



FCC Radio Test Report

FCC ID: 2BH7FBE4800

This report concerns: Original Grant

Project No. : 2502G003
Equipment : BE4800 Dual-Band Wi-Fi 7 Router
Brand Name : tp-link
Test Model : Archer BE4800
Series Model : N/A
Applicant : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Manufacturer : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Date of Receipt : Feb. 07, 2025
Date of Test : Feb. 07, 2025 ~ Mar. 25, 2025
Issued Date : May 13, 2025
Report Version : R01
Test Sample : Engineering Sample No.: DG2025020741 for Power, AC Power Line Conducted Emissions and Radiated Emissions, DG2025020740 for others.
Standard(s) : FCC CFR Title 47, Part 15, Subpart C

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

Prepared by

: Chella Zheng
Chella Zheng

Approved by

: Chay Cai
Chay Cai

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

Tel: +86-769-8318-3000

Web: www.newbtl.com

Service mail: btl_qa@newbtl.com

Declaration

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

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

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

This report is the confidential property of the client. As a mutual protection to the clients, the public and ourselves, the test report shall not be reproduced, except in full, without our written approval.

BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

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

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

Limitation

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

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

Table of Contents	Page
REPORT ISSUED HISTORY	6
1 . APPLICABLE STANDARDS	7
2 . SUMMARY OF TEST RESULTS	7
2.1 TEST FACILITY	8
2.2 MEASUREMENT UNCERTAINTY	8
2.3 TEST ENVIRONMENT CONDITIONS	9
3 . GENERAL INFORMATION	10
3.1 GENERAL DESCRIPTION OF EUT	10
3.2 DESCRIPTION OF TEST MODES	12
3.3 PARAMETERS OF TEST SOFTWARE	14
3.4 DUTY CYCLE	15
3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	17
3.6 SUPPORT UNITS	17
3.7 CUSTOMER INFORMATION DESCRIPTION	17
4 . AC POWER LINE CONDUCTED EMISSIONS	18
4.1 LIMIT	18
4.2 TEST PROCEDURE	18
4.3 DEVIATION FROM TEST STANDARD	18
4.4 TEST SETUP	19
4.5 EUT OPERATION CONDITIONS	19
4.6 TEST RESULTS	19
5 . RADIATED EMISSIONS	20
5.1 LIMIT	20
5.2 TEST PROCEDURE	21
5.3 DEVIATION FROM TEST STANDARD	22
5.4 TEST SETUP	22
5.5 EUT OPERATION CONDITIONS	24
5.6 TEST RESULTS - 9 KHZ TO 30 MHZ	24
5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ	24
5.8 TEST RESULTS - ABOVE 1000 MHZ	24
6 . BANDWIDTH	25
6.1 LIMIT	25
6.2 TEST PROCEDURE	25

Table of Contents	Page
6.3 DEVIATION FROM STANDARD	25
6.4 TEST SETUP	25
6.5 EUT OPERATION CONDITIONS	25
6.6 TEST RESULTS	25
7 . MAXIMUM OUTPUT POWER	26
7.1 LIMIT	26
7.2 TEST PROCEDURE	26
7.3 DEVIATION FROM STANDARD	26
7.4 TEST SETUP	26
7.5 EUT OPERATION CONDITIONS	26
7.6 TEST RESULTS	26
8 . CONDUCTED SPURIOUS EMISSIONS	27
8.1 LIMIT	27
8.2 TEST PROCEDURE	27
8.3 DEVIATION FROM STANDARD	27
8.4 TEST SETUP	27
8.5 EUT OPERATION CONDITIONS	27
8.6 TEST RESULTS	27
9 . POWER SPECTRAL DENSITY	28
9.1 LIMIT	28
9.2 TEST PROCEDURE	28
9.3 DEVIATION FROM STANDARD	28
9.4 TEST SETUP	28
9.5 EUT OPERATION CONDITIONS	28
9.6 TEST RESULTS	28
10 . MEASUREMENT INSTRUMENTS LIST	29
11 . EUT TEST PHOTO	31
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS	37
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ	40
APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ	45
APPENDIX D - RADIATED EMISSION- ABOVE 1000 MHZ	48
APPENDIX E - BANDWIDTH	111
APPENDIX F - MAXIMUM OUTPUT POWER	118

Table of Contents**Page****APPENDIX G - CONDUCTED SPURIOUS EMISSIONS****125****APPENDIX H - POWER SPECTRAL DENSITY****138**

REPORT ISSUED HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2502G003	R00	Original Report.	Apr. 18, 2025	Invalid
BTL-FCCP-1-2502G003	R01	Revised report to address comments.	May 13, 2025	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

ANSI C63.10-2013

The following reference test guidance is not within the scope of accreditation of A2LA:

KDB 558074 D01 15.247 Meas Guidance v05r02

KDB 662911 D01 Multiple Transmitter Output v02r01

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart C				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.247(d) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.247(a)(2)	Bandwidth	APPENDIX E	PASS	-----
15.247(b)(3)	Maximum Output Power	APPENDIX F	PASS	-----
15.247(d)	Conducted Spurious Emissions	APPENDIX G	PASS	-----
15.247(e)	Power Spectral Density	APPENDIX H	PASS	-----
15.203	Antenna Requirement	-----	PASS	Note(2)

Note:

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

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

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of

For Radiated emissions above 30MHz:

Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

For others:

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

2.2 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 95.45% 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	2.88

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB01	CISPR	9kHz ~ 30MHz	2.36

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DG-CB17 (3m)	CISPR	30MHz ~ 200MHz	V	4.22
		30MHz ~ 200MHz	H	3.46
		200MHz ~ 1,000MHz	V	5.02
		200MHz ~ 1,000MHz	H	4.22

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB17 (3m)	CISPR	1GHz ~ 6GHz	4.56
		6GHz ~ 18GHz	4.12

Test Site	Method	Measurement Frequency Range	U,(dB)
DG-CB17 (1m)	CISPR	18 ~ 26.5 GHz	3.56

C. Other Measurement:

Test Item	Uncertainty
Bandwidth	0.90 %
Maximum Output Power	1.3 dB
Conducted Spurious Emission	1.9 dB
Power Spectral Density	1.4 dB
Temperature	0.8 °C
Humidity	2.2 %

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

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By	Test Date
AC Power Line Conducted Emissions	23°C	50%	AC 120V/60Hz	Hayden Chen	Feb. 20, 2025
Radiated Emissions-9kHz to 30 MHz	22°C	46%	AC 120V/60Hz	Hayden Chen	Feb. 19, 2025
Radiated Emissions-30MHz to 1000MHz	25°C	46%	AC 120V/60Hz	Calvin Wen	Mar. 01, 2025
Radiated Emissions-Above 1000MHz	23-25°C	41-46%	AC 120V/60Hz	Calvin Wen Jensen Zhou	Feb. 15, 2025- Mar. 02, 2025
Bandwidth	25°C	53%	AC 120V/60Hz	Jensen Zhou	Mar. 03, 2025
Maximum Output Power	23°C	56-58%	AC 120V/60Hz	Andrew Jiang	Feb. 19, 2025- Mar. 19, 2025
Conducted Spurious Emissions	25°C	53%	AC 120V/60Hz	Jensen Zhou	Mar. 03, 2025
Power Spectral Density	25°C	53%	AC 120V/60Hz	Jensen Zhou	Mar. 03, 2025

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	BE4800 Dual-Band Wi-Fi 7 Router
Brand Name	tp-link
Test Model	Archer BE4800
Series Model	N/A
Model Difference(s)	N/A
Software Version	V1
Hardware Version	V1
Power Source	DC Voltage supplied from AC adapter. Model: T120200-2B1
Power Rating	I/P: 100-240V~ 50/60Hz 0.8A O/P: 12V  2.0A
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Type	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE vht: OFDM IEEE 802.11ax: OFDMA IEEE 802.11be: OFDMA
Bit Rate of Transmitter	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE vht: up to 400 Mbps IEEE 802.11ax: up to 573.6 Mbps IEEE 802.11be: up to 688 Mbps
Maximum Output Power	IEEE 802.11n(HT20): 28.20 dBm (0.6607 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, IEEE 802.11ax(HE20), IEEE 802.11be(EHT20)							
CH03 - CH09 for IEEE 802.11n(HT40), IEEE vht40, IEEE 802.11ax(HE40), IEEE 802.11be(EHT40)							
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	Model Name	Antenna Type	Connector	Gain (dBi)
1	tp-link	N/A	Dipole	weld	6.43
2	tp-link	N/A	Dipole	weld	5.26

Note:

- (1) This EUT supports CDD, and all antenna gains are not equal, Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=6.43.
So, the output power limit is $30 - (6.43 - 6) = 29.57$.
For power spectral density measurements, Directional gain(each angle) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dBi = $10 \log[(10^{6.43/20} + 10^{1.03/20})^2 / 2] = 7.15$ dBi,
the power spectral density limit is $8 - (7.15 - 6) = 6.85$.
(2) Beamforming gain is 3dB.

4. Table for Antenna Configuration:

Operating Mode	TX Mode	2TX
IEEE 802.11b		V(Ant. 1 + Ant. 2)
IEEE 802.11g		V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT20)		V(Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)		V(Ant. 1 + Ant. 2)
IEEE vht20		V(Ant. 1 + Ant. 2)
IEEE vht40		V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)		V(Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)		V(Ant. 1 + Ant. 2)
IEEE 802.11be(EHT20)		V(Ant. 1 + Ant. 2)
IEEE 802.11be(EHT40)		V(Ant. 1 + Ant. 2)

3.2 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(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX BE(EHT20) Mode Channel 01/06/11
Mode 6	TX BE(EHT40) Mode Channel 01/06/11
Mode 7	TX N(HT20) Mode Channel 06
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 11	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 12	TX BE(EHT20) Mode Channel 01/02/06/10/11
Mode 13	TX BE(EHT40) Mode Channel 03/04/06/08/09

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

AC power line conducted emissions test	
Final Test Mode	Description
Mode 7	TX N(HT20) Mode Channel 06

Radiated emissions test - Below 1GHz	
Final Test Mode	Description
Mode 7	TX N(HT20) Mode Channel 06

Radiated emissions test- Above 1GHz	
Final Test Mode	Description
Mode 8	TX B Mode Channel 01/02/06/10/11
Mode 9	TX G Mode Channel 01/02/06/10/11
Mode 10	TX N(HT20) Mode Channel 01/02/06/10/11
Mode 11	TX N(HT40) Mode Channel 03/04/06/08/09
Mode 12	TX BE(EHT20) Mode Channel 01/02/06/10/11
Mode 13	TX BE(EHT40) 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(HT20) Mode Channel 01/06/11
Mode 4	TX N(HT40) Mode Channel 03/06/09
Mode 5	TX BE(EHT20) Mode Channel 01/06/11
Mode 6	TX BE(EHT40) Mode Channel 01/06/11

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 TX N(HT20) Mode 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.
- (4) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical and recorded.
- (5) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- (6) The RF Output Power of the Beamforming mode will be lower than that of the Non Beamforming mode. Only Non Beamforming mode will be evaluated and recorded in the report.
- (7) IEEE 802.11ax mode and IEEE 802.11be mode only support full RU, so only the full RU is evaluated and measured inside report.
- (8) EHT20/EHT40 covers HE20/HE40, HT20/HT40 covers vht20/vht40, due to same modulation (in full RU). The power setting for 802.11ax HE20/HE40 are the same or lower than 802.11be EHT20/EHT40, vht20/vht40 are the same or lower than 802.11n HT20/HT40.

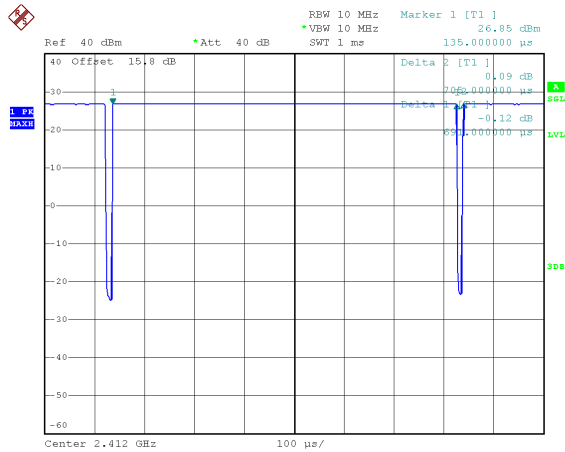
3.3 PARAMETERS OF TEST SOFTWARE

Test Software Version	QPST		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	24	25.5	24
IEEE 802.11g	22.5	25.5	23.5
IEEE 802.11n(HT20)	22	25.5	23.5
IEEE 802.11be(EHT20)	19	26	22
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	18	22	19.5
IEEE 802.11be(EHT40)	19.5	22	19.5

3.4 DUTY CYCLE

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

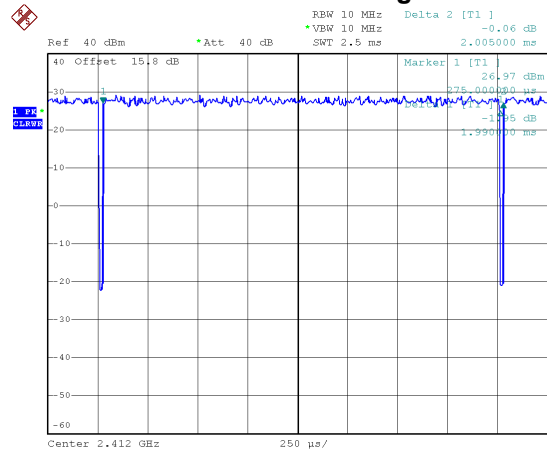
IEEE 802.11b



Date: 25.FEB.2025 20:03:53

Duty cycle = 0.691 ms / 0.705 ms = 98.01%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

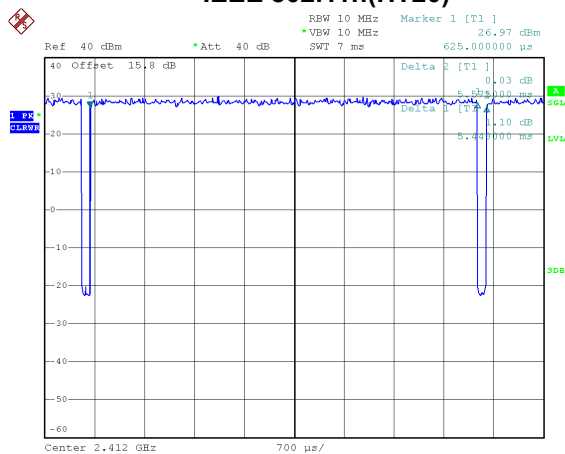
IEEE 802.11g



Date: 27.FEB.2025 16:09:37

Duty cycle = 1.990 ms / 2.010 ms = 99.00%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.00$

