FCC Radio Test Report

FCC ID: 2AXJ4T2E

This report concerns: Original Grant

Project No.	:	2012C099
Equipment	:	AC600 Wireless Dual Band PCI Express Adapter
Brand Name	:	tp-link
Test Model	:	Archer T2E
Series Model	:	N/A
Applicant	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Manufacturer	:	TP-Link Corporation Limited
Address	:	Room 901, 9/F. , New East Ocean Centre, 9 Science Museum Road, Tsim Sha Tsui, Kowloon, Hong Kong
Date of Receipt	:	Dec. 26, 2020
Date of Test	:	Dec. 28, 2020 ~ Feb. 08, 2021
Issued Date	:	Feb. 25, 2021
Report Version	:	R00
Test Sample	:	Engineering Sample No.:DG2028121656 for radiated, DG2028121658 for conducted.
Standard(s)	:	FCC Part15, Subpart C (15.247) ANSI C63.10-2013 FCC KDB 558074 D01 15.247 Meas Guidance v05r02

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

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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.

Table of Contents Page

REPORT ISSUED HISTORY 6

1 . SUMMARY OF TEST RESULTS 7

1.1 TEST FACILITY 8

1.2 MEASUREMENT UNCERTAINTY 8

1.3 TEST ENVIRONMENT CONDITIONS 9

2 . GENERAL INFORMATION 10

2.1 GENERAL DESCRIPTION OF EUT 10

2.2 DESCRIPTION OF TEST MODES 11

2.3 PARAMETERS OF TEST SOFTWARE 12

2.4 DUTY CYCLE 13

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED 15

2.6 SUPPORT UNITS 15

3 . AC POWER LINE CONDUCTED EMISSIONS TEST 16

3.1 LIMIT 16

3.2 TEST PROCEDURE 16

3.3 DEVIATION FROM TEST STANDARD 16

3.4 TEST SETUP 17

3.5 EUT OPERATION CONDITIONS 17

3.6 TEST RESULTS 17

4 . RADIATED EMISSIONS TEST 18

4.1 LIMIT 18

4.2 TEST PROCEDURE 19

4.3 DEVIATION FROM TEST STANDARD 19

4.4 TEST SETUP 20

4.5 EUT OPERATION CONDITIONS 21

4.6 TEST RESULTS - 9 KHZ TO 30 MHZ 21

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ 21

4.8 TEST RESULTS - ABOVE 1000 MHZ 21

5 . BANDWIDTH TEST 22

5.1 LIMIT 22

5.2 TEST PROCEDURE 22

5.3 DEVIATION FROM STANDARD 22

5.4 TEST SETUP 22

Table of Contents Page

5.5 EUT OPERATION CONDITIONS 22
5.6 TEST RESULTS 22
6 . MAXIMUM AVERAGE OUTPUT POWER TEST 23
6.1 LIMIT 23
6.2 TEST PROCEDURE 23
6.3 DEVIATION FROM STANDARD 23
6.4 TEST SETUP 23
6.5 EUT OPERATION CONDITIONS 23
6.6 TEST RESULTS 23
7 . CONDUCTED SPURIOUS EMISSIONS 24
7.1 LIMIT 24
7.2 TEST PROCEDURE 24
7.3 DEVIATION FROM STANDARD 24
7.4 TEST SETUP 24
7.5 EUT OPERATION CONDITIONS 24
7.6 TEST RESULTS 24
8 . POWER SPECTRAL DENSITY TEST 25
8.1 LIMIT 25
8.2 TEST PROCEDURE 25
8.3 DEVIATION FROM STANDARD 25
8.4 TEST SETUP 25
8.5 EUT OPERATION CONDITIONS 25
8.6 TEST RESULTS 25
9 . MEASUREMENT INSTRUMENTS LIST 26
10 . EUT TEST PHOTO 28
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS 33
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ 36
APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ 41
APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ 44
APPENDIX E - BANDWIDTH 165
APPENDIX F - MAXIMUM AVERAGE OUTPUT POWER 172
APPENDIX G - CONDUCTED SPURIOUS EMISSIONS 175

Table of Contents **Page**

APPENDIX H - POWER SPECTRAL DENSITY **182**

REPORT ISSUED HISTORY

Report Version	Description	Issued Date
R00	Original Issue.	Feb. 25, 2021

1. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC Part15, Subpart C (15.247)				
Standard(s) Section	**Test Item**	**Test Result**	**Judgment**	**Remark**
15.207	AC Power Line Conducted Emissions	APPENDIX A	N/A	------
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 Average Output Power	APPENDIX F	PASS	------
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	------
15.247(e)	Power Spectral Density	APPENDIX H	PASS	------
15.203	Antenna Requirement	------	PASS	Note(2)

Note:

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

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

1.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of No.3,Jinshagang 1st Road, Shixia, Dalang Town, Dongguan, Guangdong, China.
BTL's Test Firm Registration Number for FCC: 357015
BTL's Designation Number for FCC: CN1240

1.2 MEASUREMENT UNCERTAINTY

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U, (dB)
DG-C02	CISPR	150kHz ~ 30MHz	2.68

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	Ant. H / V	U, (dB)
DG-CB03	CISPR	9kHz ~ 30MHz	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:

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

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	25°C	53%	DC 3.3V	Gerry Zhao
Radiated Emissions-9K-30MHz	26°C	52%	DC 3.3V	Kwok Guo
Radiated Emissions-30 MHz to 1GHz	26°C	52%	DC 3.3V	Kwok Guo
Radiated Emissions-Above 1000 MHz	26°C	52%	DC 3.3V	Kwok Guo
Bandwidth	24°C	49%	DC 3.3V	Kwok Guo
Maximum Average Output Power	24°C	49%	DC 3.3V	Hand Huang
Conducted Spurious Emissions	24°C	49%	DC 3.3V	Kwok Guo
Power Spectral Density	24°C	49%	DC 3.3V	Kwok Guo

2. GENERAL INFORMATION

2.1 GENERAL DESCRIPTION OF EUT

Equipment	AC600 Wireless Dual Band PCI Express Adapter
Brand Name	tp-link
Test Model	Archer T2E
Series Model	N/A
Model Difference(s)	N/A
Software Version	2020,2024.0.10.127
Hardware Version	1.0
Power Source	DC voltage supplied from external power supply
Power Rating	DC 3.3V
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11vht: 256QAM
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 150 Mbps IEEE 802.11vht: up to 200 Mbps
Maximum Average Output Power	IEEE 802.11b: 18.15 dBm (0.0653 W) IEEE 802.11g: 18.34 dBm (0.0682 W) IEEE 802.11n (HT20): 18.39 dBm (0.0690 W) IEEE 802.11n (HT40): 13.79 dBm (0.0239 W) IEEE vht20: 18.35 dBm (0.0684 W) IEEE vht40: 14.21 dBm (0.0264 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 vht20 CH03 - CH09 for IEEE 802.11n (HT40) , IEEE vht40							
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. Antenna Specification:

Ant.	Brand	P/N	Antenna Type	Connector	Gain (dBi)
1	tp-link	3101503058	Dipole	N/A	2.35

Note:
The antenna gain and beamforming gain is provided by the manufacturer.

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 VHT20 MHz Mode Channel 01/06/11
Mode 6	TX VHT40 MHz Mode Channel 03/06/09
Mode 7	TX B Mode Channel 01/02/06/10/11
Mode 8	TX G Mode Channel 01/02/06/10/11
Mode 9	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 10	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 11	TX VHT20 MHz Mode Channel 01/02/06/10/11
Mode 12	TX VHT40 MHz Mode Channel 03/04/06/08/09
Mode 13	TX N20 Mode Channel 06

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 13	TX N20 Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 13	TX N20 Mode Channel 06

Radiated emissions test- Above 1GHz	
Final Test Mode	Description
Mode 7	TX B Mode Channel 01/02/06/10/11
Mode 8	TX G Mode Channel 01/02/06/10/11
Mode 9	TX N-20 MHz Mode Channel 01/02/06/10/11
Mode 10	TX N-40 MHz Mode Channel 03/04/06/08/09
Mode 11	TX VHT20 MHz Mode Channel 01/02/06/10/11
Mode 12	TX VHT40 MHz Mode Channel 03/04/06/08/09

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 VHT20 MHz Mode Channel 01/06/11
Mode 6	TX VHT40 MHz Mode Channel 03/06/09

NOTE:

(1) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.

(2) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11n(HT20) channel 06 is found to be the worst case and recorded.

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

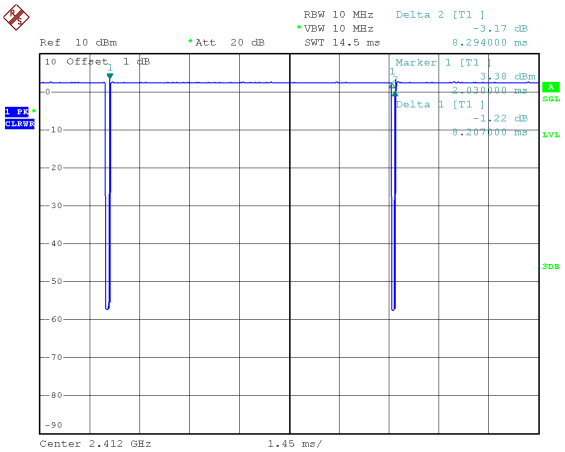
2.3 PARAMETERS OF TEST SOFTWARE

Test Software	MP_Kit_RTL11ac_8821CE_PCIE V8.00

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.

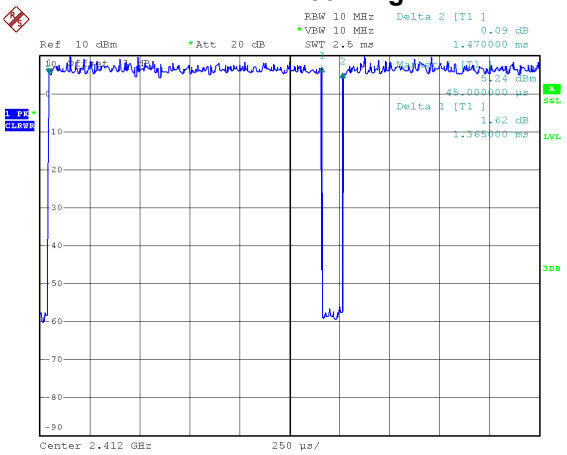
IEEE 802.11b



Date: 21.DEC.2020 14:03:25

Duty cycle = 8.207 ms / 8.294 ms = 98.95%
Duty Factor = 10 log(1/Duty cycle) = 0.00

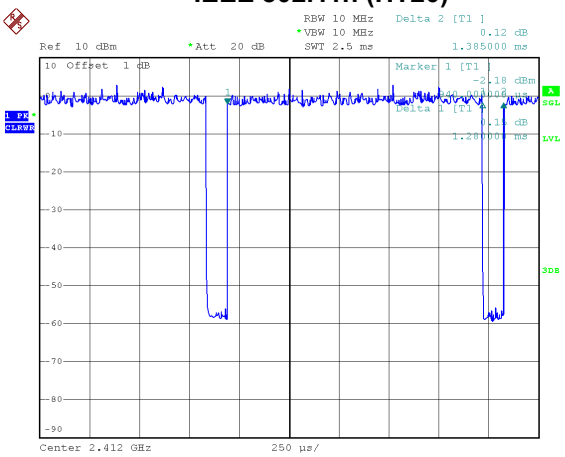
IEEE 802.11g



Date: 21.DEC.2020 14:03:46

Duty cycle = 1.365 ms / 1.470 ms = 92.86%
Duty Factor = 10 log(1/Duty cycle) = 0.32

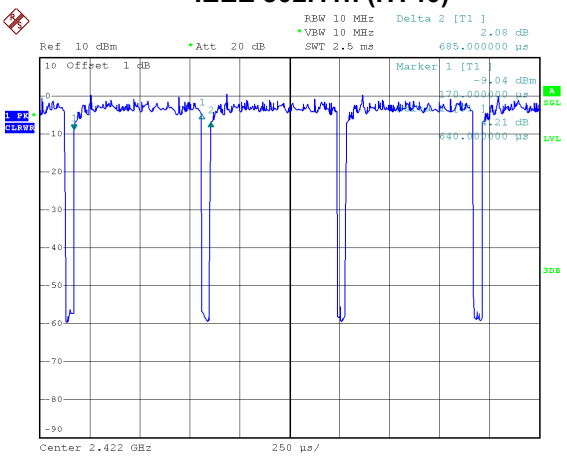
IEEE 802.11n (HT20)



Date: 21.DEC.2020 14:04:24

Duty cycle = 1.280 ms / 1.385 ms = 92.42%
Duty Factor = 10 log(1/Duty cycle) = 0.34

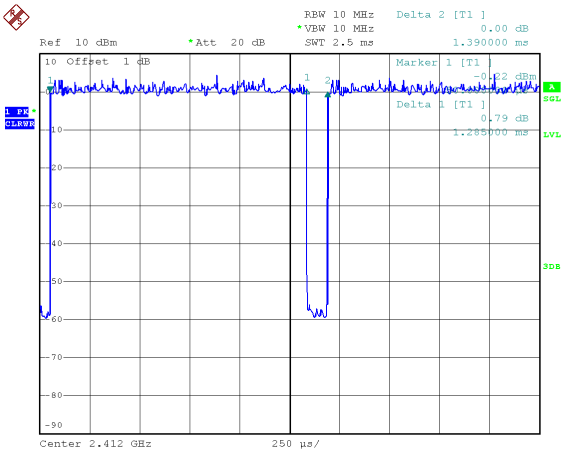
IEEE 802.11n (HT40)



Date: 21.DEC.2020 14:05:27

Duty cycle = 0.640 ms / 0.685 ms = 93.43%
Duty Factor = 10 log(1/Duty cycle) = 0.30

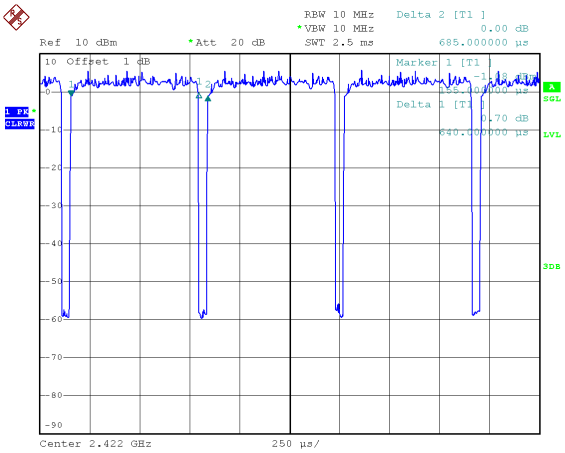
IEEE 802.11 vht20



Date: 21.DEC.2020 14:07:35

Duty cycle = 1.285 ms / 1.390 ms = 92.45%
Duty Factor = 10 log(1/Duty cycle) = 0.34

IEEE 802.11 vht40



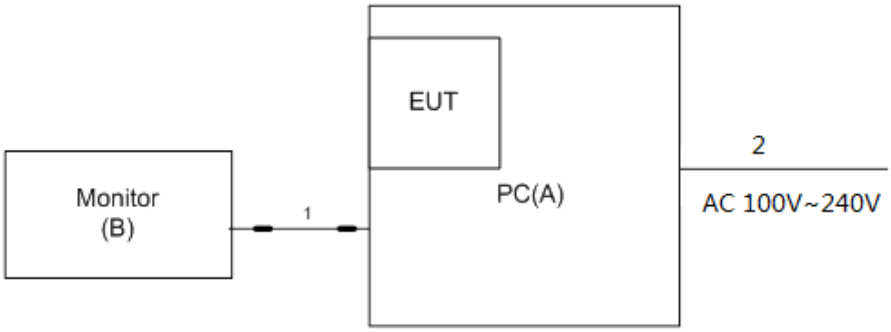
Date: 21.DEC.2020 14:08:05

Duty cycle = 0.640 ms / 0.685 ms = 93.43%
Duty Factor = 10 log(1/Duty cycle) = 0.30

NOTE:
For IEEE 802.11b, IEEE 802.11g, IEEE 802.11n (HT20) and IEEE vht20:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1 kHz (Duty cycle < 98%).

For IEEE 802.11n (HT40) and IEEE vht40:
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 2 kHz (Duty cycle < 98%).

2.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



2.6 SUPPORT UNITS

Item	Equipment	Brand	Model/Type No.	Series No.
A	PC	DELL	DELL XPS	8920-D15N8
B	Monitor	DELL	IPS234TA	202NDPHD6032

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	NO	NO	1.5m
2	D-SUB Cable	NO	NO	1.5m

3. AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

The following table is the setting of the receiver

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

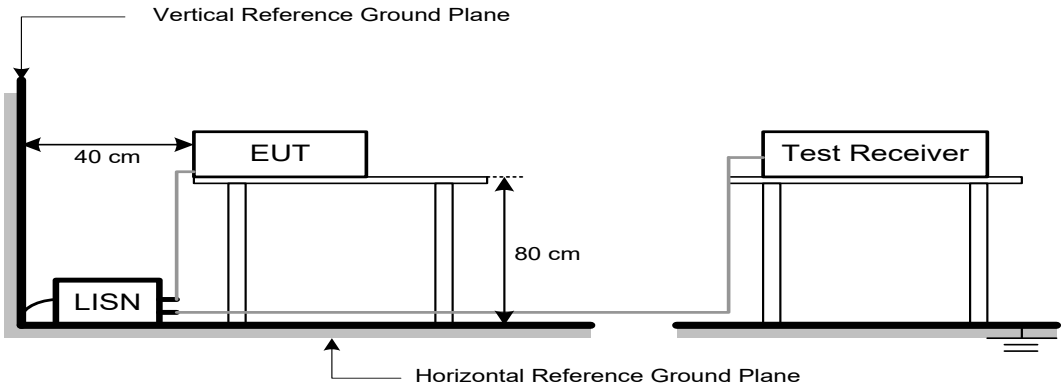
3.2 TEST PROCEDURE

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

3.3 DEVIATION FROM TEST STANDARD

No deviation

3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

3.6 TEST RESULTS

Please refer to the APPENDIX A.

4. RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF RADIATED EMISSION MEASUREMENT (Above 1000 MHz)

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

NOTE:

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

(2) The tighter limit applies at the band edges.

(3) Emission level (dBuV/m)=20log Emission level (uV/m).

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

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

4.2 TEST PROCEDURE

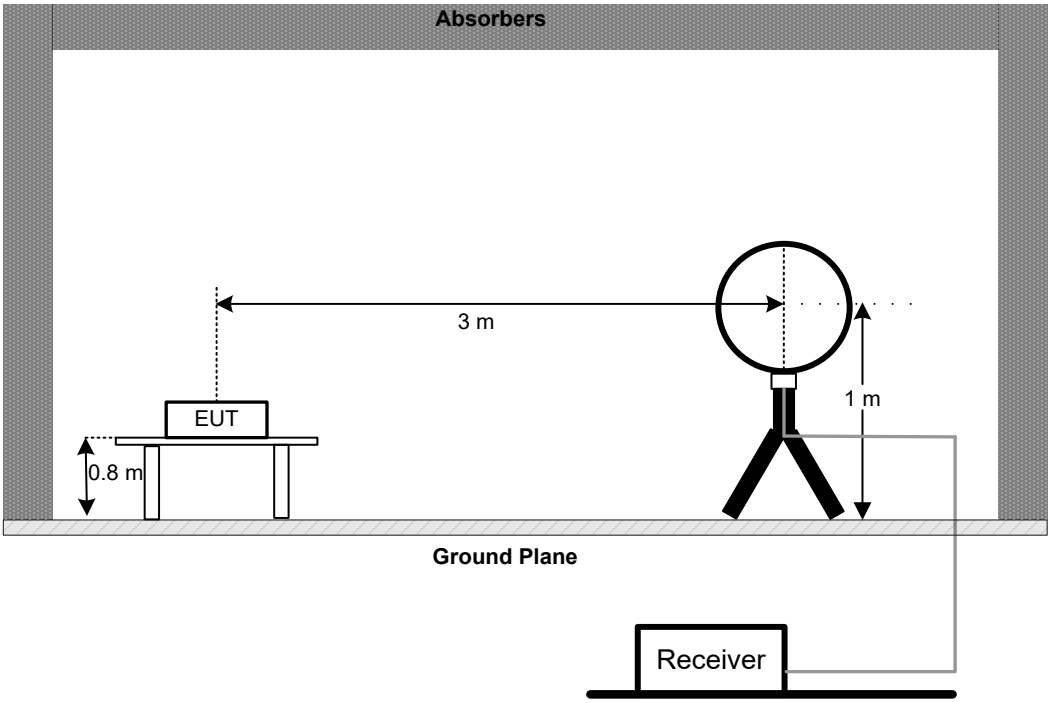
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1 GHz)
b. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1 GHz)
c. The height of the equipment or of the substitution antenna shall be 0.8m or 1.5m; the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
d. For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
e. The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
f. The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
g. All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn‘t perform. (below 1 GHz)
h. All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn‘t perform. (above 1 GHz)
i. For the actual test configuration, please refer to the related Item -EUT Test Photos.

4.3 DEVIATION FROM TEST STANDARD

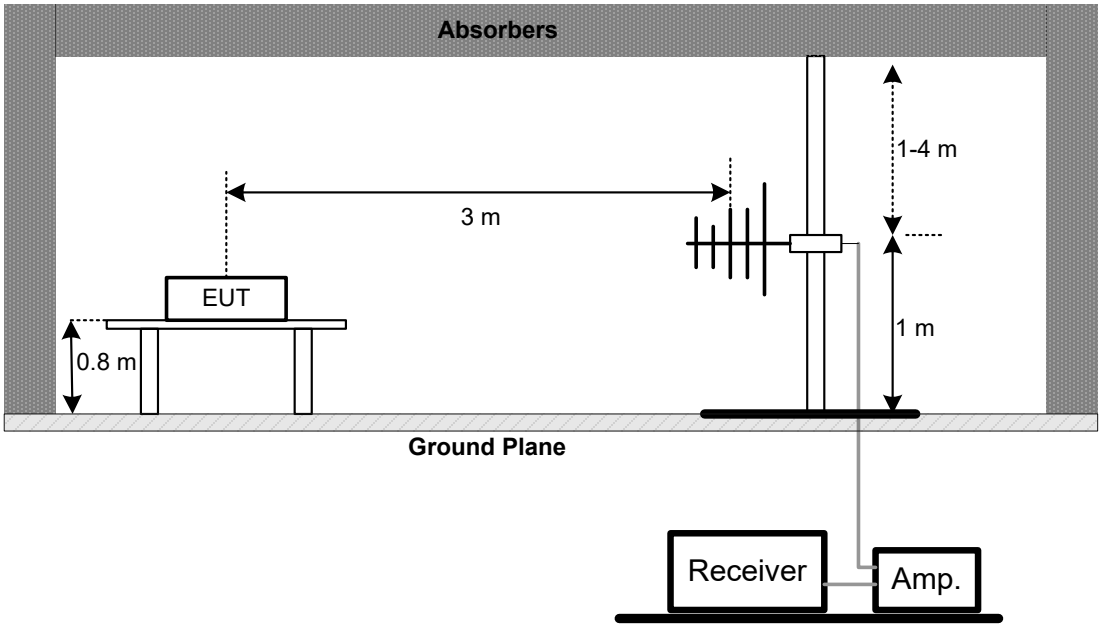
No deviation

4.4 TEST SETUP

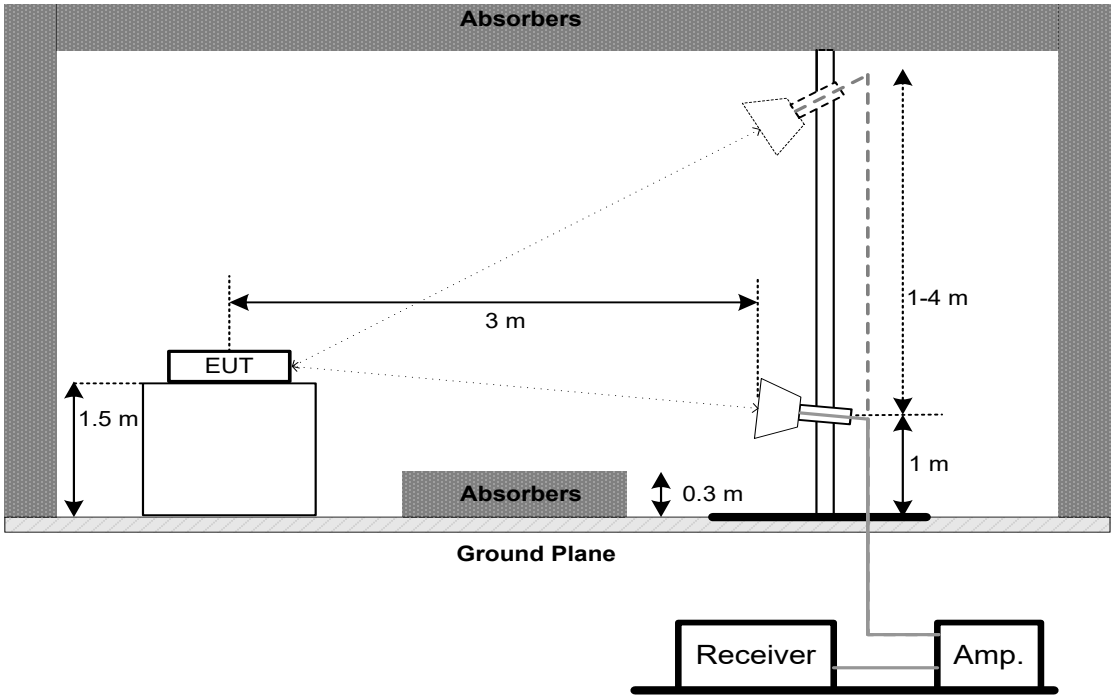
9 kHz-30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B

Remark:

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

4.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

4.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

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

5. BANDWIDTH TEST

5.1 LIMIT

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

5.2 TEST PROCEDURE

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

b. Spectrum Setting:
For 6 dB Bandwidth : RBW= 100 kHz, VBW=300 kHz, Sweep time = auto.
For 99% Emission Bandwidth B/G/N-20 Mode: RBW= 300 KHz, VBW=1 MHz, Sweep time = 2.5 ms.
For 99% Emission Bandwidth N-40 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 AVERAGE OUTPUT POWER TEST

6.1 LIMIT

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

6.2 TEST PROCEDURE

a. The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
b. The maximum conducted output power was performed in accordance with method 11.9.2.3.1 of ANSI C63.10-2013.

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP

6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX F.

7. CONDUCTED SPURIOUS EMISSIONS

7.1 LIMIT

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

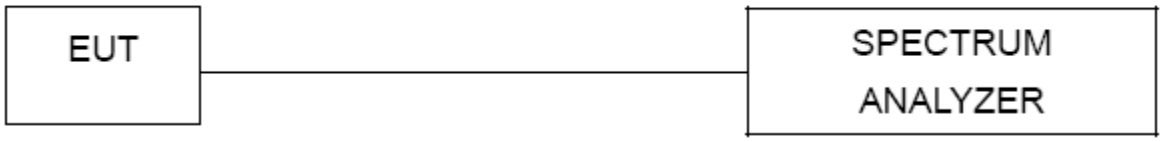
7.2 TEST PROCEDURE

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

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX G.

8. POWER SPECTRAL DENSITY TEST

8.1 LIMIT

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

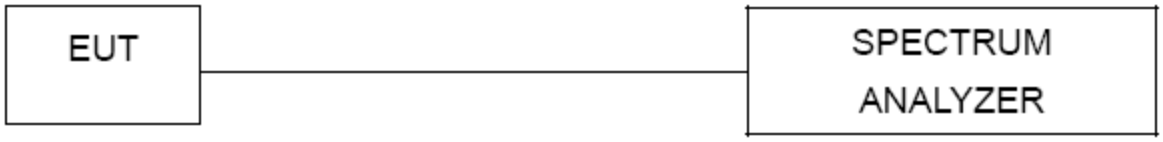
8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX H.

9. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI Test Receiver	R&S	ESCI	100382	Feb. 28, 2021
2	LISN	EMCO	3816/2	52765	Mar. 01, 2021
3	TWO-LINE V-NETWORK	R&S	ENV216	101447	Feb. 28, 2021
4	50Ω Terminator	SHX	TF5-3	15041305	Mar. 01, 2021
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	Cable	N/A	RG223	12m	Mar. 10, 2021
7	643 Shield Room	ETS	6*4*3m	N/A	N/A

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

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

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

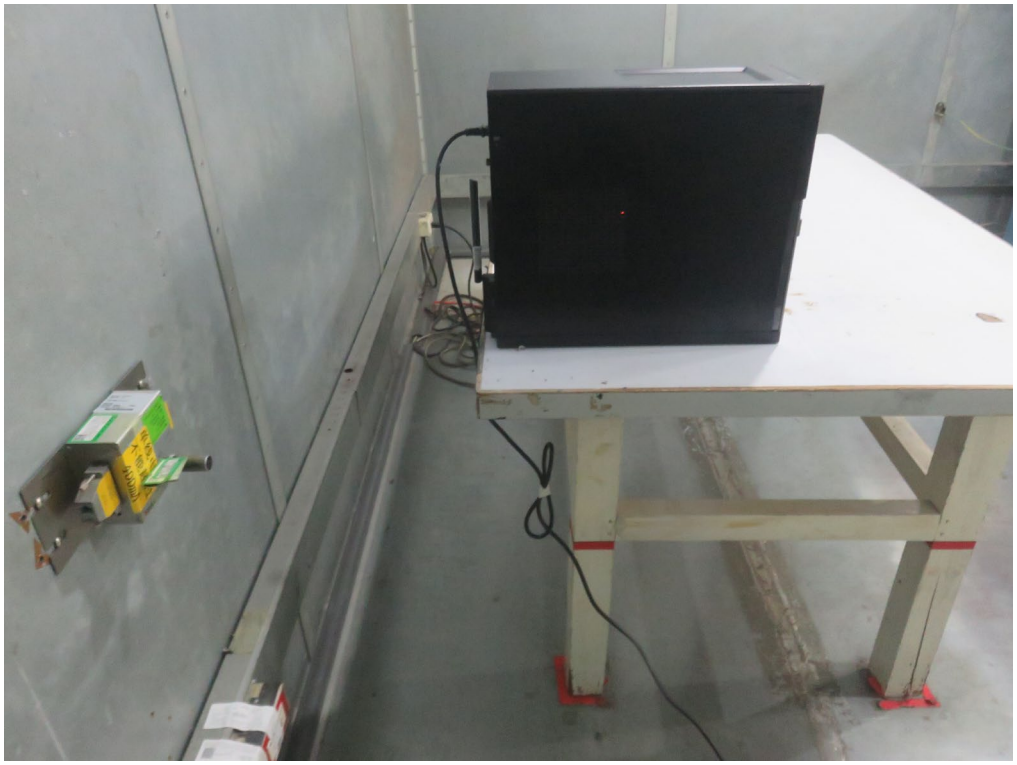
Bandwidth & Antenna Conducted Spurious Emissions & Power Spectral Density					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	Jul. 25, 2021
2	RF Cable	Tongkaichuan	N/A	N/A	N/A
3	DC Block	Mini	N/A	N/A	N/A
4	Attenuator	WOKEN	6SM3502	VAS1214NL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

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

Remark: ”N/A” denotes no model name, serial no. or calibration specified.
“*” calibration period of equipment list is three year.
Except * item, all calibration period of equipment list is one year.

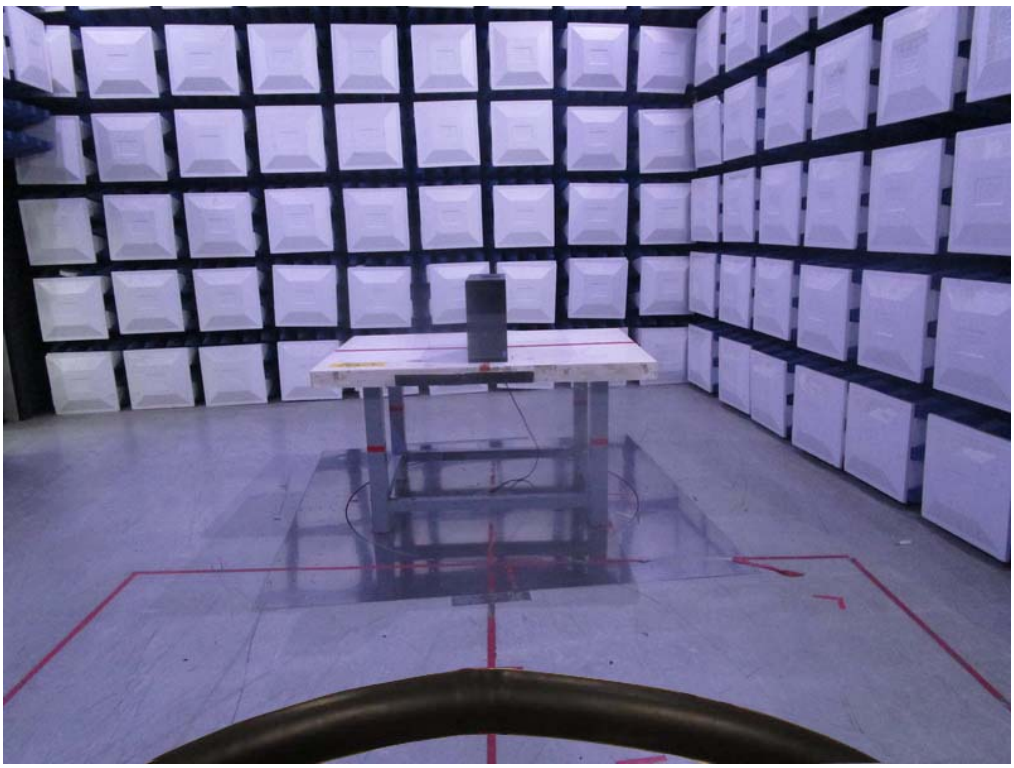
10. EUT TEST PHOTO

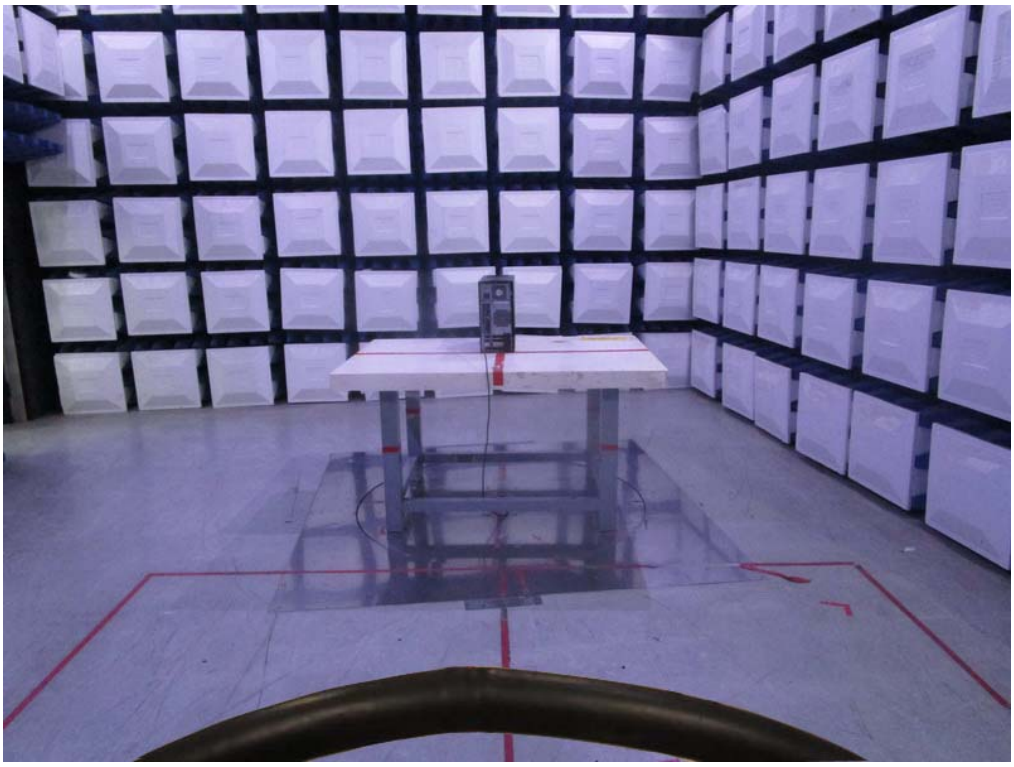
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

