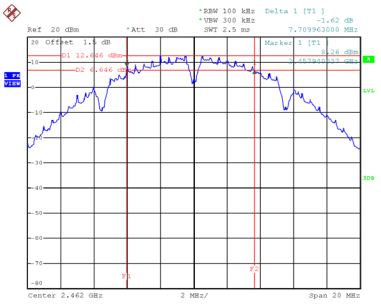
CH01



CH06

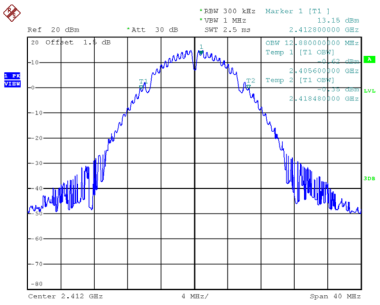


CH11

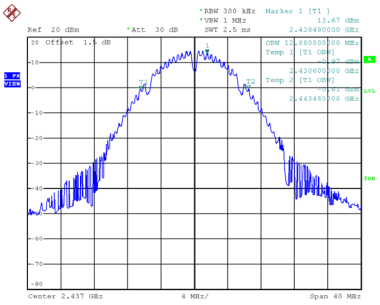


Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	12.88	Complies
06	2437	12.88	Complies
11	2462	12.96	Complies

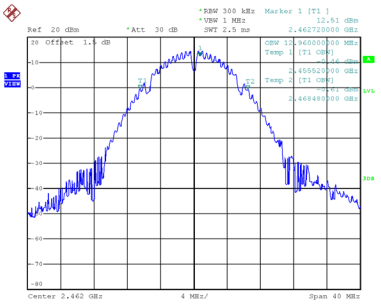
CH01



CH06



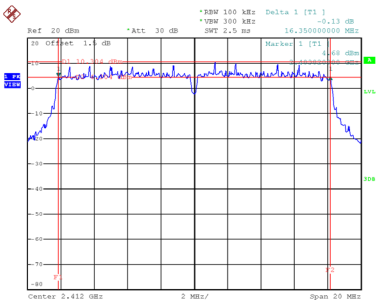
CH11



Test Mode	TX G Mode

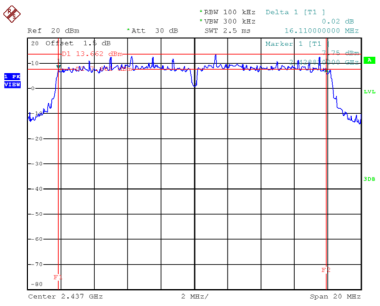
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	16.35	500	Complies
06	2437	16.11	500	Complies
11	2462	16.42	500	Complies

CH01



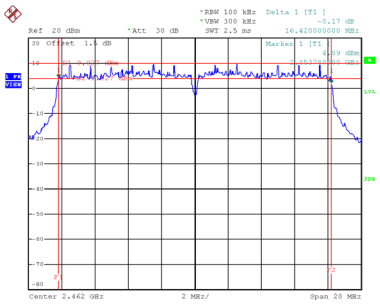
Date: 29.JUN.2020 16:27:56

CH06



Date: 29.JUN.2020 16:29:48

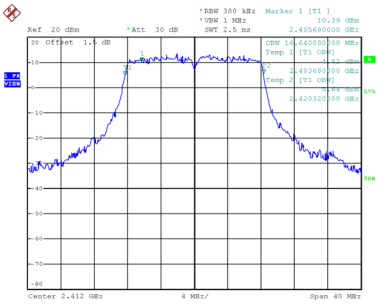
CH11



Date: 29.JUN.2020 16:31:25

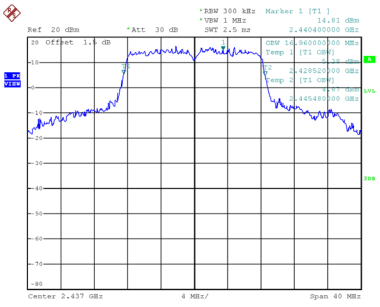
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	16.64	Complies
06	2437	16.96	Complies
11	2462	16.64	Complies