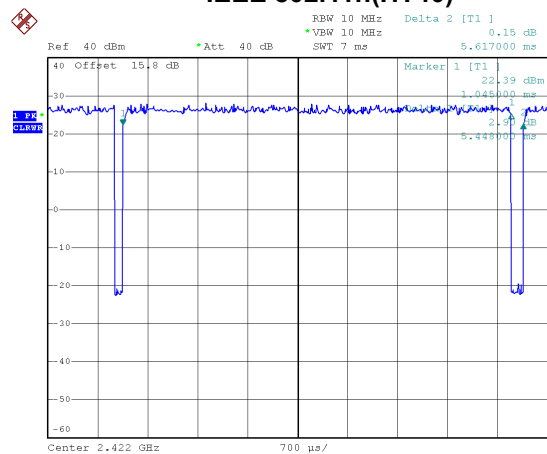
IEEE 802.11n(HT20)



Date: 27.FEB.2025 16:10:46

Duty cycle = 5.443 ms / 5.575 ms = 97.63%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.10$

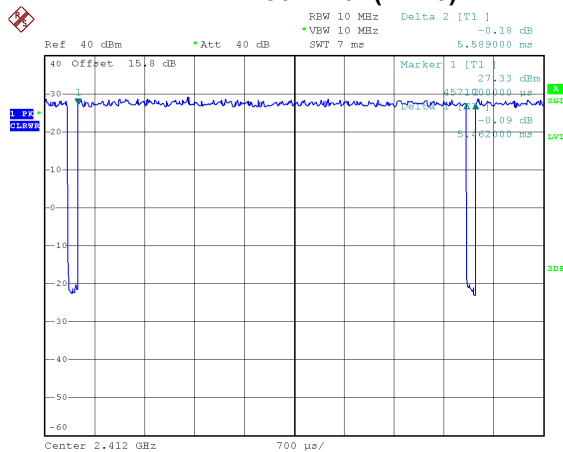
IEEE 802.11n(HT40)



Date: 27.FEB.2025 16:13:18

Duty cycle = 5.448 ms / 5.617 ms = 96.99%
 Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.13$

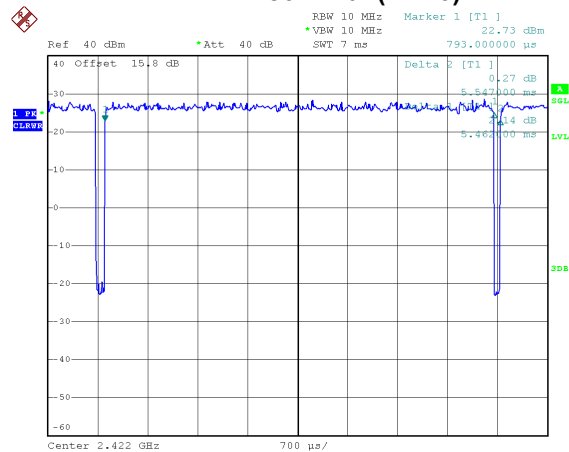
IEEE 802.11ax(HE20)



Date: 27.FEB.2025 16:11:42

Duty cycle = 5.462 ms / 5.589 ms = 97.73%
Duty Factor = 10 log(1/Duty cycle) = 0.10

IEEE 802.11ax(HE40)



Date: 27.FEB.2025 16:12:30

Duty cycle = 5.462 ms / 5.547 ms = 98.47%
Duty Factor = 10 log(1/Duty cycle) = 0.00

NOTE:

For IEEE 802.11b:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1183 Hz.

For IEEE 802.11g:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 712 Hz.

For IEEE 802.11n(HT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 760 Hz.

For IEEE 802.11n(HT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 1538 Hz.

For IEEE 802.11be(EHT20):

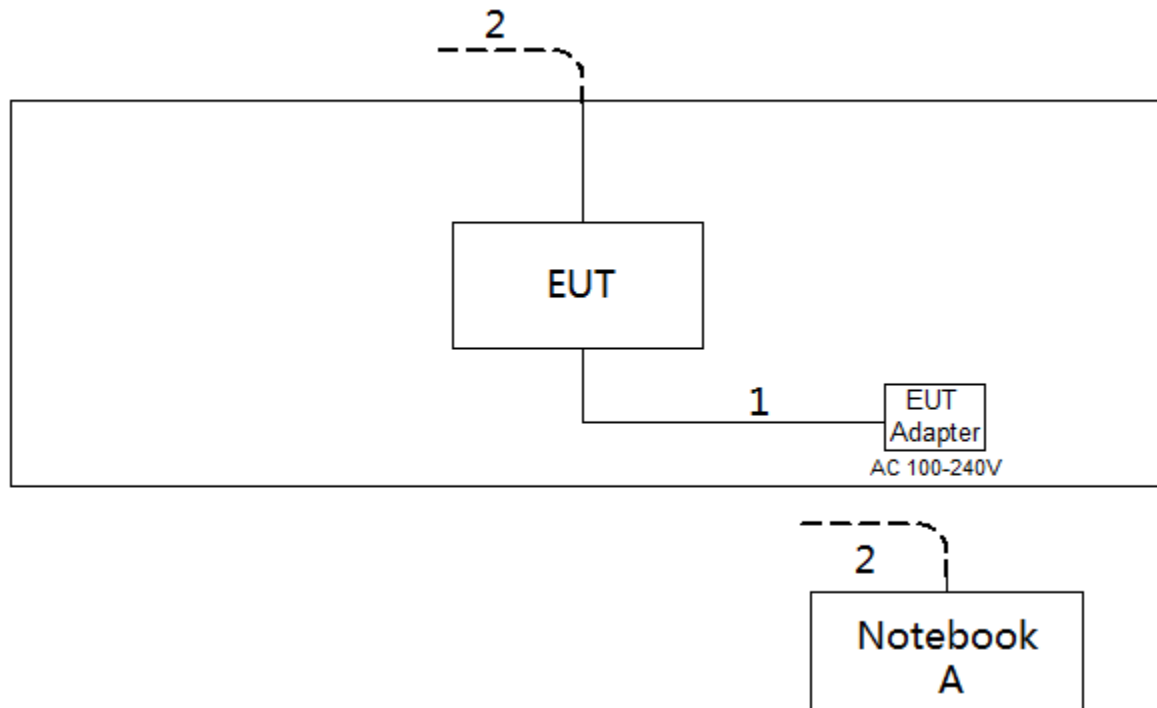
For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3125 Hz.

For IEEE 802.11be(EHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 3125 Hz.

(Remark: The video bandwidth of the spectrum analyzer was set to 1kHz during the test.)

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	Notebook	Honor	14SER5 3500	N/A

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

3.7 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain and beamforming gain are provided by the manufacturer.
- 2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. Part of the cable losses (0.5dB) are provided by the manufacturer, while the other parts of the cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

Frequency of Emission (MHz)	Limit (dB μ V)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

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

4.2 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.

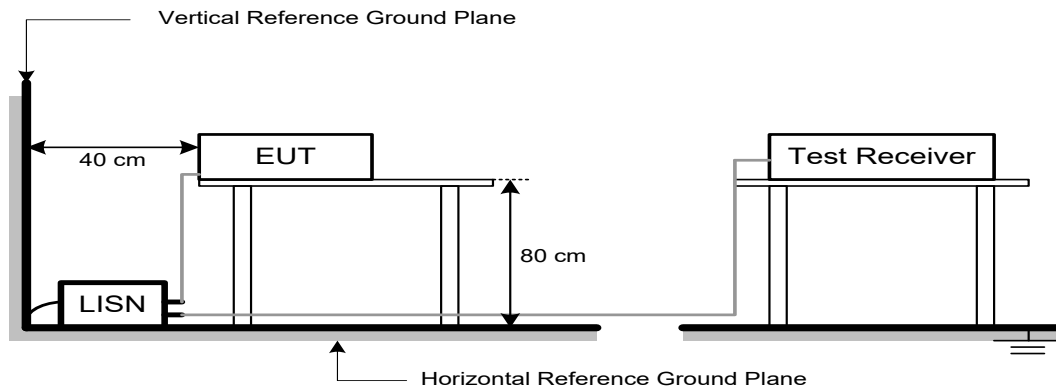
The following table is the setting of the receiver:

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

4.3 DEVIATION FROM TEST STANDARD

No deviation.

4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSIONS

5.1 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)	Band edge/ Harmonic at 3m (dBμV/m)		Harmonic at 1m (dBμV/m)	
	Peak	Average	Peak	Average
Above 1000	74	54	83.5 (Note 4)	63.5 (Note 4)

NOTE:

- (1) The limit for radiated test was performed according to FCC CFR Title 47, Part 15, Subpart C.
- (2) The tighter limit applies at the band edges.
- (3) Emission level (dBuV/m)=20log Emission level (uV/m).
- (4)

$$FS_{\text{limit}} = FS_{\text{max}} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

20log (d_{limit}/d_{measure})=20log (3/1)=9.5 dB.

FS_{limit}: Harmonic at 3m Peak and Average limit.

FS_{max}: Harmonic at 1m Peak and Average Maximum value.

d_{limit}: Harmonic at 3m test distance.

d_{measure}: Harmonic Actual test distance.

5.2 TEST PROCEDURE

- 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)
- The measuring distance of 3 m or 1 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)
- 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.
- 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).
- 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.
- 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.
- 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)
- 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)
- For the actual test configuration, please refer to the related Item -EUT Test Photos.

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

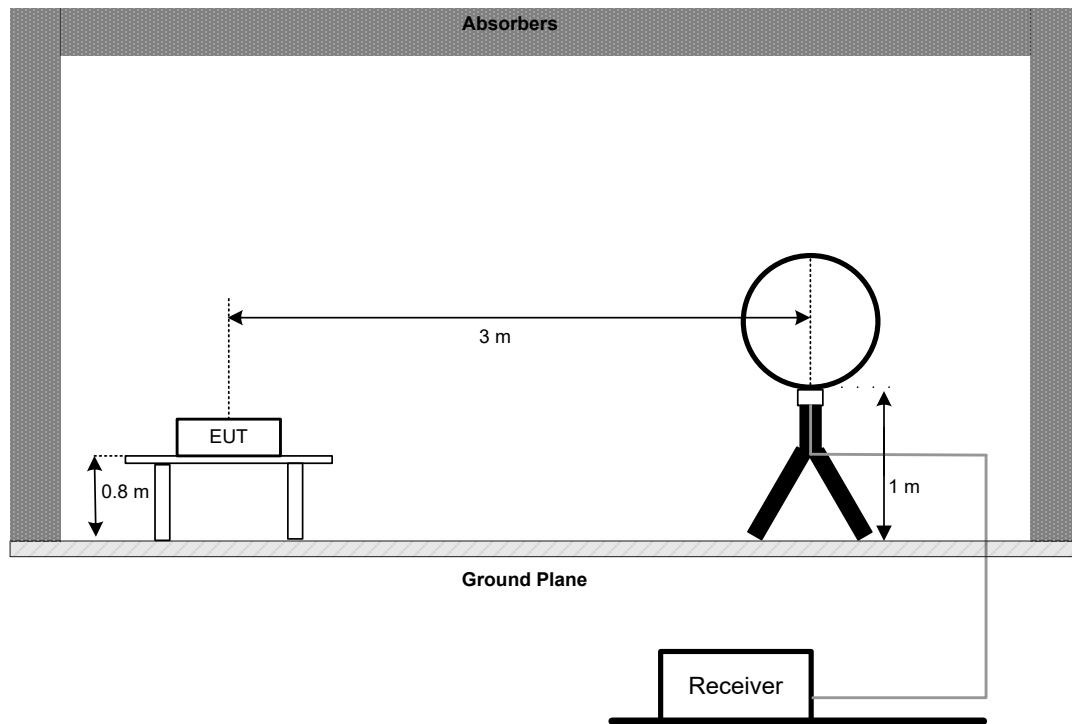
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~26.5 GHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

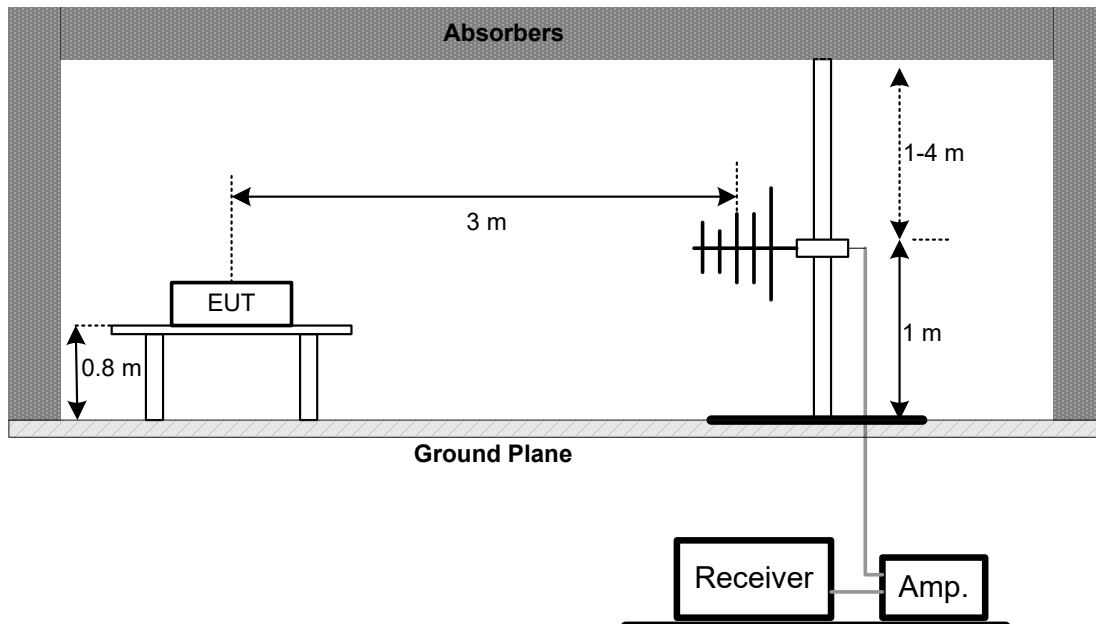
No deviation.