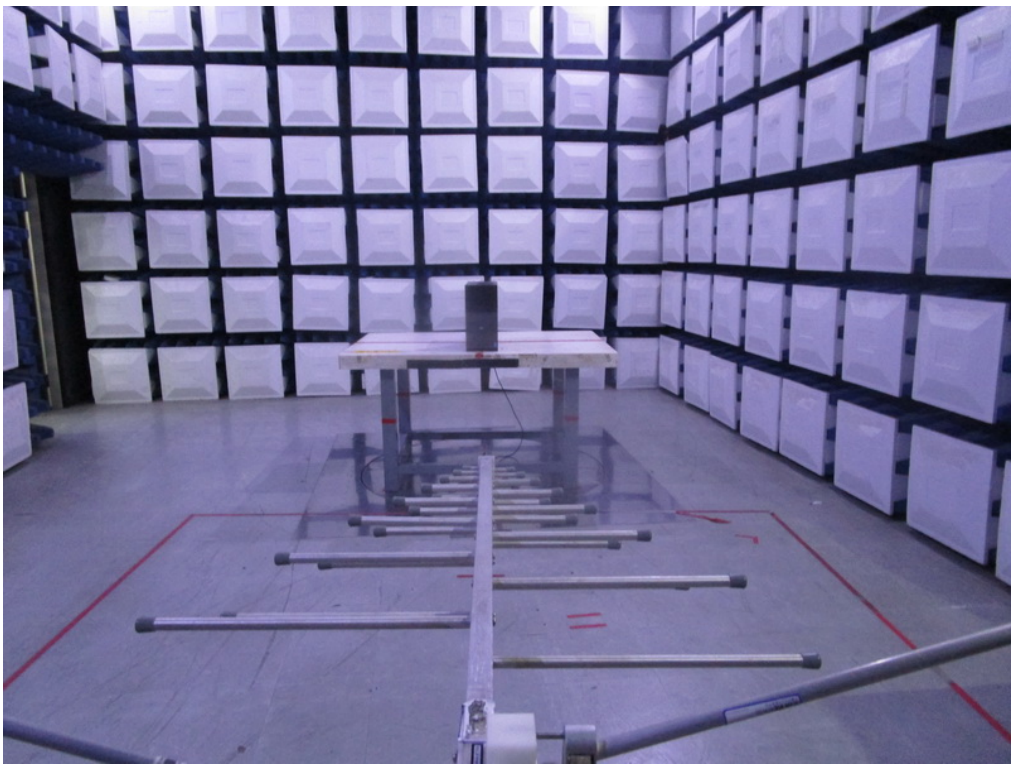
9 kHz to 30 MHz

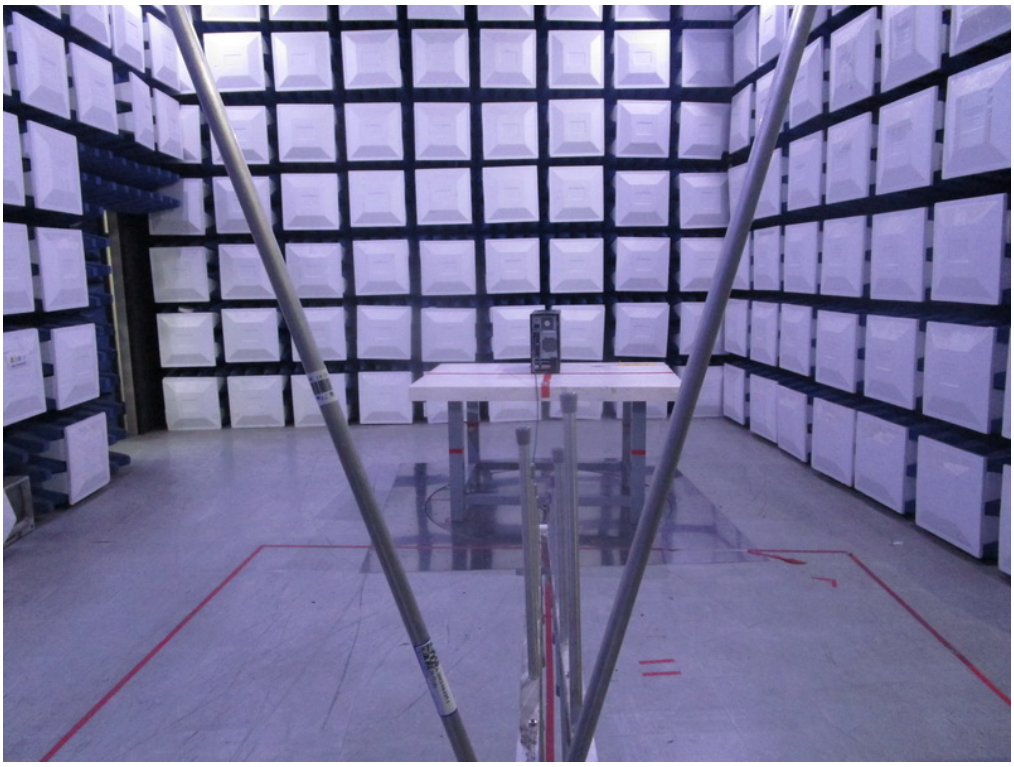




Radiated Emissions Test Photos

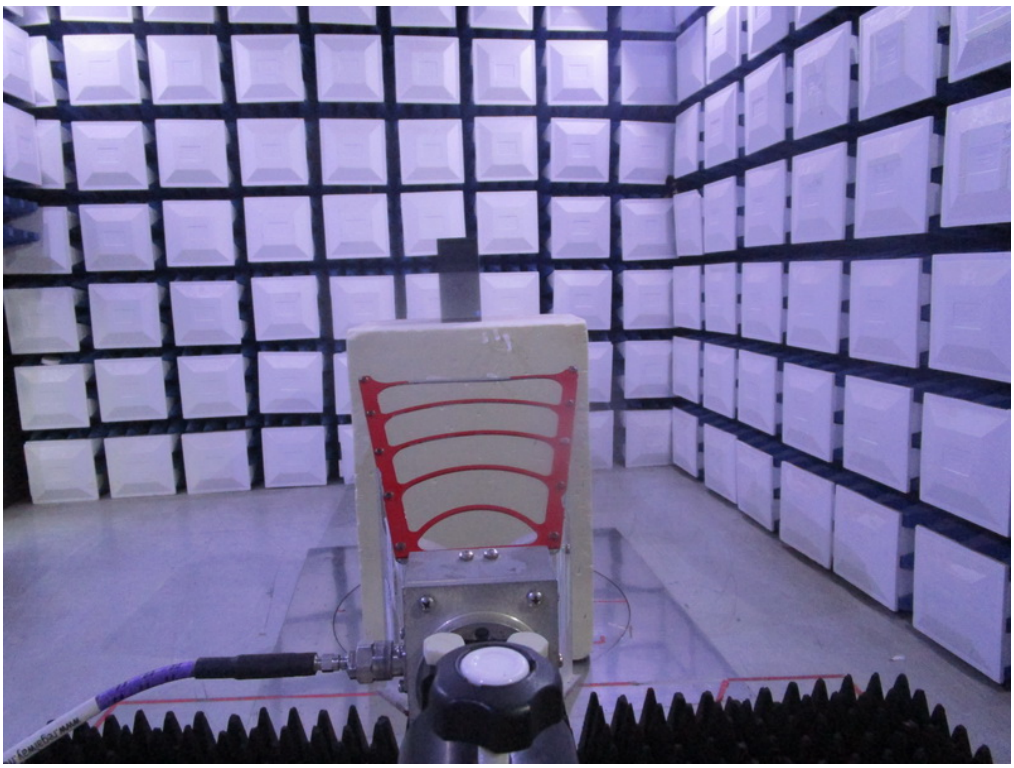
30 MHz to 1 GHz

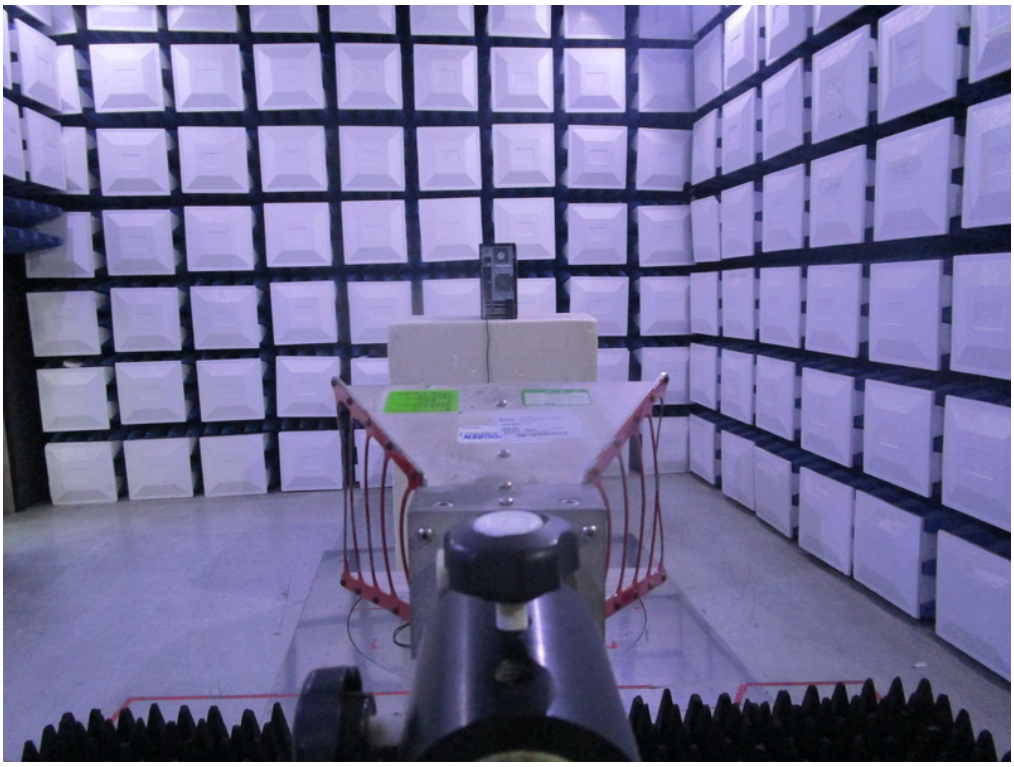




Radiated Emissions Test Photos

Above 1 GHz

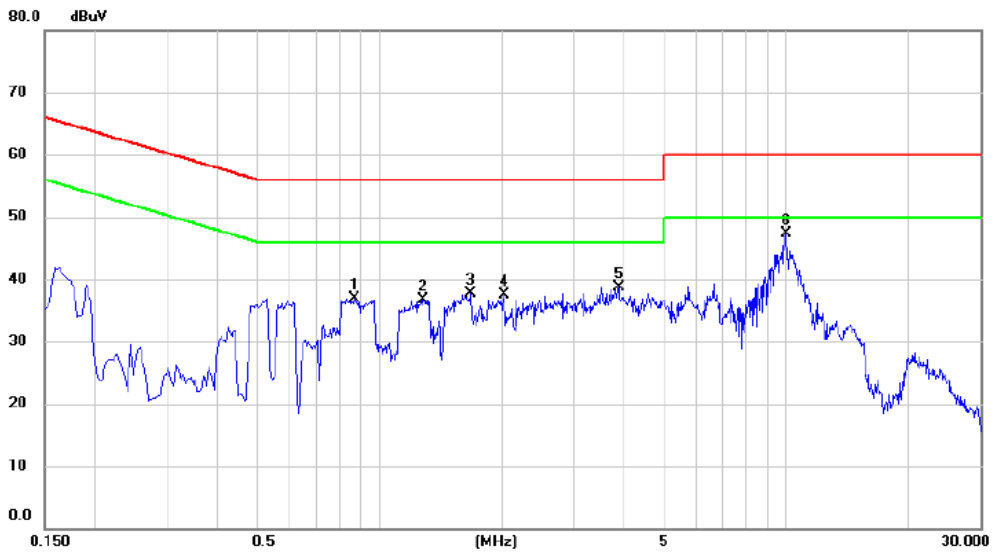




Conducted Test Photos

APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

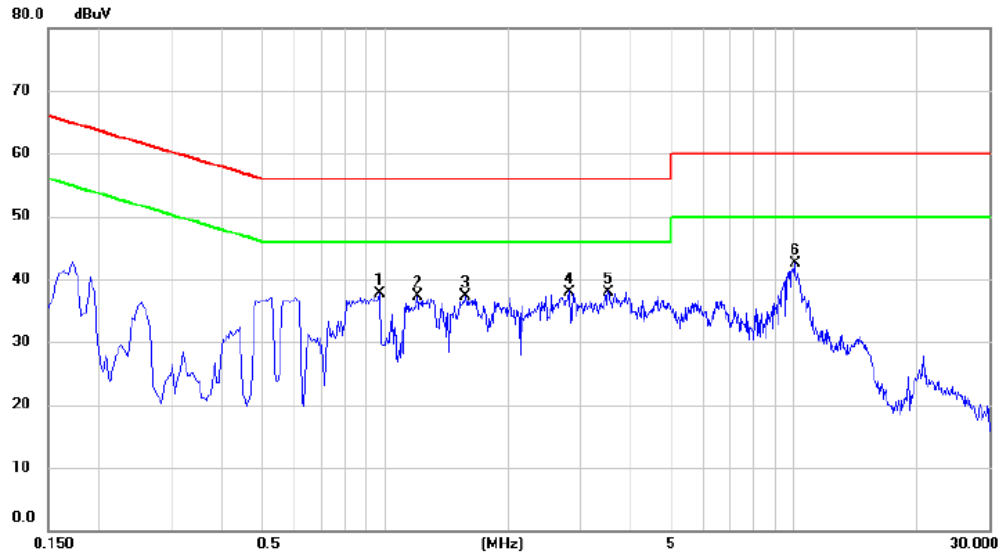
Test Mode	TX N20 Mode Channel 06	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.8655	26.98	9.97	36.95	56.00	-19.05	peak	
2		1.2840	26.76	10.00	36.76	56.00	-19.24	peak	
3		1.6755	27.74	10.02	37.76	56.00	-18.24	peak	
4		2.0264	27.44	10.05	37.49	56.00	-18.51	peak	
5		3.8805	28.56	10.20	38.76	56.00	-17.24	peak	
6	*	9.9915	36.65	10.65	47.30	60.00	-12.70	peak	

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

Test Mode	TX N20 Mode Channel 06	Phase	Neutral

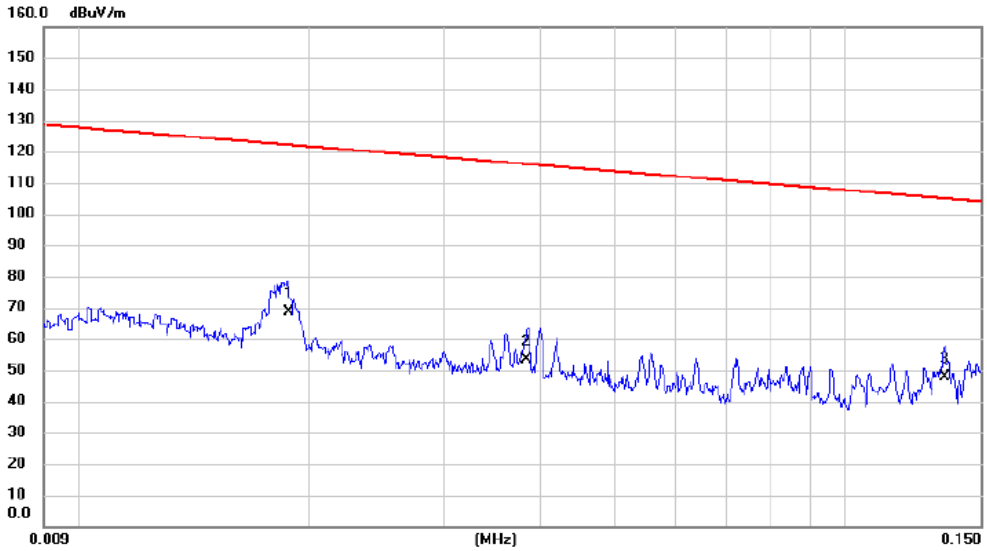


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.9690	27.47	10.26	37.73	56.00	-18.27	peak	
2		1.2030	27.00	10.29	37.29	56.00	-18.71	peak	
3		1.5765	26.94	10.33	37.27	56.00	-18.73	peak	
4		2.8184	27.54	10.46	38.00	56.00	-18.00	peak	
5		3.5250	27.48	10.52	38.00	56.00	-18.00	peak	
6	*	10.0680	31.45	11.02	42.47	60.00	-17.53	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

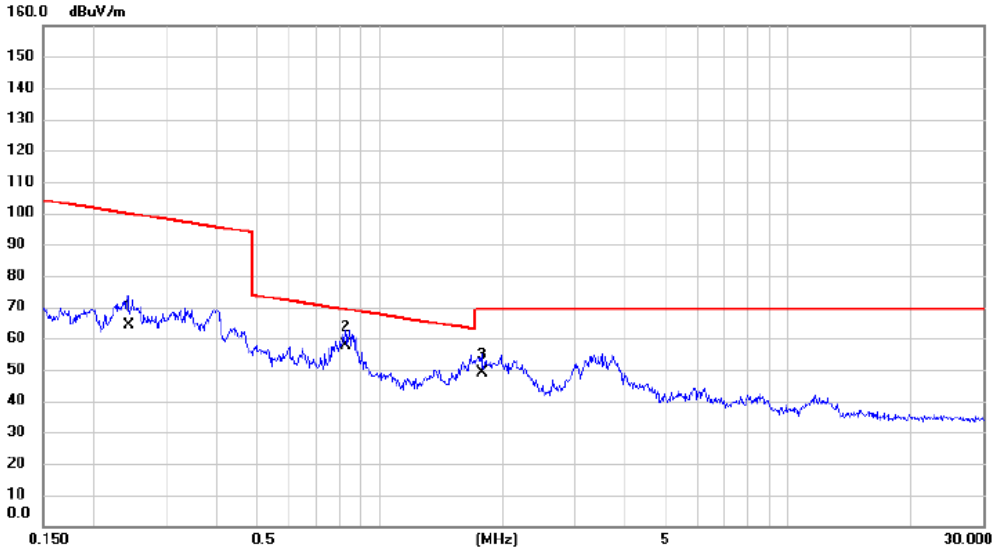
Test Mode	TX N20 Mode Channel 06	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0188	55.05	13.59	68.64	122.12	-53.48	AVG			
2		0.0384	40.77	12.73	53.50	115.92	-62.42	AVG			
3		0.1348	35.03	12.73	47.76	105.01	-57.25	AVG			

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

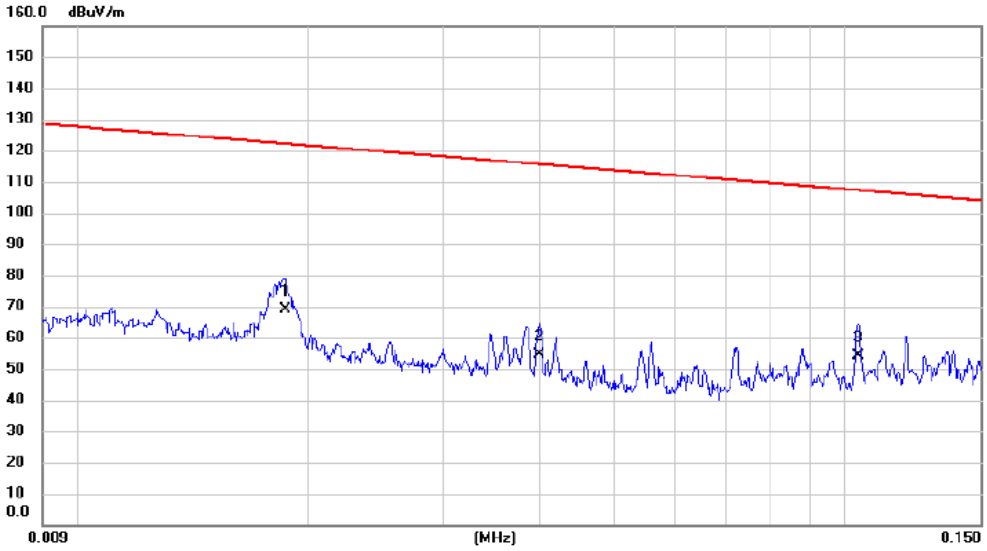
Test Mode	TX N20 Mode Channel 06	Polarization	Ant 0°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.2430	51.62	12.66	64.28	99.89	-35.61	AVG			
2	*	0.8261	45.88	11.87	57.75	69.26	-11.51	QP			
3		1.7810	37.58	11.41	48.99	69.54	-20.55	QP			

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

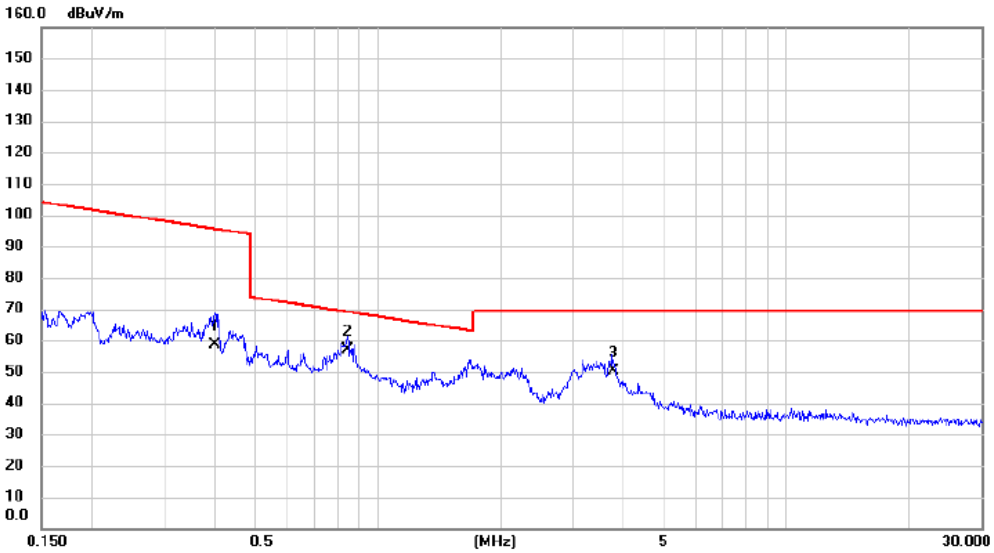
Test Mode	TX N20 Mode Channel 06	Polarization	Ant 90°



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1	*	0.0187	55.57	13.62	69.19	122.17	-52.98	AVG			
2		0.0400	41.72	12.69	54.41	115.56	-61.15	AVG			
3		0.1041	41.33	12.72	54.05	107.26	-53.21	AVG			

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

Test Mode	TX N20 Mode Channel 06	Polarization	Ant 90°



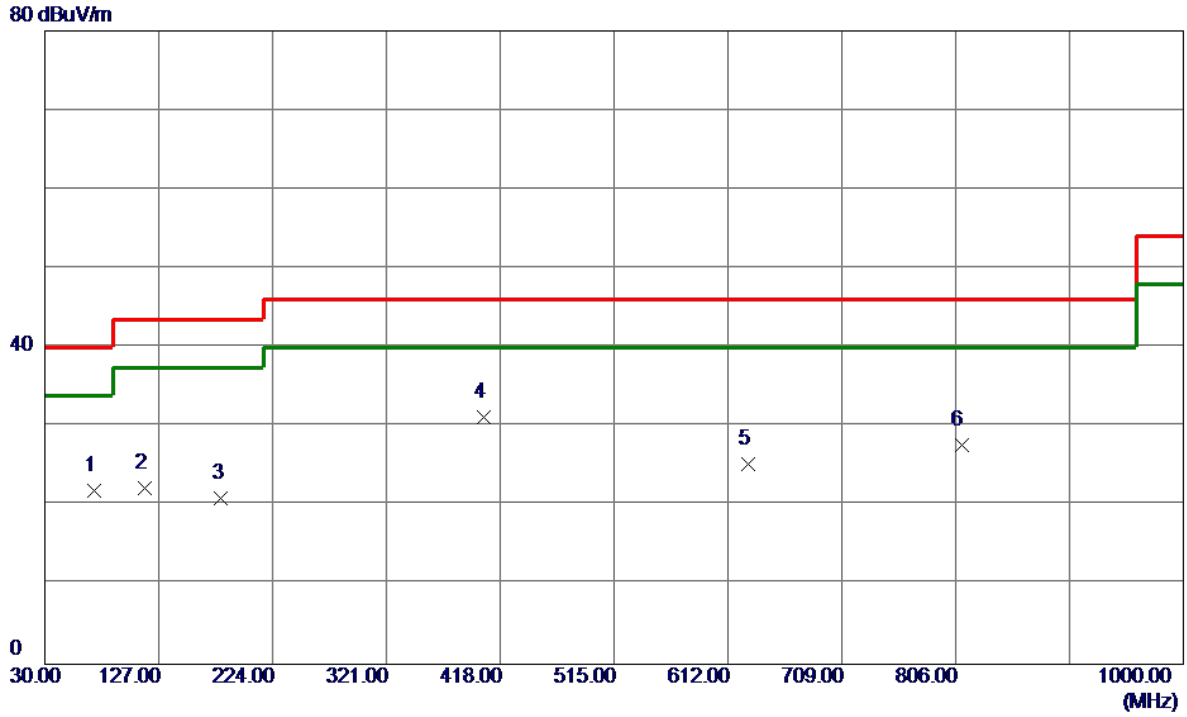
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree	Comment
1		0.3997	46.42	12.26	58.68	95.57	-36.89	AVG			
2	*	0.8438	45.25	11.86	57.11	69.08	-11.97	QP			
3		3.7594	39.35	10.91	50.26	69.54	-19.28	QP			

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 N20 Mode Channel 06

Vertical

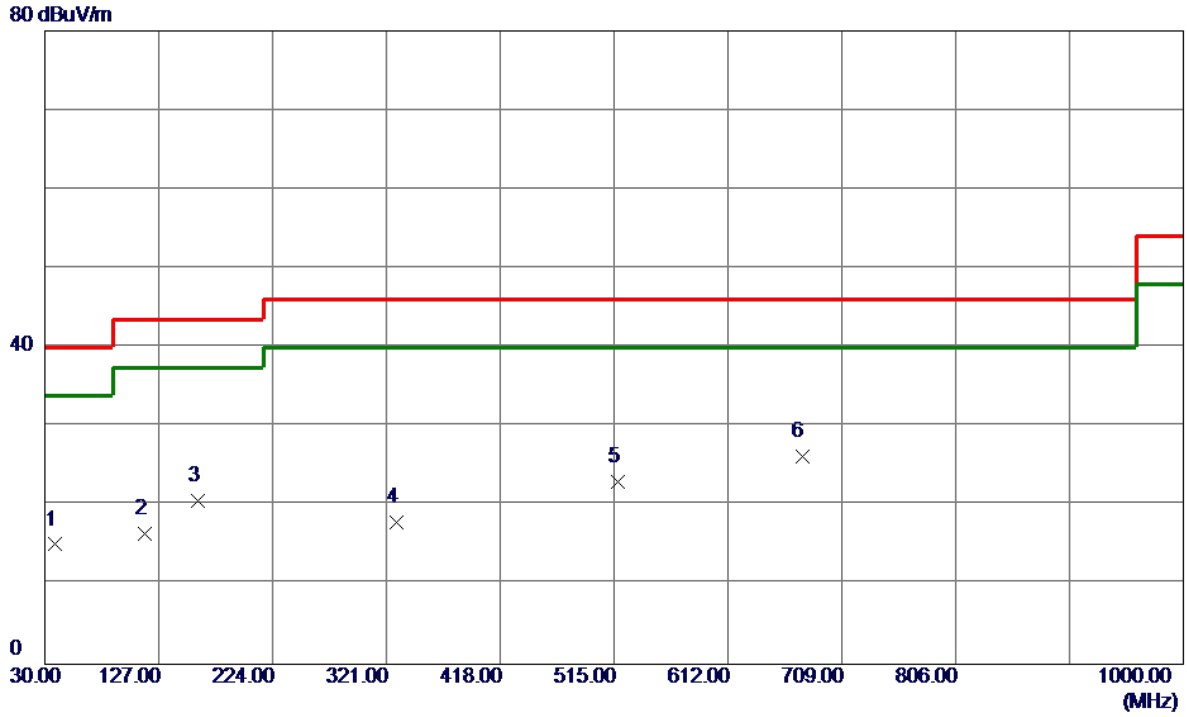


No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	71.7100	38.17	-16.23	21.94	40.00	-18.06	Peak	
2	115.3600	35.60	-13.43	22.17	43.50	-21.33	Peak	
3	180.3500	33.73	-12.83	20.90	43.50	-22.60	Peak	
4 *	404.4200	40.02	-8.89	31.13	46.00	-14.87	Peak	
5	629.4600	30.02	-4.71	25.31	46.00	-20.69	Peak	
6	810.8500	30.10	-2.36	27.74	46.00	-18.26	Peak	

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

Test Mode:	TX N20 Mode Channel 06

Horizontal



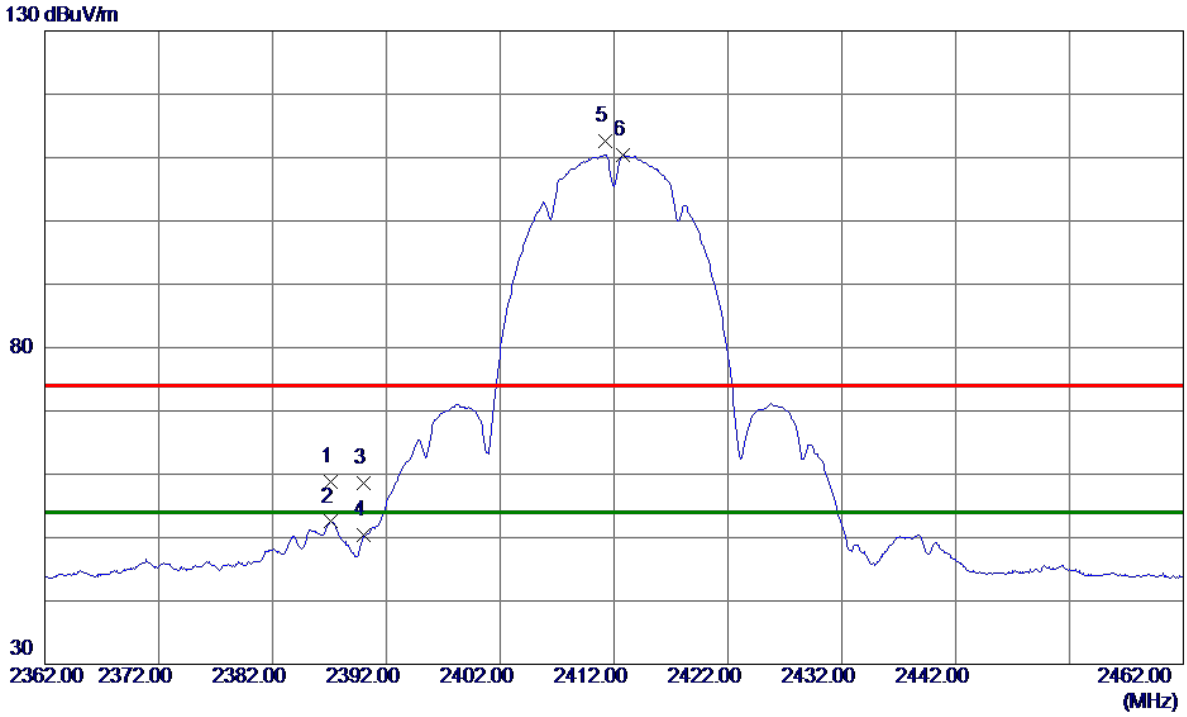
No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	38.7300	29.09	-13.97	15.12	40.00	-24.88	Peak	
2	115.3600	29.91	-13.43	16.48	43.50	-27.02	Peak	
3	159.9800	31.36	-10.67	20.69	43.50	-22.81	Peak	
4	329.7300	28.38	-10.53	17.85	46.00	-28.15	Peak	
5	517.9099	30.10	-7.10	23.00	46.00	-23.00	Peak	
6 *	675.0500	30.09	-3.92	26.17	46.00	-19.83	Peak	

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

APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ

Test Mode:	TX B Mode 2412 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.1500	51.62	7.26	58.88	74.00	-15.12	Peak	
2	2387.1500	45.24	7.26	52.50	54.00	-1.50	AVG	
3	2390.0000	51.27	7.26	58.53	74.00	-15.47	Peak	
4	2390.0000	43.14	7.26	50.40	54.00	-3.60	AVG	
5	2411.2000	105.32	7.26	112.58	74.00	38.58	Peak	No Limit
6 *	2412.8000	103.15	7.26	110.41	54.00	56.41	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

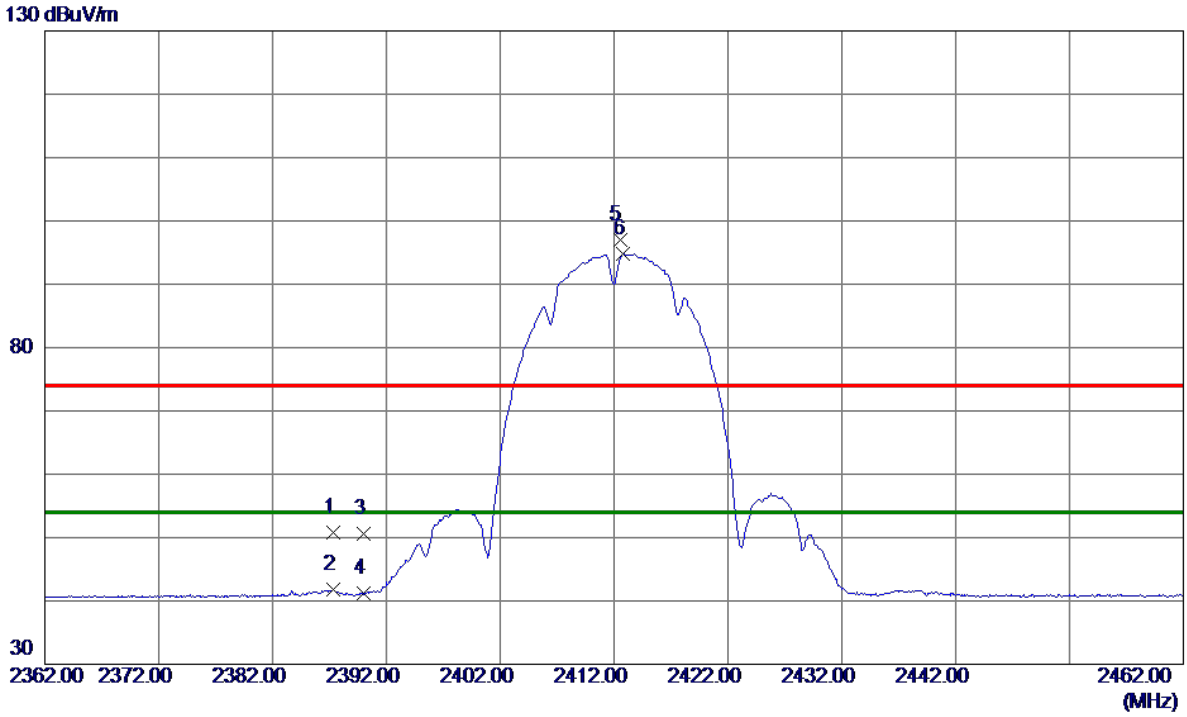
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.9720	47.07	4.45	51.52	54.00	-2.48	AVG	
2	4824.0330	49.21	4.45	53.66	74.00	-20.34	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.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2387.3000	43.54	7.26	50.80	74.00	-23.20	Peak	
2	2387.3000	34.50	7.26	41.76	54.00	-12.24	AVG	
3	2390.0000	43.35	7.26	50.61	74.00	-23.39	Peak	
4	2390.0000	33.95	7.26	41.21	54.00	-12.79	AVG	
5	2412.5000	89.83	7.26	97.09	74.00	23.09	Peak	No Limit
6 *	2412.7500	87.58	7.26	94.84	54.00	40.84	AVG	No Limit

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

Test Mode:	TX B Mode 2412 MHz

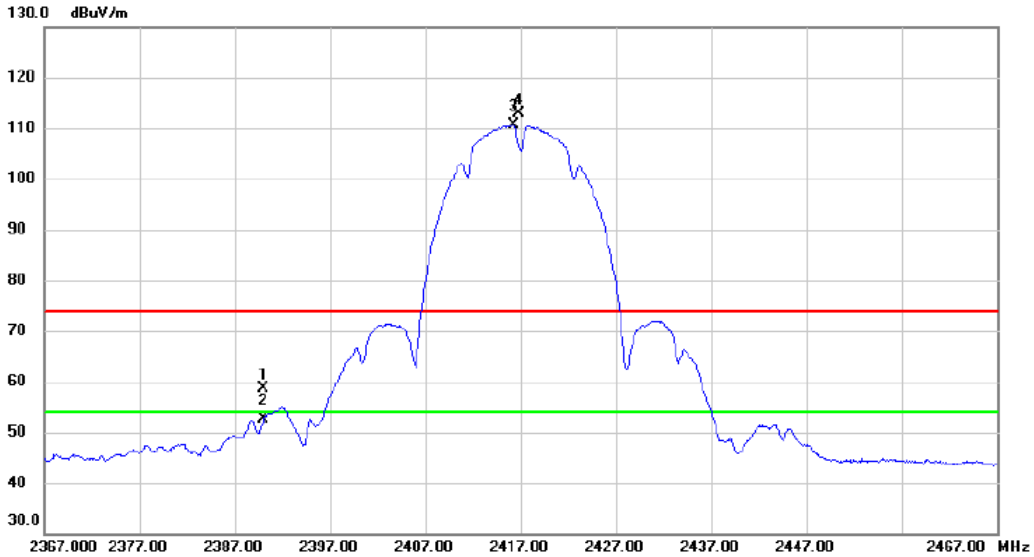
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9350	44.35	4.45	48.80	74.00	-25.20	Peak	
2 *	4823.9750	39.65	4.45	44.10	54.00	-9.90	AVG	