CH01



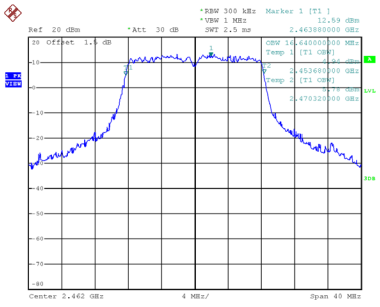
Date: 29.JUN.2020 16:28:03

CH06



Date: 29.JUN.2020 16:29:55

CH11

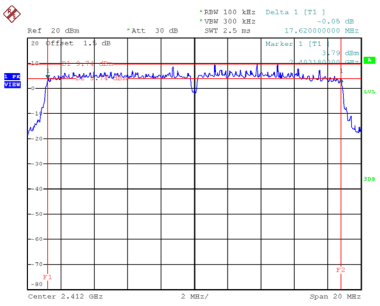


Date: 29.JUN.2020 16:31:32

Test Mode	TX N-20M Mode

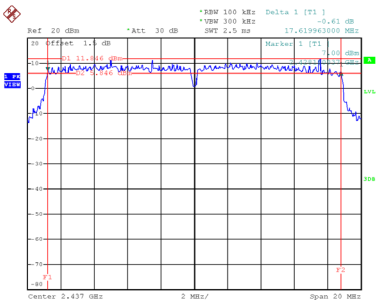
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	17.62	500	Complies
06	2437	17.62	500	Complies
11	2462	17.24	500	Complies

CH01



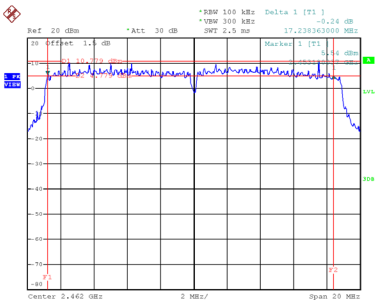
Date: 29.JUN.2020 16:34:00

CH06



Date: 29.JUN.2020 16:35:42

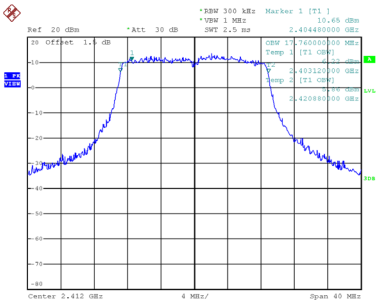
CH11



Date: 29.JUN.2020 16:37:17

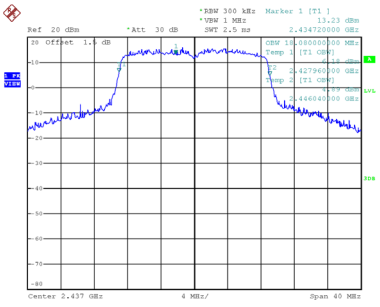
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	17.76	Complies
06	2437	18.08	Complies
11	2462	17.76	Complies