5.4 TEST SETUP

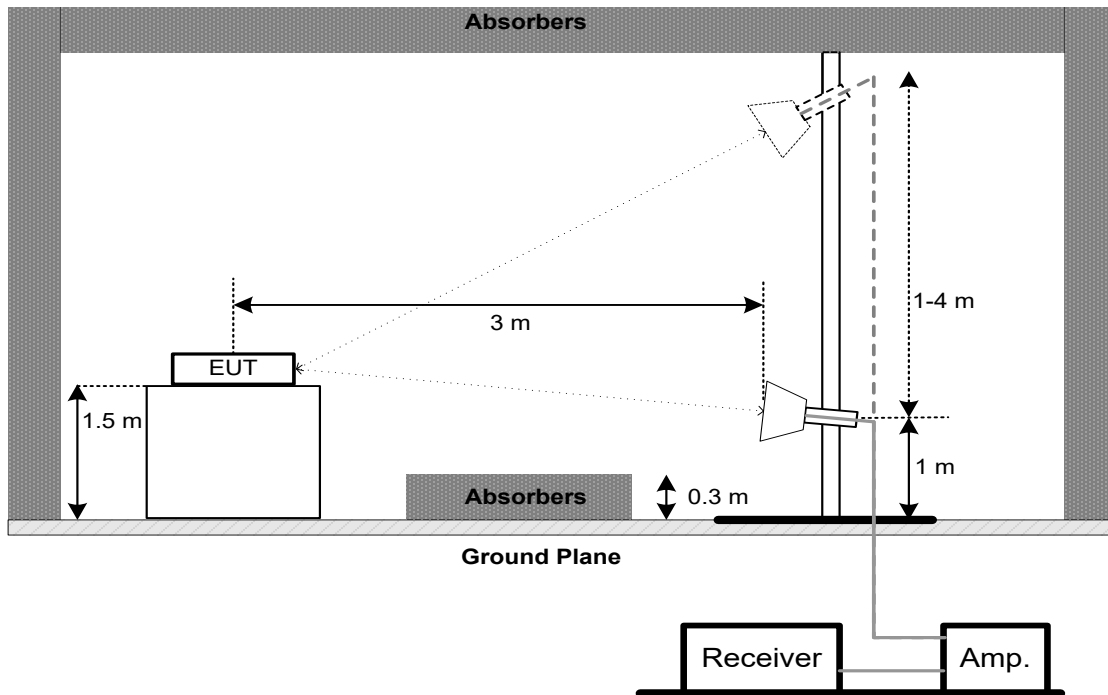
9 kHz to 30 MHz



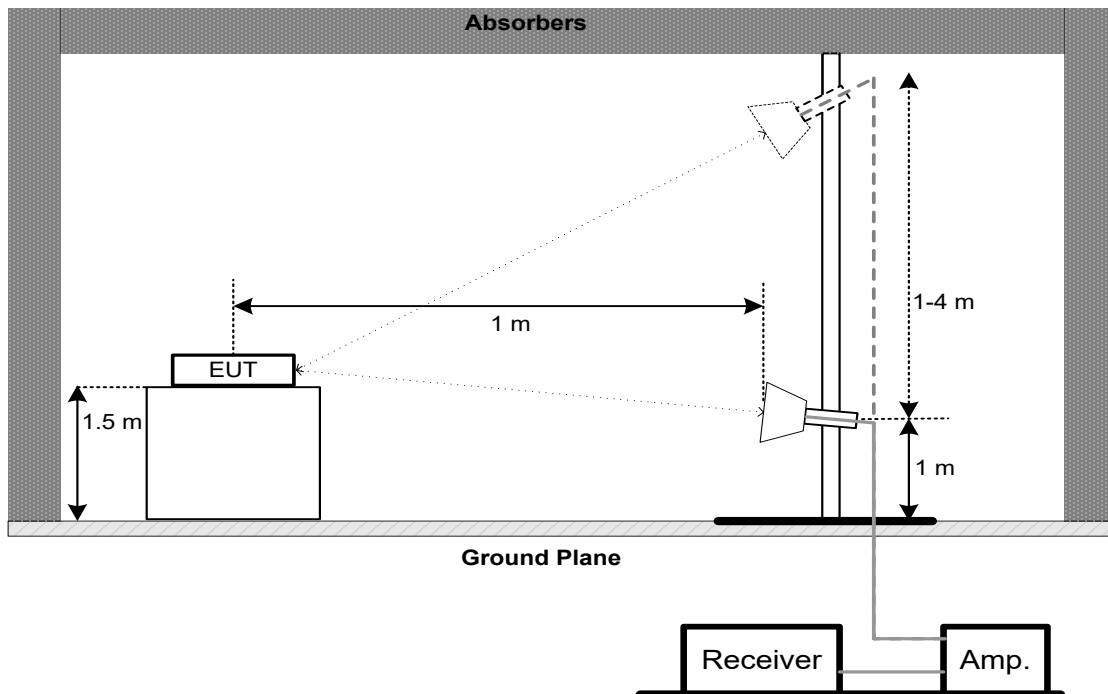
30 MHz to 1 GHz



Above 1 GHz Band edge & Harmonic(1 GHz to 18 GHz)



Harmonic(18 GHz to 26.5 GHz)



5.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

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

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 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.

6. BANDWIDTH

6.1 LIMIT

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

6.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

For 6 dB Bandwidth:

Spectrum Parameters	Setting
Span Frequency	> Measurement Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For 99% Emission Bandwidth:

Spectrum Parameters	Setting
Span Frequency	Between 1.5 times and 5.0 times the OBW
RBW	300 kHz For 20MHz 1 MHz For 40MHz
VBW	1 MHz For 20MHz 3 MHz For 40MHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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 E.

7. MAXIMUM OUTPUT POWER

7.1 LIMIT

Section	Test Item	Limit
FCC 15.247(b)(3)	Maximum Output Power	1.0000 Watt or 30.00 dBm

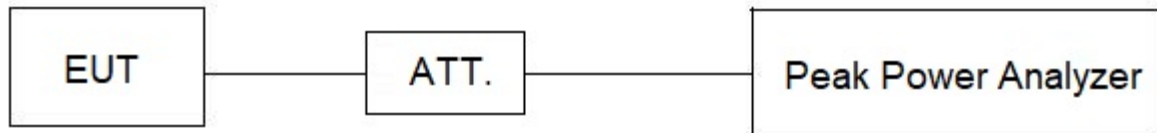
7.2 TEST PROCEDURE

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

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 F.

8. CONDUCTED SPURIOUS EMISSIONS

8.1 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.

8.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Start Frequency	30 MHz
Stop Frequency	26.5 GHz
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

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 G.

9. POWER SPECTRAL DENSITY

9.1 LIMIT

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

9.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- The following table is the setting of the spectrum analyzer:

Spectrum Parameters	Setting
Span Frequency	25 MHz (20 MHz) / 60 MHz (40 MHz)
RBW	3 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. 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	Dec. 06, 2025
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Dec. 06, 2025
3	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M -001	9M	Nov. 11, 2025
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60B	1513-60 B-034	Mar. 30, 2025
2	MXE EMI Receiver	Keysight	N9038A	MY56400091	Dec. 06, 2025
3	Cable	N/A	RW4950-3.8A-NMS M-1.5	N/A	Nov. 12, 2025
4	Cable	N/A	LMR400-NMNM-8 M	N/A	Nov. 12, 2025
5	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
6	966 Chamber room	ETS	9*6*6	N/A	May 16, 2025

Radiated Emissions - 30 MHz to 1 GHz					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	1587	Apr. 25, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06010	Apr. 25, 2025
3	Preamplifier	EMC INSTRUMENT	EMC001330	980865	Oct. 29, 2025
4	Cable	RegalWay	LMR400-NMNM-2. 5m	N/A	Jan. 07, 2026
5	Cable	RegalWay	LMR400-NMNM-7 m	N/A	Jan. 07, 2026
6	Cable	RegalWay	LMR400-NMNM-3 m	N/A	Jan. 07, 2026
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
8	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	ETS	9*6*6	N/A	Jan. 02, 2026

Radiated Emissions - 1 GHz to 18GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
2	Cable	RegalWay	RWLP50-4.0A-SMS M-1.3M-KJ	N/A	Jan. 07, 2026
3	Cable	RegalWay	RWLP50-2.6A-3.5 M2.92MRA-3M	N/A	Jan. 07, 2026
4	Cable	RegalWay	RWLP50-4.0A-SMS M-9M	N/A	Jan. 07, 2026
5	Double Ridged Horn Antenna	EMC INSTRUMENT	DRH18-E	210510A18ES	Sep. 26, 2025
6	Preamplifier	EMC INSTRUMENT	EMC118A45SE	980878	Nov. 25, 2025
7	966 Chamber room	ETS	9*6*6	N/A	Jan. 03,2026
8	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	STI	STI15-9912	N/A	May 31, 2025

Radiated Emissions - Above 18 GHz

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63380204	Oct. 29, 2025
2	Cable	RegalWay	RWLP50-2.6A-2.92 M2.92M-2M	N/A	Jan. 07, 2026
3	Cable	RegalWay	RWLP50-2.6A-3.5 M2.92MMRA-6M	N/A	Jan. 07, 2026
4	Broad-Band Horn Antenna	Schwarzbeck	BBHA9170	1227	Oct. 20, 2025
5	Preamplifier	EMC INSTRUMENT	EMC184045SE	980905	Oct. 29, 2025
6	966 Chamber room	ETS	9*6*6	N/A	Jan. 03,2026
7	Multi-Device Controller	ETS-Lindgren	N/A	N/A	N/A
8	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Bandwidth & Conducted Spurious Emissions & Power Spectral Density

Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Spectrum Analyzer	R&S	FSP40	100185	May 31, 2025
2	Measurement Software	BTL	BTL Conducted Test	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A

Maximum Output Power

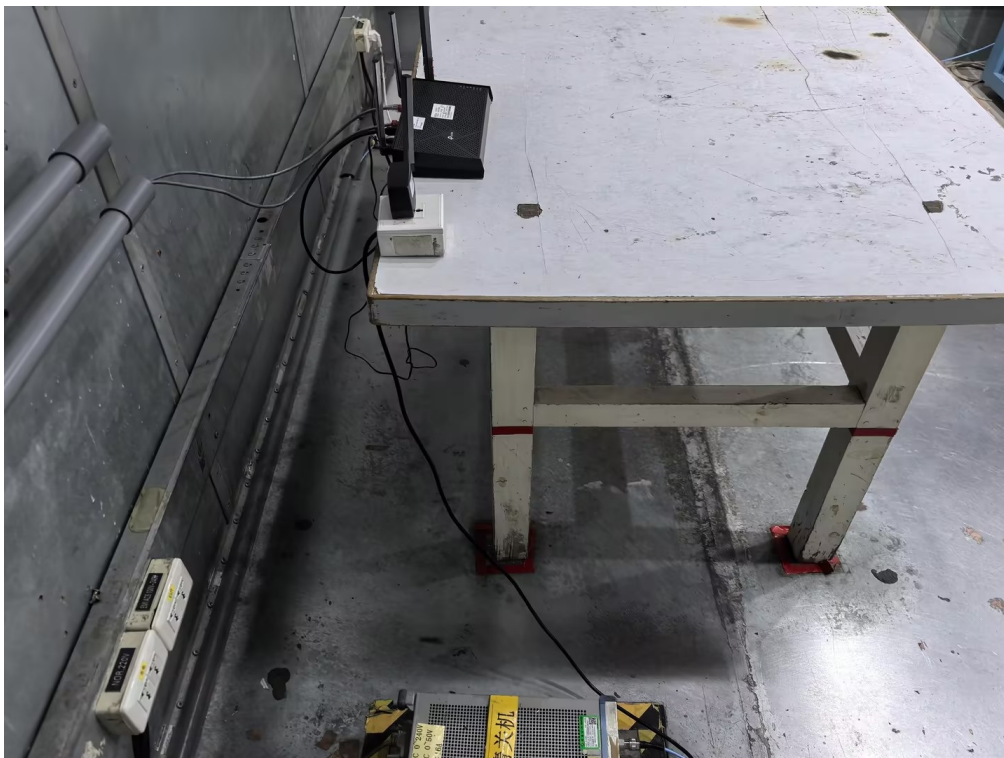
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 31, 2025
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 31, 2025
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

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

All calibration period of equipment list is one year.

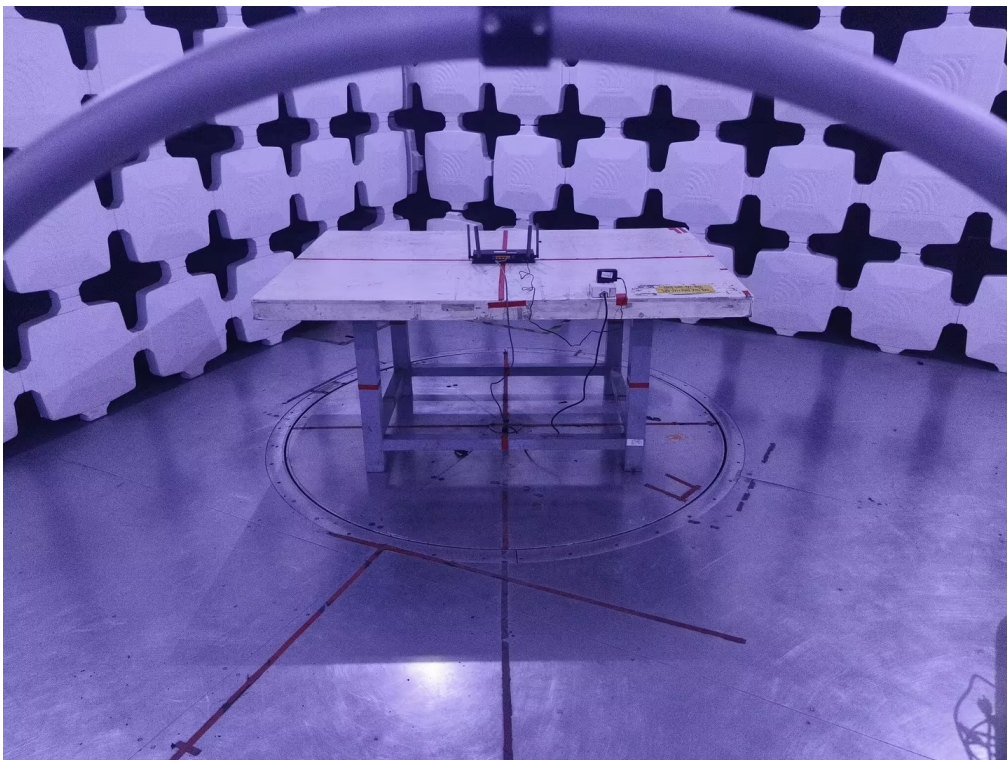
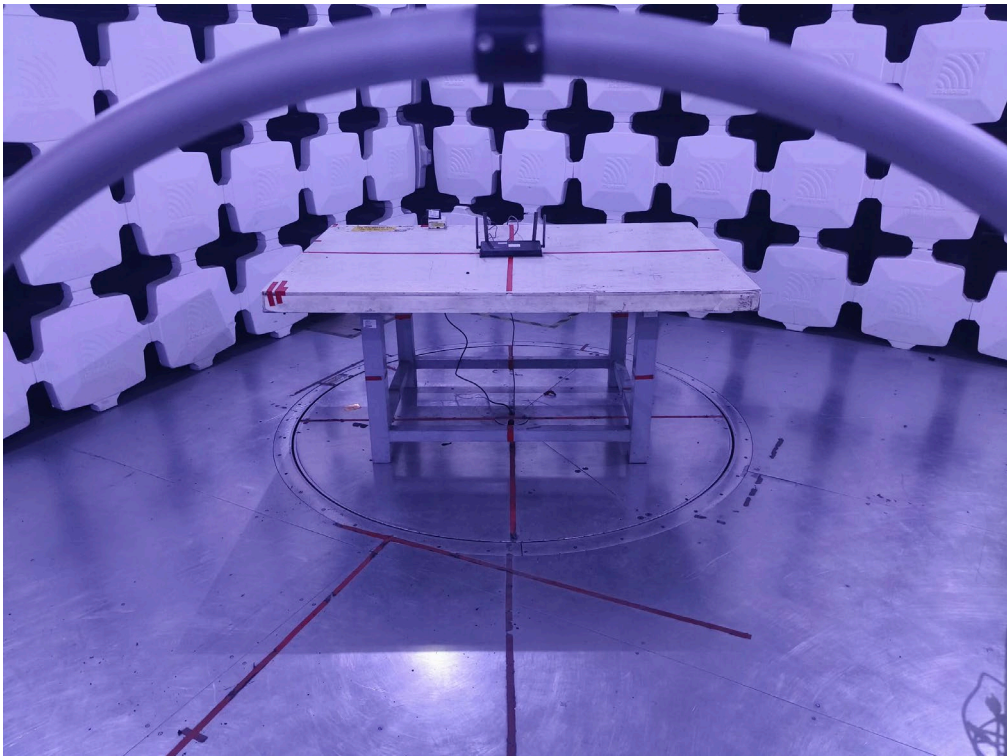
11. EUT TEST PHOTO