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

Test Mode:	TX B Mode 2417 MHz

Vertical

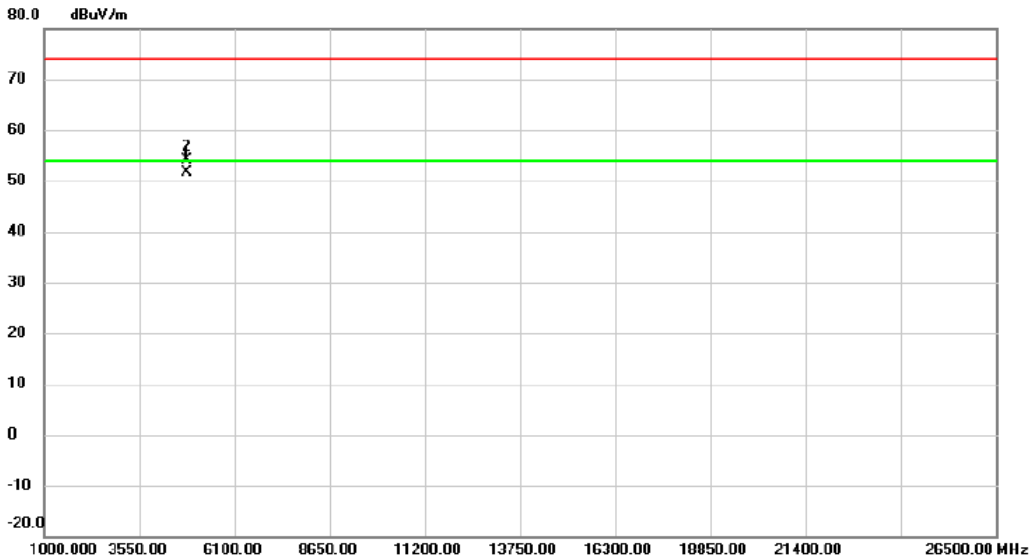


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	51.31	7.26	58.57	74.00	-15.43	peak	
2		2390.000	45.29	7.26	52.55	54.00	-1.45	AVG	
3	*	2416.250	103.27	7.26	110.53	54.00	56.53	AVG	No Limit
4	X	2416.750	105.66	7.26	112.92	74.00	38.92	peak	No Limit

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

Test Mode:	TX B Mode 2417 MHz

Vertical

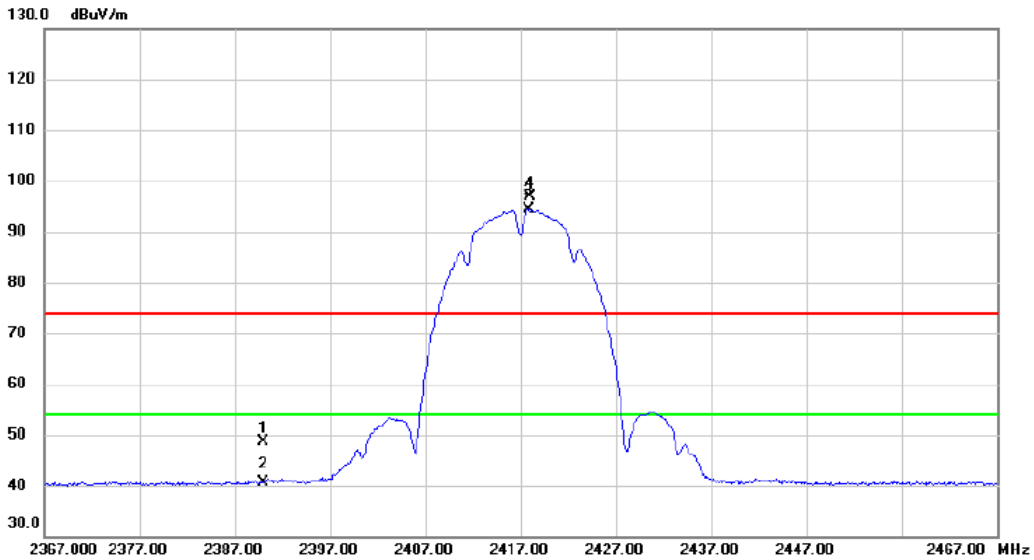


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4833.950	47.21	4.47	51.68	54.00	-2.32	AVG	
2		4833.965	49.71	4.47	54.18	74.00	-19.82	peak	

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

Test Mode:	TX B Mode 2417 MHz

Horizontal

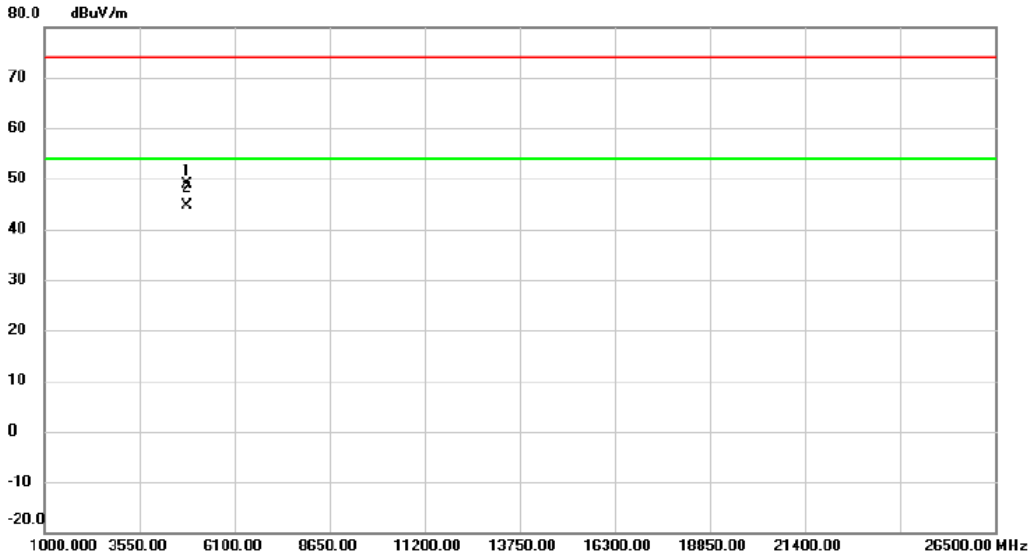


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	41.36	7.26	48.62	74.00	-25.38	peak	
2		2390.000	33.30	7.26	40.56	54.00	-13.44	AVG	
3	*	2417.800	87.04	7.26	94.30	54.00	40.30	AVG	No Limit
4	X	2417.950	89.72	7.26	96.98	74.00	22.98	peak	No Limit

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

Test Mode:	TX B Mode 2417 MHz

Horizontal

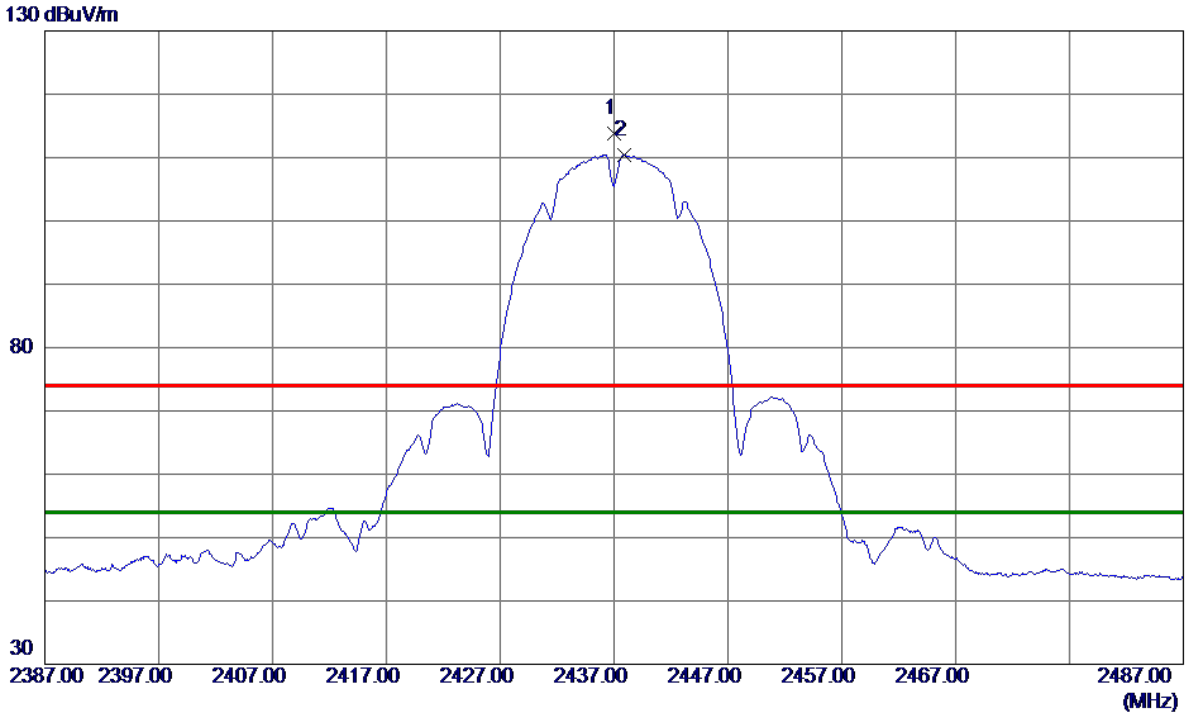


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4833.972	44.44	4.47	48.91	74.00	-25.09	peak	
2	*	4833.988	40.07	4.47	44.54	54.00	-9.46	AVG	

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

Test Mode:	TX B Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2437.0500	106.47	7.25	113.72	74.00	39.72	Peak	No Limit
2 *	2437.8500	103.23	7.25	110.48	54.00	56.48	AVG	No Limit

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

Test Mode:	TX B Mode 2437 MHz

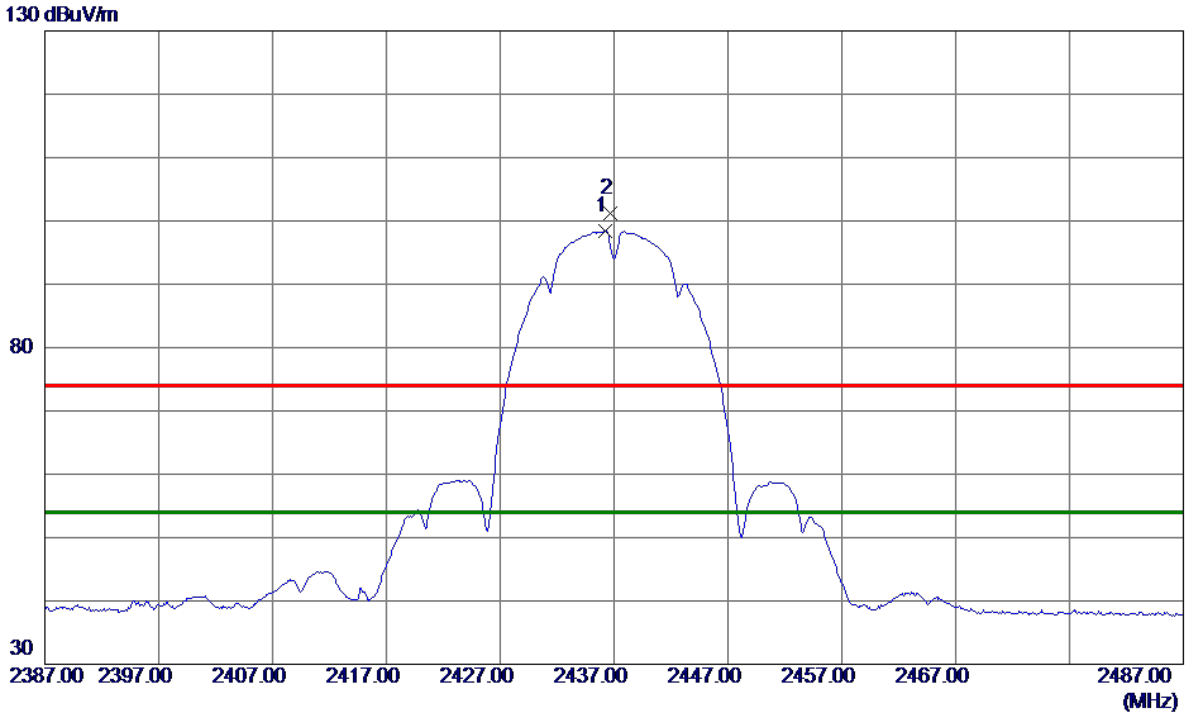
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.9670	46.06	4.58	50.64	54.00	-3.36	AVG	
2	4873.9750	48.30	4.58	52.88	74.00	-21.12	Peak	

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

Test Mode:	TX B Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2436.2000	91.17	7.25	98.42	54.00	44.42	AVG	No Limit
2	2436.7000	93.89	7.25	101.14	74.00	27.14	Peak	No Limit

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

Test Mode:	TX B Mode 2437 MHz

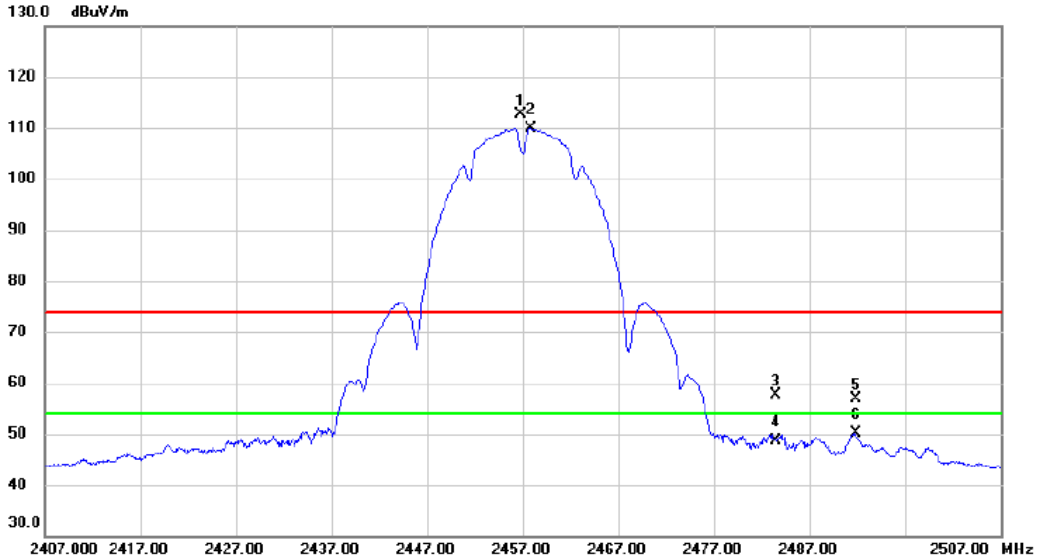
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.9930	38.30	4.58	42.88	54.00	-11.12	AVG	
2	4874.1880	43.88	4.58	48.46	74.00	-25.54	Peak	

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

Test Mode:	TX B Mode 2457 MHz

Vertical

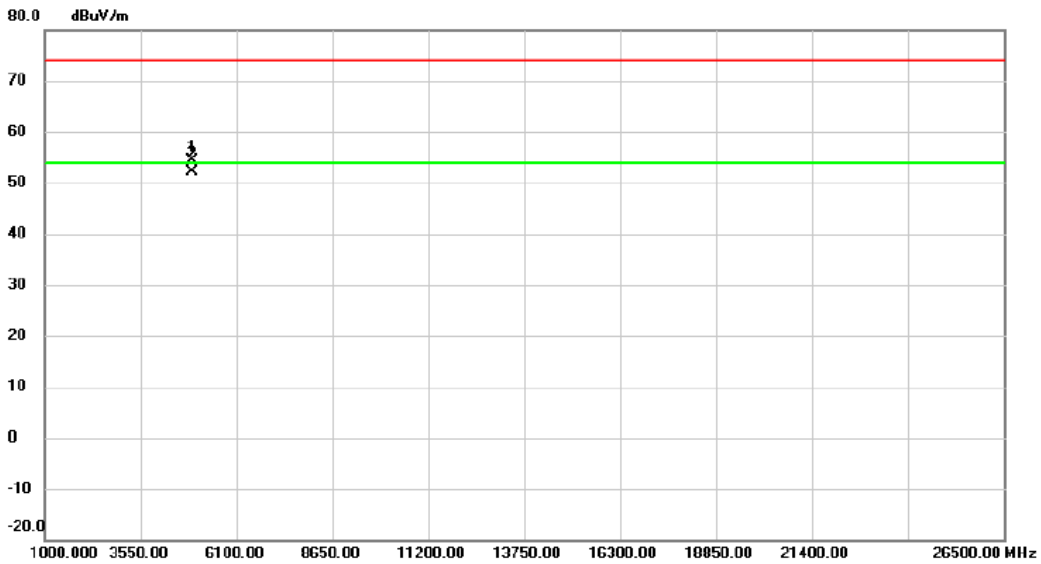


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2456.800	105.37	7.26	112.63	74.00	38.63	peak	No Limit
2	*	2457.850	102.69	7.26	109.95	54.00	55.95	AVG	No Limit
3		2483.500	50.30	7.25	57.55	74.00	-16.45	peak	
4		2483.500	41.49	7.25	48.74	54.00	-5.26	AVG	
5		2491.850	49.71	7.24	56.95	74.00	-17.05	peak	
6		2491.850	42.98	7.24	50.22	54.00	-3.78	AVG	

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

Test Mode:	TX B Mode 2457 MHz

Vertical

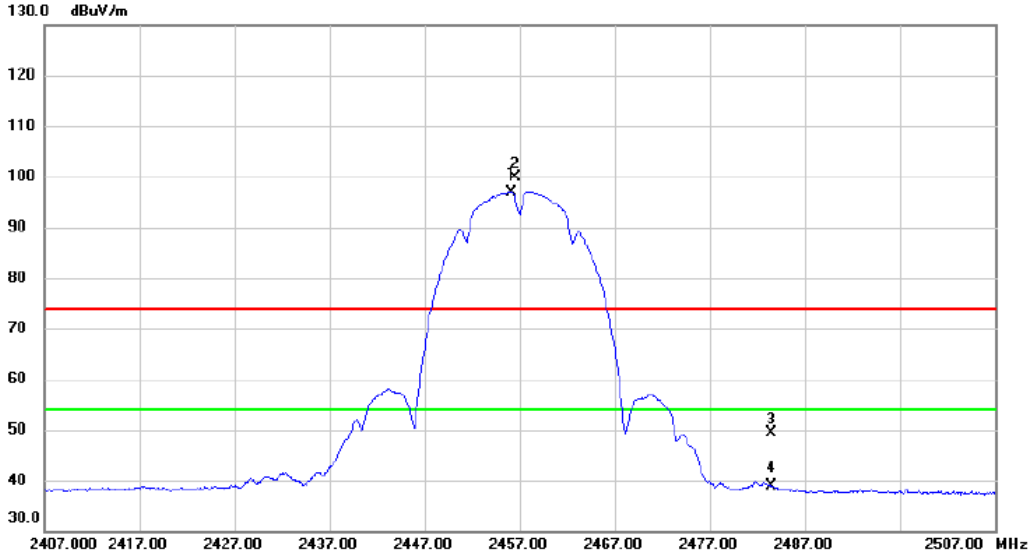


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4913.965	49.64	4.69	54.33	74.00	-19.67	peak	
2	*	4913.985	47.47	4.69	52.16	54.00	-1.84	AVG	

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

Test Mode:	TX B Mode 2457 MHz

Horizontal

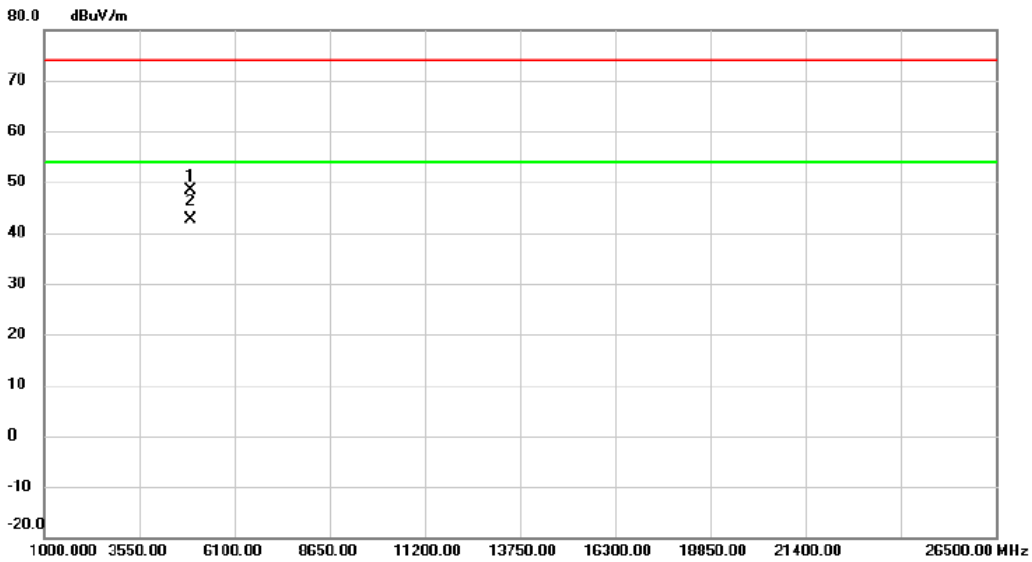


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2456.200	89.69	7.26	96.95	54.00	42.95	AVG	No Limit
2	X	2456.600	92.69	7.26	99.95	74.00	25.95	peak	No Limit
3		2483.500	42.08	7.25	49.33	74.00	-24.67	peak	
4		2483.500	31.67	7.25	38.92	54.00	-15.08	AVG	

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

Test Mode:	TX B Mode 2457 MHz

Horizontal

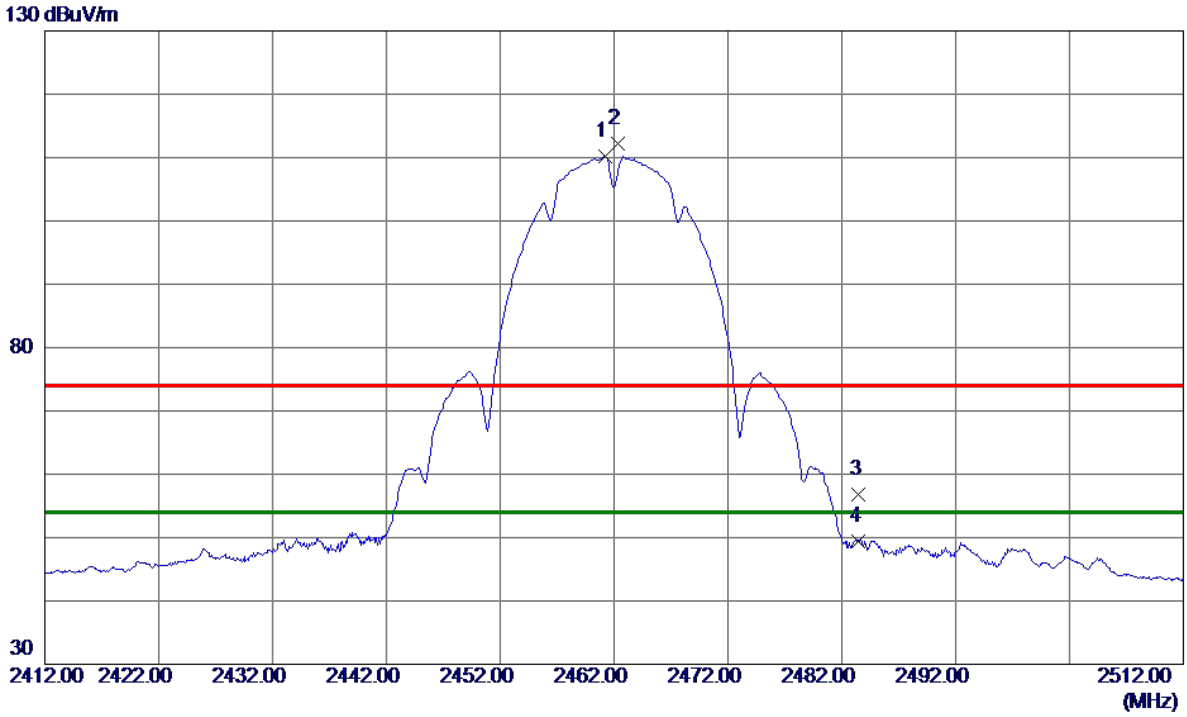


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4913.938	43.81	4.69	48.50	74.00	-25.50	peak	
2	*	4914.035	38.06	4.69	42.75	54.00	-11.25	AVG	

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 *	2461.2500	102.93	7.25	110.18	54.00	56.18	AVG	No Limit
2	2462.3000	104.91	7.25	112.16	74.00	38.16	Peak	No Limit
3	2483.5000	49.51	7.25	56.76	74.00	-17.24	Peak	
4	2483.5000	42.19	7.25	49.44	54.00	-4.56	AVG	

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

Test Mode:	TX B Mode 2462 MHz

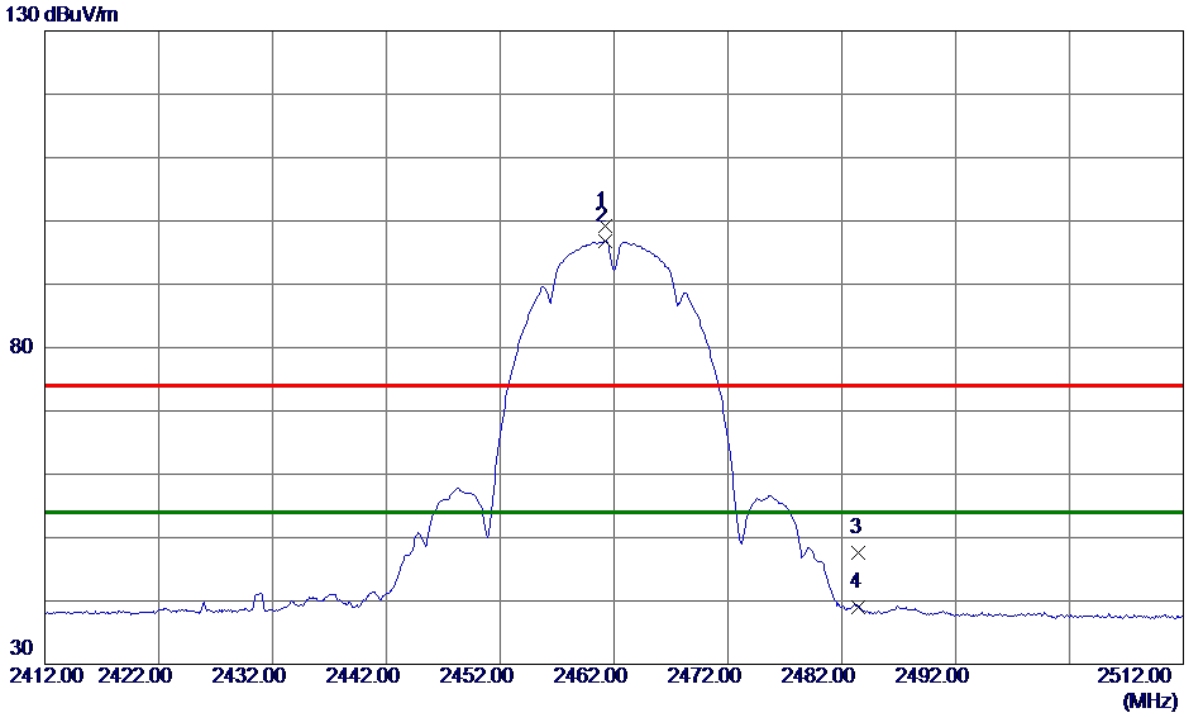
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9770	46.52	4.72	51.24	54.00	-2.76	AVG	
2	4924.0120	48.87	4.72	53.59	74.00	-20.41	Peak	

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

Test Mode:	TX B Mode 2462 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2461.2000	92.01	7.25	99.26	74.00	25.26	Peak	No Limit
2 *	2461.2000	89.53	7.25	96.78	54.00	42.78	AVG	No Limit
3	2483.5000	40.38	7.25	47.63	74.00	-26.37	Peak	
4	2483.5000	31.71	7.25	38.96	54.00	-15.04	AVG	

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

Test Mode:	TX B Mode 2462 MHz

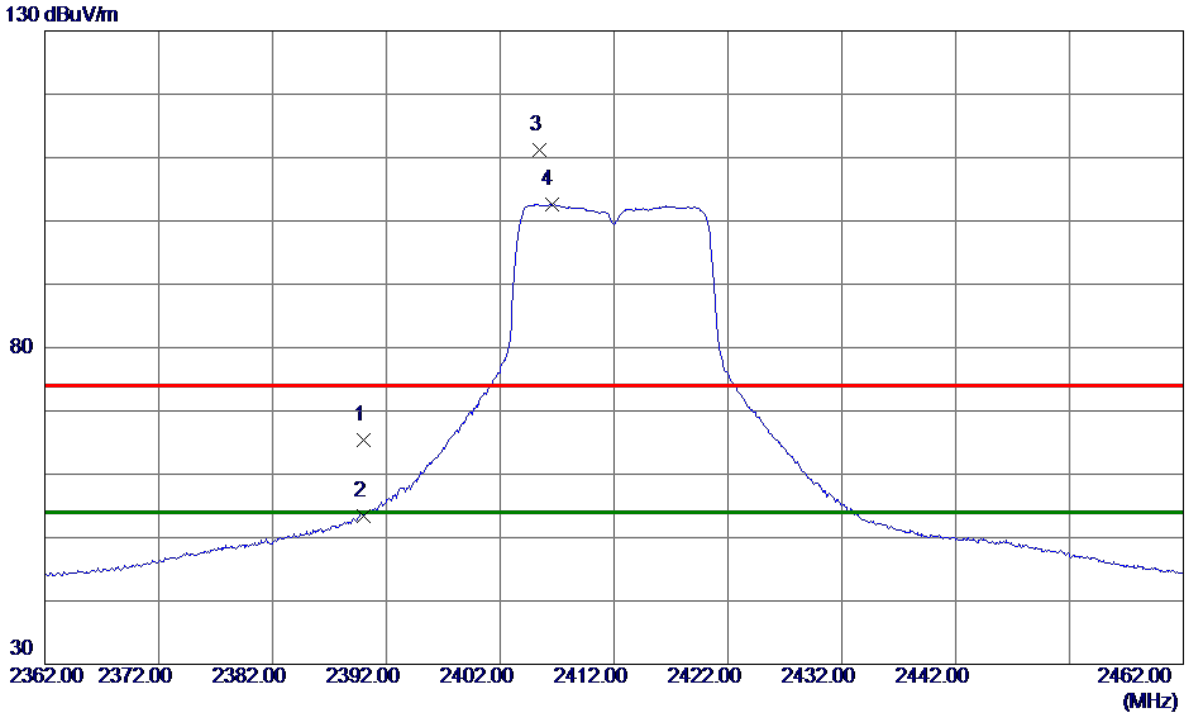
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.9770	39.51	4.72	44.23	54.00	-9.77	AVG	
2	4924.0000	44.35	4.72	49.07	74.00	-24.93	Peak	

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

Test Mode:	TX G Mode 2412 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	58.18	7.26	65.44	74.00	-8.56	Peak	
2	2390.0000	46.19	7.26	53.45	54.00	-0.55	AVG	
3	2405.4500	103.86	7.26	111.12	74.00	37.12	Peak	No Limit
4 *	2406.5000	95.39	7.26	102.65	54.00	48.65	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

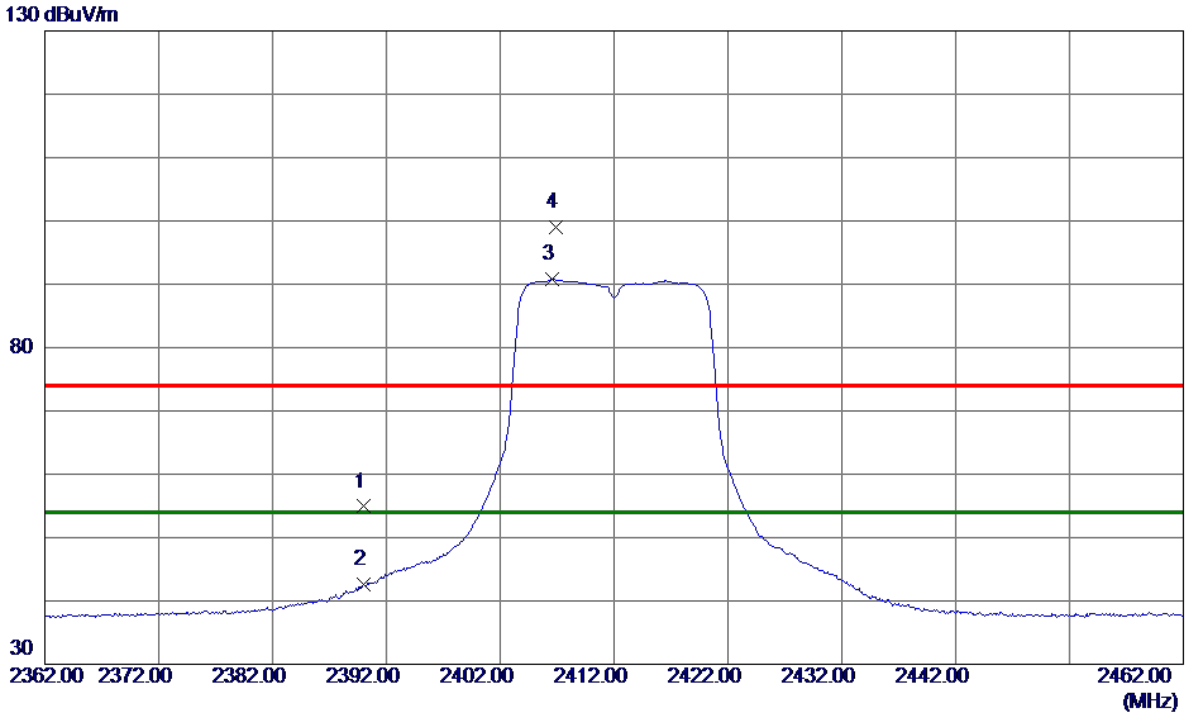
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4823.9250	45.55	4.45	50.00	74.00	-24.00	Peak	
2 *	4824.5500	34.49	4.45	38.94	54.00	-15.06	AVG	

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

Test Mode:	TX G Mode 2412 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	47.64	7.26	54.90	74.00	-19.10	Peak	
2	2390.0000	35.39	7.26	42.65	54.00	-11.35	AVG	
3 *	2406.6000	83.52	7.26	90.78	54.00	36.78	AVG	No Limit
4	2406.9000	91.64	7.26	98.90	74.00	24.90	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

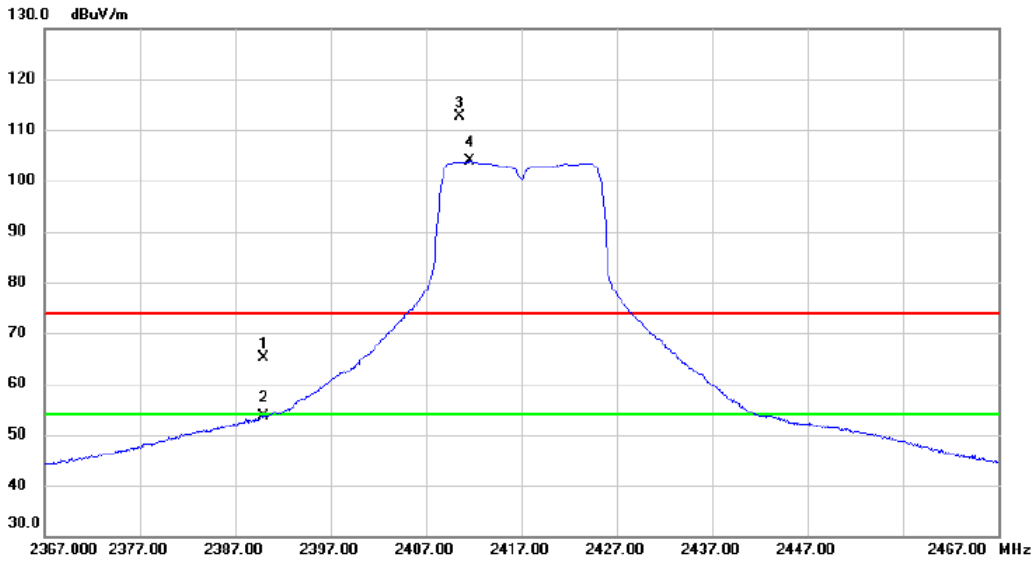
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4824.8000	29.32	4.45	33.77	54.00	-20.23	AVG	
2	4825.2000	41.18	4.45	45.63	74.00	-28.37	Peak	