CH01



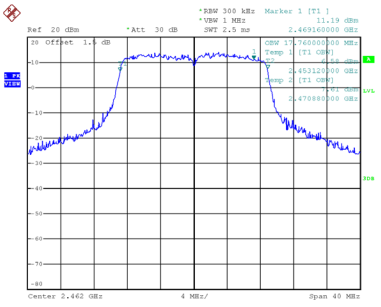
Date: 29.JUN.2020 16:34:07

CH06



Date: 29.JUN.2020 16:35:50

CH11

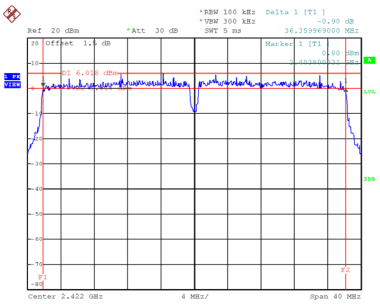


Date: 29.JUN.2020 16:37:25

Test Mode	TX N-40M Mode

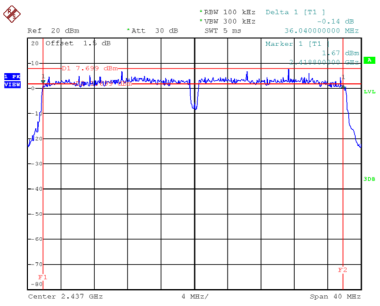
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
03	2422	36.36	500	Complies
06	2437	36.04	500	Complies
09	2452	35.52	500	Complies

CH03



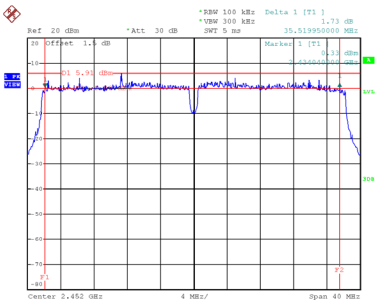
Date: 29.JUN.2020 16:39:13

CH06



Date: 29.JUN.2020 16:41:48

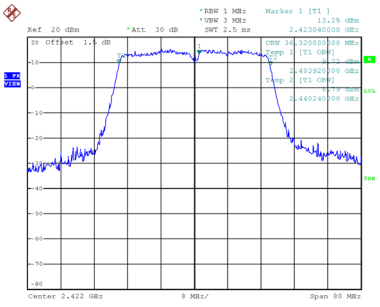
CH09



Date: 29.JUN.2020 16:44:24

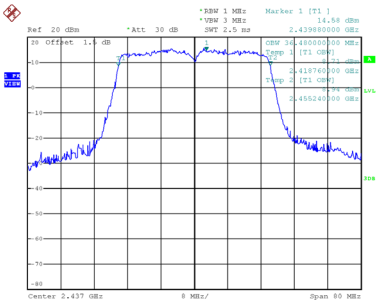
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
03	2422	36.32	Complies
06	2437	36.48	Complies
09	2452	36.48	Complies

CH03



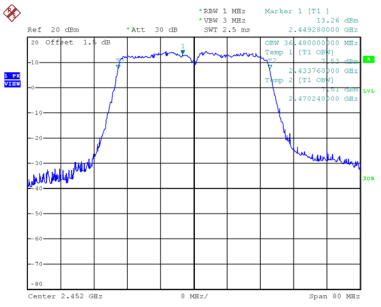
Date: 29.JUN.2020 16:39:20

CH06



Date: 29.JUN.2020 19:27:15

CH09

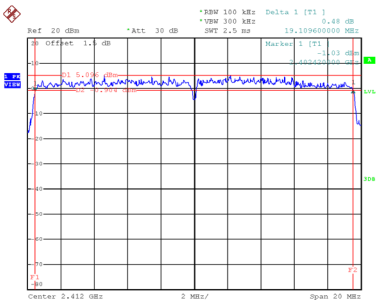


Date: 29.JUN.2020 16:44:32

Test Mode	TX AX-20M Mode

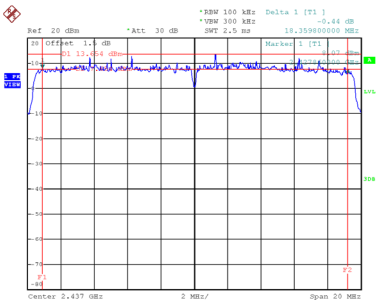
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	19.11	500	Complies
06	2437	18.36	500	Complies
11	2462	18.87	500	Complies