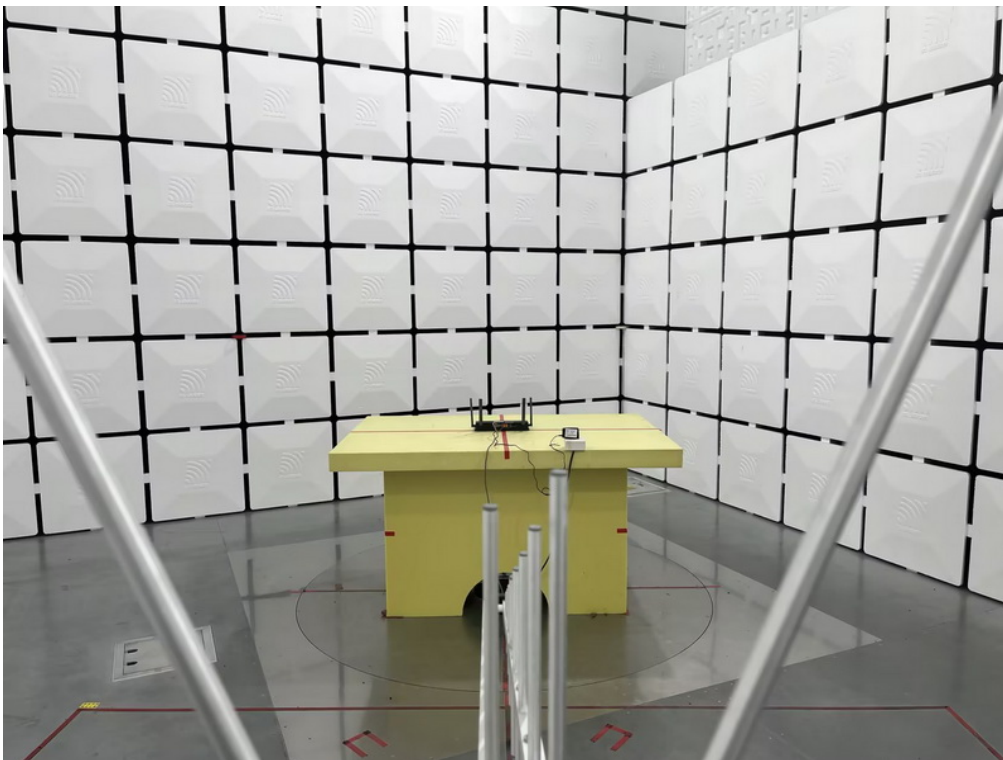
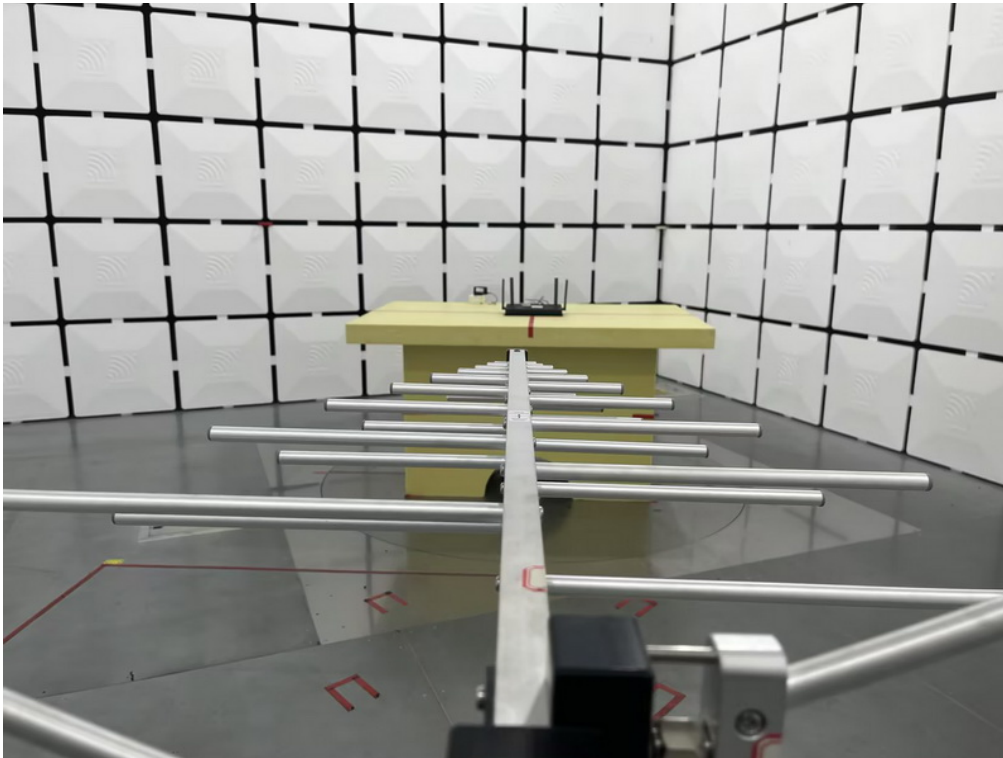
AC Power Line Conducted Emissions Test Photos



Radiated Emissions Test Photos

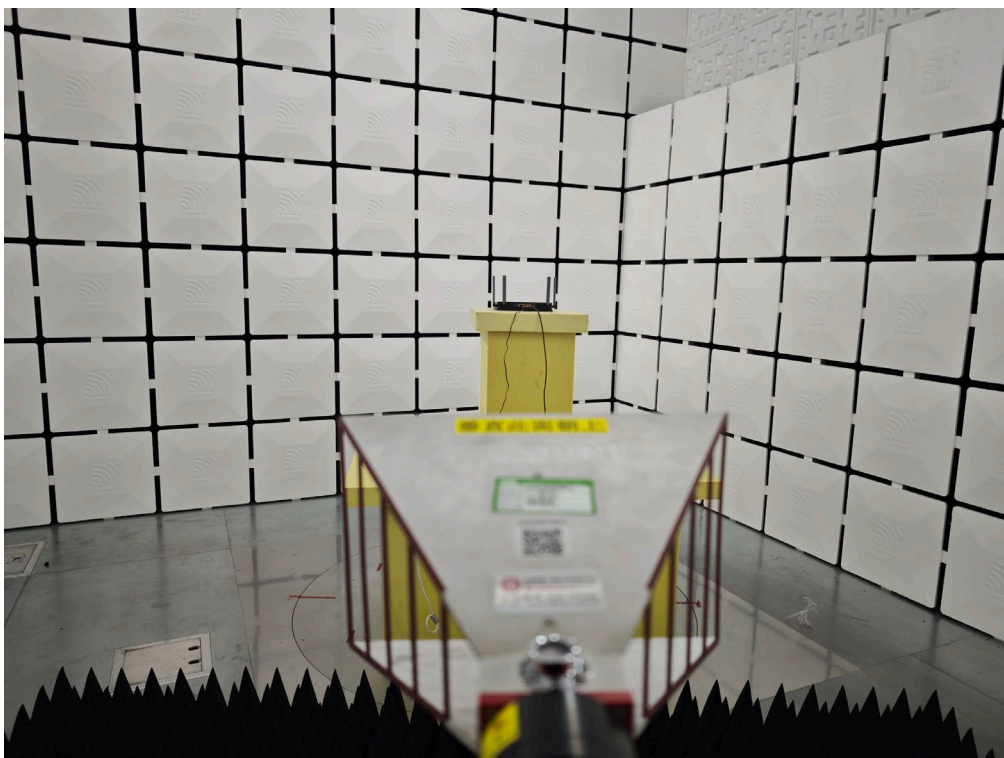
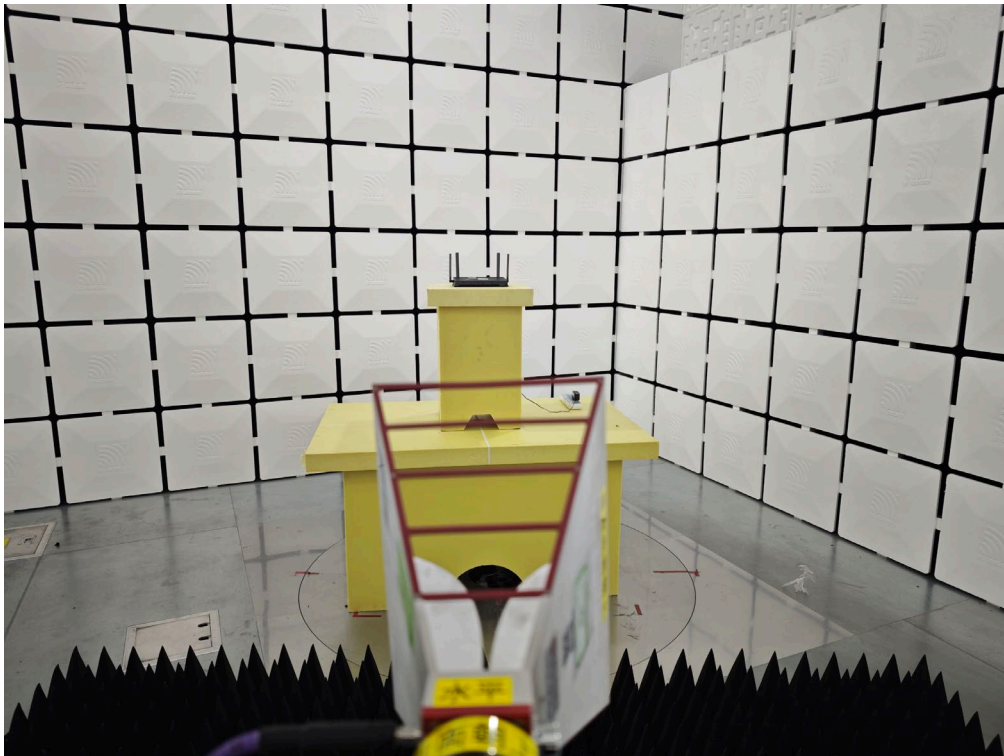
9 kHz to 30 MHz



Radiated Emissions Test Photos**30 MHz to 1 GHz**

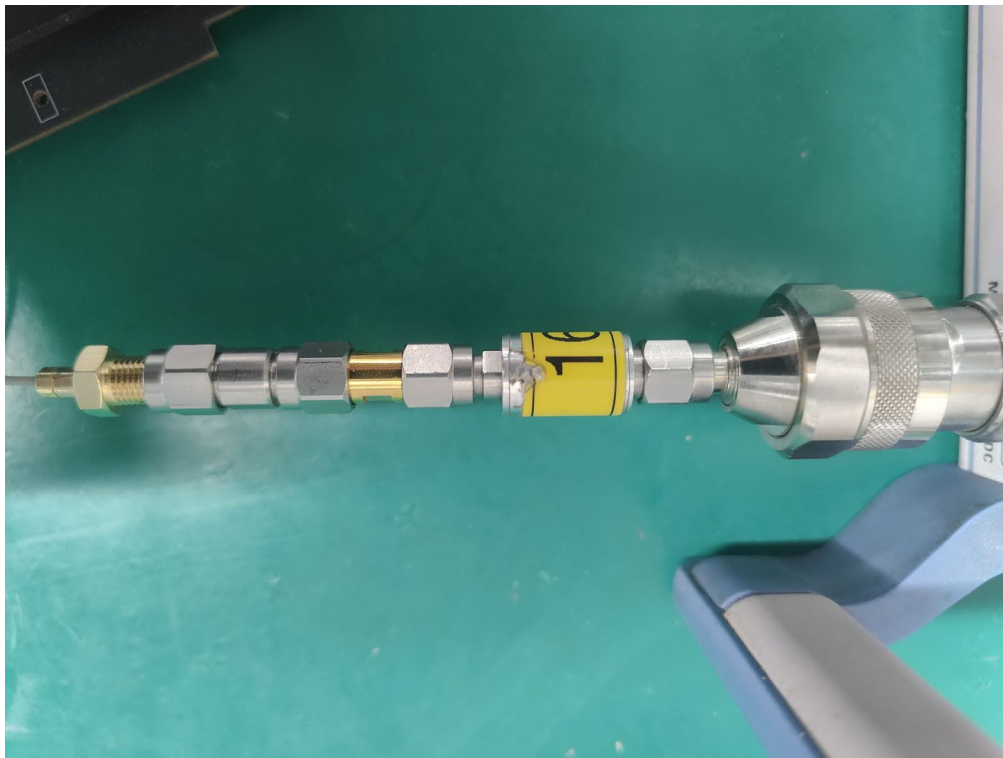
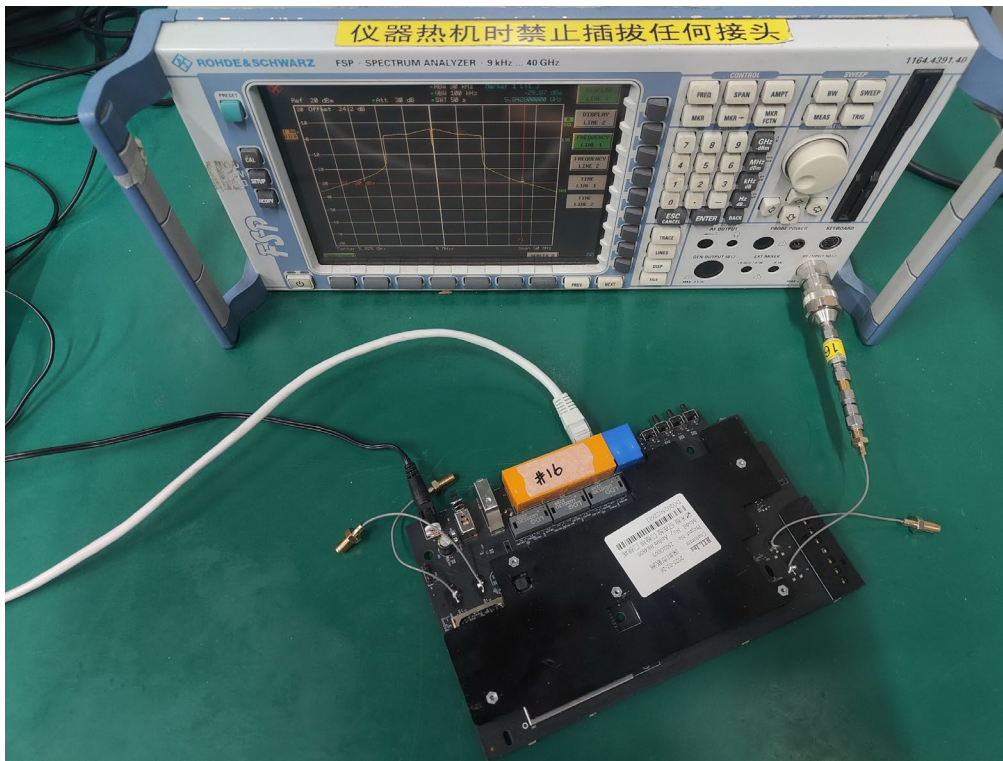
Radiated Emissions Test Photos