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

Test Mode:	TX G Mode 2417 MHz

Vertical

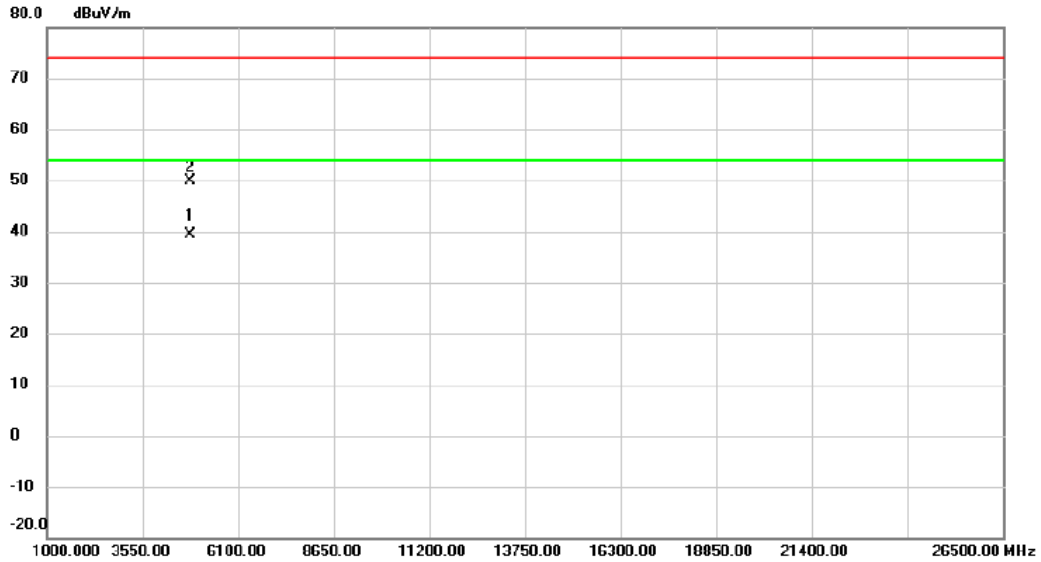


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	57.91	7.26	65.17	74.00	-8.83	peak	
2		2390.000	46.32	7.26	53.58	54.00	-0.42	AVG	
3	X	2410.500	105.29	7.25	112.54	74.00	38.54	peak	No Limit
4	*	2411.650	96.61	7.26	103.87	54.00	49.87	AVG	No Limit

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

Test Mode:	TX G Mode 2417 MHz

Vertical

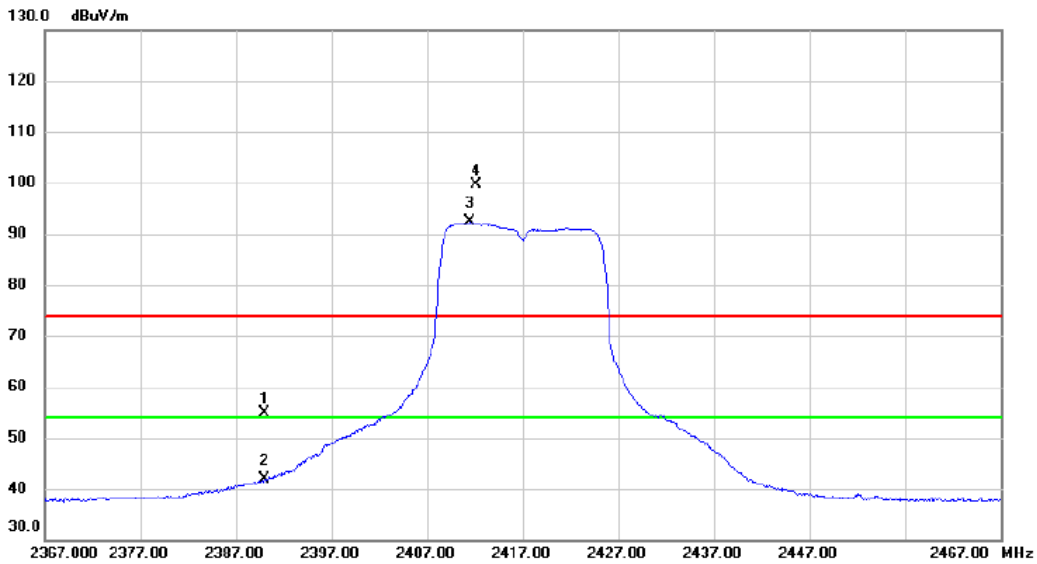


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4833.425	34.82	4.47	39.29	54.00	-14.71	AVG	
2		4834.950	45.32	4.48	49.80	74.00	-24.20	peak	

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

Test Mode:	TX G Mode 2417 MHz

Horizontal

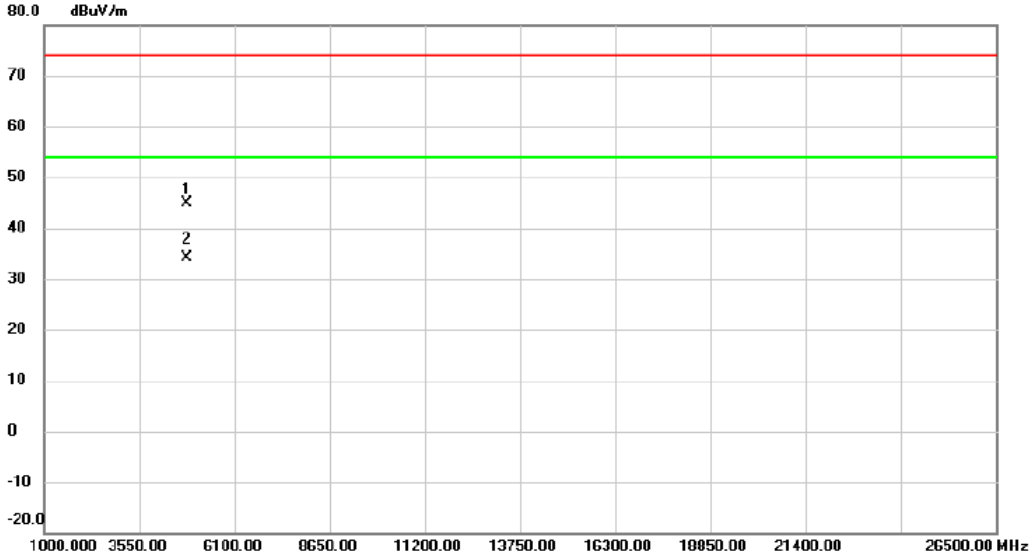


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	47.52	7.26	54.78	74.00	-19.22	peak	
2		2390.000	34.54	7.26	41.80	54.00	-12.20	AVG	
3	*	2411.400	85.00	7.26	92.26	54.00	38.26	AVG	No Limit
4	X	2412.100	92.48	7.26	99.74	74.00	25.74	peak	No Limit

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

Test Mode:	TX G Mode 2417 MHz

Horizontal

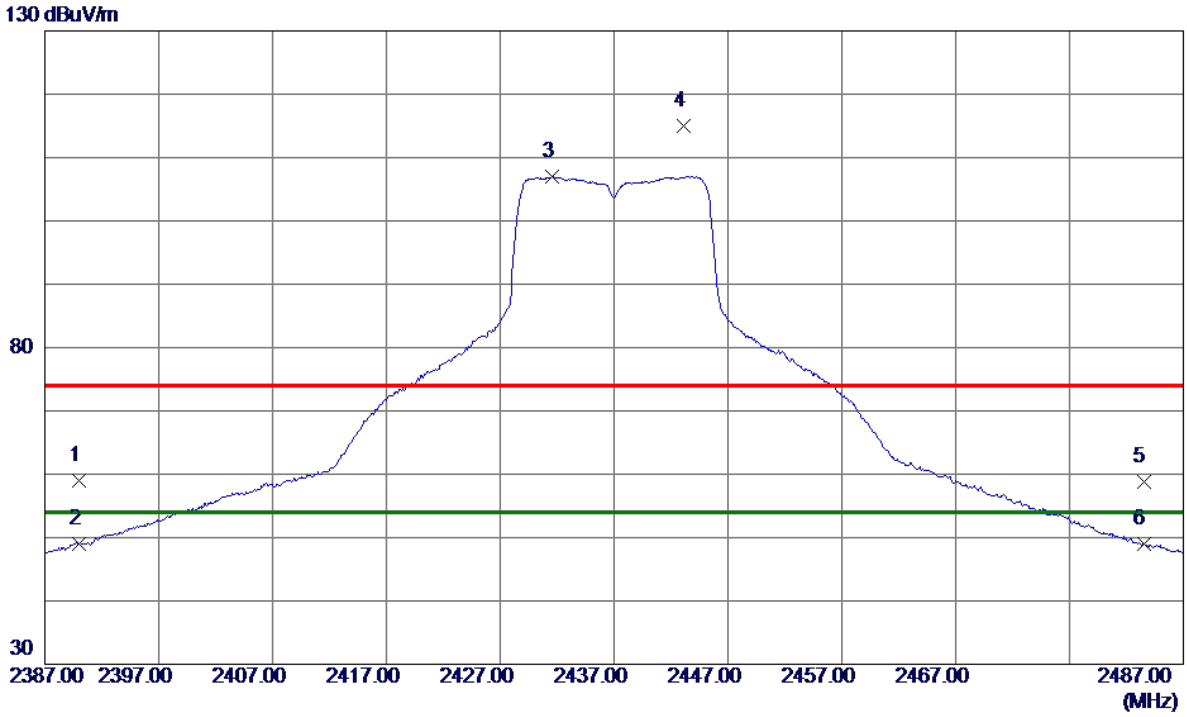


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4832.000	40.53	4.47	45.00	74.00	-29.00	peak	
2	*	4832.400	29.69	4.47	34.16	54.00	-19.84	AVG	

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

Test Mode:	TX G Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	51.76	7.26	59.02	74.00	-14.98	Peak	
2	2390.0000	41.69	7.26	48.95	54.00	-5.05	AVG	
3 *	2431.6000	99.72	7.25	106.97	54.00	52.97	AVG	No Limit
4	2443.1500	107.66	7.25	114.91	74.00	40.91	Peak	No Limit
5	2483.5000	51.47	7.25	58.72	74.00	-15.28	Peak	
6	2483.5000	41.78	7.25	49.03	54.00	-4.97	AVG	

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

Test Mode:	TX G Mode 2437 MHz

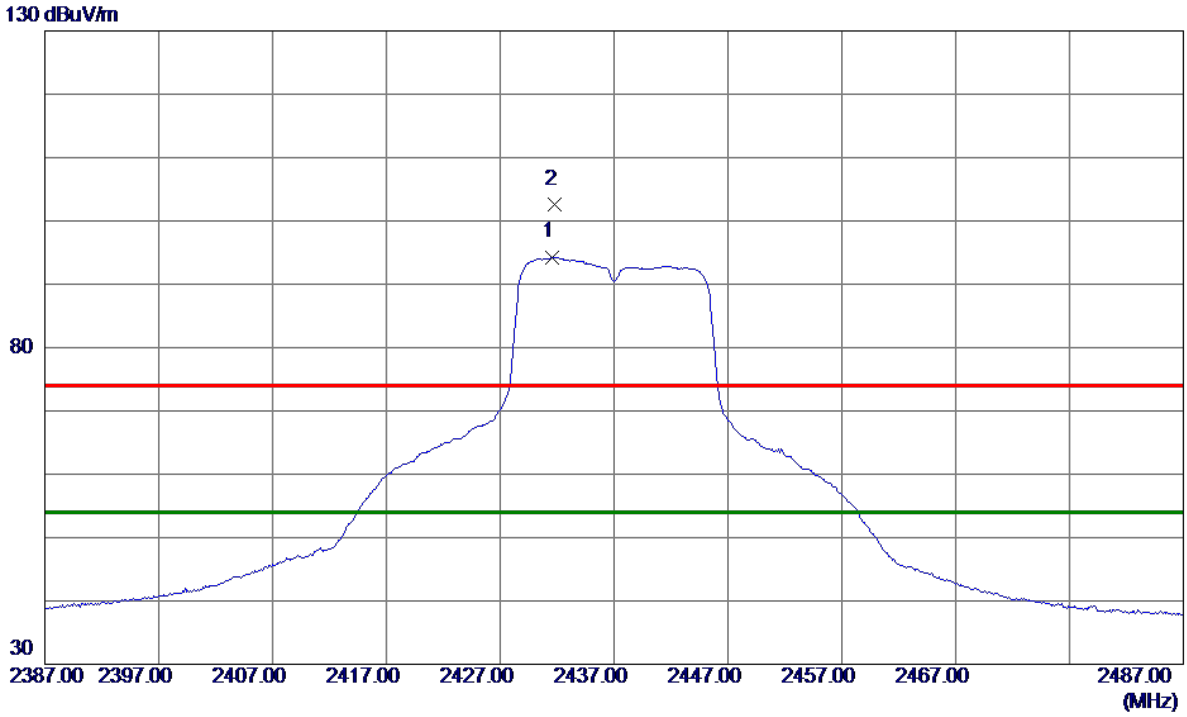
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.3250	35.95	4.58	40.53	54.00	-13.47	AVG	
2	4879.9500	45.80	4.60	50.40	74.00	-23.60	Peak	

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

Test Mode:	TX G Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2431.6000	87.05	7.25	94.30	54.00	40.30	AVG	No Limit
2	2431.8000	95.27	7.25	102.52	74.00	28.52	Peak	No Limit

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

Test Mode:	TX G Mode 2437 MHz

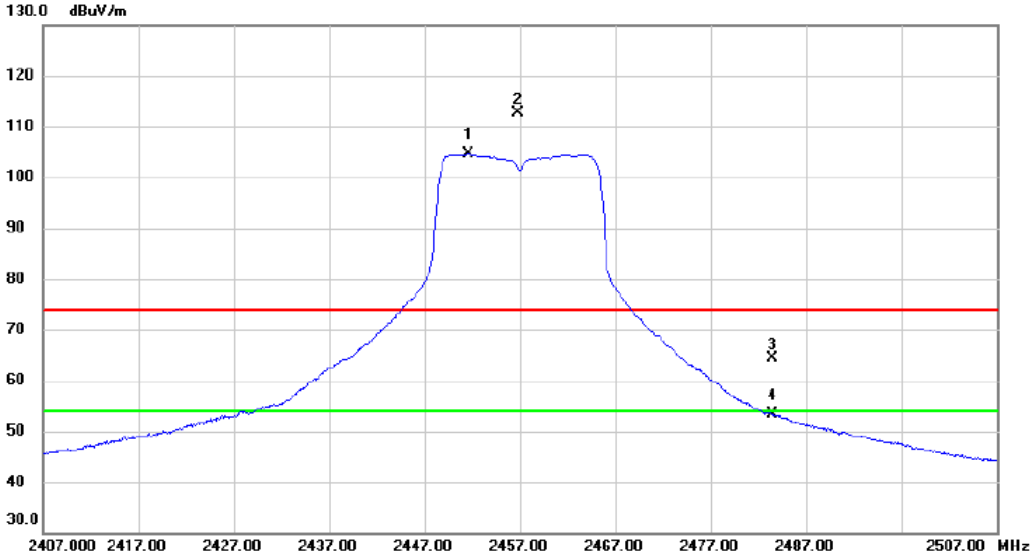
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4872.9250	29.26	4.58	33.84	54.00	-20.16	AVG	
2	4875.3250	39.35	4.59	43.94	74.00	-30.06	Peak	

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

Test Mode:	TX G Mode 2457 MHz

Vertical



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2451.600	97.33	7.25	104.58	54.00	50.58	AVG	No Limit
2	X	2456.800	105.29	7.26	112.55	74.00	38.55	peak	No Limit
3		2483.500	57.09	7.25	64.34	74.00	-9.66	peak	
4		2483.500	46.10	7.25	53.35	54.00	-0.65	AVG	

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

Test Mode:	TX G Mode 2457 MHz

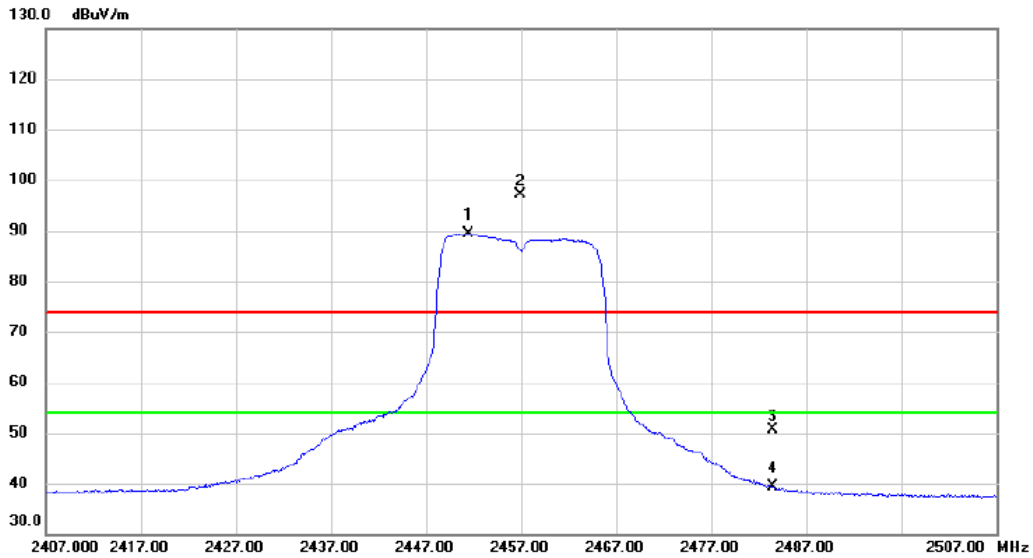
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4913.450	34.34	4.68	39.02	54.00	-14.98	AVG	
2		4914.700	44.63	4.69	49.32	74.00	-24.68	peak	

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

Test Mode:	TX G Mode 2457 MHz

Horizontal

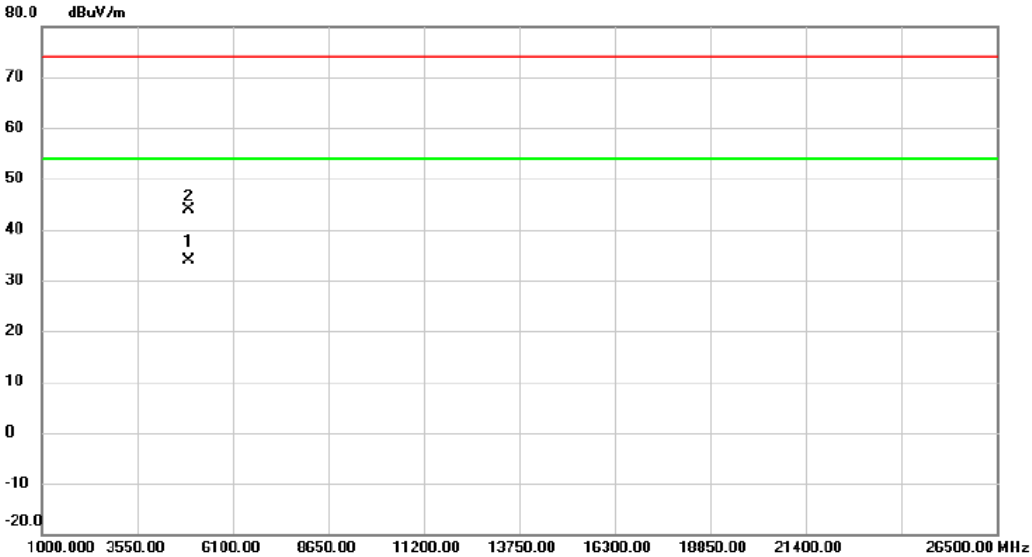


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2451.500	82.19	7.25	89.44	54.00	35.44	AVG	No Limit
2	X	2456.900	89.98	7.26	97.24	74.00	23.24	peak	No Limit
3		2483.500	43.33	7.25	50.58	74.00	-23.42	peak	
4		2483.500	32.06	7.25	39.31	54.00	-14.69	AVG	

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

Test Mode:	TX G Mode 2457 MHz

Horizontal

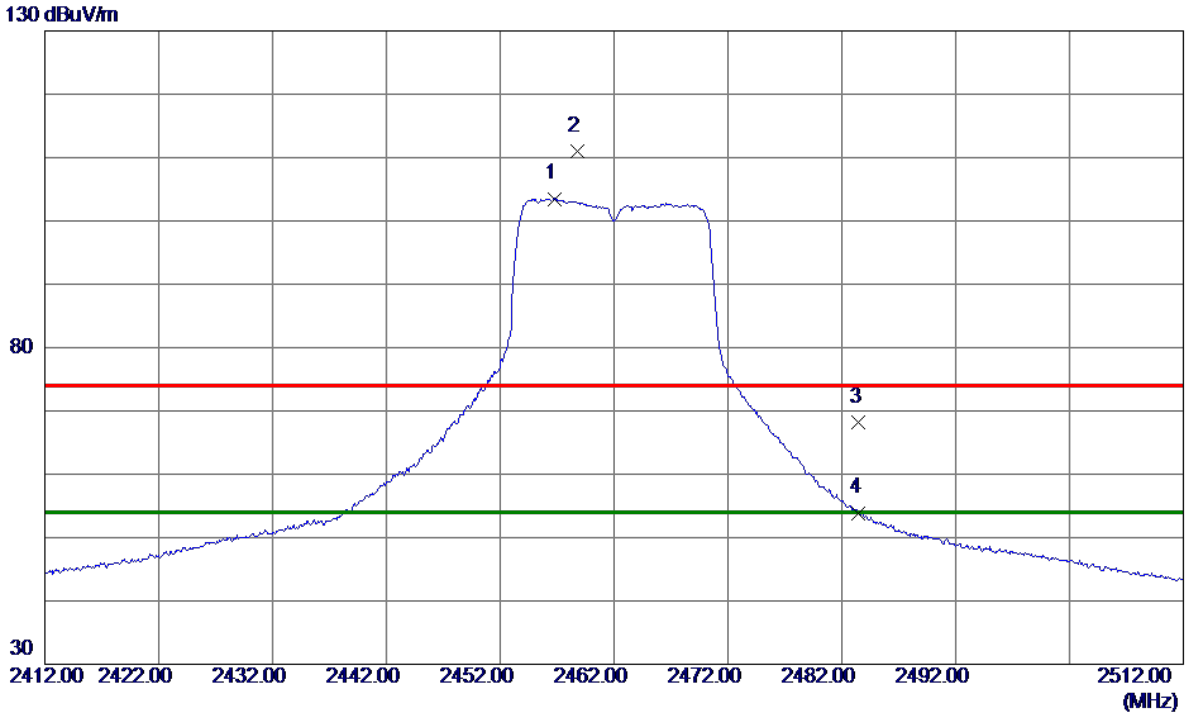


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4926.825	29.23	4.72	33.95	54.00	-20.05	AVG	
2		4927.075	39.14	4.72	43.86	74.00	-30.14	peak	

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

Test Mode:	TX G Mode 2462 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2456.7500	96.25	7.25	103.50	54.00	49.50	AVG	No Limit
2	2458.8000	103.77	7.25	111.02	74.00	37.02	Peak	No Limit
3	2483.5000	60.88	7.25	68.13	74.00	-5.87	Peak	
4	2483.5000	46.65	7.25	53.90	54.00	-0.10	AVG	

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

Test Mode:	TX G Mode 2462 MHz

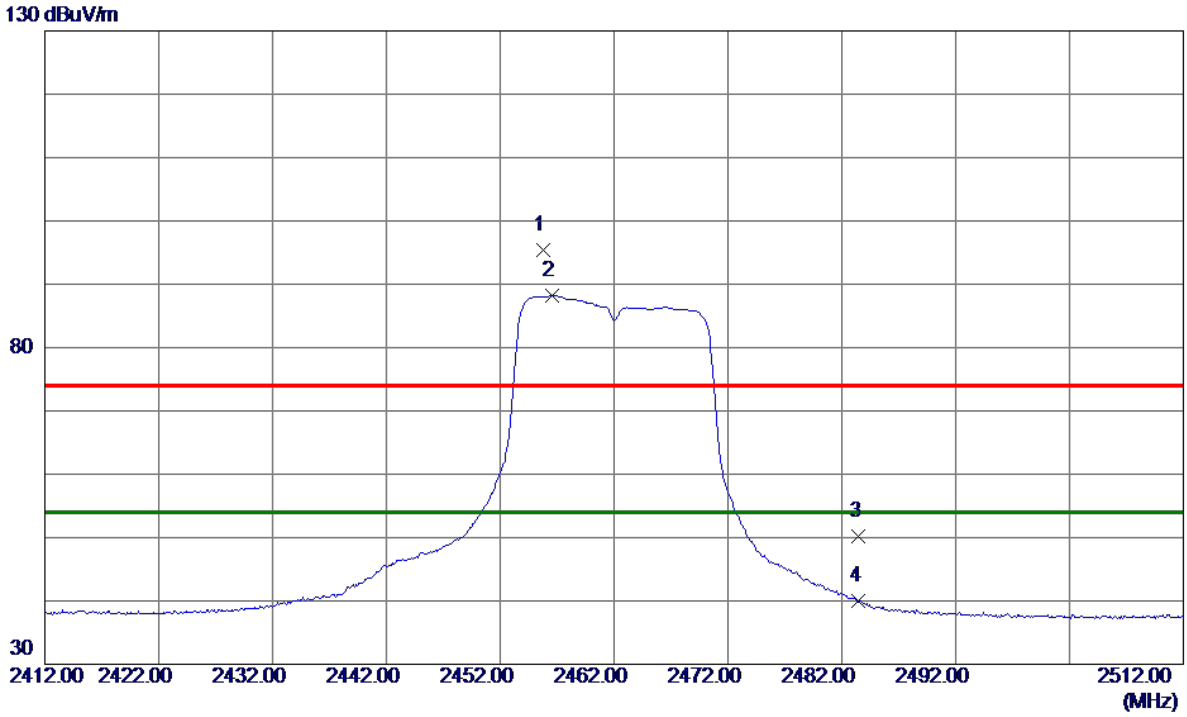
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.4500	33.53	4.72	38.25	54.00	-15.75	AVG	
2	4923.7500	43.42	4.72	48.14	74.00	-25.86	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.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2455.8000	88.19	7.25	95.44	74.00	21.44	Peak	No Limit
2 *	2456.6000	81.00	7.25	88.25	54.00	34.25	AVG	No Limit
3	2483.5000	42.93	7.25	50.18	74.00	-23.82	Peak	
4	2483.5000	32.70	7.25	39.95	54.00	-14.05	AVG	

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

Test Mode:	TX G Mode 2462 MHz

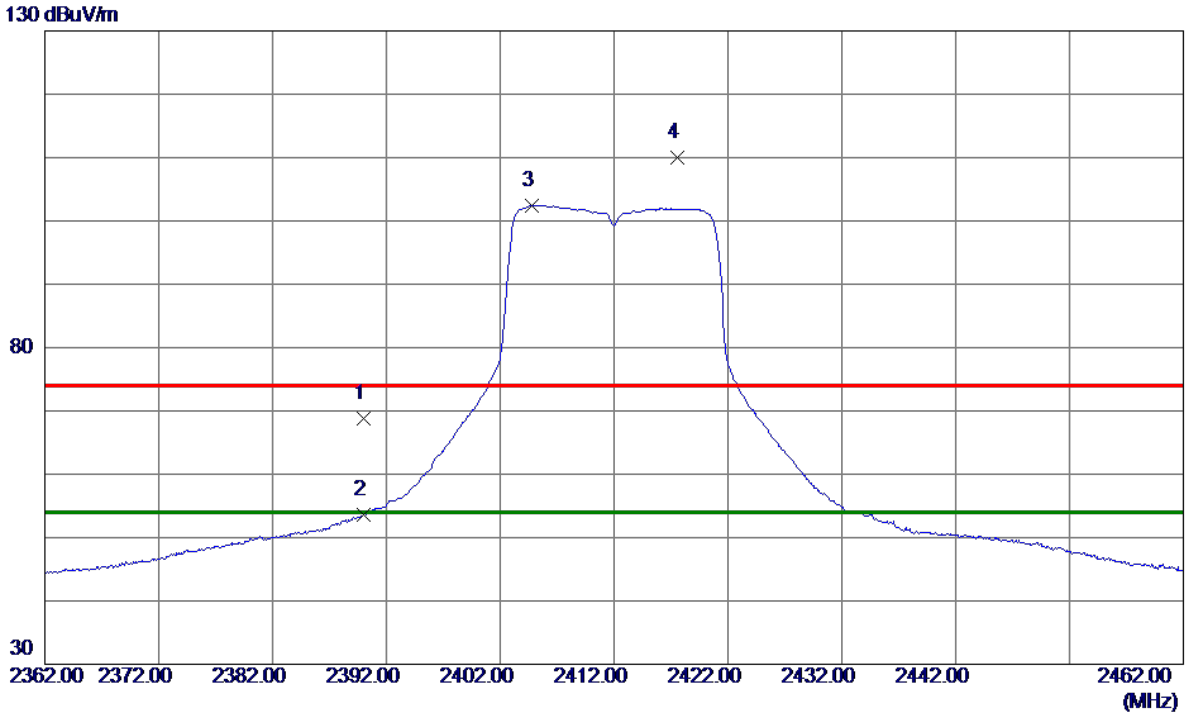
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.0000	28.98	4.71	33.69	54.00	-20.31	AVG	
2	4924.0250	39.80	4.72	44.52	74.00	-29.48	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.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	61.48	7.26	68.74	74.00	-5.26	Peak	
2	2390.0000	46.37	7.26	53.63	54.00	-0.37	AVG	
3 *	2404.8000	95.23	7.26	102.49	54.00	48.49	AVG	No Limit
4	2417.6000	102.79	7.26	110.05	74.00	36.05	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

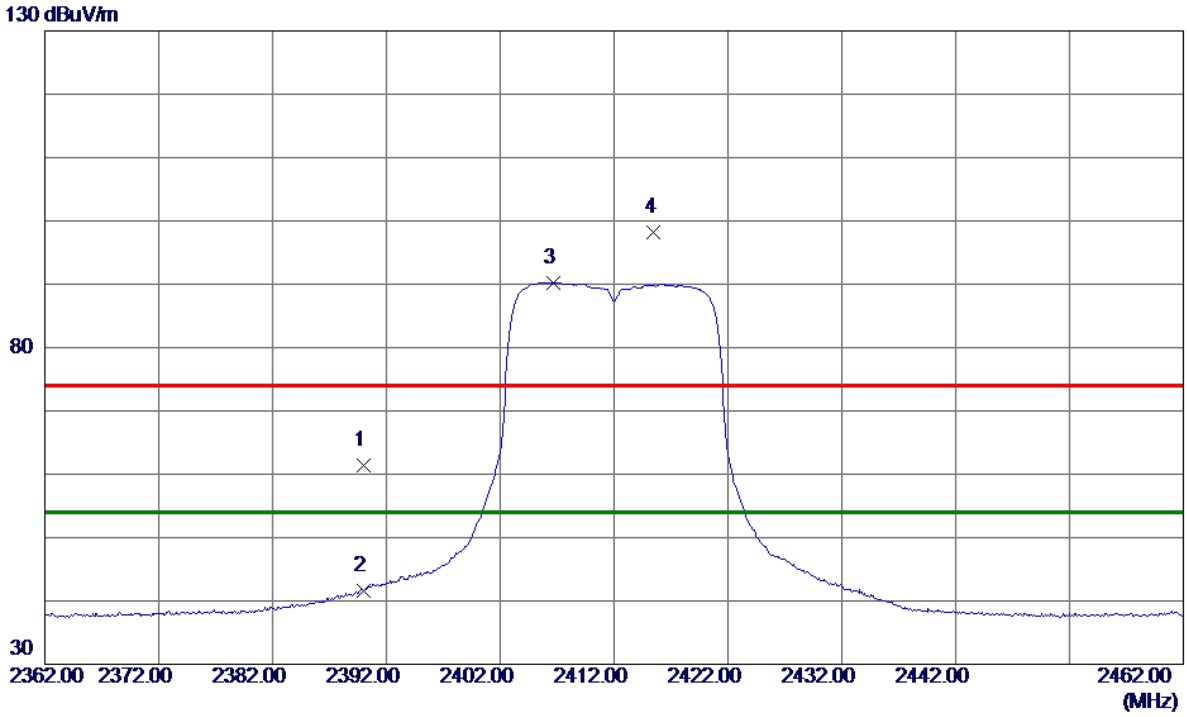
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4823.4250	34.01	4.45	38.46	54.00	-15.54	AVG	
2	4824.5750	43.23	4.45	47.68	74.00	-26.32	Peak	

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

Test Mode:	TX N-20M Mode 2412 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	54.08	7.26	61.34	74.00	-12.66	Peak	
2	2390.0000	34.43	7.26	41.69	54.00	-12.31	AVG	
3 *	2406.7000	82.99	7.26	90.25	54.00	36.25	AVG	No Limit
4	2415.5000	90.95	7.26	98.21	74.00	24.21	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

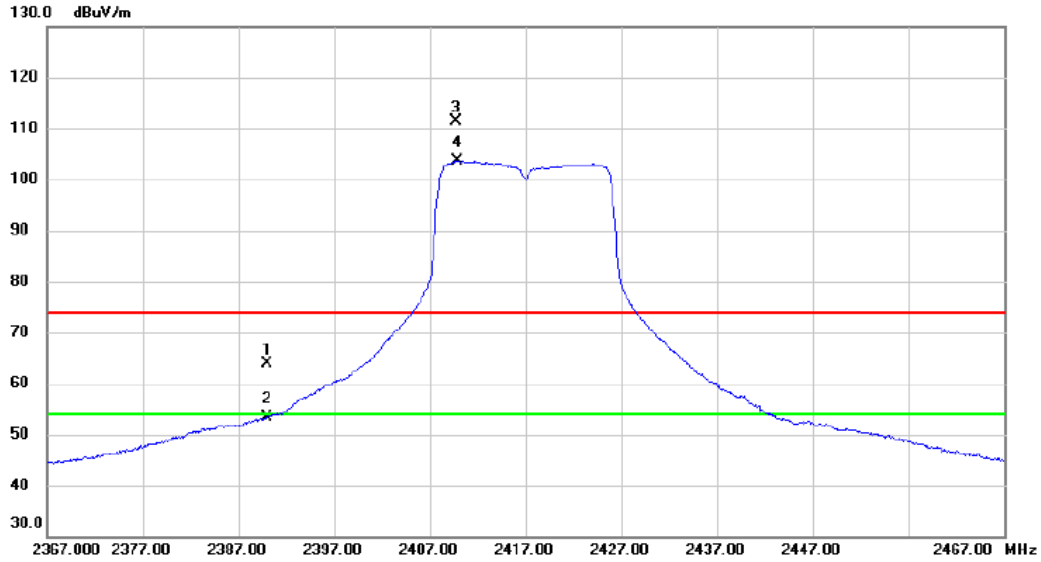
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4825.2000	29.70	4.45	34.15	54.00	-19.85	AVG	
2	4838.5750	40.48	4.49	44.97	74.00	-29.03	Peak	

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

Test Mode:	TX N-20M Mode 2417 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	56.54	7.26	63.80	74.00	-10.20	peak	
2		2390.000	46.23	7.26	53.49	54.00	-0.51	AVG	
3	X	2409.700	104.25	7.25	111.50	74.00	37.50	peak	No Limit
4	*	2409.800	96.37	7.25	103.62	54.00	49.62	AVG	No Limit

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

Test Mode:	TX N-20M Mode 2417 MHz

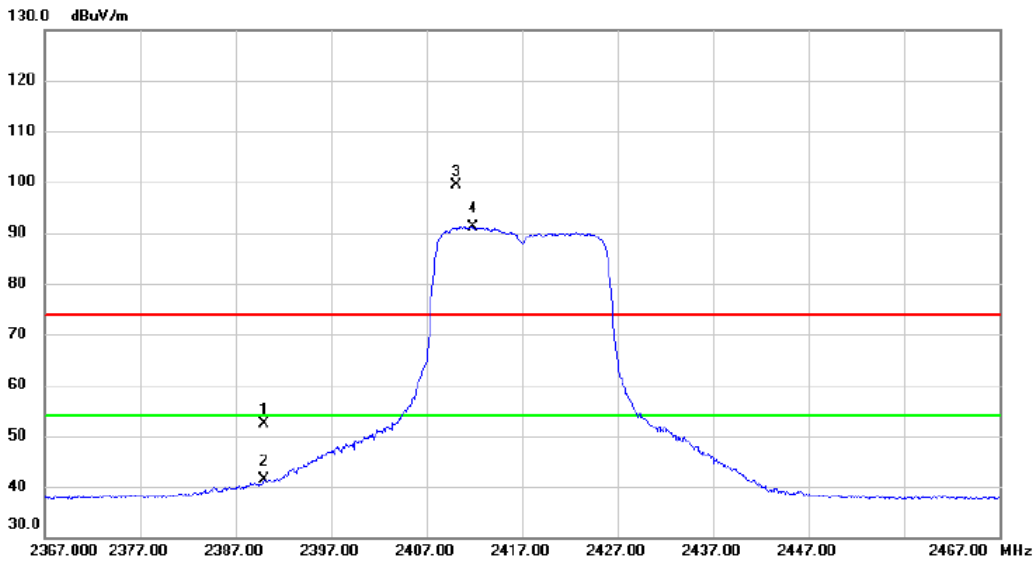
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.900	44.41	4.45	48.86	74.00	-25.14	peak	
2	*	4833.500	34.92	4.47	39.39	54.00	-14.61	AVG	