CH01



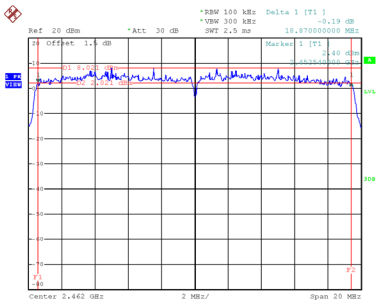
Date: 29.JUN.2020 16:48:27

CH06



Date: 29.JUN.2020 16:50:10

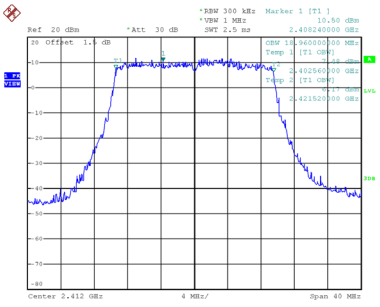
CH11



Date: 29.JUN.2020 16:51:40

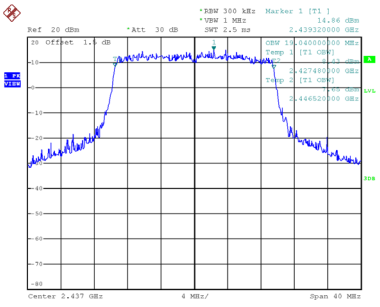
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	18.96	Complies
06	2437	19.04	Complies
11	2462	19.04	Complies

CH01



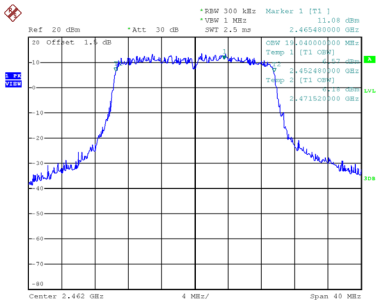
Date: 29.JUN.2020 16:48:35

CH06



Date: 29.JUN.2020 18:54:18

CH11

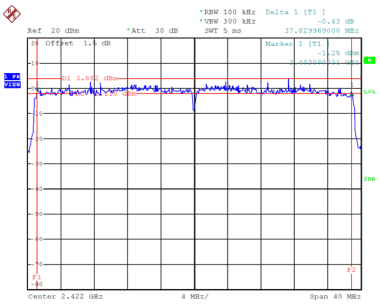


Date: 29.JUN.2020 16:51:48

Test Mode	TX AX-40M Mode

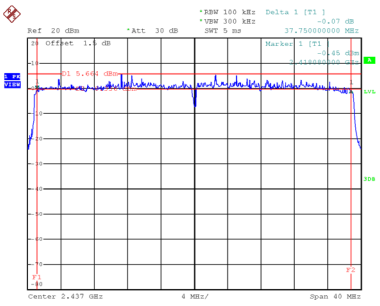
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
03	2422	37.83	500	Complies
06	2437	37.75	500	Complies
09	2452	38.04	500	Complies

CH03



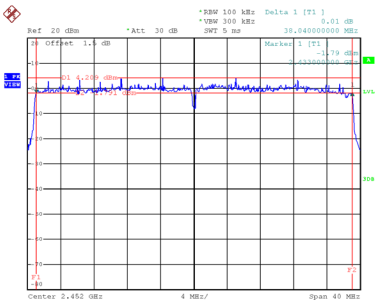
Date: 29.JUN.2020 16:54:24

CH06



Date: 29.JUN.2020 16:55:56

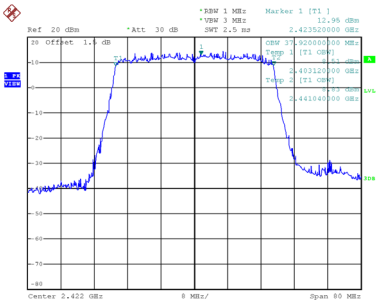
CH09



Date: 29.JUN.2020 16:59:09

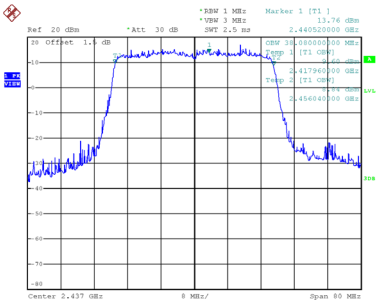
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
03	2422	37.92	Complies
06	2437	38.08	Complies
09	2452	38.08	Complies