1 GHz to 18 GHz



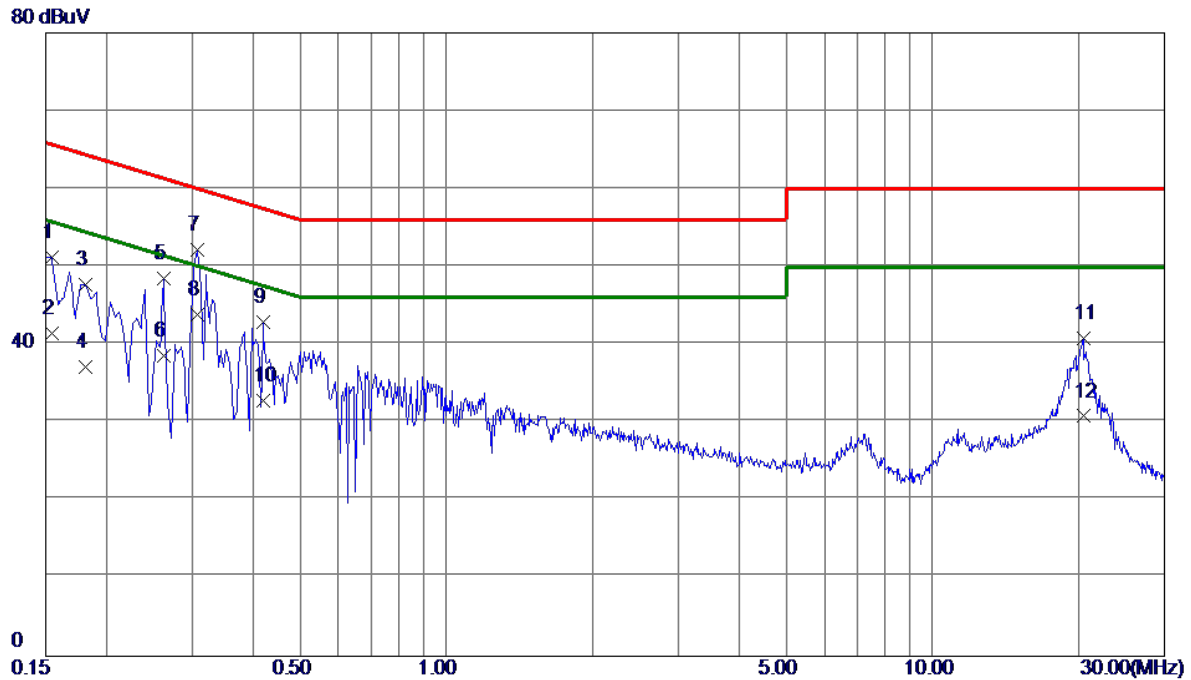
Radiated Emissions Test Photos**Above 18 GHz**

Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX N(HT20) Mode Channel 06	Phase	Line
-----------	----------------------------	-------	------

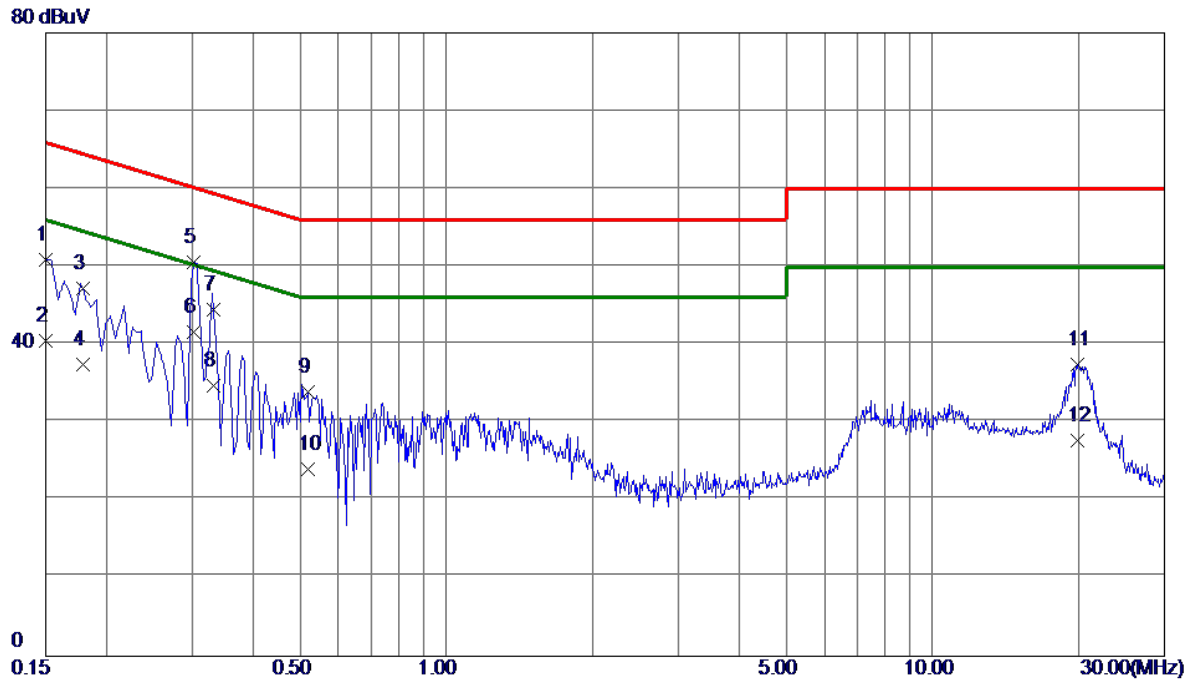


No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1545	41.29	9.90	51.19	65.75	-14.56	QP	
2	0.1545	31.51	9.90	41.41	55.75	-14.34	AVG	
3	0.1815	37.82	9.92	47.74	64.42	-16.68	QP	
4	0.1815	27.20	9.92	37.12	54.42	-17.30	AVG	
5	0.2625	38.58	9.90	48.48	61.35	-12.87	QP	
6	0.2625	28.61	9.90	38.51	51.35	-12.84	AVG	
7	0.3075	42.19	9.92	52.11	60.04	-7.93	QP	
8 *	0.3075	33.90	9.92	43.82	50.04	-6.22	AVG	
9	0.4200	32.95	9.94	42.89	57.45	-14.56	QP	
10	0.4200	22.90	9.94	32.84	47.45	-14.61	AVG	
11	20.4315	25.65	15.21	40.86	60.00	-19.14	QP	
12	20.4315	15.59	15.21	30.80	50.00	-19.20	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode Channel 06	Phase	Neutral
-----------	----------------------------	-------	---------



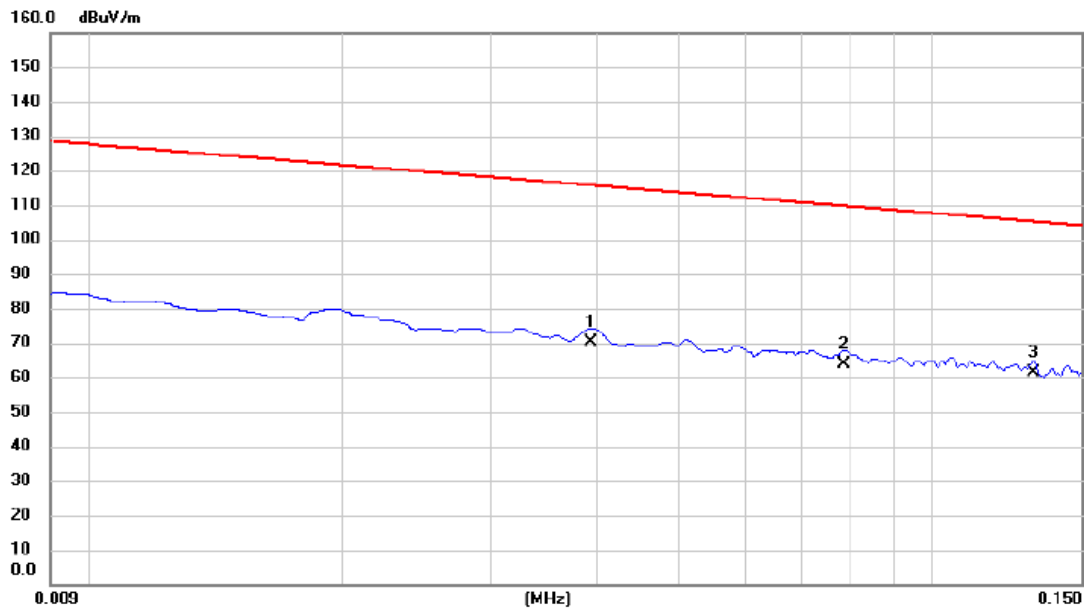
No.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1500	40.88	9.97	50.85	66.00	-15.15	QP	
2	0.1500	30.50	9.97	40.47	56.00	-15.53	AVG	
3	0.1787	37.18	9.97	47.15	64.55	-17.40	QP	
4	0.1787	27.40	9.97	37.37	54.55	-17.18	AVG	
5	0.3030	40.54	9.98	50.52	60.16	-9.64	QP	
6 *	0.3030	31.60	9.98	41.58	50.16	-8.58	AVG	
7	0.3321	34.53	9.98	44.51	59.40	-14.89	QP	
8	0.3321	24.80	9.98	34.78	49.40	-14.62	AVG	
9	0.5190	23.93	10.04	33.97	56.00	-22.03	QP	
10	0.5190	13.90	10.04	23.94	46.00	-22.06	AVG	
11	19.8150	22.42	15.02	37.44	60.00	-22.56	QP	
12	19.8150	12.60	15.02	27.62	50.00	-22.38	AVG	

REMARKS:

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX N(HT20) Mode Channel 06	Polarization	Ant 0°
-----------	----------------------------	--------------	--------

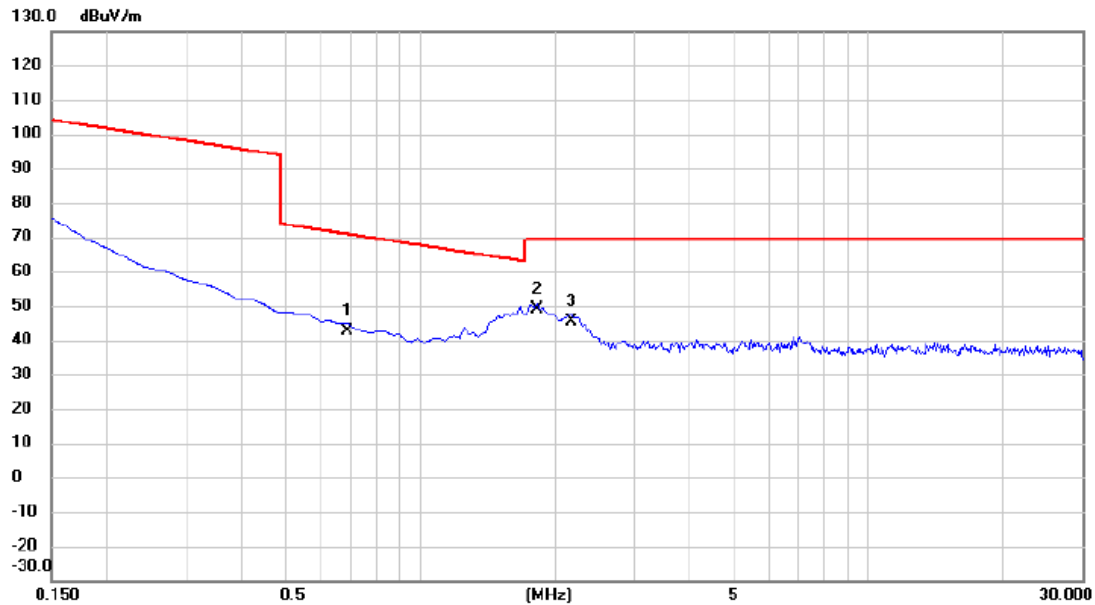


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.0394	48.87	21.19	70.06	115.69	-45.63	AVG	
2		0.0786	42.63	21.34	63.97	109.70	-45.73	AVG	
3	*	0.1318	40.17	21.29	61.46	105.21	-43.75	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode Channel 06	Polarization	Ant 0°
-----------	----------------------------	--------------	--------