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

Test Mode:	TX N-20M Mode 2417 MHz

Horizontal

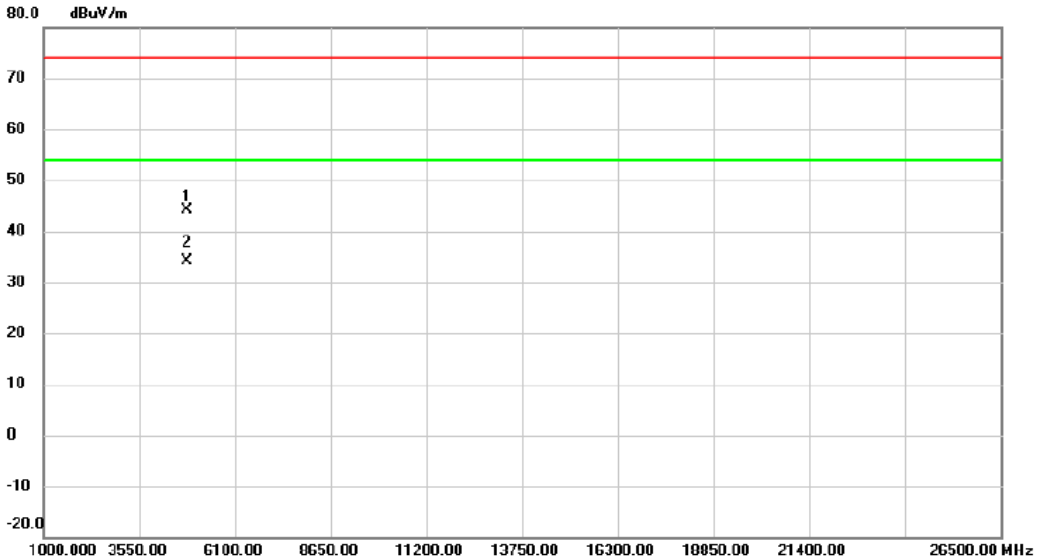


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	45.04	7.26	52.30	74.00	-21.70	peak	
2		2390.000	34.04	7.26	41.30	54.00	-12.70	AVG	
3	X	2410.200	92.16	7.25	99.41	74.00	25.41	peak	No Limit
4	*	2411.800	83.87	7.26	91.13	54.00	37.13	AVG	No Limit

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

Test Mode:	TX N-20M Mode 2417 MHz

Horizontal

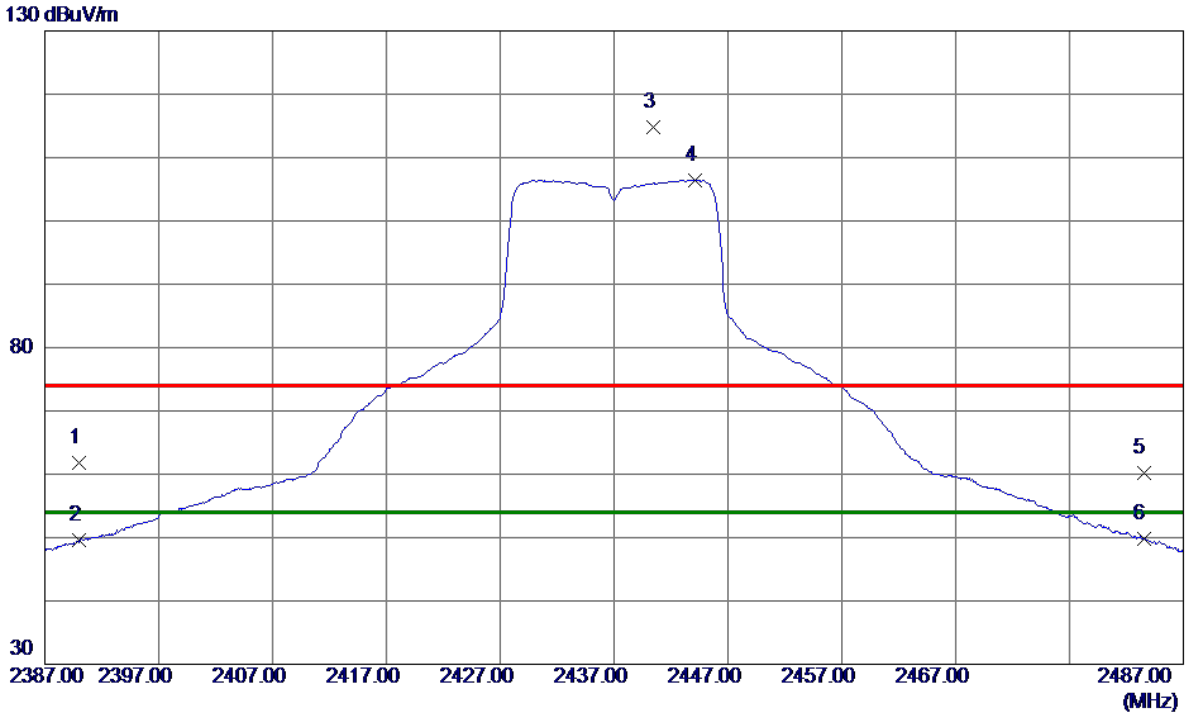


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4834.800	39.62	4.48	44.10	74.00	-29.90	peak	
2	*	4834.875	29.62	4.48	34.10	54.00	-19.90	AVG	

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

Test Mode:	TX N-20M Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	54.46	7.26	61.72	74.00	-12.28	Peak	
2	2390.0000	42.28	7.26	49.54	54.00	-4.46	AVG	
3	2440.4000	107.58	7.25	114.83	74.00	40.83	Peak	No Limit
4 *	2444.1500	99.20	7.25	106.45	54.00	52.45	AVG	No Limit
5	2483.5000	53.02	7.25	60.27	74.00	-13.73	Peak	
6	2483.5000	42.50	7.25	49.75	54.00	-4.25	AVG	

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

Test Mode:	TX N-20M Mode 2437 MHz

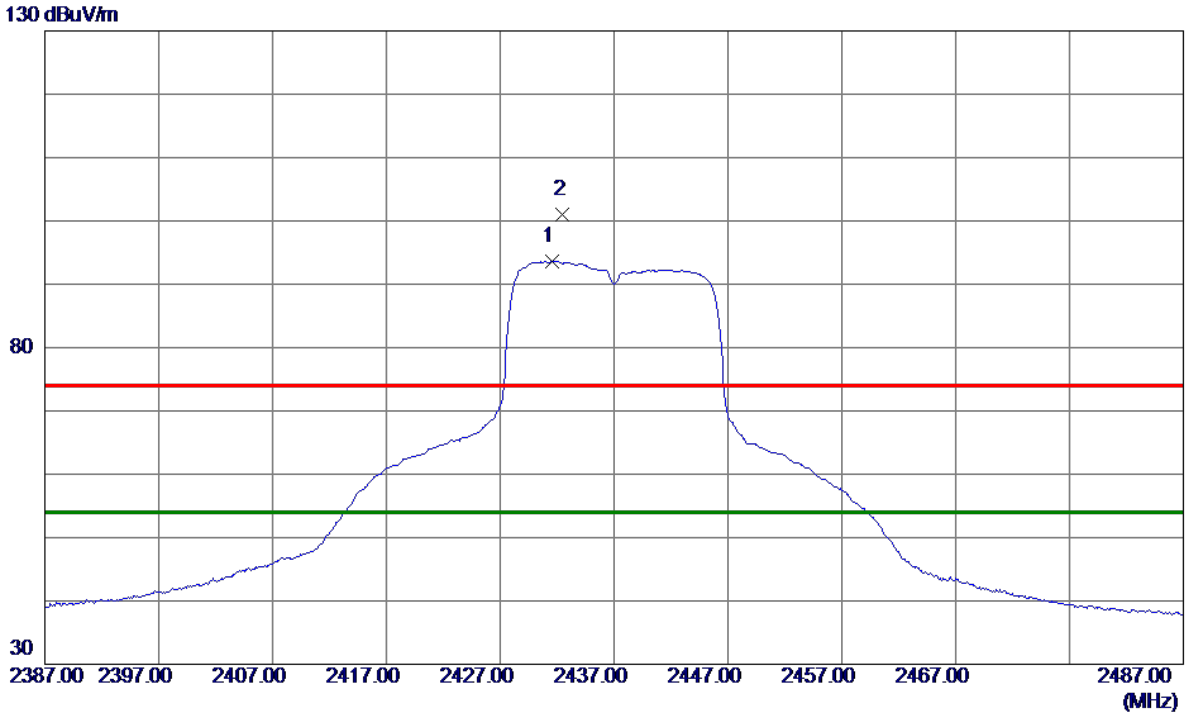
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4873.5250	36.25	4.58	40.83	54.00	-13.17	AVG	
2	4876.1500	45.73	4.59	50.32	74.00	-23.68	Peak	

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

Test Mode:	TX N-20M Mode 2437 MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2431.6000	86.32	7.25	93.57	54.00	39.57	AVG	No Limit
2	2432.5000	93.70	7.25	100.95	74.00	26.95	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

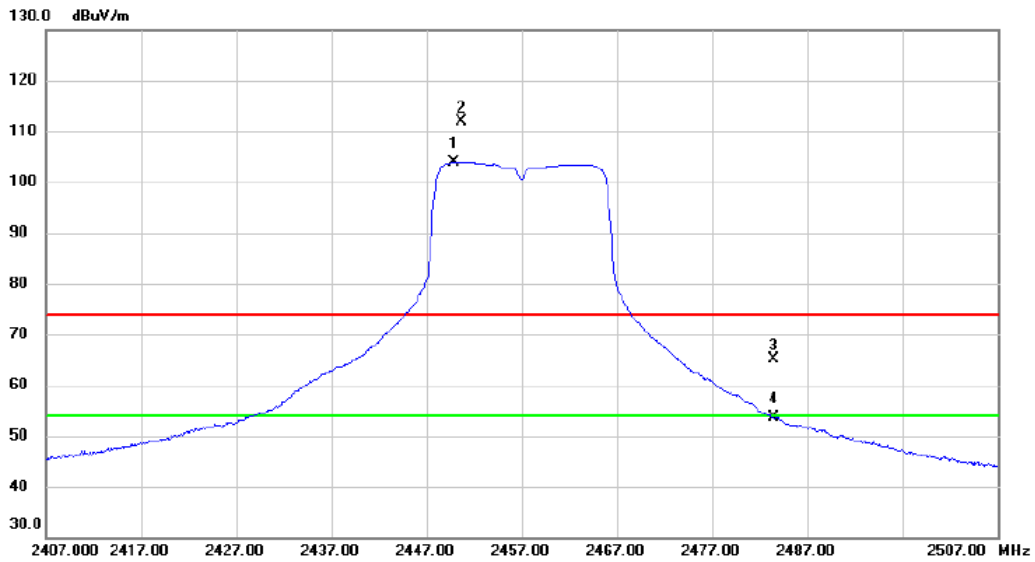
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4880.1000	29.12	4.60	33.72	54.00	-20.28	AVG	
2	4880.6000	39.60	4.60	44.20	74.00	-29.80	Peak	

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

Test Mode:	TX N-20M Mode 2457 MHz

Vertical

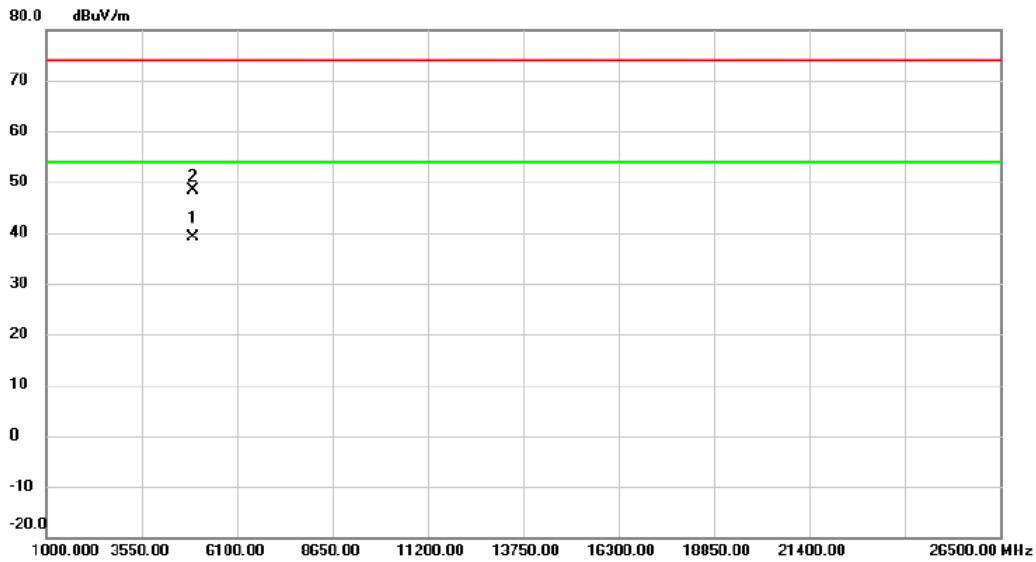


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2449.800	96.71	7.25	103.96	54.00	49.96	AVG	No Limit
2	X	2450.650	104.54	7.25	111.79	74.00	37.79	peak	No Limit
3		2483.500	57.86	7.25	65.11	74.00	-8.89	peak	
4		2483.500	46.34	7.25	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-20M Mode 2457 MHz

Vertical

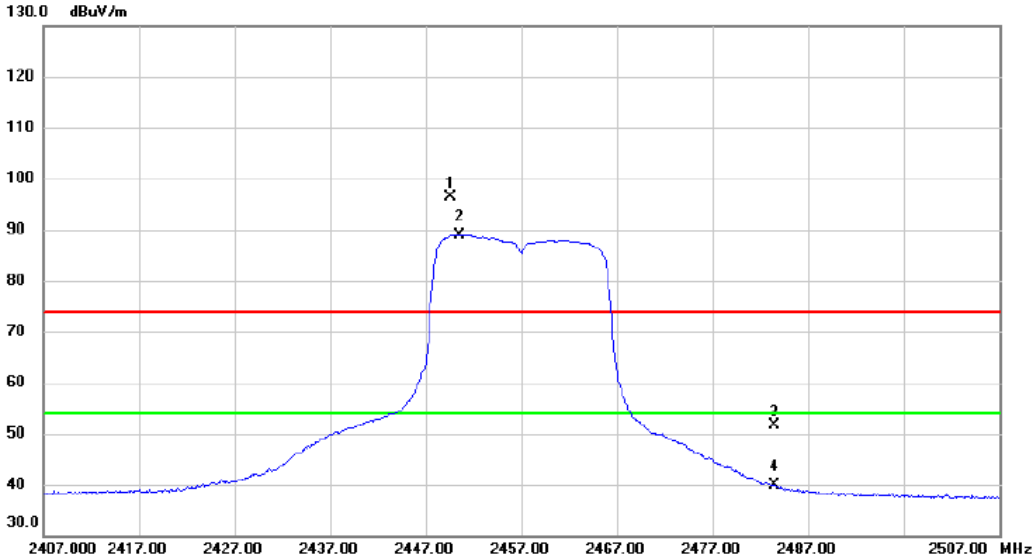


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4913.675	34.41	4.69	39.10	54.00	-14.90	AVG	
2		4916.850	43.58	4.70	48.28	74.00	-25.72	peak	

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

Test Mode:	TX N-20M Mode 2457 MHz

Horizontal

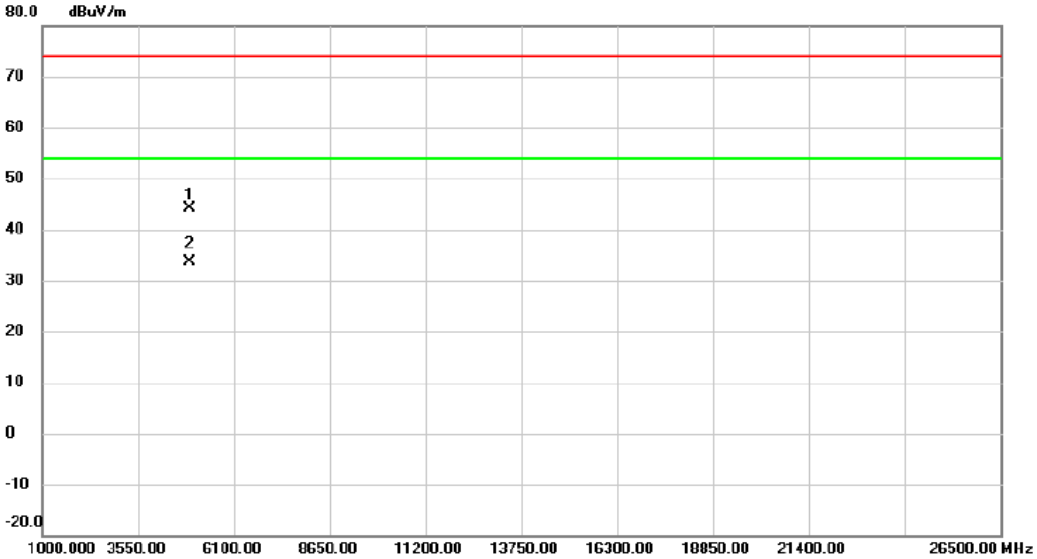


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2449.600	89.08	7.25	96.33	74.00	22.33	peak	No Limit
2	*	2450.500	81.72	7.25	88.97	54.00	34.97	AVG	No Limit
3		2483.500	44.32	7.25	51.57	74.00	-22.43	peak	
4		2483.500	32.63	7.25	39.88	54.00	-14.12	AVG	

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

Test Mode:	TX N-20M Mode 2457 MHz

Horizontal

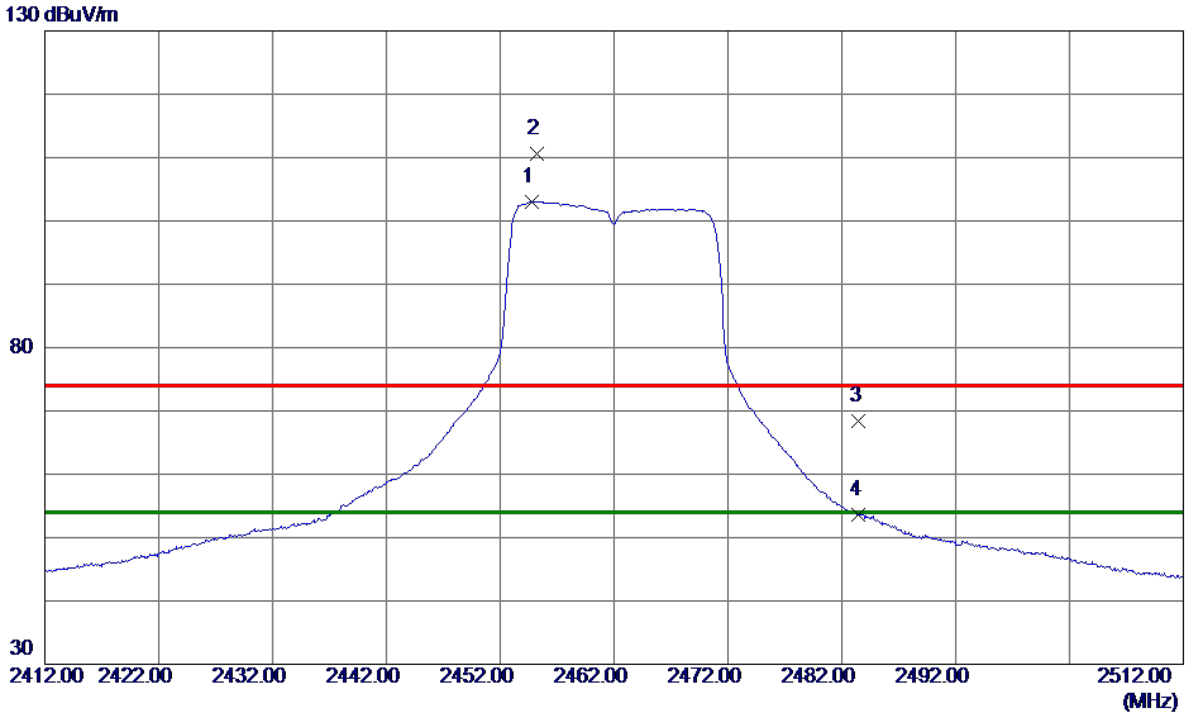


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4914.050	39.49	4.69	44.18	74.00	-29.82	peak	
2	*	4914.225	29.01	4.69	33.70	54.00	-20.30	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2454.8000	95.82	7.25	103.07	54.00	49.07	AVG	No Limit
2	2455.2000	103.42	7.25	110.67	74.00	36.67	Peak	No Limit
3	2483.5000	61.22	7.25	68.47	74.00	-5.53	Peak	
4	2483.5000	46.38	7.25	53.63	54.00	-0.37	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

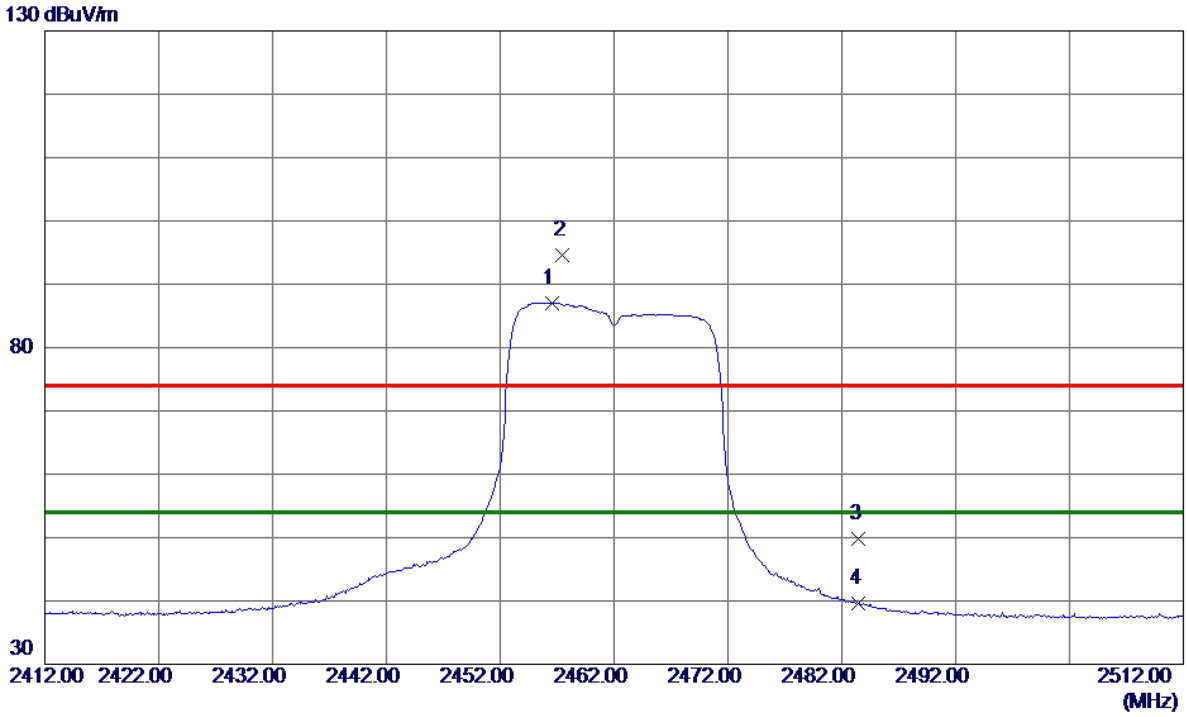
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4923.4000	33.71	4.72	38.43	54.00	-15.57	AVG	
2	4927.1250	44.14	4.73	48.87	74.00	-25.13	Peak	

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 *	2456.6000	79.80	7.25	87.05	54.00	33.05	AVG	No Limit
2	2457.5000	87.42	7.25	94.67	74.00	20.67	Peak	No Limit
3	2483.5000	42.51	7.25	49.76	74.00	-24.24	Peak	
4	2483.5000	32.38	7.25	39.63	54.00	-14.37	AVG	

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

Test Mode:	TX N-20M Mode 2462 MHz

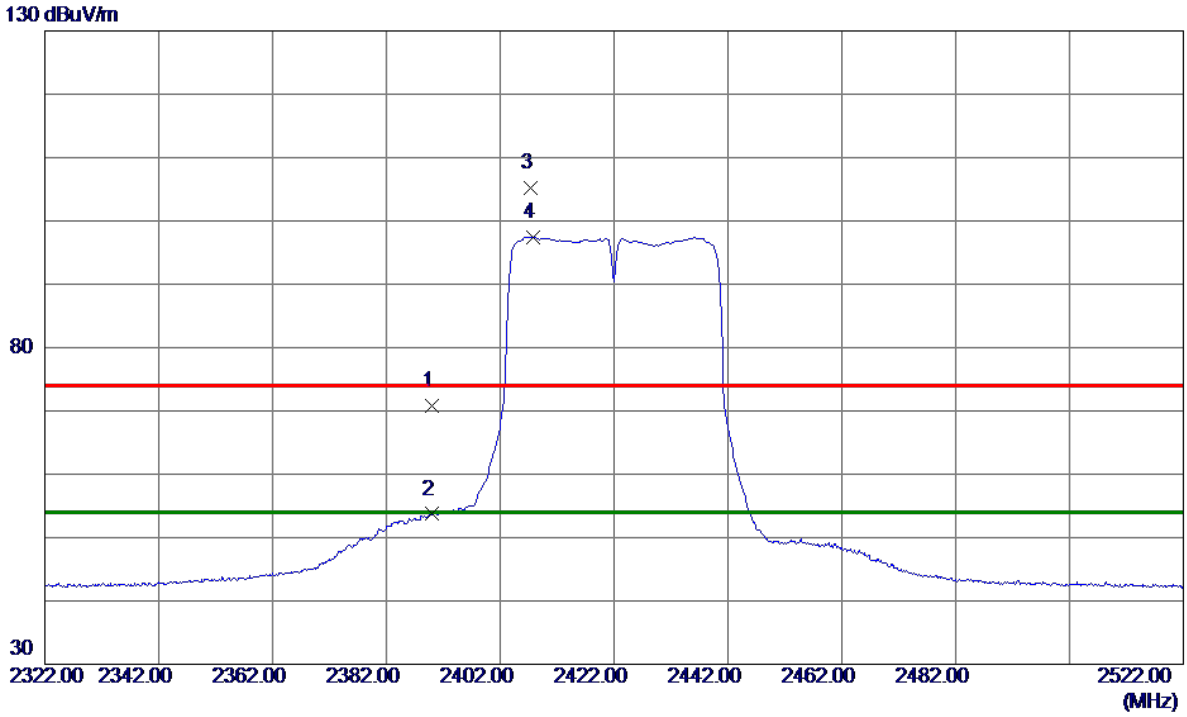
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4931.4750	29.00	4.74	33.74	54.00	-20.26	AVG	
2	4933.6750	37.22	4.74	41.96	74.00	-32.04	Peak	

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

Test Mode:	TX N-40M Mode 2422MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	63.62	7.26	70.88	74.00	-3.12	Peak	
2	2390.0000	46.44	7.26	53.70	54.00	-0.30	AVG	
3	2407.3000	97.97	7.26	105.23	74.00	31.23	Peak	No Limit
4 *	2407.8000	90.22	7.26	97.48	54.00	43.48	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2422MHz

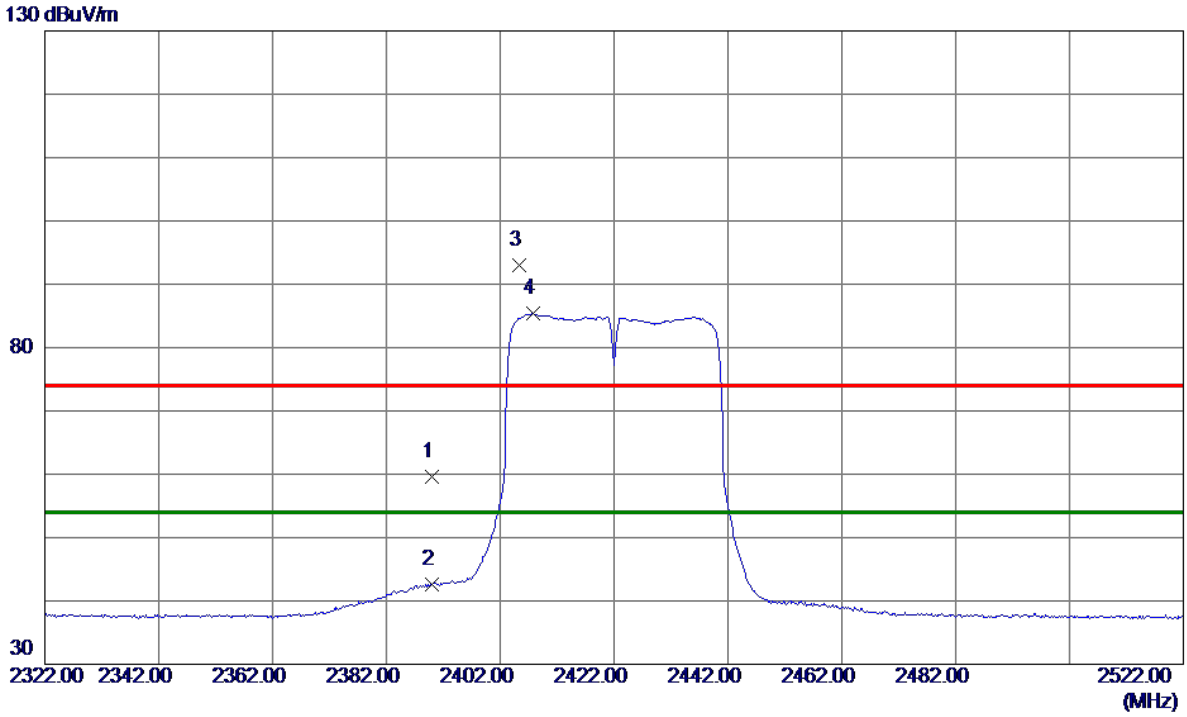
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4841.2500	41.41	4.50	45.91	74.00	-28.09	Peak	
2 *	4845.1500	31.18	4.51	35.69	54.00	-18.31	AVG	

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

Test Mode:	TX N-40M Mode 2422MHz

Horizontal



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	52.27	7.26	59.53	74.00	-14.47	Peak	
2	2390.0000	35.43	7.26	42.69	54.00	-11.31	AVG	
3	2405.4000	85.73	7.26	92.99	74.00	18.99	Peak	No Limit
4 *	2407.8000	78.08	7.26	85.34	54.00	31.34	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2422MHz

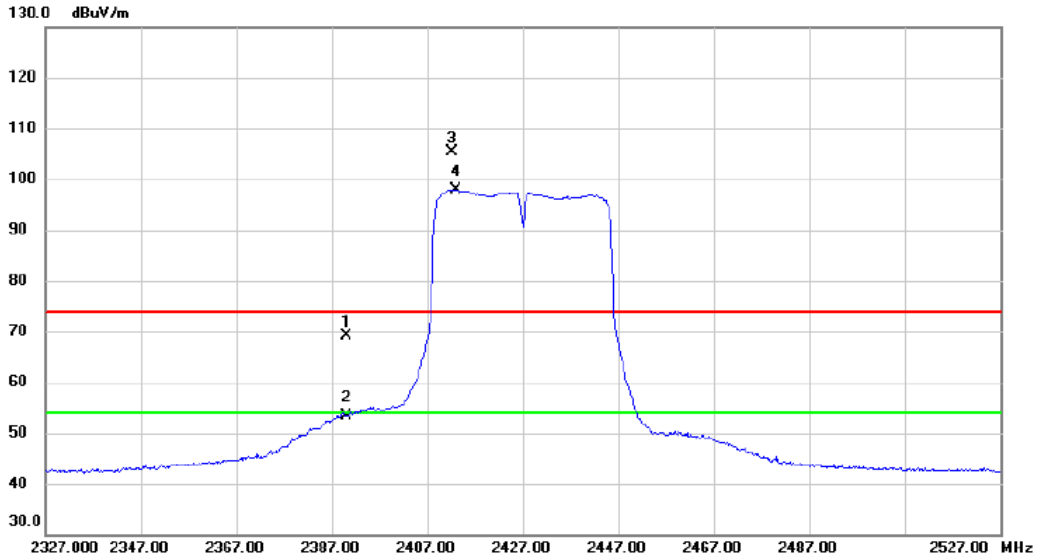
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4840.2000	30.75	4.49	35.24	54.00	-18.76	AVG	
2	4840.6500	39.10	4.49	43.59	74.00	-30.41	Peak	

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

Test Mode:	TX N-40M Mode 2427MHz

Vertical

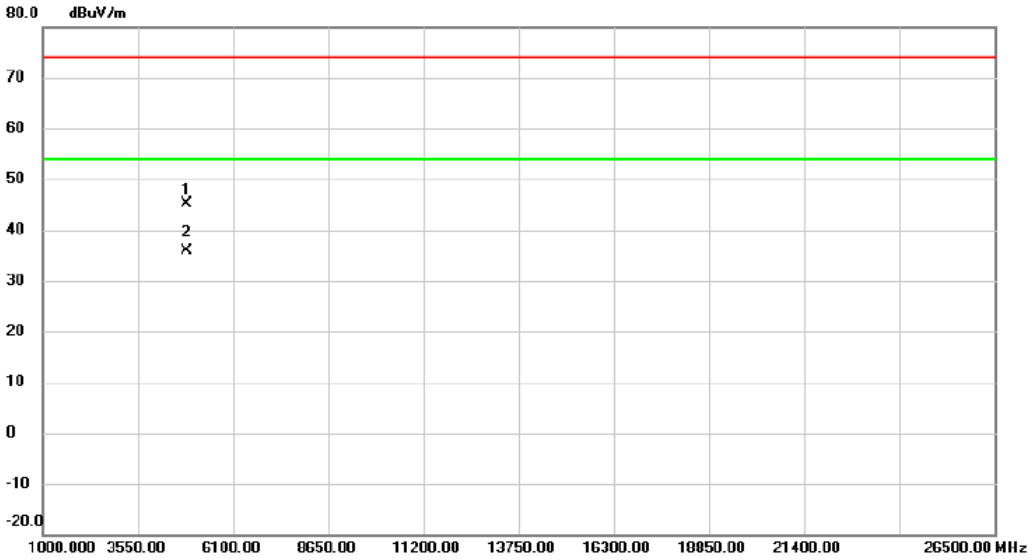


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	61.87	7.26	69.13	74.00	-4.87	peak	
2		2390.000	46.11	7.26	53.37	54.00	-0.63	AVG	
3	X	2412.200	98.20	7.26	105.46	74.00	31.46	peak	No Limit
4	*	2412.900	90.67	7.26	97.93	54.00	43.93	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2427MHz

Vertical

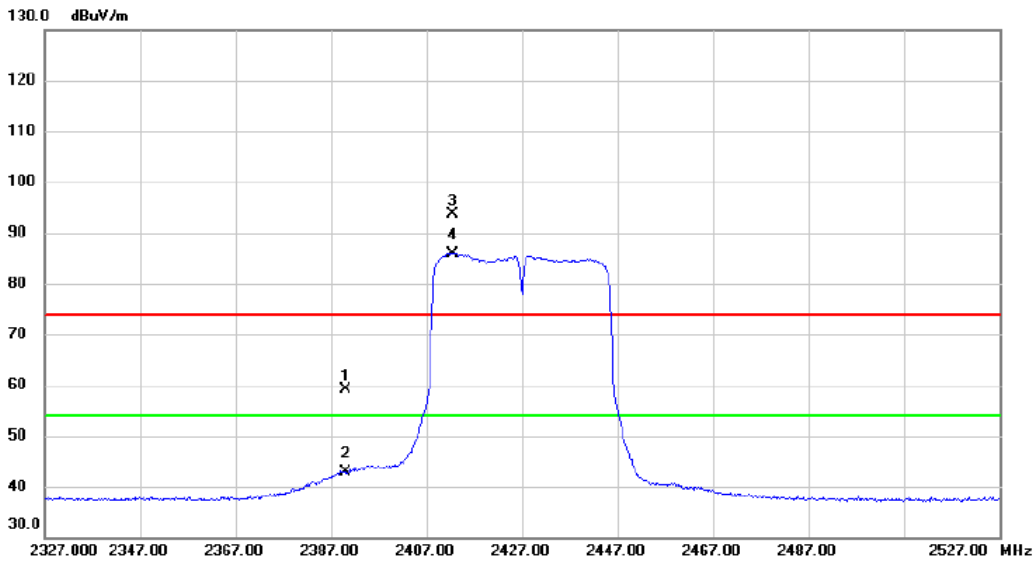


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4853.700	40.54	4.53	45.07	74.00	-28.93	peak	
2	*	4853.950	31.31	4.53	35.84	54.00	-18.16	AVG	