CH03



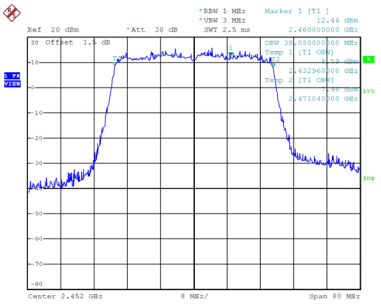
Date: 29.JUN.2020 16:54:32

CH06



Date: 29.JUN.2020 16:56:04

CH09



Date: 29.JUN.2020 16:59:17

APPENDIX F - MAXIMUM OUTPUT POWER

Test Mode	TX B 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	14.48	5.16	19.64	30.00	1.0000	Complies
06	2437	14.27	5.16	19.43	30.00	1.0000	Complies
11	2462	14.31	5.16	19.47	30.00	1.0000	Complies

Test Mode	TX B 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	14.51	5.16	19.67	30.00	1.0000	Complies
06	2437	14.44	5.16	19.60	30.00	1.0000	Complies
11	2462	14.39	5.16	19.55	30.00	1.0000	Complies

Test Mode	TX B Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.67	27.59	0.5741	Complies
06	2437	22.53	27.59	0.5741	Complies
11	2462	22.52	27.59	0.5741	Complies

Test Mode	TX G 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	18.95	0.37	19.32	30.00	1.0000	Complies
06	2437	19.06	0.37	19.43	30.00	1.0000	Complies
11	2462	19.03	0.37	19.40	30.00	1.0000	Complies

Test Mode	TX G 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	18.88	0.37	19.25	30.00	1.0000	Complies
06	2437	19.14	0.37	19.51	30.00	1.0000	Complies
11	2462	18.92	0.37	19.29	30.00	1.0000	Complies

Test Mode	TX G Mode_Total

Channel	Frequency (MHz)	Average Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.30	27.59	0.5741	Complies
06	2437	22.48	27.59	0.5741	Complies
11	2462	22.36	27.59	0.5741	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	18.97	0.22	19.19	30.00	1.0000	Complies
06	2437	19.15	0.22	19.37	30.00	1.0000	Complies
11	2462	19.11	0.22	19.33	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	18.92	0.22	19.14	30.00	1.0000	Complies
06	2437	19.08	0.22	19.30	30.00	1.0000	Complies
11	2462	19.03	0.22	19.25	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	22.17	27.59	0.5741	Complies
06	2437	22.34	27.59	0.5741	Complies
11	2462	22.30	27.59	0.5741	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	19.11	0.38	19.49	30.00	1.0000	Complies
06	2437	18.84	0.38	19.22	30.00	1.0000	Complies
09	2452	18.73	0.38	19.11	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	18.95	0.38	19.33	30.00	1.0000	Complies
06	2437	18.76	0.38	19.14	30.00	1.0000	Complies
09	2452	18.61	0.38	18.99	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	22.42	27.59	0.5741	Complies
06	2437	22.19	27.59	0.5741	Complies
09	2452	22.06	27.59	0.5741	Complies

Test Mode	TX AX-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	18.31	0.22	18.53	30.00	1.0000	Complies
06	2437	18.97	0.22	19.19	30.00	1.0000	Complies
11	2462	19.31	0.22	19.53	30.00	1.0000	Complies

Test Mode	TX AX-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	18.07	0.22	18.29	30.00	1.0000	Complies
06	2437	18.76	0.22	18.98	30.00	1.0000	Complies
11	2462	19.24	0.22	19.46	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	27.59	0.5741	Complies
06	2437	22.09	27.59	0.5741	Complies
11	2462	22.50	27.59	0.5741	Complies