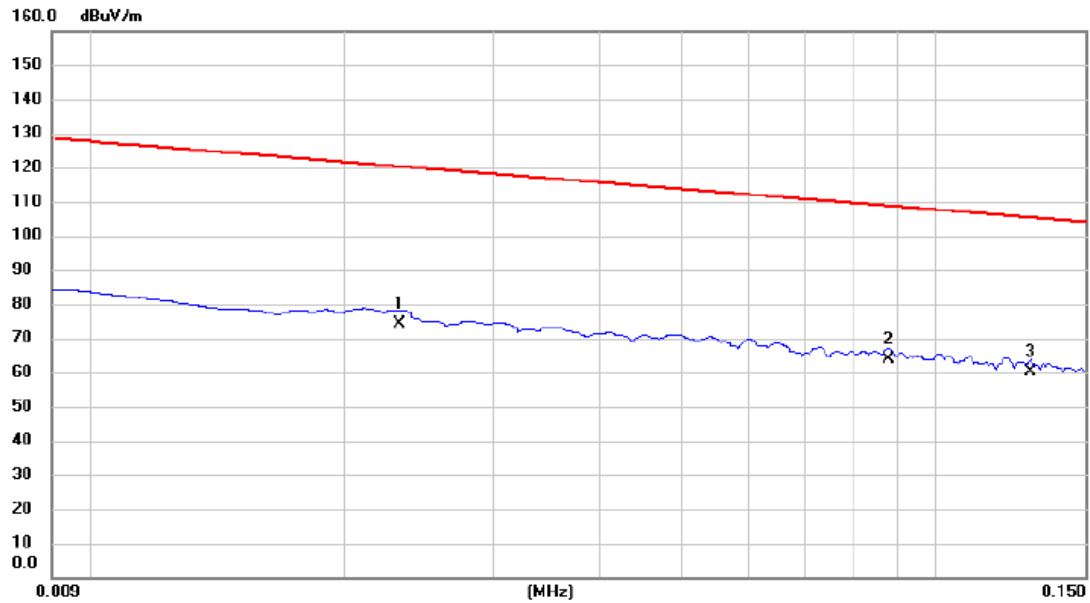


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		0.6873	21.64	21.12	42.76	70.86	-28.10	QP	
2	*	1.8216	27.91	21.13	49.04	69.54	-20.50	QP	
3		2.1798	24.32	21.11	45.43	69.54	-24.11	QP	

REMARKS:

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

Test Mode	TX N(HT20) Mode Channel 06	Polarization	Ant 90°
-----------	----------------------------	--------------	---------



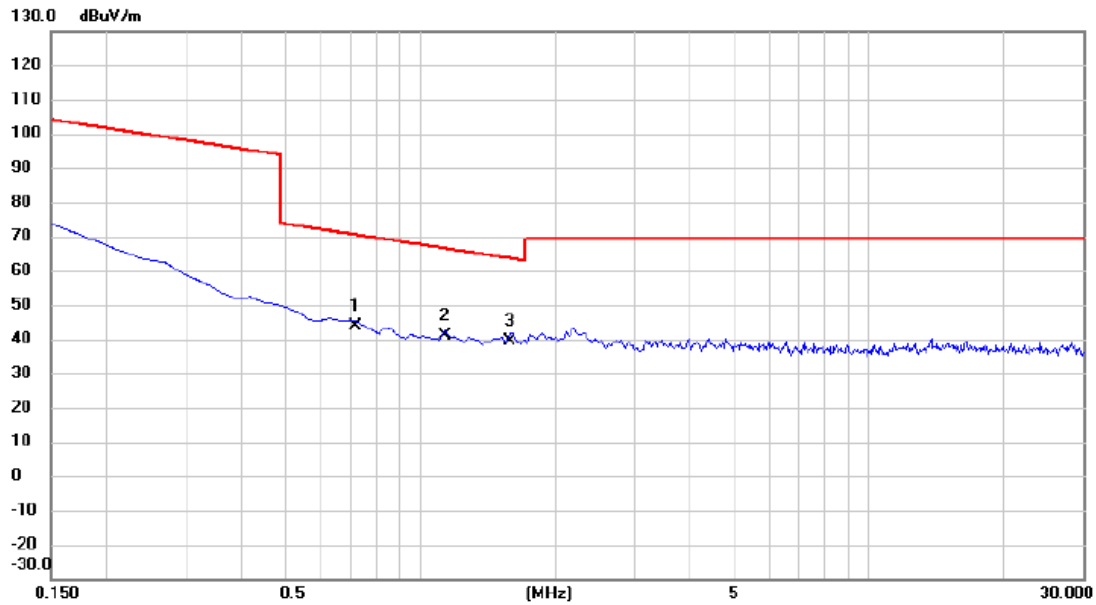
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.0232	53.45	20.94	74.39	120.30	-45.91	AVG	
2	*	0.0878	42.63	21.34	63.97	108.73	-44.76	AVG	
3		0.1293	38.74	21.30	60.04	105.38	-45.34	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX N(HT20) Mode Channel 06	Polarization	Ant 90°
-----------	----------------------------	--------------	---------



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	0.7171	22.61	21.13	43.74	70.49	-26.75	QP	
2	1.1350	19.74	21.19	40.93	66.50	-25.57	QP	
3 *	1.5827	18.43	21.15	39.58	63.62	-24.04	QP	

REMARKS:

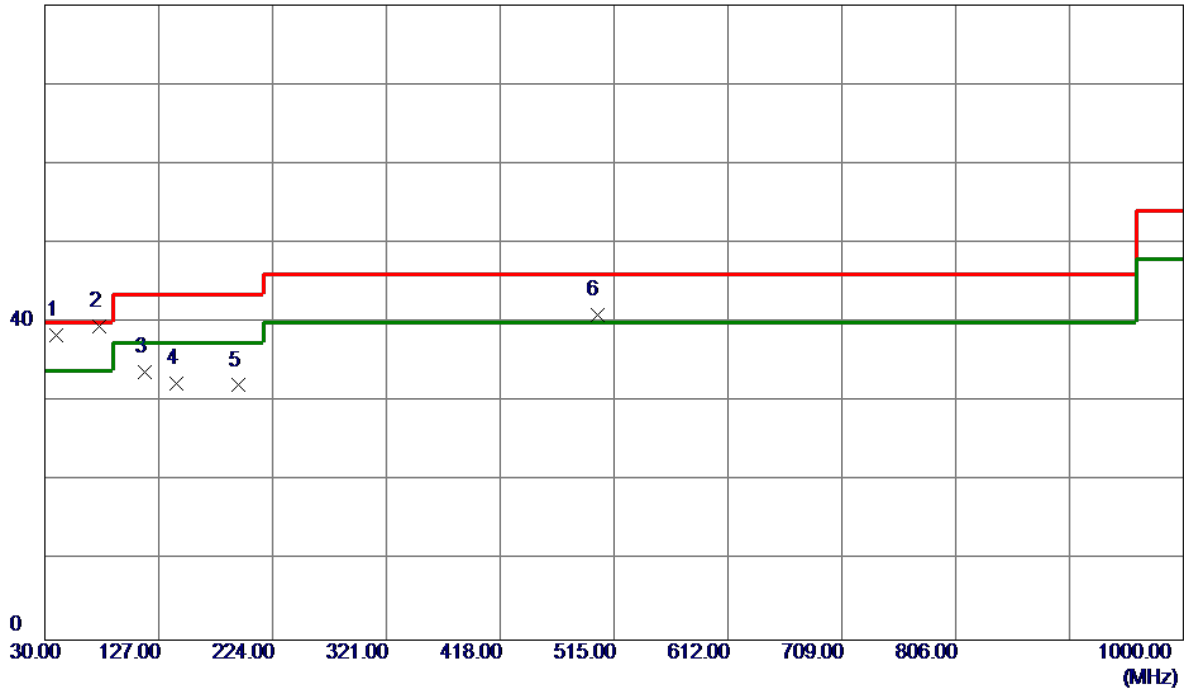
(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX N(HT20) Mode Channel 06	Polarization	Vertical
-----------	----------------------------	--------------	----------

80 dBuV/m



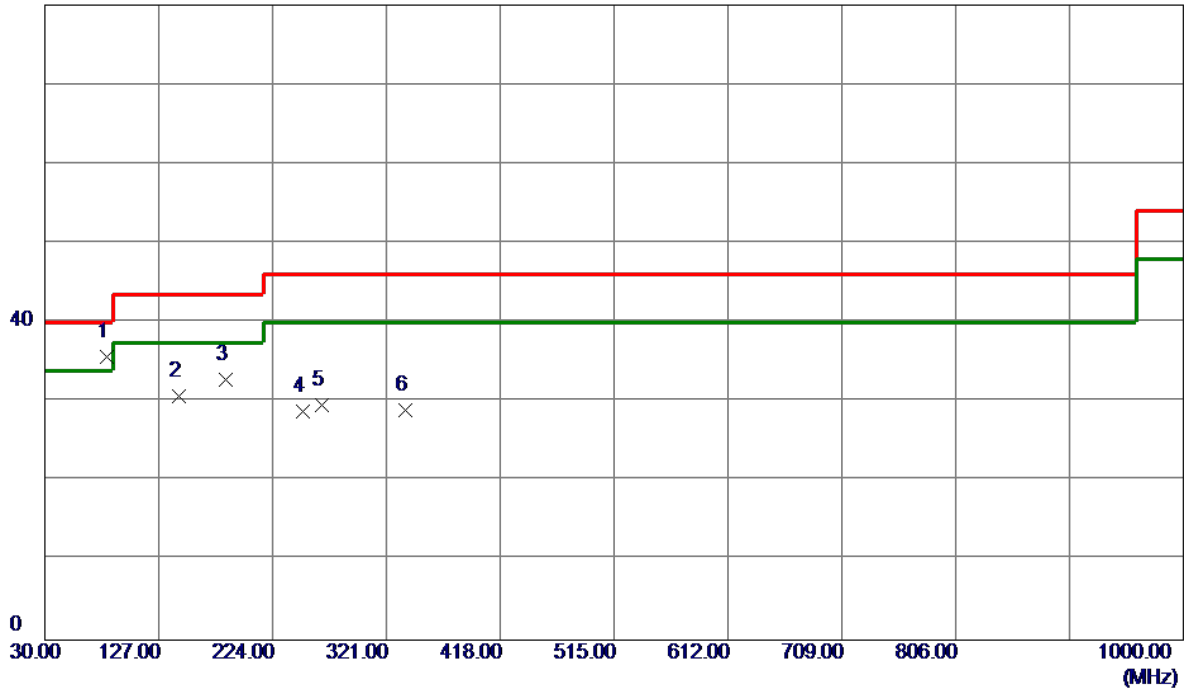
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	39.7000	50.30	-11.94	38.36	40.00	-1.64	QP	
2 *	76.5600	54.59	-15.03	39.56	40.00	-0.44	Peak	
3	115.3600	47.80	-13.99	33.81	43.50	-9.69	Peak	
4	142.5200	44.08	-11.78	32.30	43.50	-11.20	Peak	
5	194.9000	46.44	-14.36	32.08	43.50	-11.42	Peak	
6	500.4500	47.20	-6.23	40.97	46.00	-5.03	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode Channel 06	Polarization	Horizontal
-----------	----------------------------	--------------	------------

80 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	82.3800	52.12	-16.39	35.73	40.00	-4.27	Peak	
2	144.4600	42.37	-11.66	30.71	43.50	-12.79	Peak	
3	184.2300	46.16	-13.43	32.73	43.50	-10.77	Peak	
4	250.1900	41.45	-12.65	28.80	46.00	-17.20	Peak	
5	265.7100	41.72	-12.12	29.60	46.00	-16.40	Peak	
6	337.4900	38.84	-9.92	28.92	46.00	-17.08	Peak	

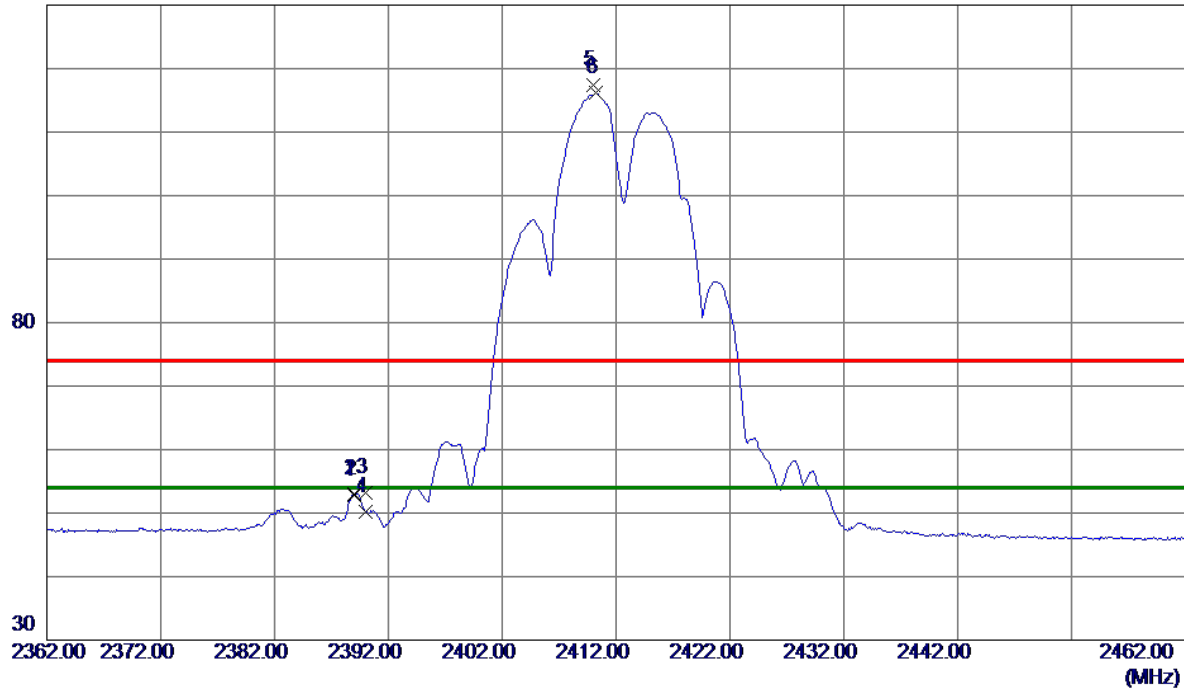
REMARKS:

- (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	Polarization	Vertical
-----------	--------------------	--------------	----------