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

Test Mode:	TX N-40M Mode 2427MHz

Horizontal

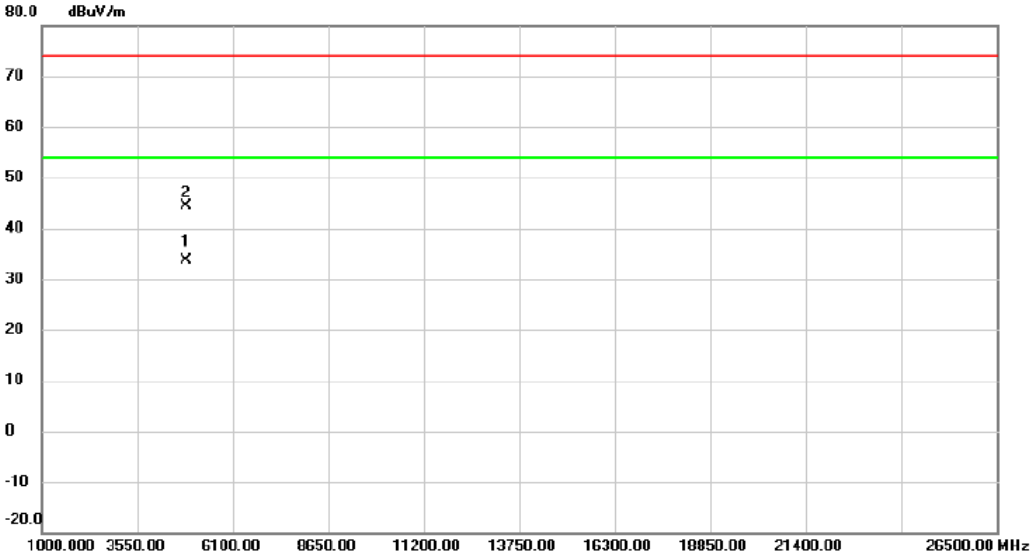


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	51.76	7.26	59.02	74.00	-14.98	peak	
2		2390.000	35.53	7.26	42.79	54.00	-11.21	AVG	
3	X	2412.400	86.37	7.26	93.63	74.00	19.63	peak	No Limit
4	*	2412.600	78.61	7.26	85.87	54.00	31.87	AVG	No Limit

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

Test Mode:	TX N-40M Mode 2427MHz

Horizontal

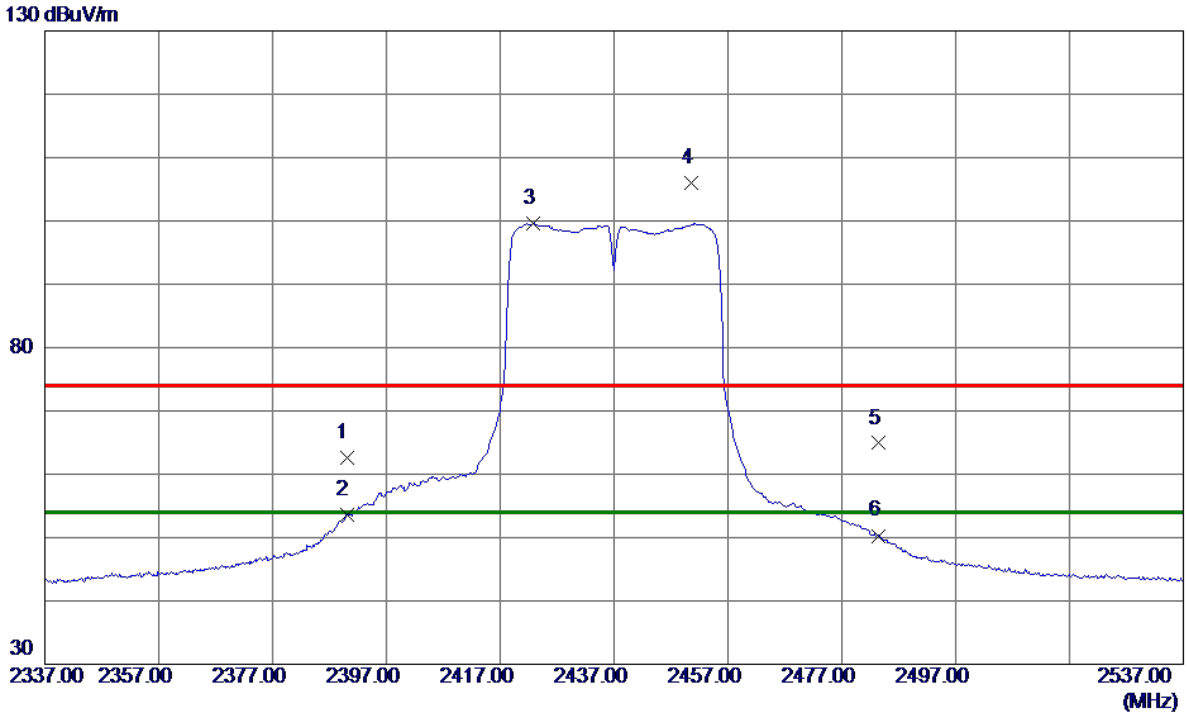


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4851.950	29.04	4.52	33.56	54.00	-20.44	AVG	
2		4852.700	39.79	4.53	44.32	74.00	-29.68	peak	

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

Test Mode:	TX N-40M Mode 2437 MHz

Vertical



No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	2390.0000	55.43	7.26	62.69	74.00	-11.31	Peak	
2	2390.0000	46.25	7.26	53.51	54.00	-0.49	AVG	
3 *	2422.7000	92.27	7.26	99.53	54.00	45.53	AVG	No Limit
4	2450.5000	98.71	7.25	105.96	74.00	31.96	Peak	No Limit
5	2483.5000	57.65	7.25	64.90	74.00	-9.10	Peak	
6	2483.5000	43.05	7.25	50.30	54.00	-3.70	AVG	

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

Test Mode:	TX N-40M Mode 2437 MHz

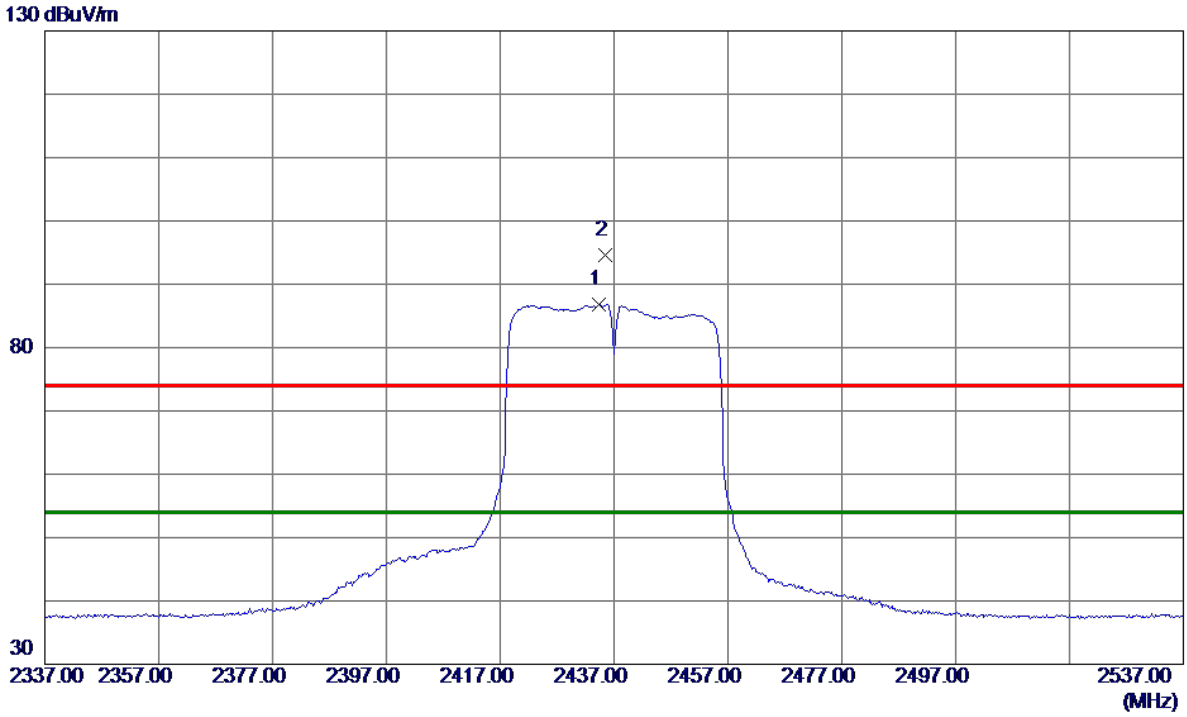
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4864.7000	31.30	4.56	35.86	54.00	-18.14	AVG	
2	4864.8500	42.12	4.56	46.68	74.00	-27.32	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.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	2434.4000	79.56	7.25	86.81	54.00	32.81	AVG	No Limit
2	2435.4000	87.33	7.25	94.58	74.00	20.58	Peak	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

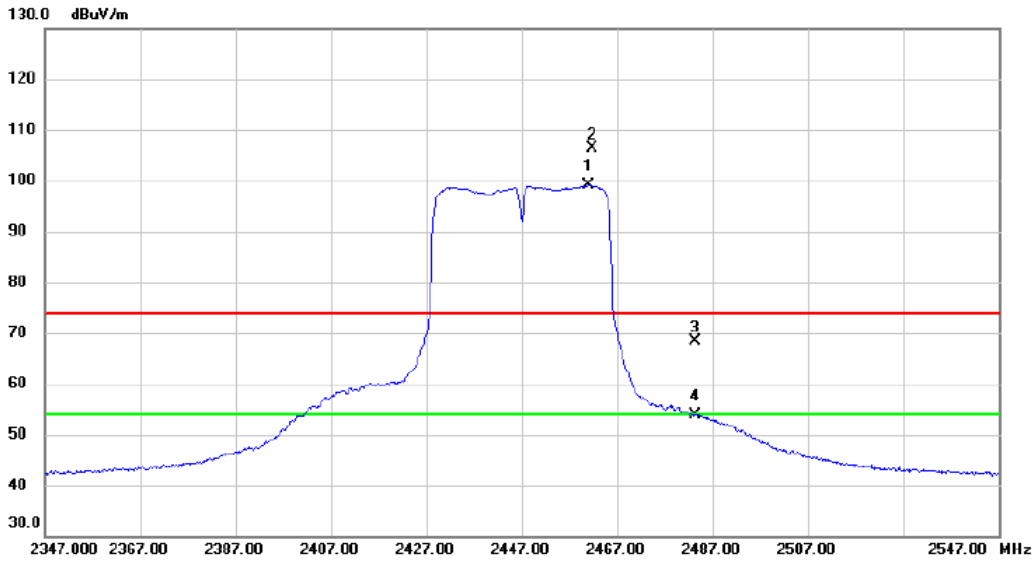
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	4854.4500	28.98	4.53	33.51	54.00	-20.49	AVG	
2	4857.7000	39.29	4.54	43.83	74.00	-30.17	Peak	

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

Test Mode:	TX N-40M Mode 2447 MHz

Vertical

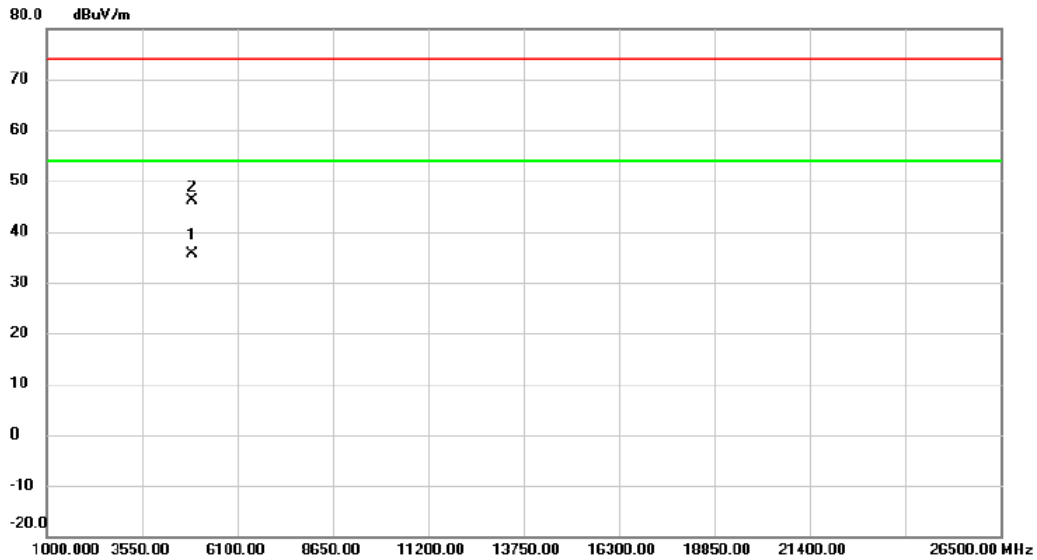


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2461.000	91.90	7.25	99.15	54.00	45.15	AVG	No Limit
2	X	2461.800	99.22	7.25	106.47	74.00	32.47	peak	No Limit
3		2483.500	61.23	7.25	68.48	74.00	-5.52	peak	
4		2483.500	46.55	7.25	53.80	54.00	-0.20	AVG	

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

Test Mode:	TX N-40M Mode 2447 MHz

Vertical

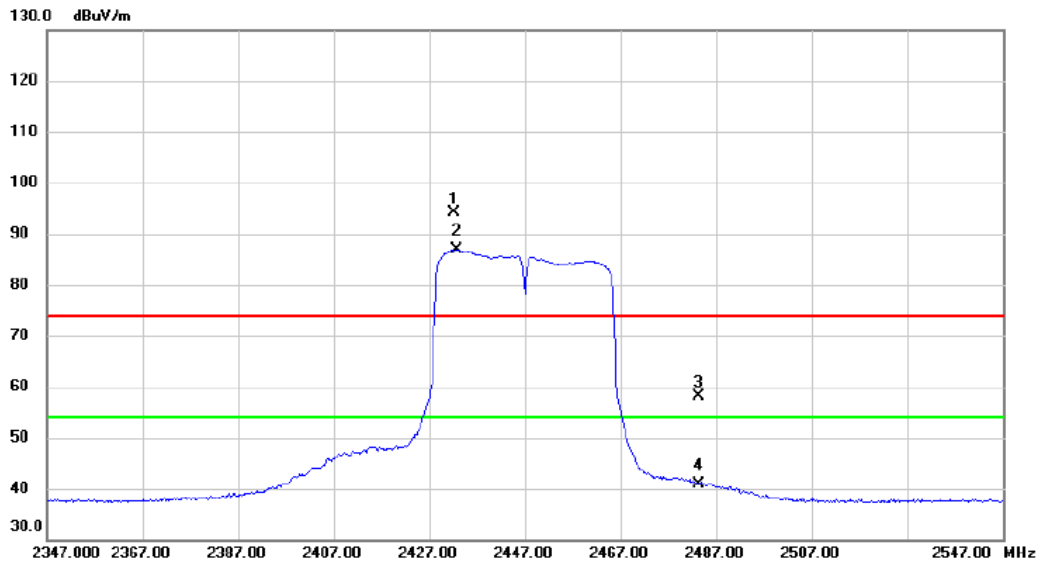


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4888.850	31.12	4.63	35.75	54.00	-18.25	AVG	
2		4904.350	41.42	4.66	46.08	74.00	-27.92	peak	

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

Test Mode:	TX N-40M Mode 2447 MHz

Horizontal

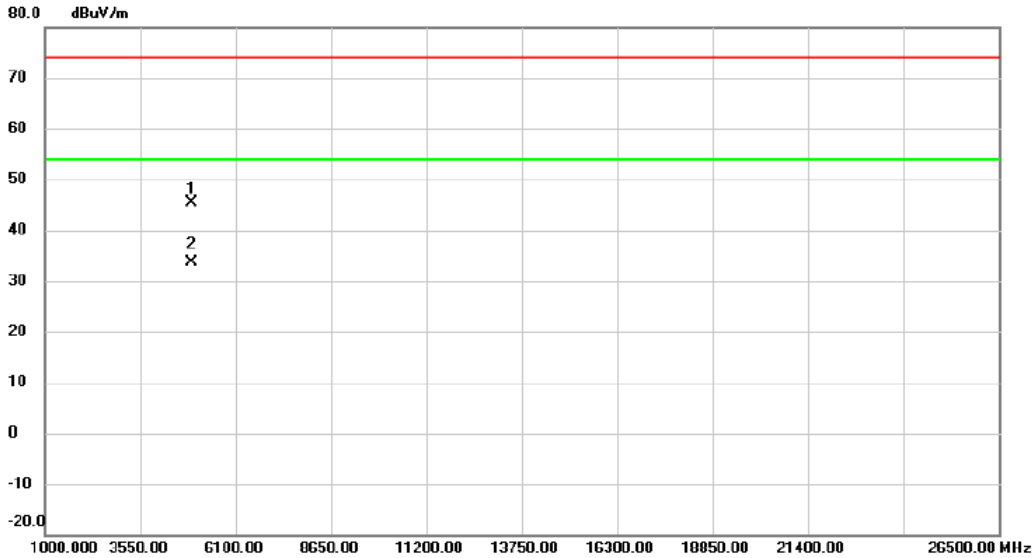


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2432.200	86.95	7.25	94.20	74.00	20.20	peak	No Limit
2	*	2432.800	79.58	7.25	86.83	54.00	32.83	AVG	No Limit
3		2483.500	50.98	7.25	58.23	74.00	-15.77	peak	
4		2483.500	33.71	7.25	40.96	54.00	-13.04	AVG	

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

Test Mode:	TX N-40M Mode 2447 MHz

Horizontal

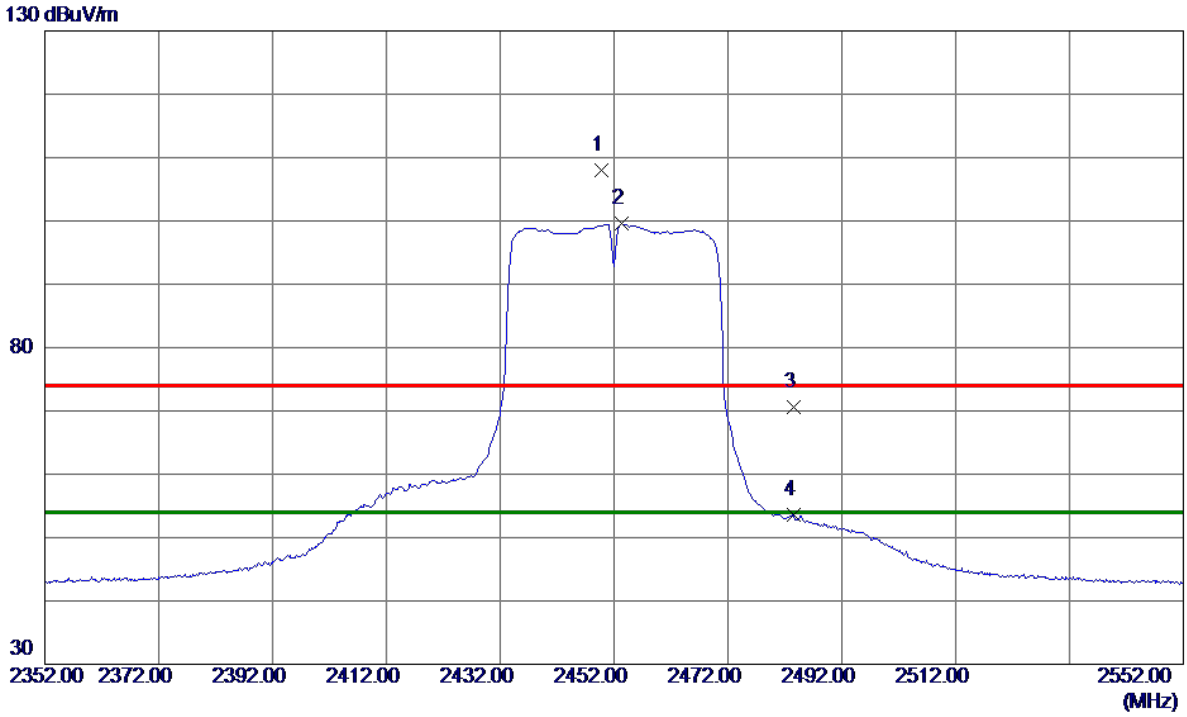


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	40.67	4.71	45.38	74.00	-28.62	peak	
2	*	4927.700	28.96	4.72	33.68	54.00	-20.32	AVG	

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	2449.8000	100.78	7.25	108.03	74.00	34.03	Peak	No Limit
2 *	2453.4000	92.33	7.25	99.58	54.00	45.58	AVG	No Limit
3	2483.5000	63.43	7.25	70.68	74.00	-3.32	Peak	
4	2483.6000	46.40	7.25	53.65	54.00	-0.35	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

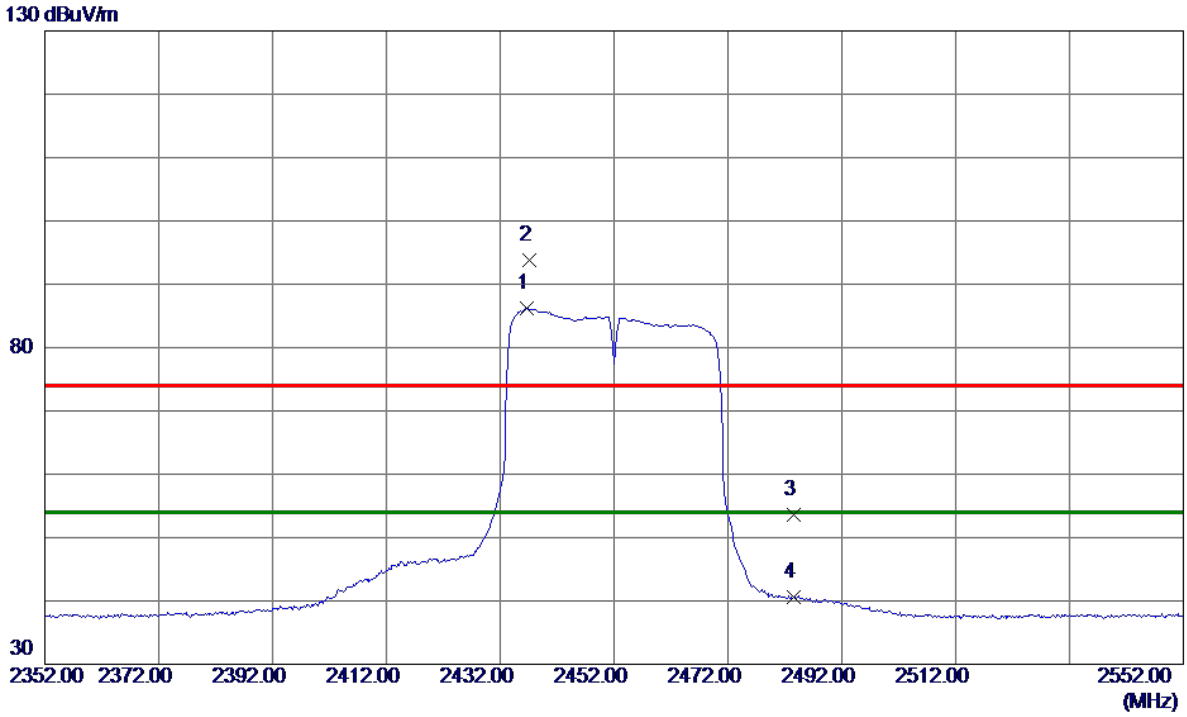
Vertical

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4902.5000	41.40	4.66	46.06	74.00	-27.94	Peak	
2 *	4904.0500	31.19	4.66	35.85	54.00	-18.15	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 *	2436.6000	78.92	7.25	86.17	54.00	32.17	AVG	No Limit
2	2437.2000	86.59	7.25	93.84	74.00	19.84	Peak	No Limit
3	2483.5000	46.32	7.25	53.57	74.00	-20.43	Peak	
4	2483.5000	33.44	7.25	40.69	54.00	-13.31	AVG	

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

Test Mode:	TX N-40M Mode 2452 MHz

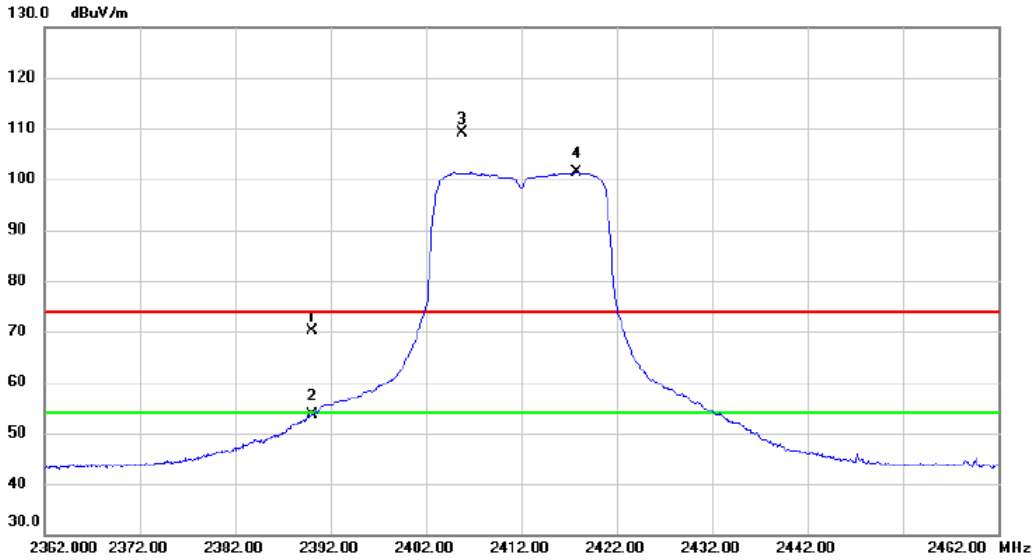
Horizontal

No.	Freq.	Reading Level	Correct Factor	Measure ment	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	4901.3000	38.77	4.66	43.43	74.00	-30.57	Peak	
2 *	4905.9500	29.00	4.67	33.67	54.00	-20.33	AVG	

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

Test Mode:	TX vht20 Mode 2412 MHz

Vertical

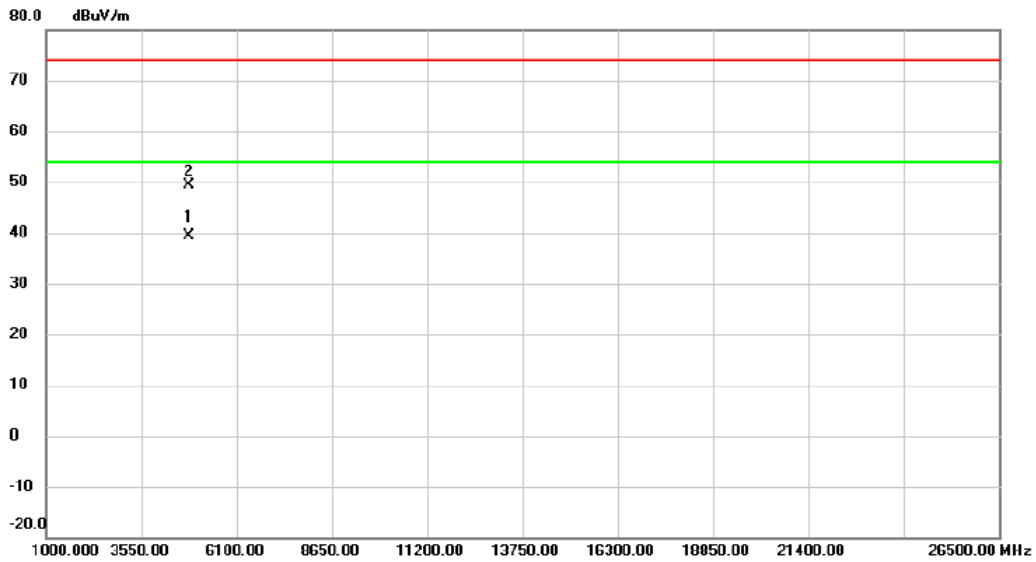


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	62.99	7.26	70.25	74.00	-3.75	peak	
2		2390.000	46.33	7.26	53.59	54.00	-0.41	AVG	
3	X	2405.850	101.86	7.26	109.12	74.00	35.12	peak	No Limit
4	*	2417.850	94.04	7.26	101.30	54.00	47.30	AVG	No Limit

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

Test Mode:	TX vht20 Mode 2412 MHz

Vertical

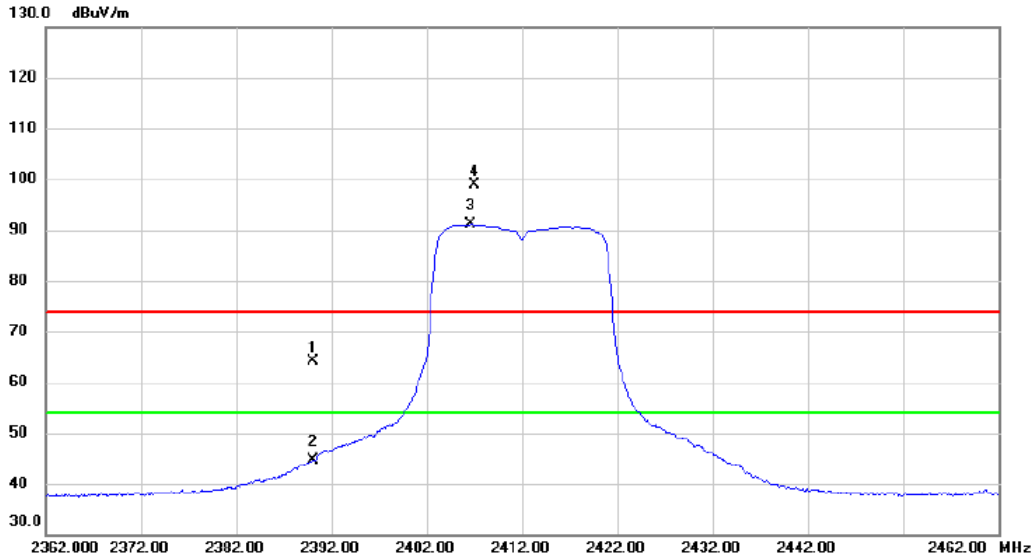


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4823.900	34.89	4.45	39.34	54.00	-14.66	AVG	
2		4826.900	44.91	4.46	49.37	74.00	-24.63	peak	

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

Test Mode:	TX vht20 Mode 2412 MHz

Horizontal

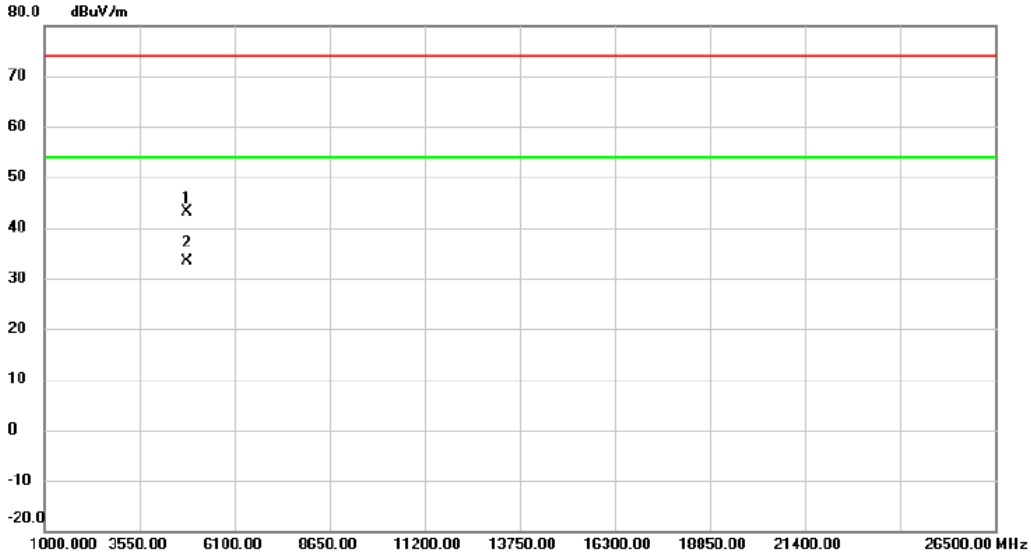


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.87	7.26	64.13	74.00	-9.87	peak	
2		2390.000	37.40	7.26	44.66	54.00	-9.34	AVG	
3	*	2406.600	83.80	7.26	91.06	54.00	37.06	AVG	No Limit
4	X	2407.000	91.61	7.26	98.87	74.00	24.87	peak	No Limit

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

Test Mode:	TX vht20 Mode 2412 MHz

Horizontal

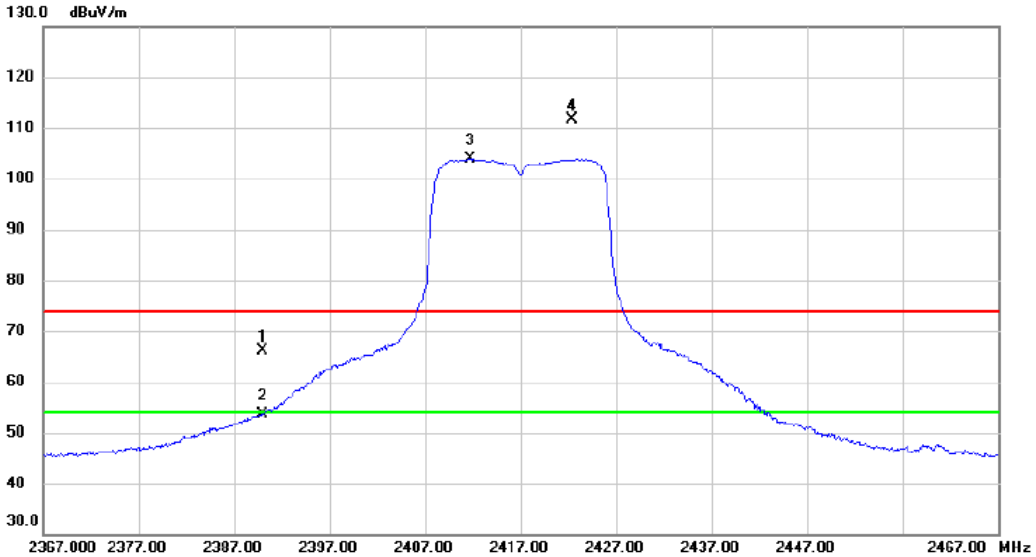


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4817.750	38.64	4.44	43.08	74.00	-30.92	peak	
2	*	4821.625	29.03	4.45	33.48	54.00	-20.52	AVG	

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

Test Mode:	TX vht20 Mode 2417 MHz

Vertical

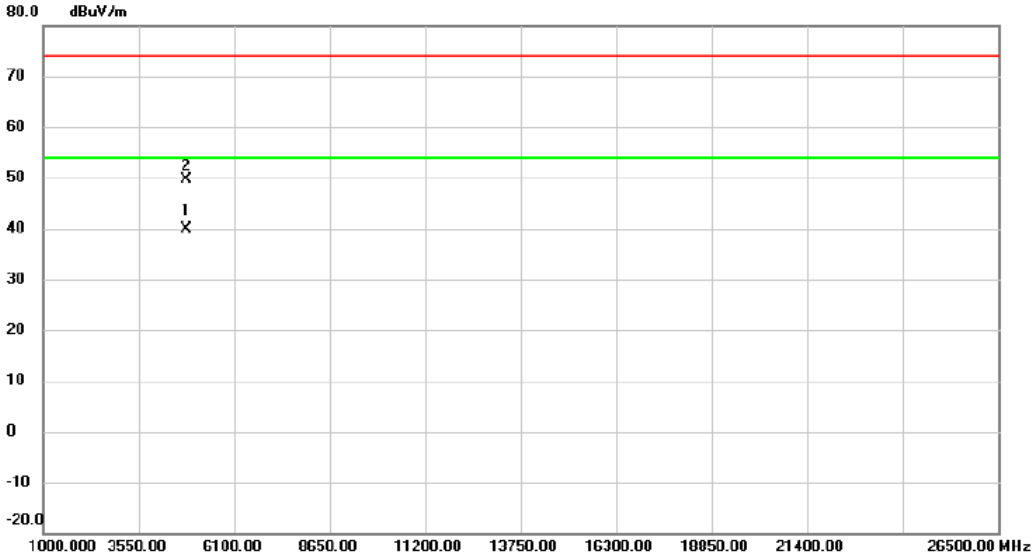


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	58.85	7.26	66.11	74.00	-7.89	peak	
2		2390.000	46.44	7.26	53.70	54.00	-0.30	AVG	
3	*	2411.750	96.62	7.26	103.88	54.00	49.88	AVG	No Limit
4	X	2422.400	104.46	7.26	111.72	74.00	37.72	peak	No Limit

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

Test Mode:	TX vht20 Mode 2417 MHz

Vertical

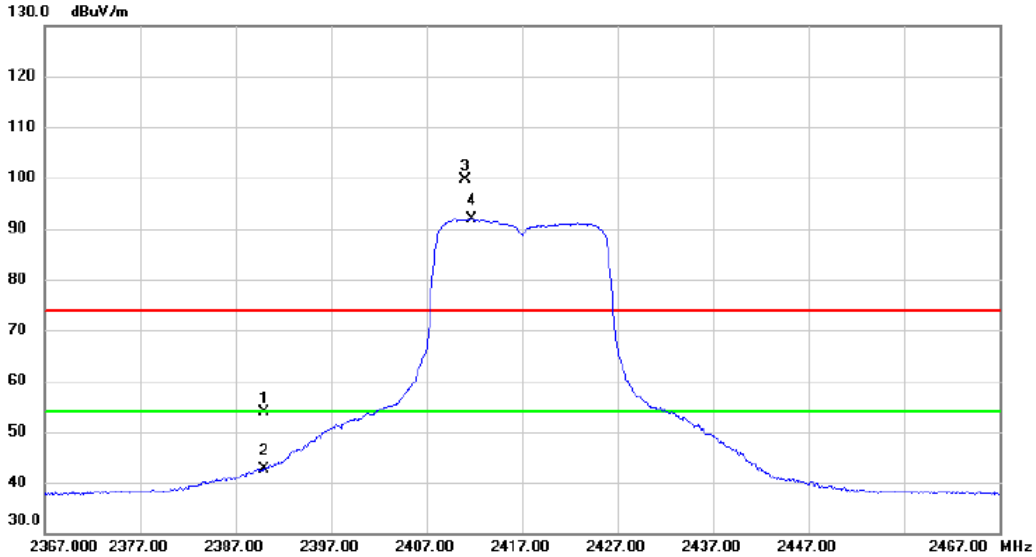


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4833.300	35.53	4.47	40.00	54.00	-14.00	AVG	
2		4836.925	45.05	4.49	49.54	74.00	-24.46	peak	

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

Test Mode:	TX vht20 Mode 2417 MHz

Horizontal

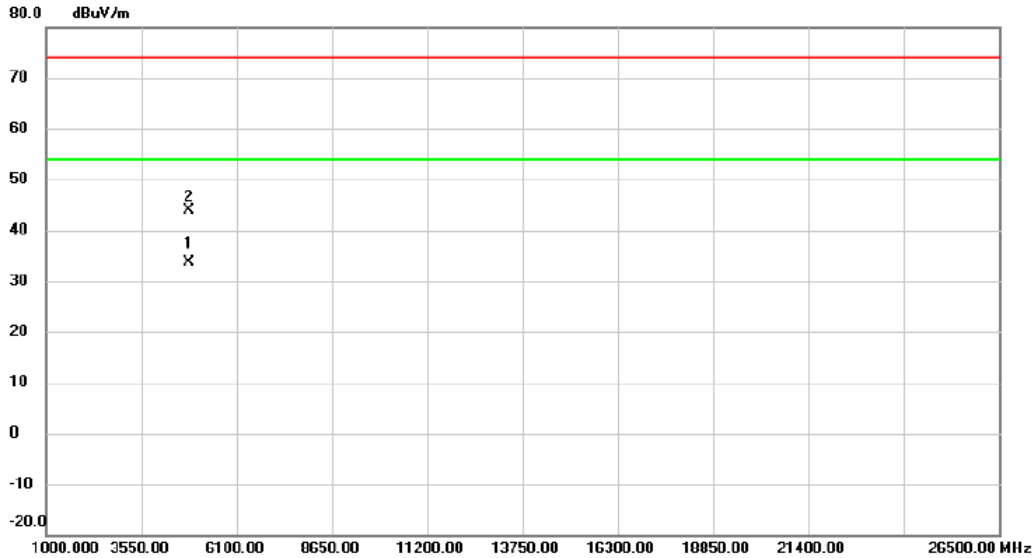


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	46.66	7.26	53.92	74.00	-20.08	peak	
2		2390.000	35.44	7.26	42.70	54.00	-11.30	AVG	
3	X	2411.000	92.31	7.25	99.56	74.00	25.56	peak	No Limit
4	*	2411.700	84.57	7.26	91.83	54.00	37.83	AVG	No Limit

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

Test Mode:	TX vht20 Mode 2417 MHz

Horizontal

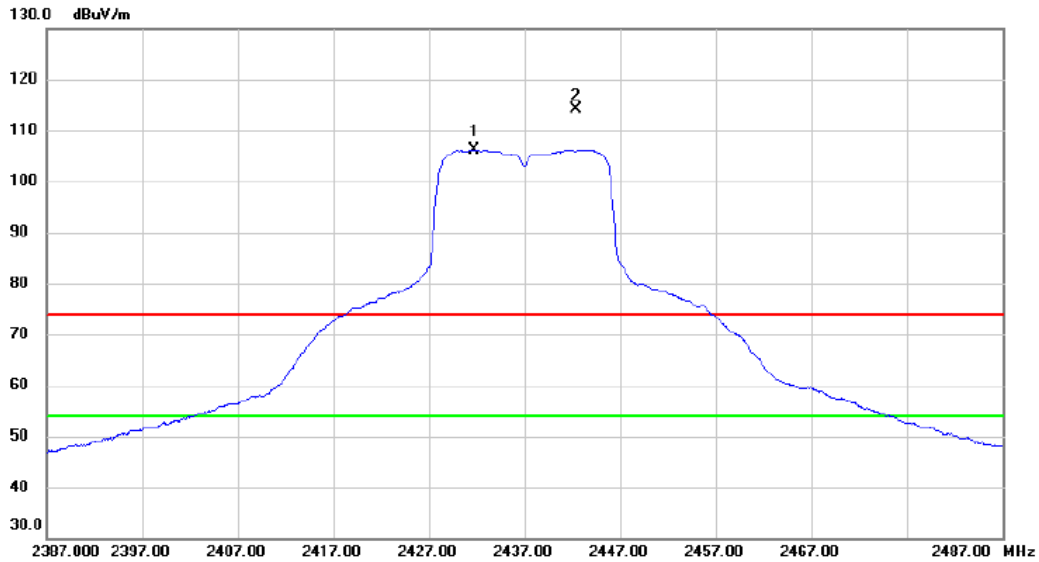


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4836.100	29.23	4.48	33.71	54.00	-20.29	AVG	
2		4838.825	39.46	4.50	43.96	74.00	-30.04	peak	

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

Test Mode:	TX vht20 Mode 2437 MHz

Vertical

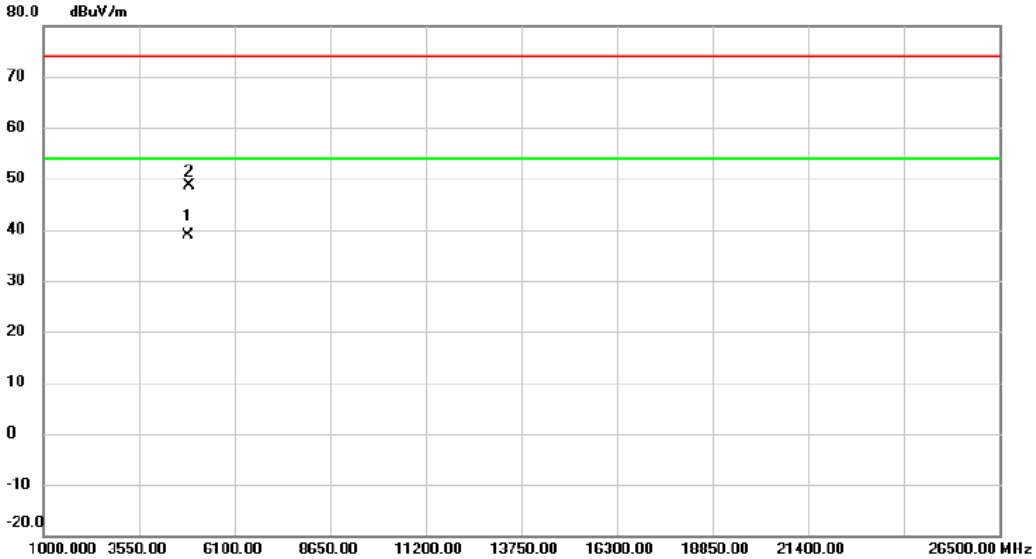


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2431.700	98.94	7.25	106.19	54.00	52.19	AVG	No Limit
2	X	2442.400	106.98	7.25	114.23	74.00	40.23	peak	No Limit

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

Test Mode:	TX vht20 Mode 2437 MHz

Vertical

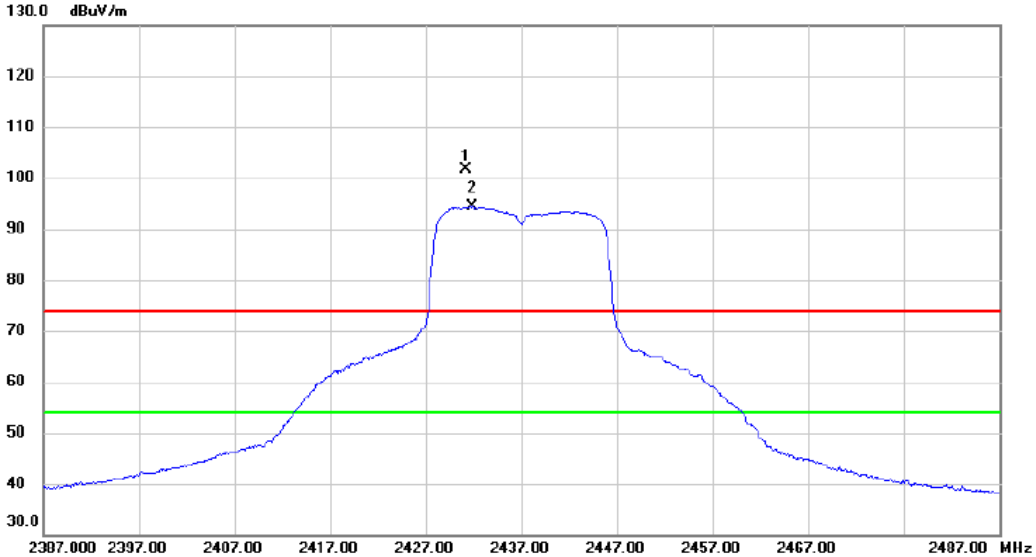


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4872.925	34.28	4.58	38.86	54.00	-15.14	AVG	
2		4876.350	43.92	4.60	48.52	74.00	-25.48	peak	

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

Test Mode:	TX vht20 Mode 2437 MHz

Horizontal

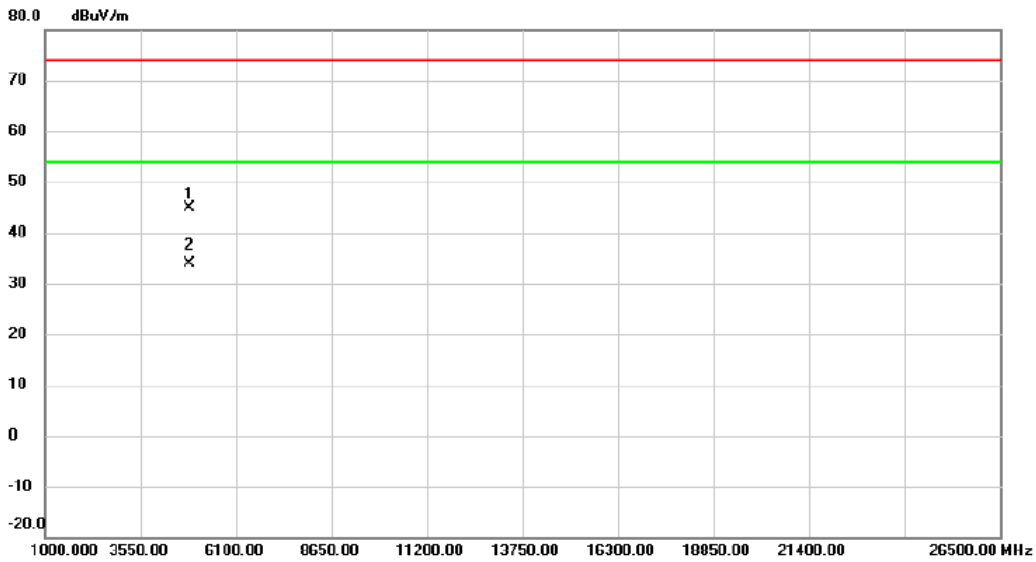


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2431.200	94.38	7.25	101.63	74.00	27.63	peak	No Limit
2	*	2431.800	87.02	7.25	94.27	54.00	40.27	AVG	No Limit

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

Test Mode:	TX vht20 Mode 2437 MHz

Horizontal

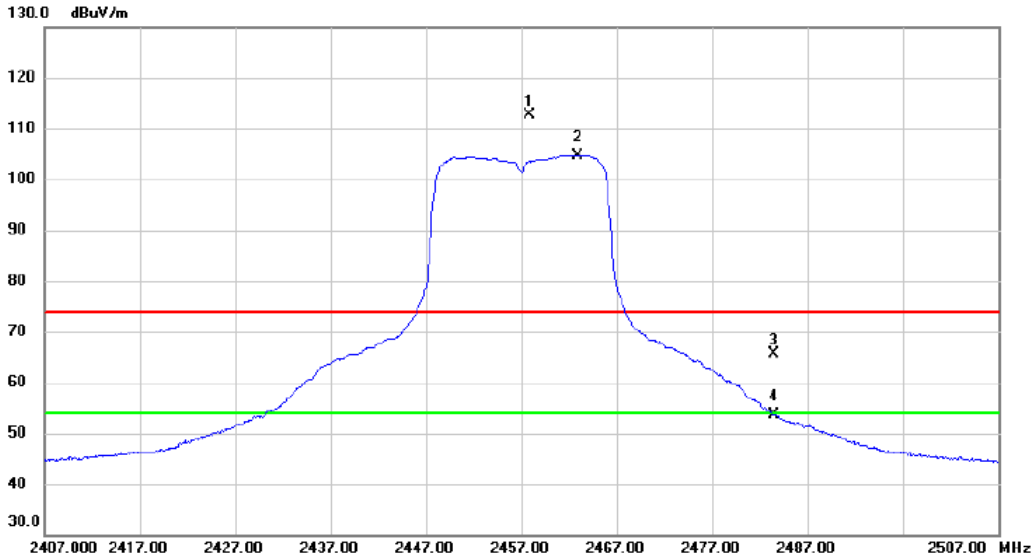


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4866.925	40.23	4.57	44.80	74.00	-29.20	peak	
2	*	4873.000	29.24	4.58	33.82	54.00	-20.18	AVG	

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

Test Mode:	TX vht20 Mode 2457 MHz

Vertical

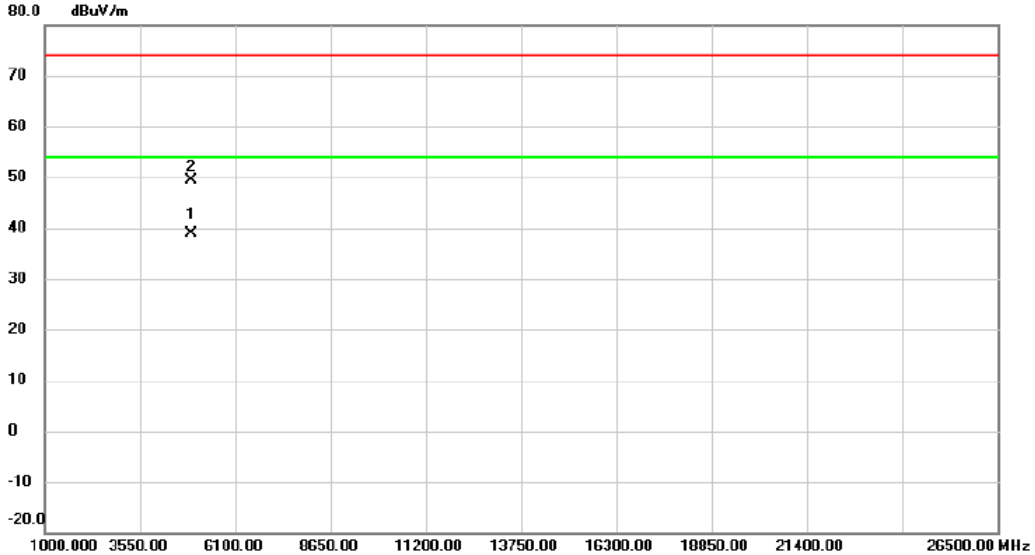


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2457.900	105.48	7.26	112.74	74.00	38.74	peak	No Limit
2	*	2462.900	97.47	7.25	104.72	54.00	50.72	AVG	No Limit
3		2483.500	58.37	7.25	65.62	74.00	-8.38	peak	
4		2483.500	46.49	7.25	53.74	54.00	-0.26	AVG	

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

Test Mode:	TX vht20 Mode 2457 MHz

Vertical

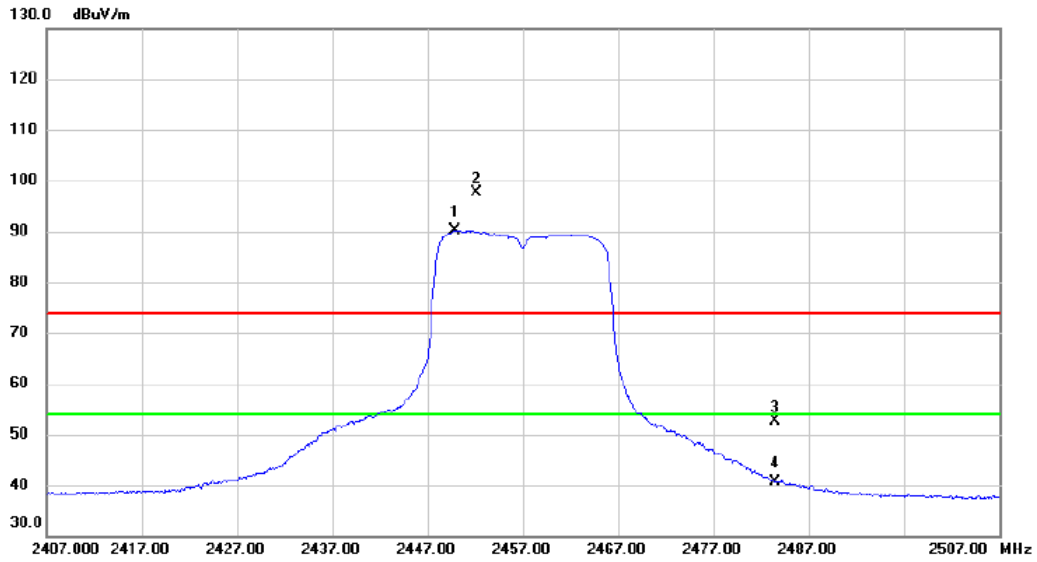


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4913.475	34.18	4.69	38.87	54.00	-15.13	AVG	
2		4914.450	44.76	4.69	49.45	74.00	-24.55	peak	

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

Test Mode:	TX vht20 Mode 2457 MHz

Horizontal

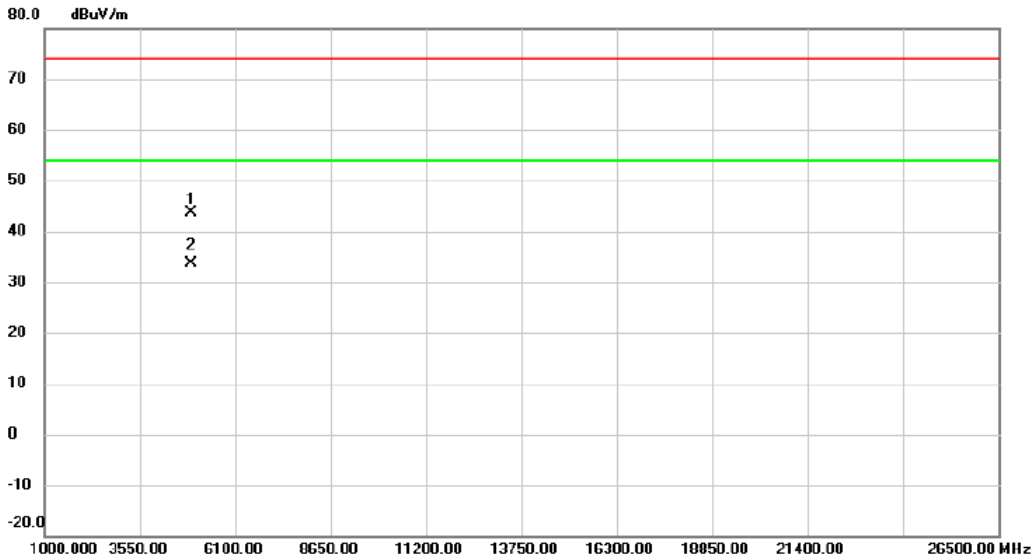


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2449.900	82.91	7.25	90.16	54.00	36.16	AVG	No Limit
2	X	2452.100	90.46	7.25	97.71	74.00	23.71	peak	No Limit
3		2483.500	45.46	7.25	52.71	74.00	-21.29	peak	
4		2483.500	33.42	7.25	40.67	54.00	-13.33	AVG	

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

Test Mode:	TX vht20 Mode 2457 MHz

Horizontal

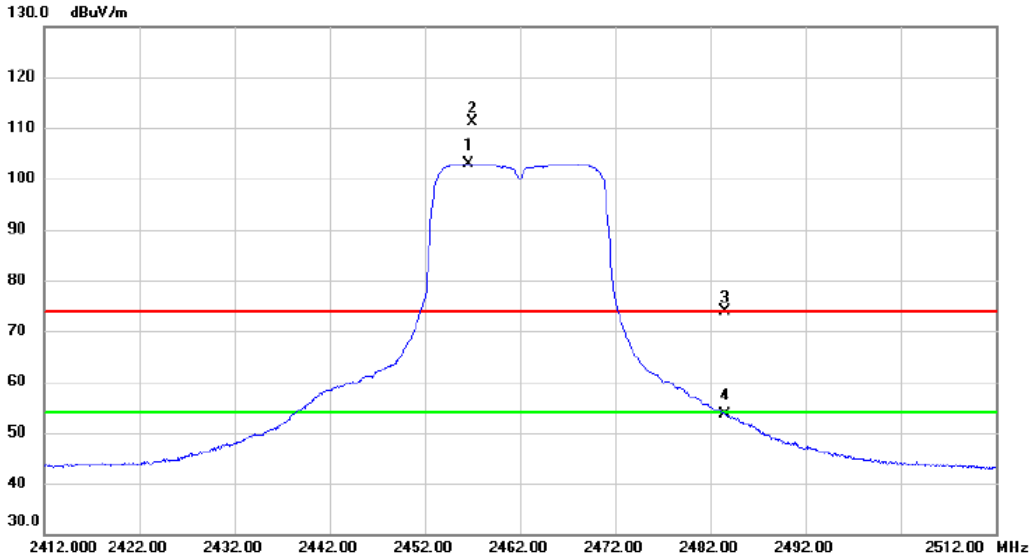


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4926.050	38.81	4.72	43.53	74.00	-30.47	peak	
2	*	4927.875	28.95	4.72	33.67	54.00	-20.33	AVG	

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

Test Mode:	TX vht20 Mode 2462 MHz

Vertical

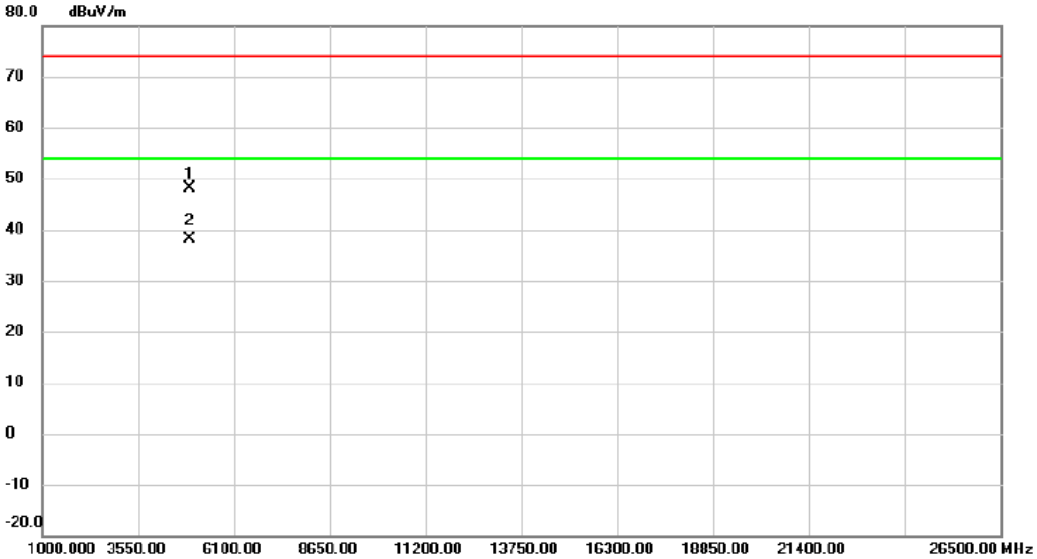


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2456.650	95.73	7.26	102.99	54.00	48.99	AVG	No Limit
2	X	2457.050	103.86	7.26	111.12	74.00	37.12	peak	No Limit
3		2483.500	66.54	7.25	73.79	74.00	-0.21	peak	
4		2483.500	46.36	7.25	53.61	54.00	-0.39	AVG	

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

Test Mode:	TX vht20 Mode 2462 MHz

Vertical

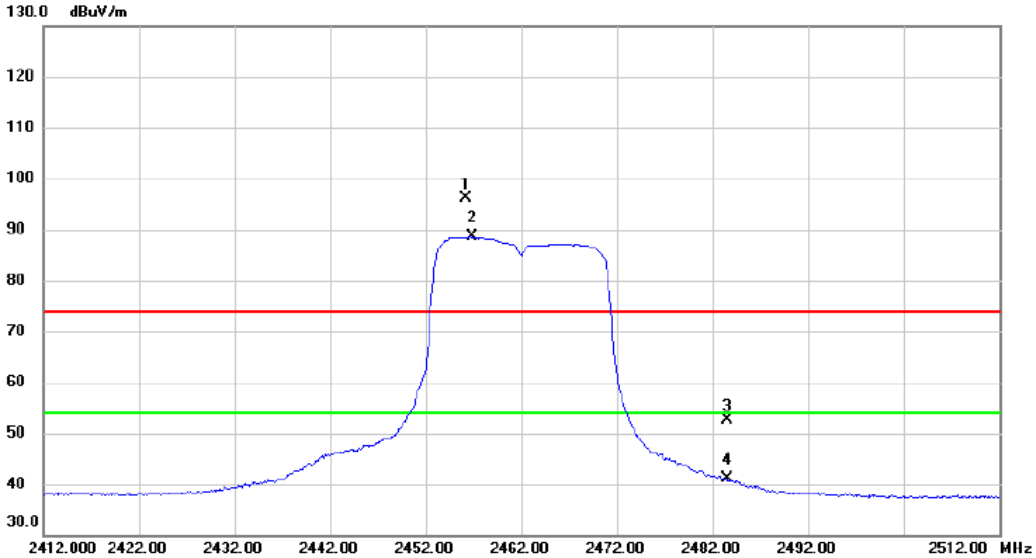


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4922.725	43.45	4.71	48.16	74.00	-25.84	peak	
2	*	4923.725	33.33	4.71	38.04	54.00	-15.96	AVG	

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

Test Mode:	TX vht20 Mode 2462 MHz

Horizontal

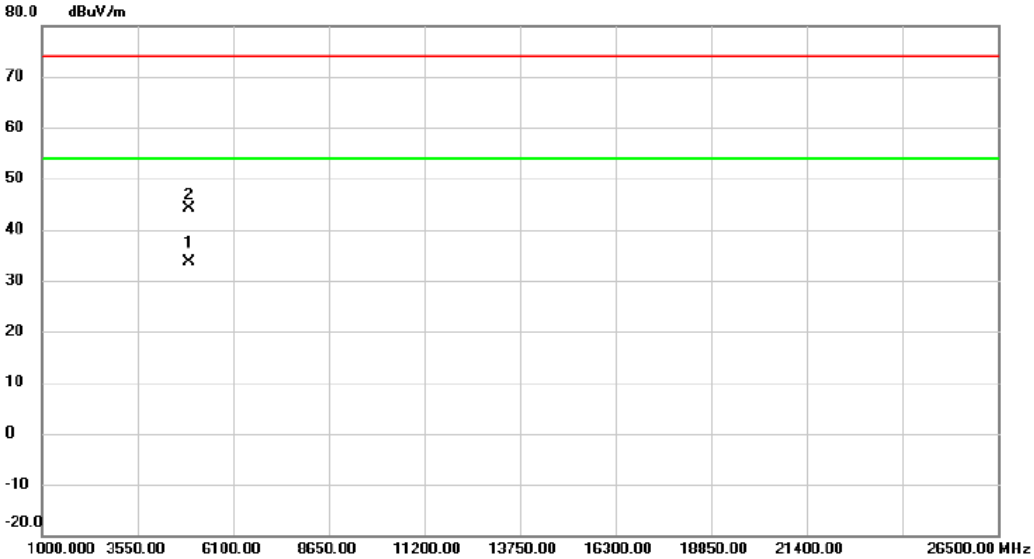


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2456.200	88.80	7.26	96.06	74.00	22.06	peak	No Limit
2	*	2456.800	81.26	7.26	88.52	54.00	34.52	AVG	No Limit
3		2483.500	45.44	7.25	52.69	74.00	-21.31	peak	
4		2483.500	33.83	7.25	41.08	54.00	-12.92	AVG	

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

Test Mode:	TX vht20 Mode 2462 MHz

Horizontal

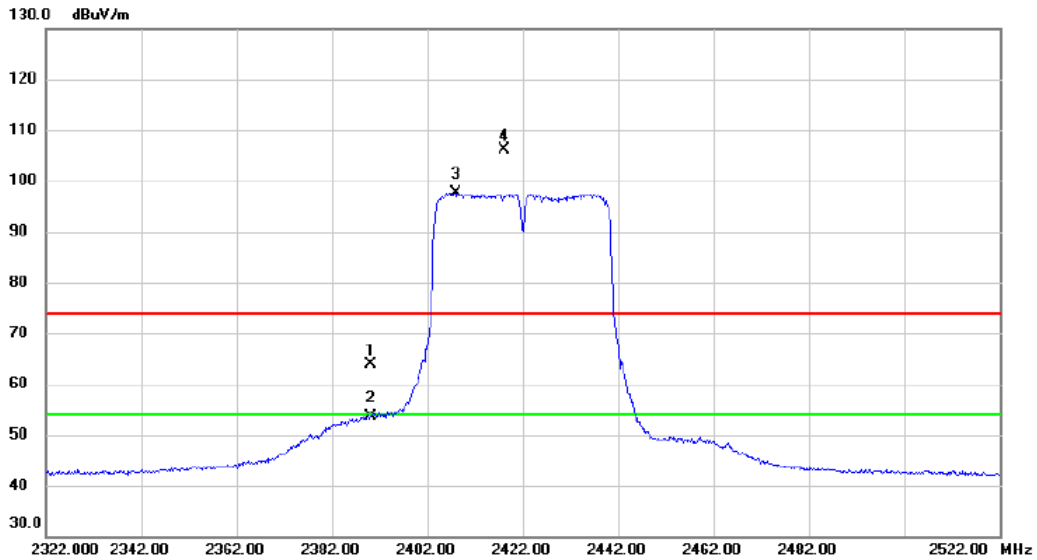


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4923.975	29.02	4.71	33.73	54.00	-20.27	AVG	
2		4929.900	39.31	4.73	44.04	74.00	-29.96	peak	

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

Test Mode:	TX vht40 Mode 2422MHz

Vertical

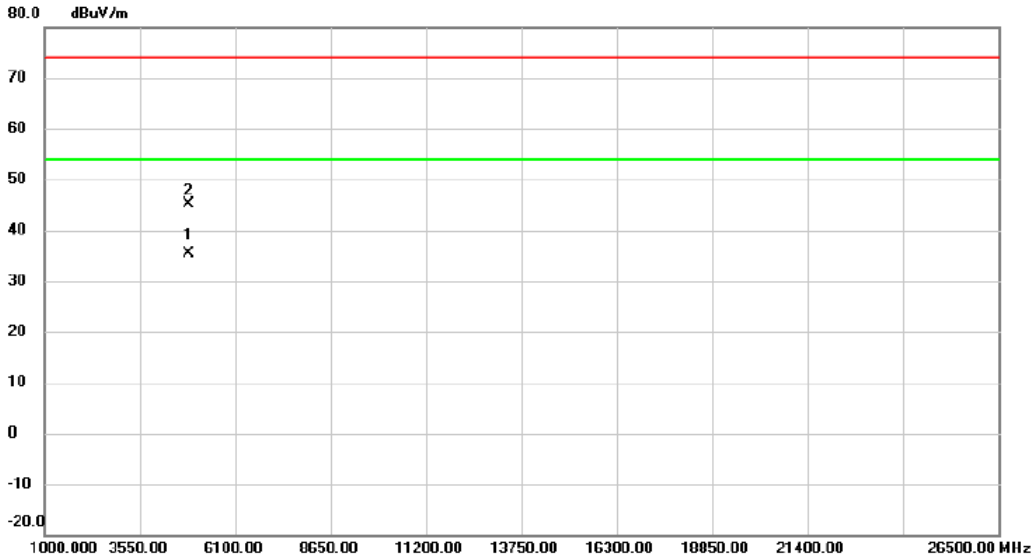


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	56.69	7.26	63.95	74.00	-10.05	peak	
2		2390.000	46.32	7.26	53.58	54.00	-0.42	AVG	
3	*	2407.900	90.46	7.25	97.71	54.00	43.71	AVG	No Limit
4	X	2418.200	98.97	7.26	106.23	74.00	32.23	peak	No Limit

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

Test Mode:	TX vht40 Mode 2422MHz

Vertical

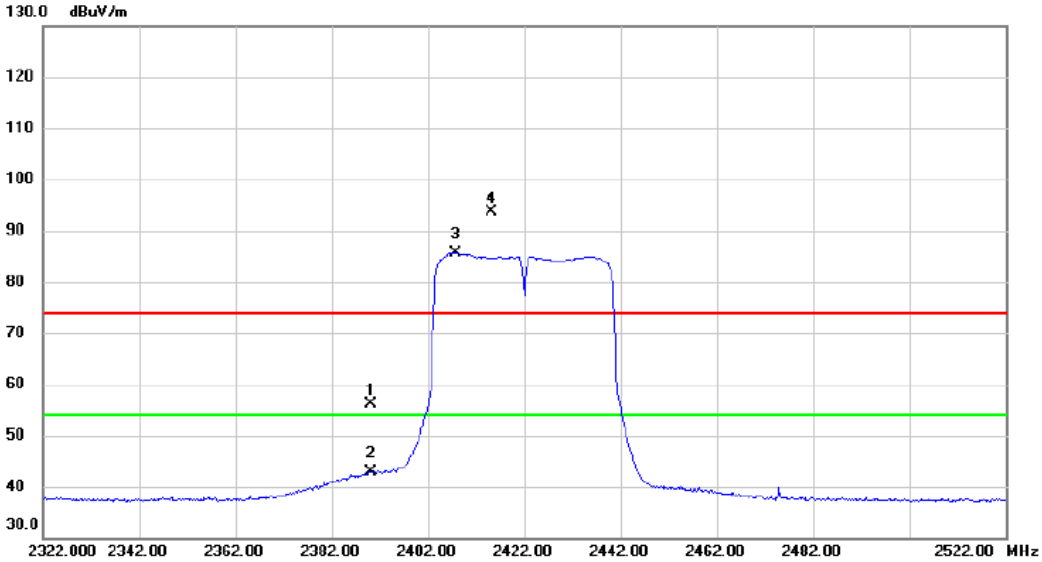


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4844.075	30.89	4.51	35.40	54.00	-18.60	AVG	
2		4845.800	40.64	4.51	45.15	74.00	-28.85	peak	

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

Test Mode:	TX vht40 Mode 2422MHz

Horizontal

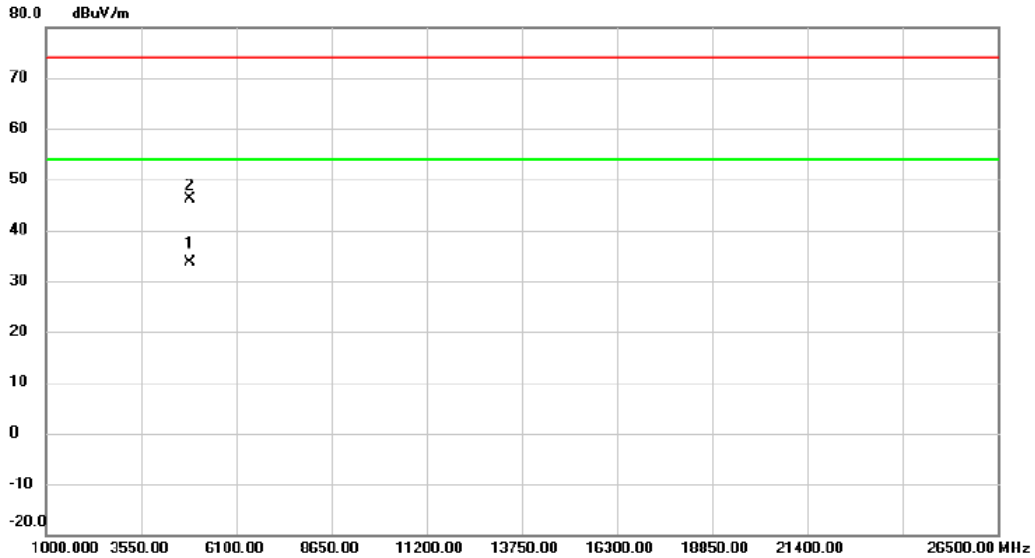


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	48.89	7.26	56.15	74.00	-17.85	peak	
2		2390.000	35.65	7.26	42.91	54.00	-11.09	AVG	
3	*	2407.800	78.39	7.26	85.65	54.00	31.65	AVG	No Limit
4	X	2415.200	86.33	7.26	93.59	74.00	19.59	peak	No Limit