130 dBuV/m



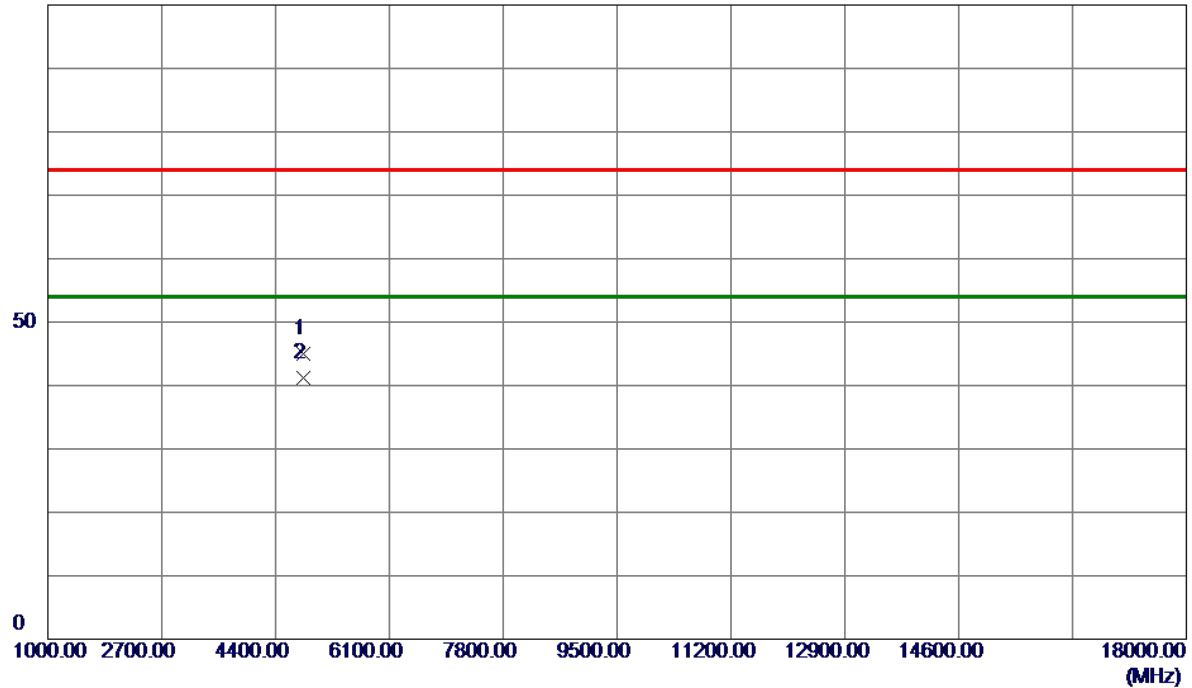
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.0000	45.90	6.93	52.83	74.00	-21.17	Peak	
2	2389.0000	46.16	6.93	53.09	54.00	-0.91	AVG	
3	2390.0000	46.28	6.93	53.21	74.00	-20.79	Peak	
4	2390.0000	43.19	6.93	50.12	54.00	-3.88	AVG	
5	2410.0000	110.44	7.00	117.44	74.00	43.44	Peak	No Limit
6 *	2410.2000	109.11	7.00	116.11	54.00	62.11	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	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



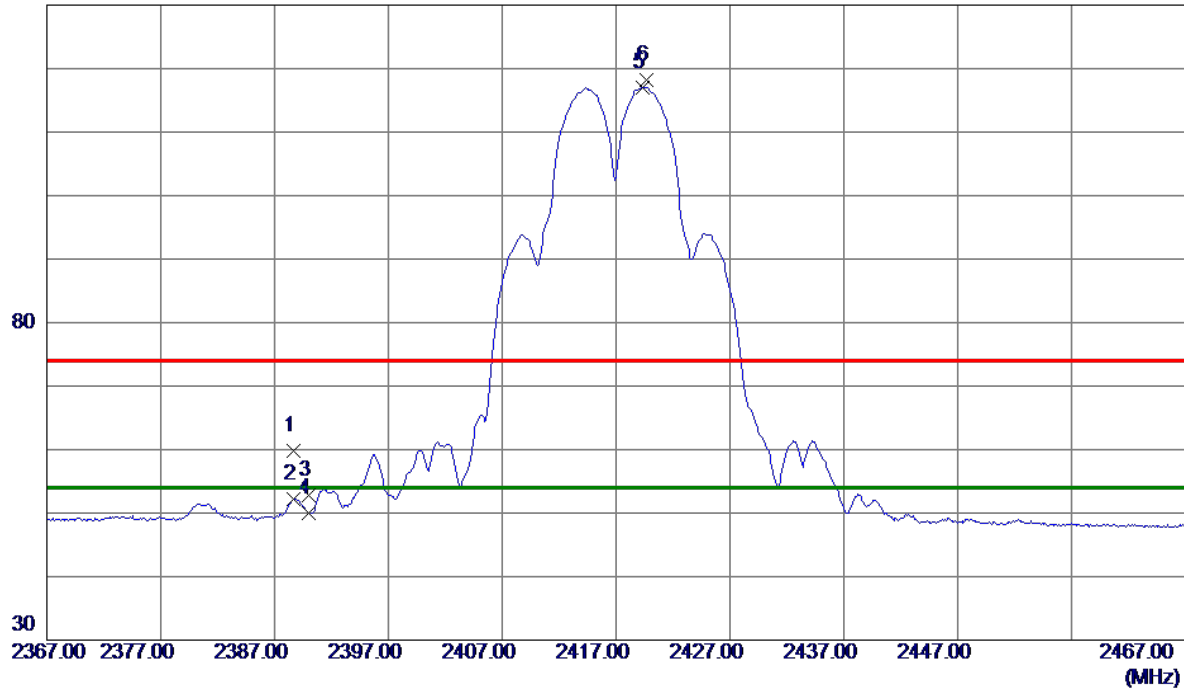
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4823.8000	41.23	3.83	45.06	74.00	-28.94	Peak	
2 *	4823.9600	37.42	3.83	41.25	54.00	-12.75	AVG	

REMARKS:

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

Test Mode	TX B Mode 2417 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

130 dBuV/m



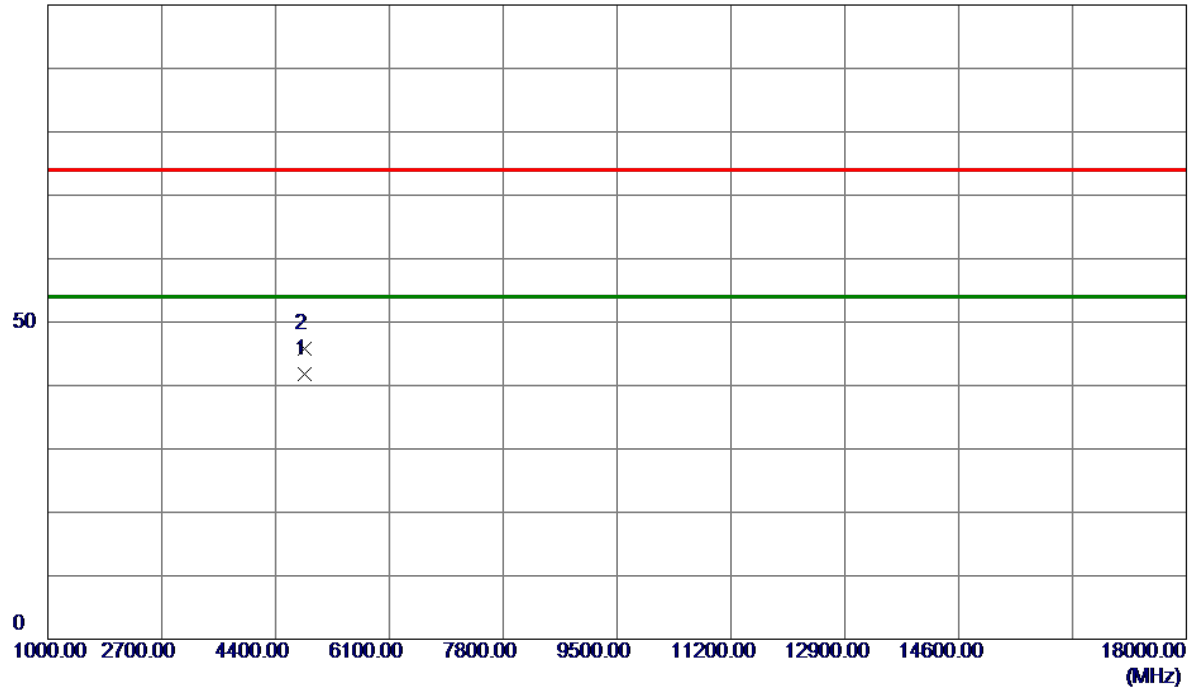
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.7000	52.90	6.93	59.83	74.00	-14.17	Peak	
2	2388.7000	45.29	6.93	52.22	54.00	-1.78	AVG	
3	2390.0000	45.83	6.93	52.76	74.00	-21.24	Peak	
4	2390.0000	43.10	6.93	50.03	54.00	-3.97	AVG	
5 *	2419.3000	110.06	7.03	117.09	54.00	63.09	AVG	No Limit
6	2419.7000	111.18	7.03	118.21	74.00	44.21	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	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m

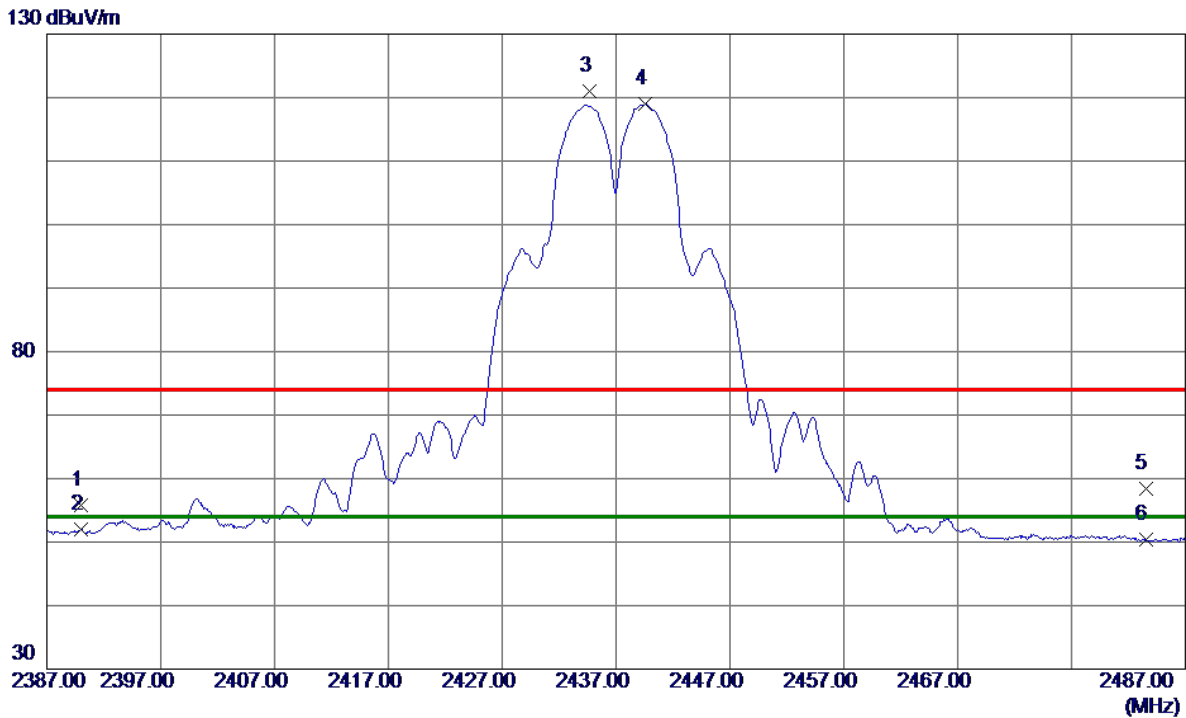


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4834.0000	38.00	3.86	41.86	54.00	-12.14	AVG	
2	4834.1500	41.87	3.86	45.73	74.00	-28.27	Peak	

REMARKS:

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------



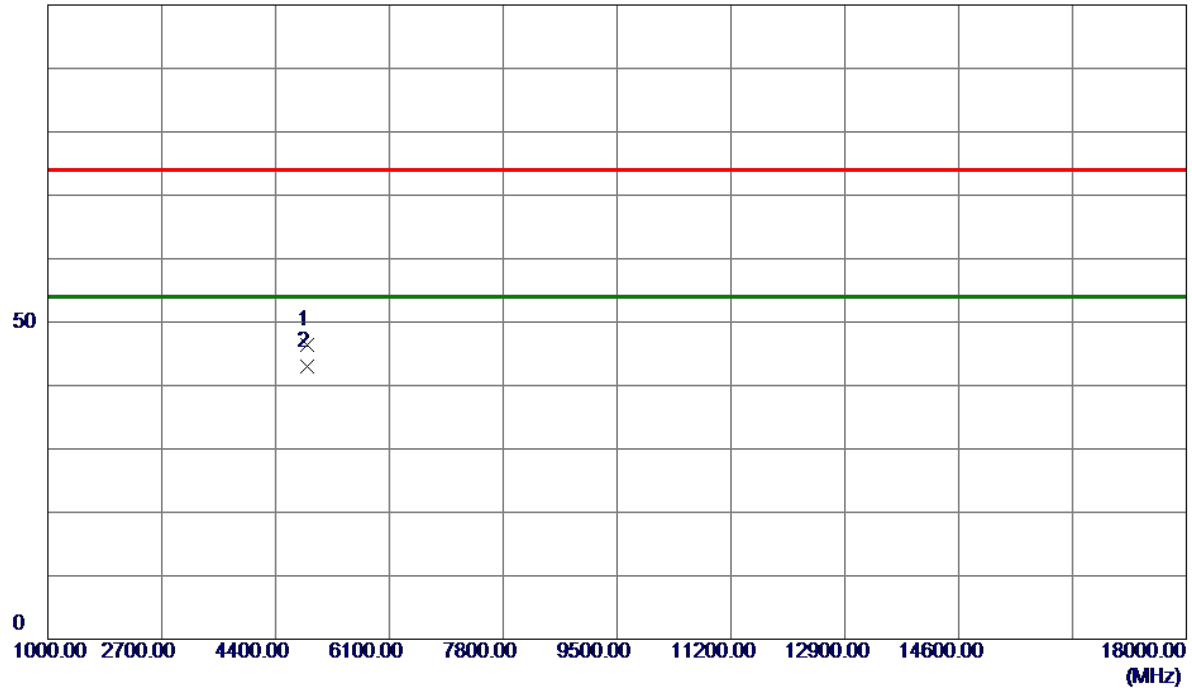
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	48.96	6.93	55.89	74.00	-18.11	Peak	
2	2390.0000	45.14	6.93	52.07	54.00	-1.93	AVG	
3	2434.7000	113.83	7.07	120.90	74.00	46.90	Peak	No Limit
4 *	2439.6000	111.85	7.09	118.94	54.00	64.94	AVG	No Limit
5	2483.5000	51.12	7.23	58.35	74.00	-15.65	Peak	
6	2483.5000	43.10	7.23	50.33	54.00	-3.67	AVG	

REMARKS:

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

Test Mode	TX B Mode 2437 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4873.9400	42.38	3.96	46.34	74.00	-27.66	Peak	
2 *	4873.9600	39.02	3.96	42.98	54.00	-11.02	AVG	