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

Test Mode:	TX vht40 Mode 2422MHz

Horizontal

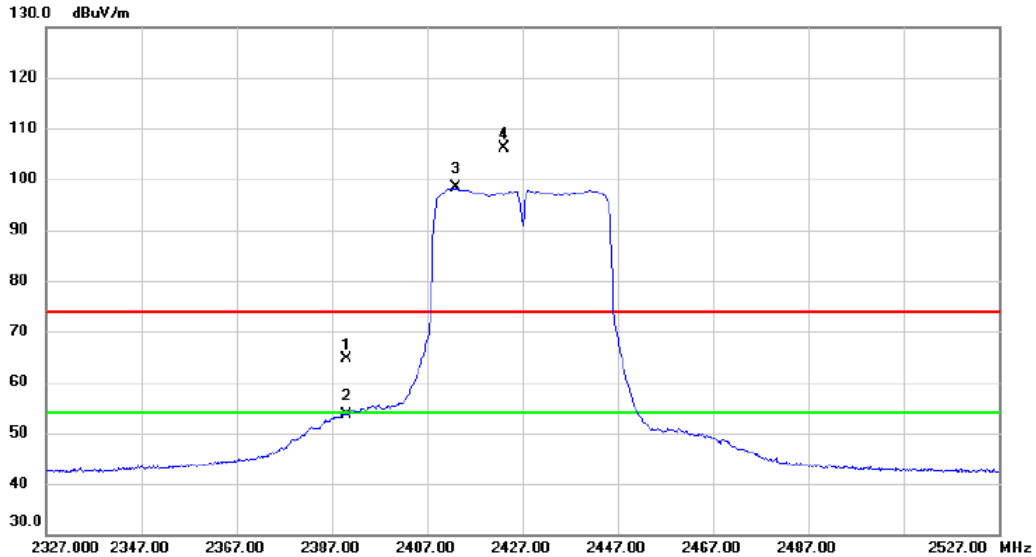


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4853.300	29.21	4.53	33.74	54.00	-20.26	AVG	
2		4854.550	41.71	4.53	46.24	74.00	-27.76	peak	

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

Test Mode:	TX vht40 Mode 2427MHz

Vertical

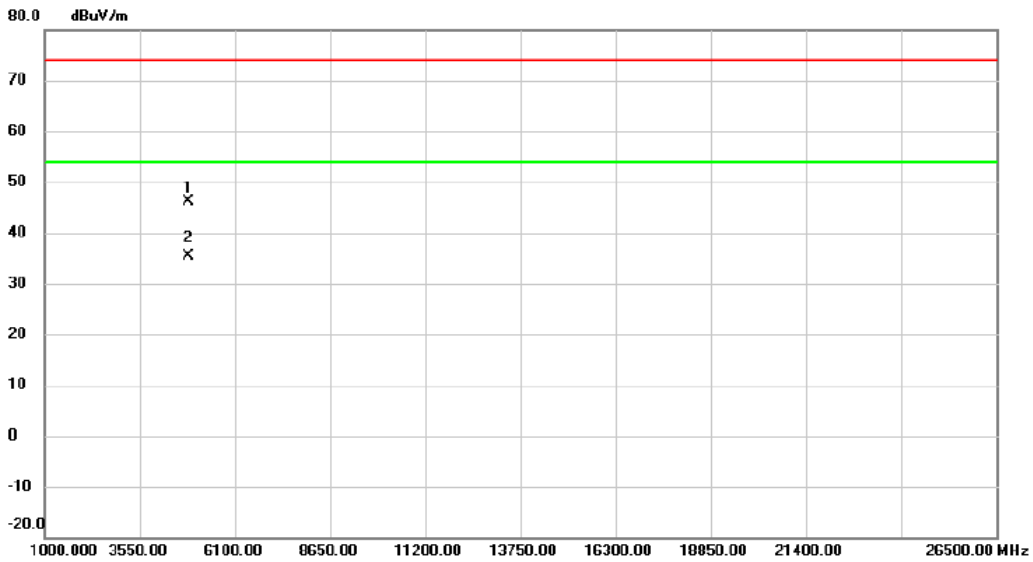


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	57.38	7.26	64.64	74.00	-9.36	peak	
2		2390.000	46.40	7.26	53.66	54.00	-0.34	AVG	
3	*	2412.900	91.00	7.26	98.26	54.00	44.26	AVG	No Limit
4	X	2423.000	98.99	7.26	106.25	74.00	32.25	peak	No Limit

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

Test Mode:	TX vht40 Mode 2427MHz

Vertical

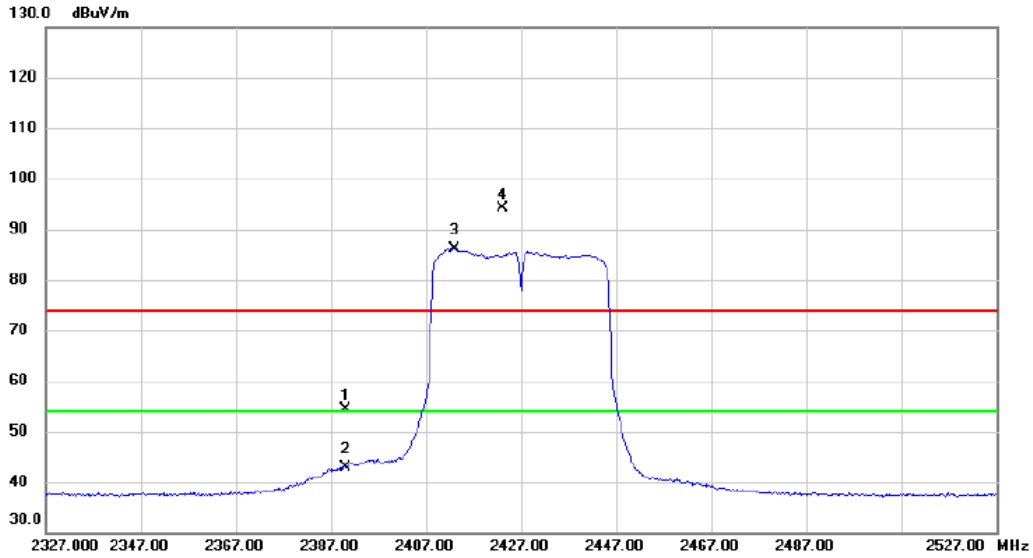


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4851.925	41.50	4.52	46.02	74.00	-27.98	peak	
2	*	4855.725	30.96	4.53	35.49	54.00	-18.51	AVG	

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

Test Mode:	TX vht40 Mode 2427MHz

Horizontal

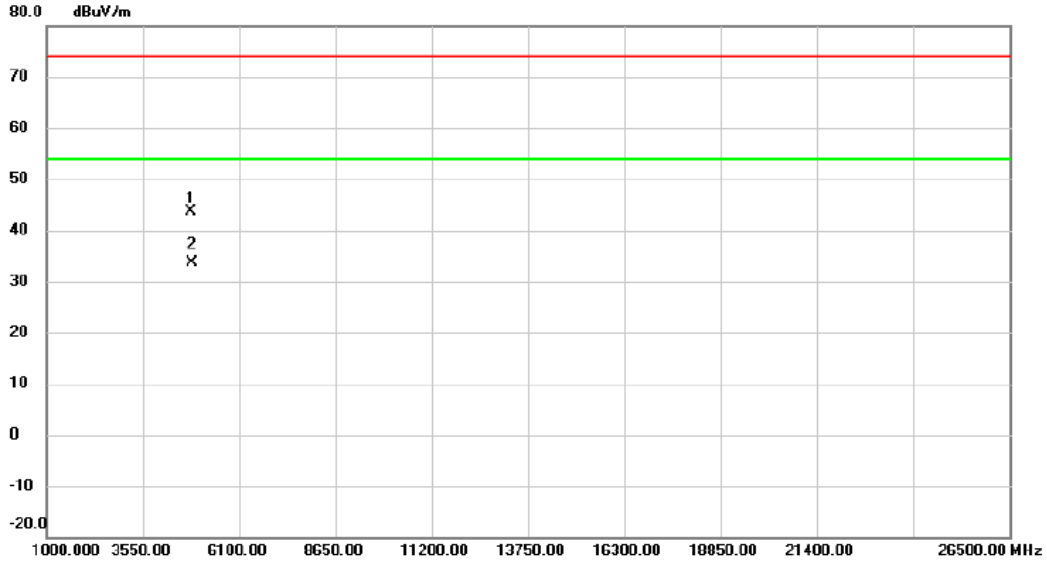


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	47.20	7.26	54.46	74.00	-19.54	peak	
2		2390.000	35.69	7.26	42.95	54.00	-11.05	AVG	
3	*	2413.000	78.80	7.26	86.06	54.00	32.06	AVG	No Limit
4	X	2423.000	86.99	7.26	94.25	74.00	20.25	peak	No Limit

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

Test Mode:	TX vht40 Mode 2427MHz

Horizontal

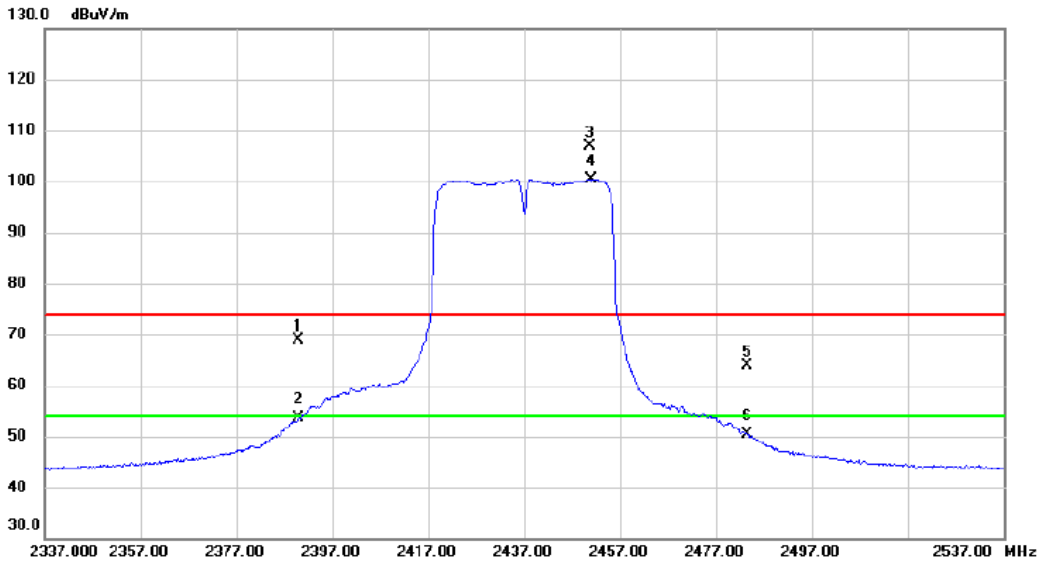


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4833.375	39.09	4.47	43.56	74.00	-30.44	peak	
2	*	4854.225	29.04	4.53	33.57	54.00	-20.43	AVG	

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

Test Mode:	TX vht40 Mode 2437 MHz

Vertical

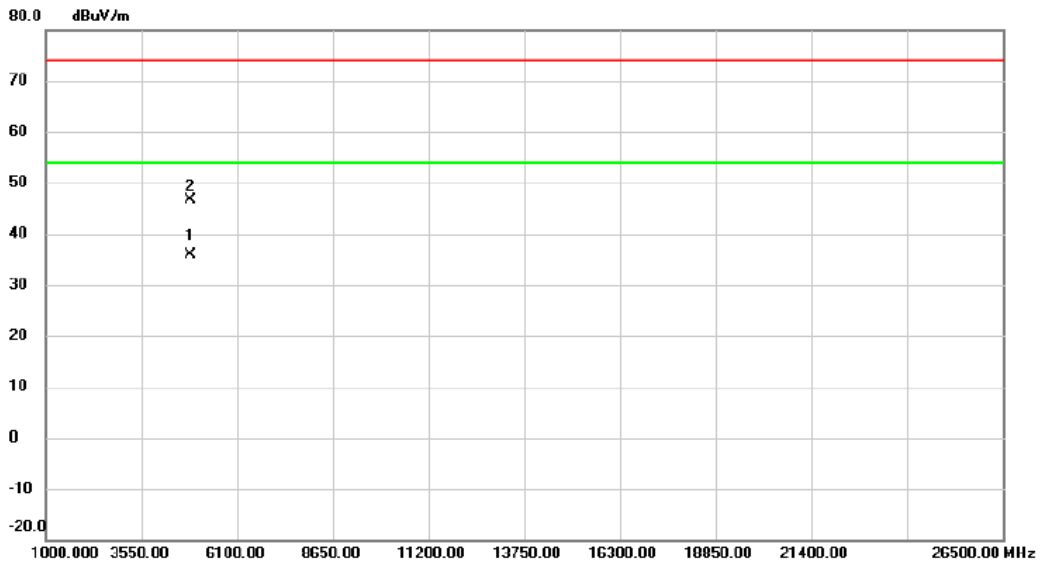


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2390.000	61.57	7.26	68.83	74.00	-5.17	peak	
2		2390.000	46.36	7.26	53.62	54.00	-0.38	AVG	
3	X	2450.700	99.52	7.25	106.77	74.00	32.77	peak	No Limit
4	*	2450.900	93.23	7.25	100.48	54.00	46.48	AVG	No Limit
5		2483.500	56.71	7.25	63.96	74.00	-10.04	peak	
6		2483.500	43.21	7.25	50.46	54.00	-3.54	AVG	

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

Test Mode:	TX vht40 Mode 2437 MHz

Vertical

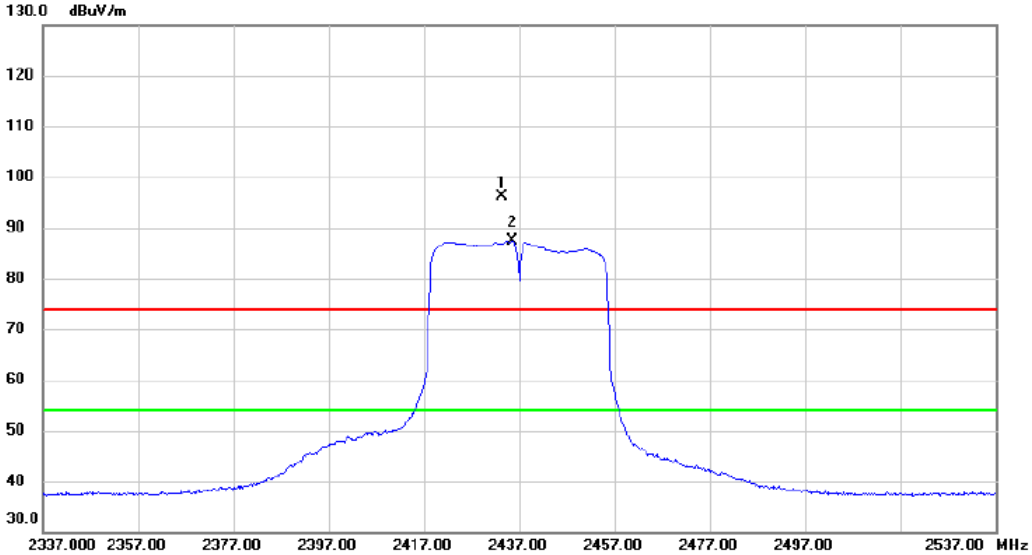


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4872.475	31.28	4.58	35.86	54.00	-18.14	AVG	
2		4872.975	42.05	4.58	46.63	74.00	-27.37	peak	

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

Test Mode:	TX vht40 Mode 2437 MHz

Horizontal

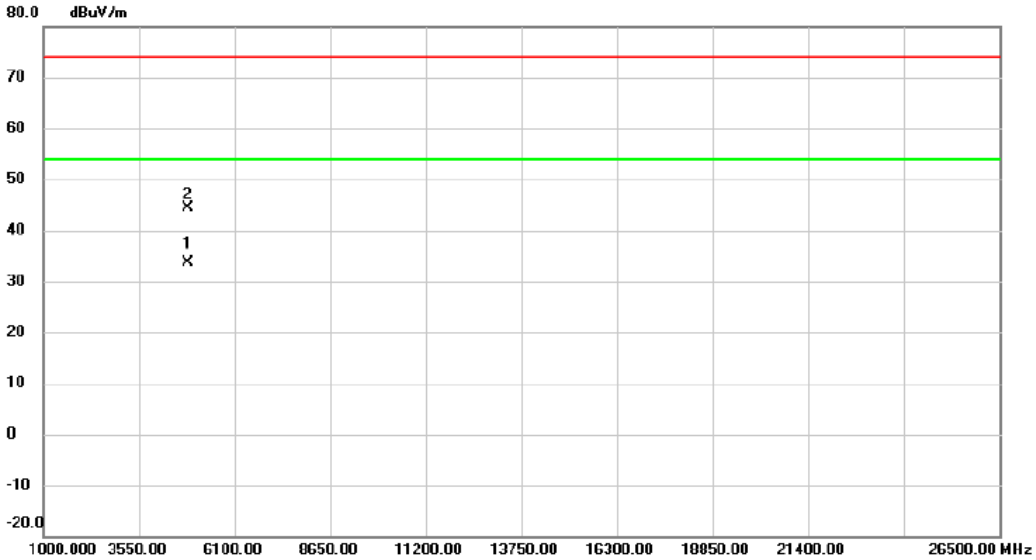


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2433.400	88.81	7.26	96.07	74.00	22.07	peak	No Limit
2	*	2435.600	80.10	7.25	87.35	54.00	33.35	AVG	No Limit

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

Test Mode:	TX vht40 Mode 2437 MHz

Horizontal

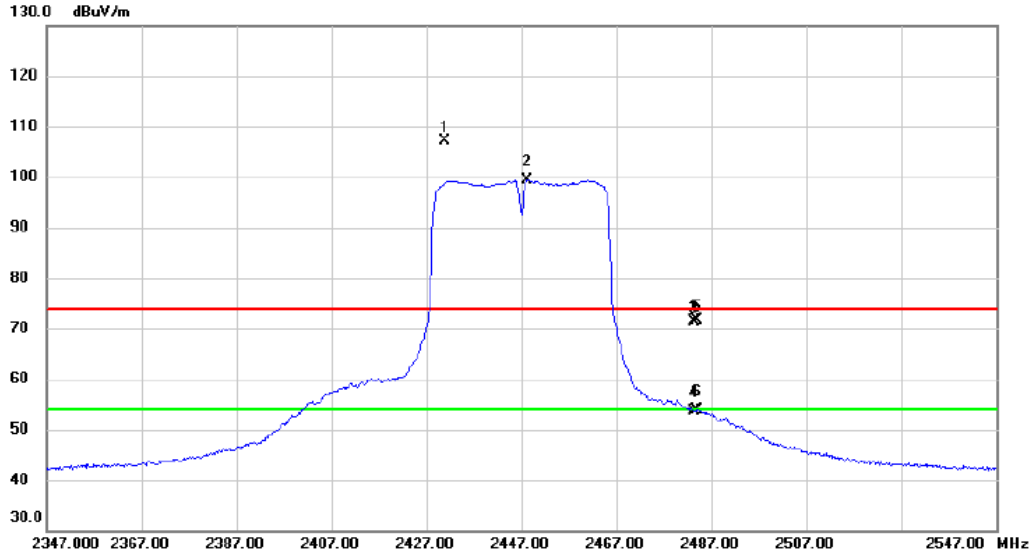


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4853.250	29.05	4.53	33.58	54.00	-20.42	AVG	
2		4863.825	39.86	4.56	44.42	74.00	-29.58	peak	

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

Test Mode:	TX vht40 Mode 2447 MHz

Vertical

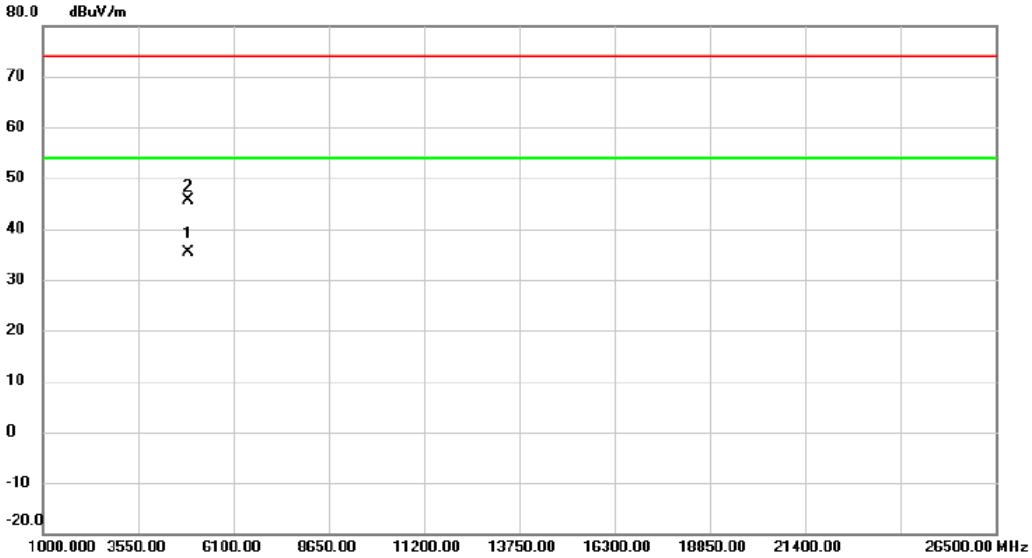


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2430.800	99.85	7.25	107.10	74.00	33.10	peak	No Limit
2	*	2448.300	92.07	7.25	99.32	54.00	45.32	AVG	No Limit
3		2483.500	64.12	7.25	71.37	74.00	-2.63	peak	
4		2483.500	46.34	7.25	53.59	54.00	-0.41	AVG	
5		2484.000	64.34	7.25	71.59	74.00	-2.41	peak	
6		2484.000	46.68	7.25	53.93	54.00	-0.07	AVG	

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

Test Mode:	TX vht40 Mode 2447 MHz

Vertical

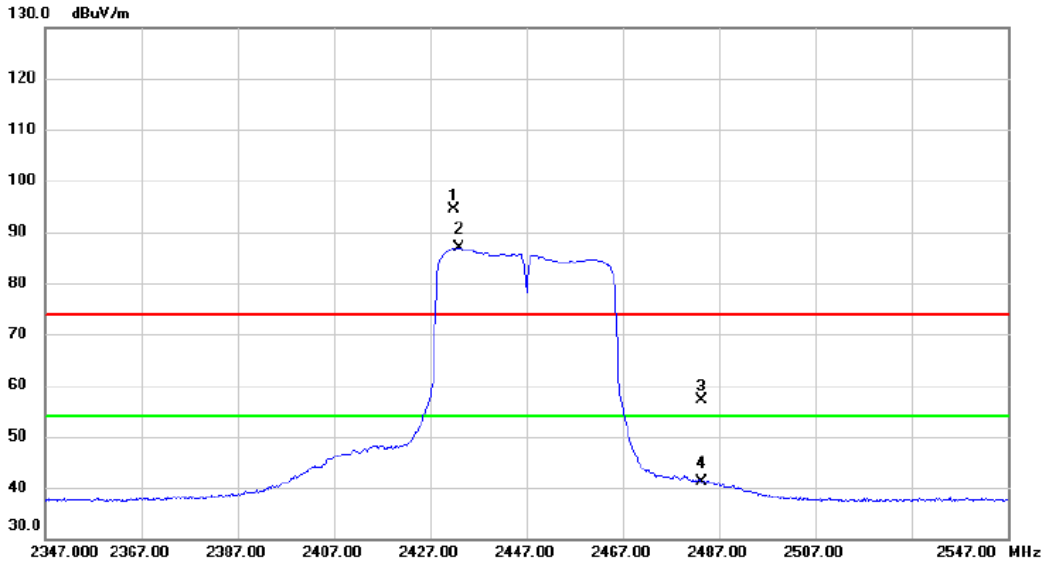


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4890.350	30.78	4.63	35.41	54.00	-18.59	AVG	
2		4898.225	41.05	4.66	45.71	74.00	-28.29	peak	

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

Test Mode:	TX vht40 Mode 2447 MHz

Horizontal

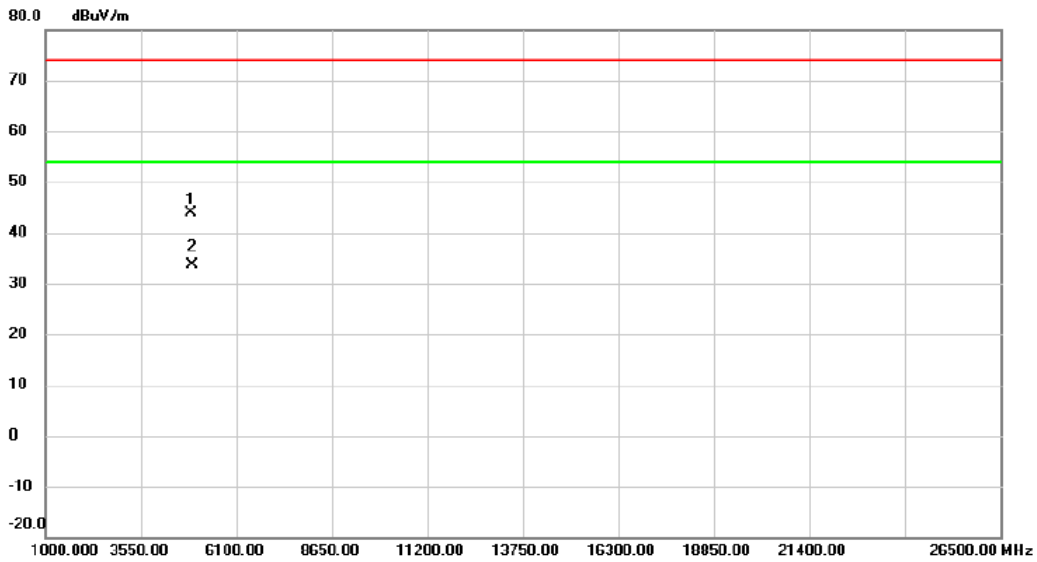


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	X	2432.000	87.13	7.25	94.38	74.00	20.38	peak	No Limit
2	*	2433.000	79.63	7.25	86.88	54.00	32.88	AVG	No Limit
3		2483.500	49.96	7.25	57.21	74.00	-16.79	peak	
4		2483.500	33.98	7.25	41.23	54.00	-12.77	AVG	

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

Test Mode:	TX vht40 Mode 2447 MHz

Horizontal

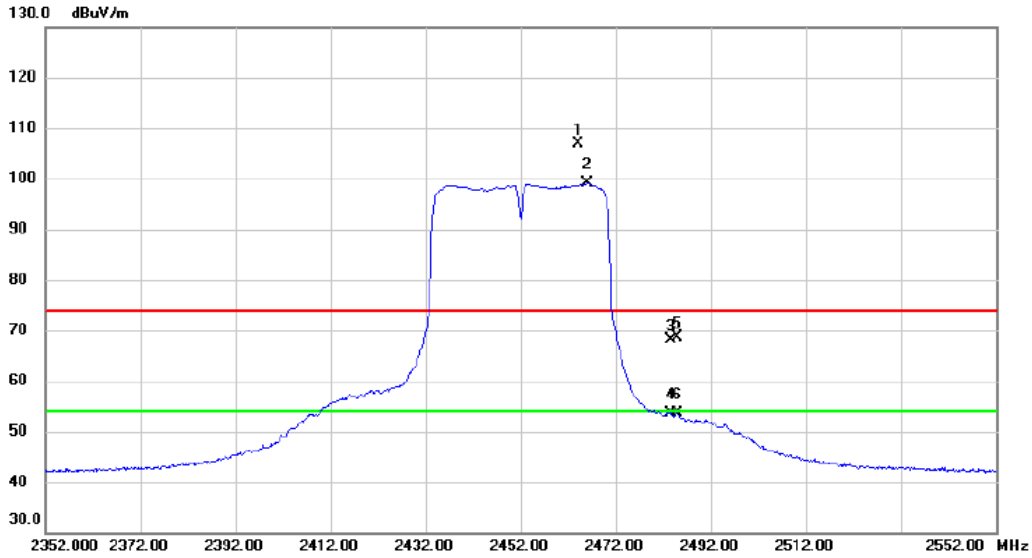


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4896.325	39.14	4.65	43.79	74.00	-30.21	peak	
2	*	4916.950	28.88	4.70	33.58	54.00	-20.42	AVG	

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

Test Mode:	TX vht40 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	2464.000	99.67	7.25	106.92	74.00	32.92	peak	No Limit
2	*	2466.000	91.78	7.25	99.03	54.00	45.03	AVG	No Limit
3		2483.500	60.98	7.25	68.23	74.00	-5.77	peak	
4		2483.500	46.37	7.25	53.62	54.00	-0.38	AVG	
5		2485.000	61.30	7.25	68.55	74.00	-5.45	peak	
6		2485.000	46.50	7.25	53.75	54.00	-0.25	AVG	

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

Test Mode:	TX vht40 Mode 2452 MHz

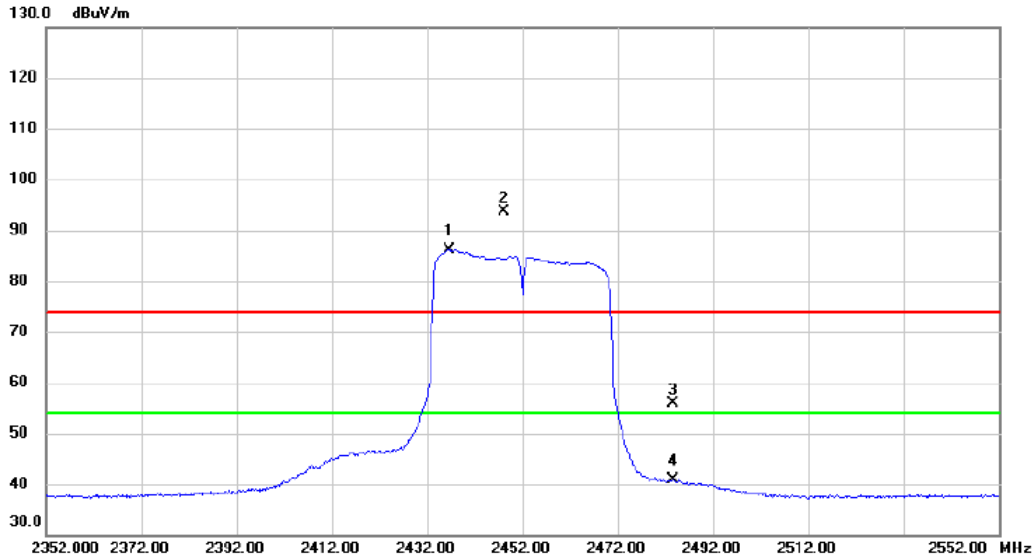
Vertical

No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4903.900	30.78	4.66	35.44	54.00	-18.56	AVG	
2		4904.775	40.47	4.66	45.13	74.00	-28.87	peak	

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

Test Mode:	TX vht40 Mode 2452 MHz

Horizontal

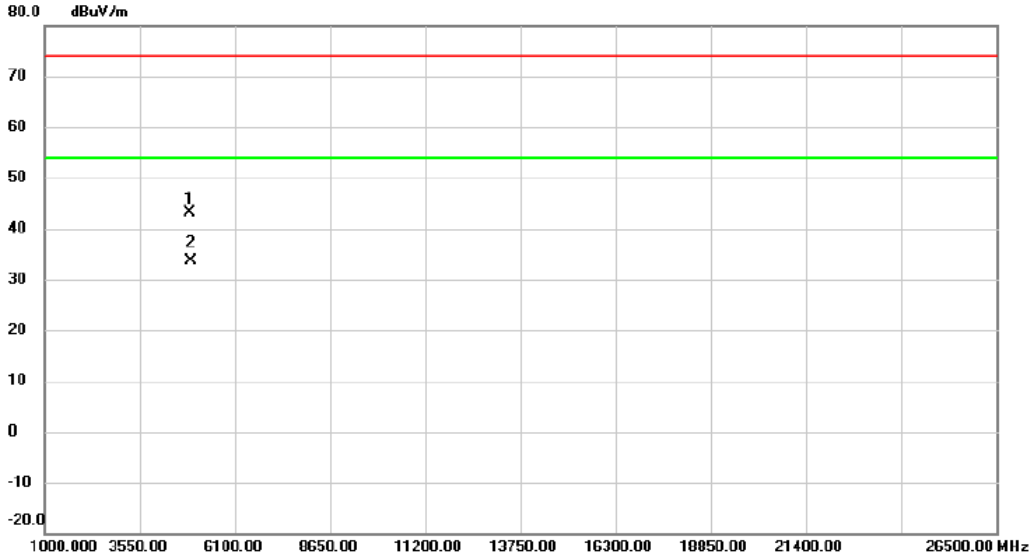


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	2436.600	78.85	7.25	86.10	54.00	32.10	AVG	No Limit
2	X	2448.000	86.41	7.25	93.66	74.00	19.66	peak	No Limit
3		2483.500	48.71	7.25	55.96	74.00	-18.04	peak	
4		2483.500	33.51	7.25	40.76	54.00	-13.24	AVG	

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

Test Mode:	TX vht40 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		4895.650	38.52	4.65	43.17	74.00	-30.83	peak	
2	*	4913.300	29.03	4.68	33.71	54.00	-20.29	AVG	

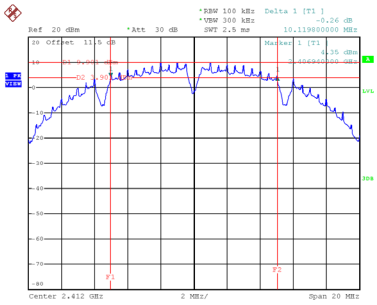
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode

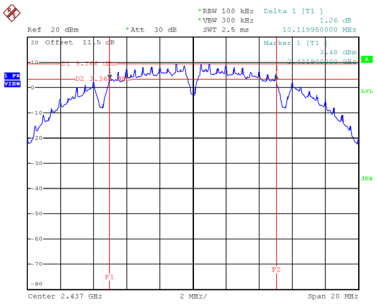
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	6 dB Bandwidth Min. Limit (kHz)	Result
01	2412	10.12	500	Complies
06	2437	10.12	500	Complies
11	2462	10.10	500	Complies

CH01



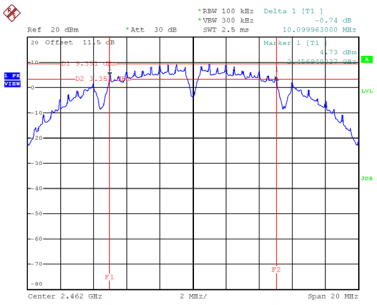
Date: 5.JAN.2021 10:00:16

CH06



Date: 5.JAN.2021 10:01:45

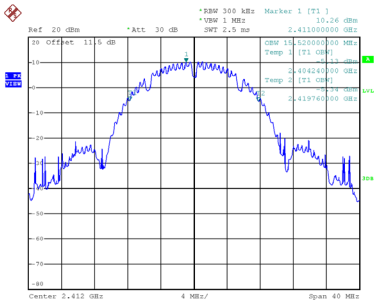
CH11



Date: 5.JAN.2021 10:03:19

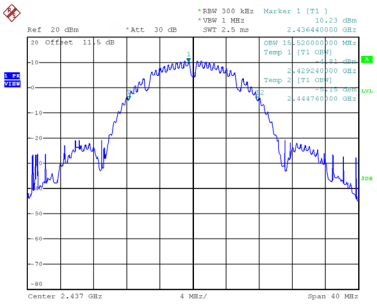
Channel	Frequency (MHz)	99 % Emission Bandwidth (MHz)	Result
01	2412	15.52	Complies
06	2437	15.52	Complies
11	2462	15.52	Complies

CH01



Date: 5.JAN.2021 10:00:23

CH06



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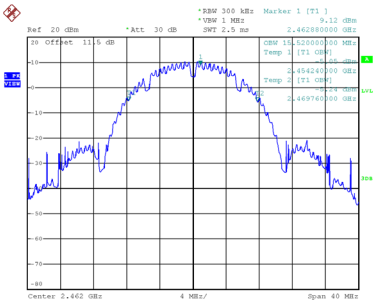
CH11



Date: 5.JAN.2021 10:03:27