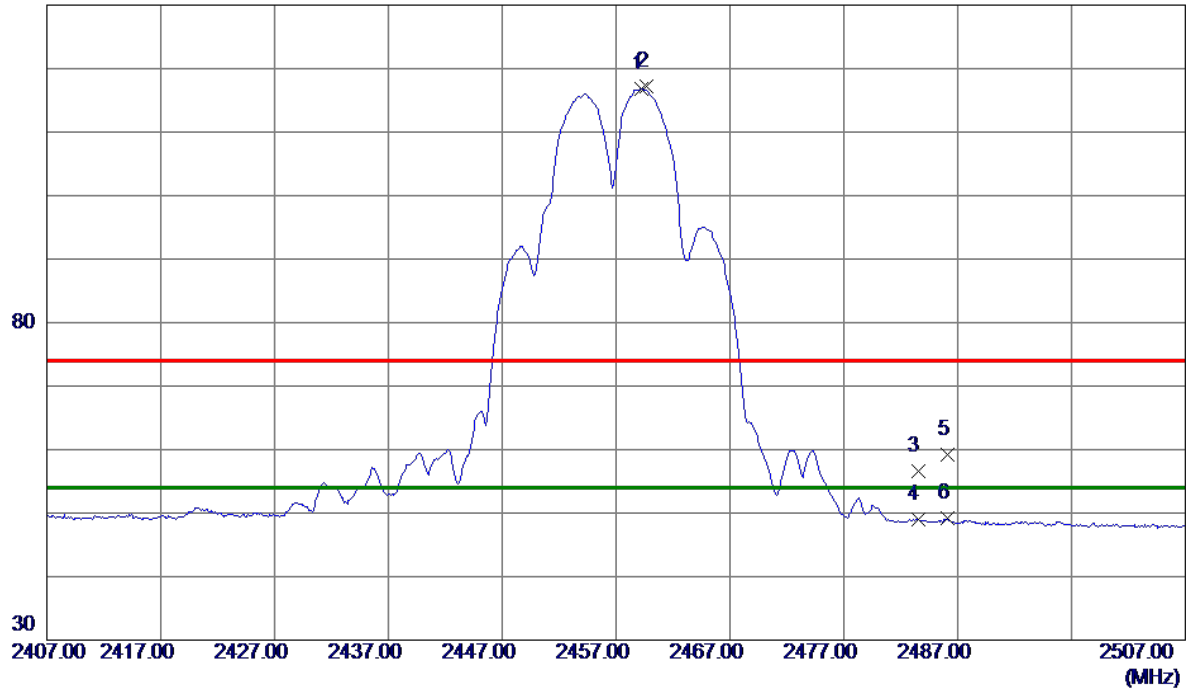
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX B Mode 2457 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

130 dBuV/m



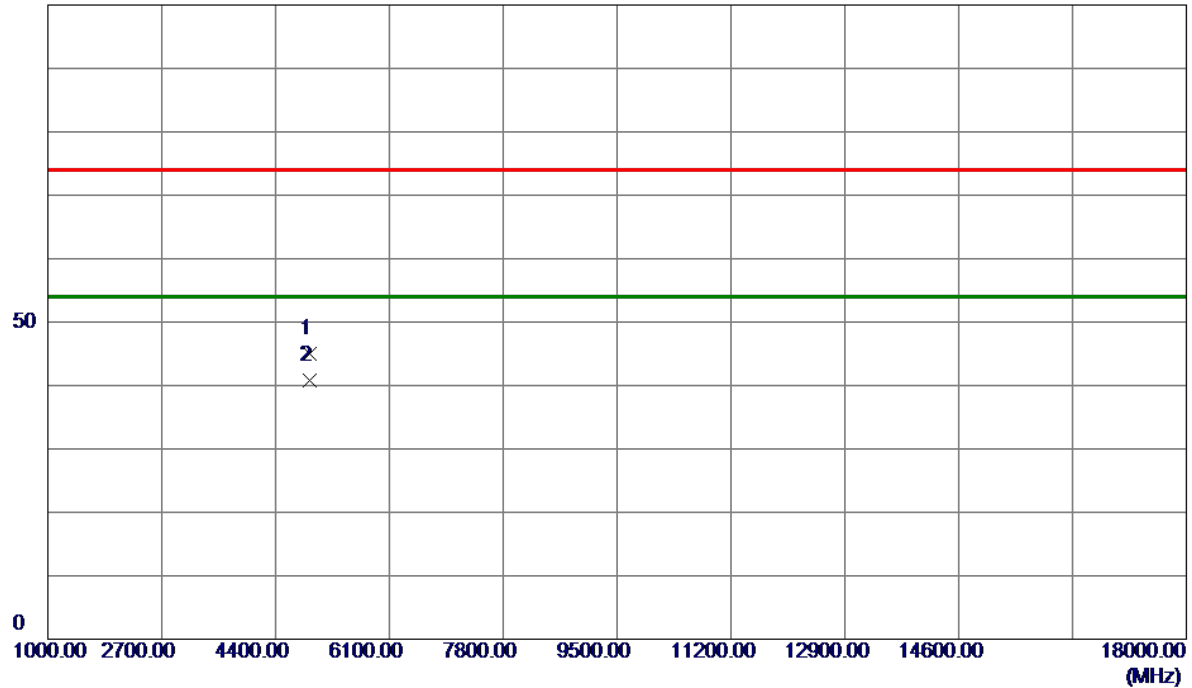
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2459.2000	109.65	7.15	116.80	54.00	62.80	AVG	No Limit
2	2459.7000	110.07	7.15	117.22	74.00	43.22	Peak	No Limit
3	2483.5000	49.41	7.23	56.64	74.00	-17.36	Peak	
4	2483.5000	41.68	7.23	48.91	54.00	-5.09	AVG	
5	2486.1000	51.88	7.24	59.12	74.00	-14.88	Peak	
6	2486.1000	41.95	7.24	49.19	54.00	-4.81	AVG	

REMARKS:

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

Test Mode	TX B Mode 2457 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m

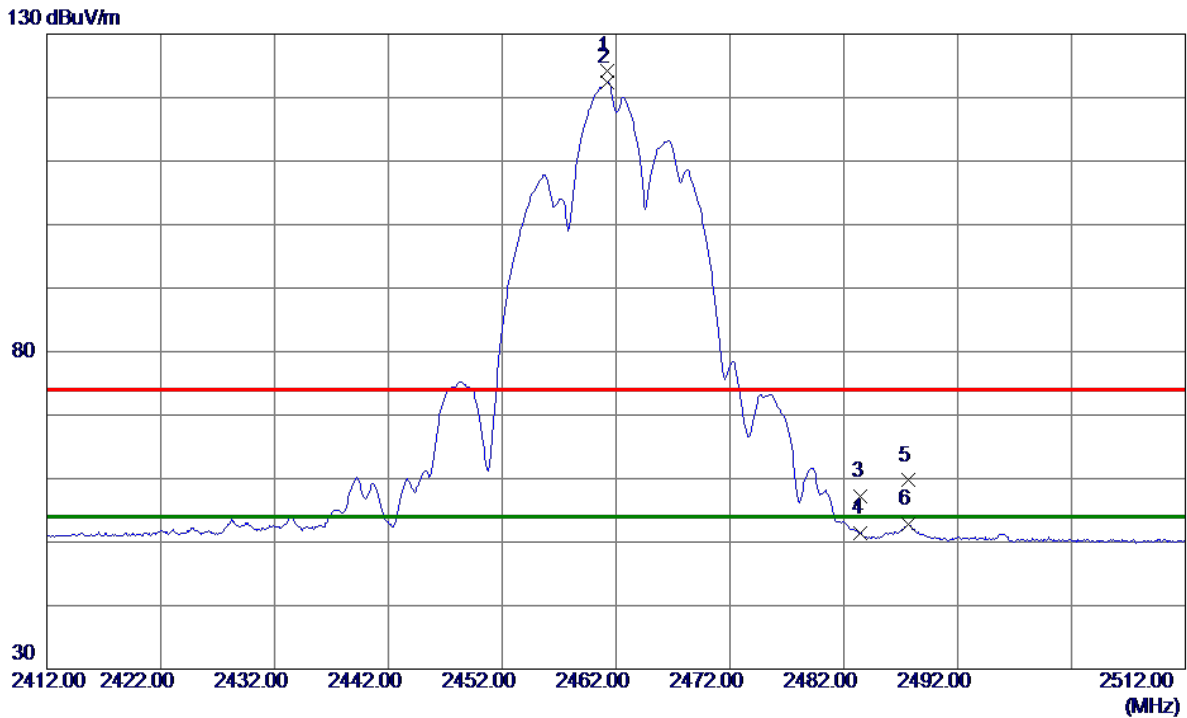


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4914.0000	40.85	4.07	44.92	74.00	-29.08	Peak	
2 *	4914.0000	36.79	4.07	40.86	54.00	-13.14	AVG	

REMARKS:

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------



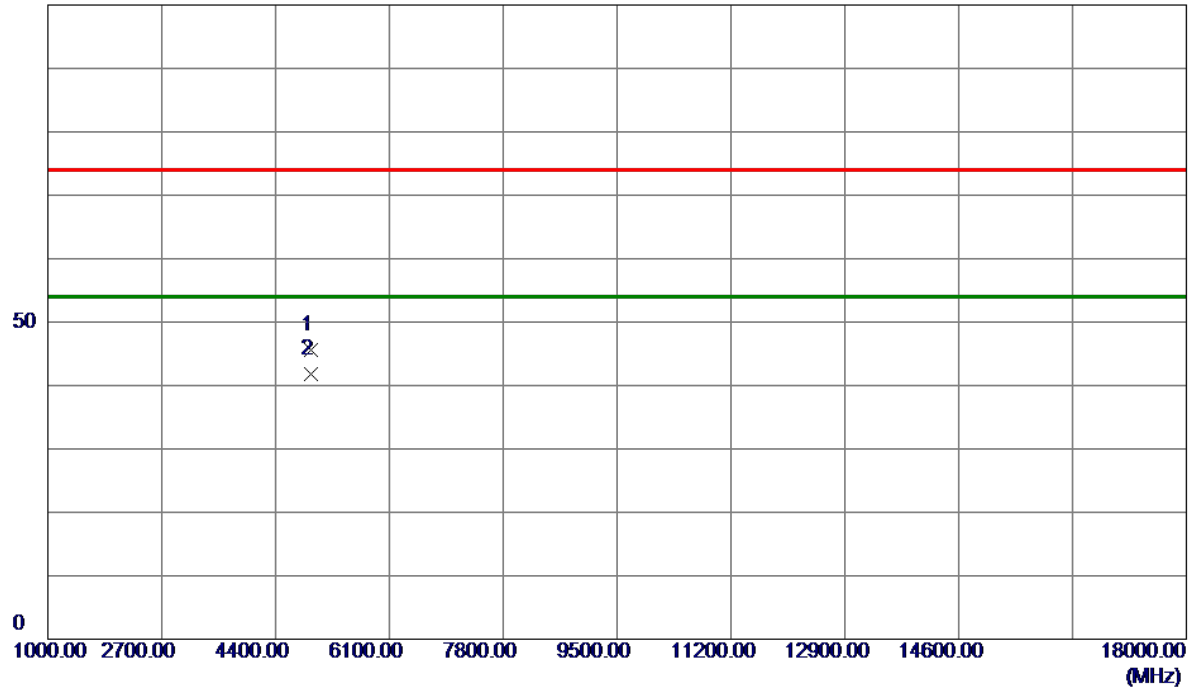
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2461.2000	117.13	7.16	124.29	74.00	50.29	Peak	No Limit
2 *	2461.2000	115.20	7.16	122.36	54.00	68.36	AVG	No Limit
3	2483.5000	49.97	7.23	57.20	74.00	-16.80	Peak	
4	2483.5000	44.13	7.23	51.36	54.00	-2.64	AVG	
5	2487.7000	52.46	7.24	59.70	74.00	-14.30	Peak	
6	2487.7000	45.64	7.24	52.88	54.00	-1.12	AVG	

REMARKS:

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

Test Mode	TX B Mode 2462 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



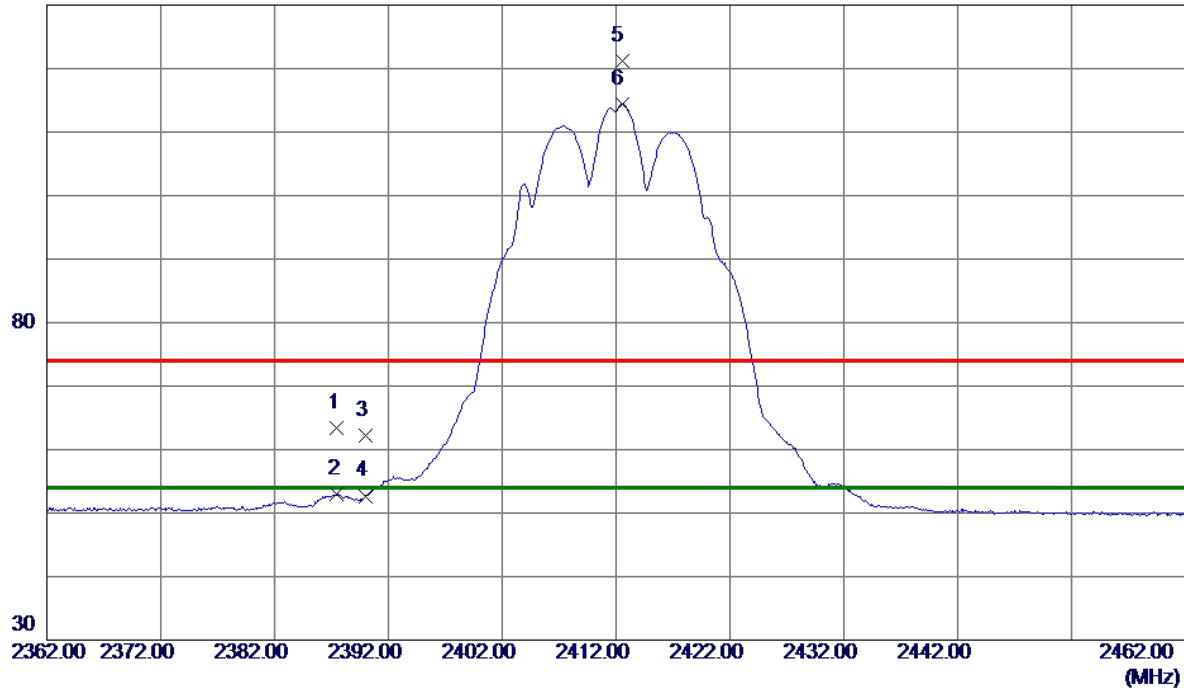
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.9400	41.47	4.10	45.57	74.00	-28.43	Peak	
2 *	4923.9800	37.67	4.10	41.77	54.00	-12.23	AVG	

REMARKS:

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

Test Mode	TX G Mode 2412 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

130 dBuV/m



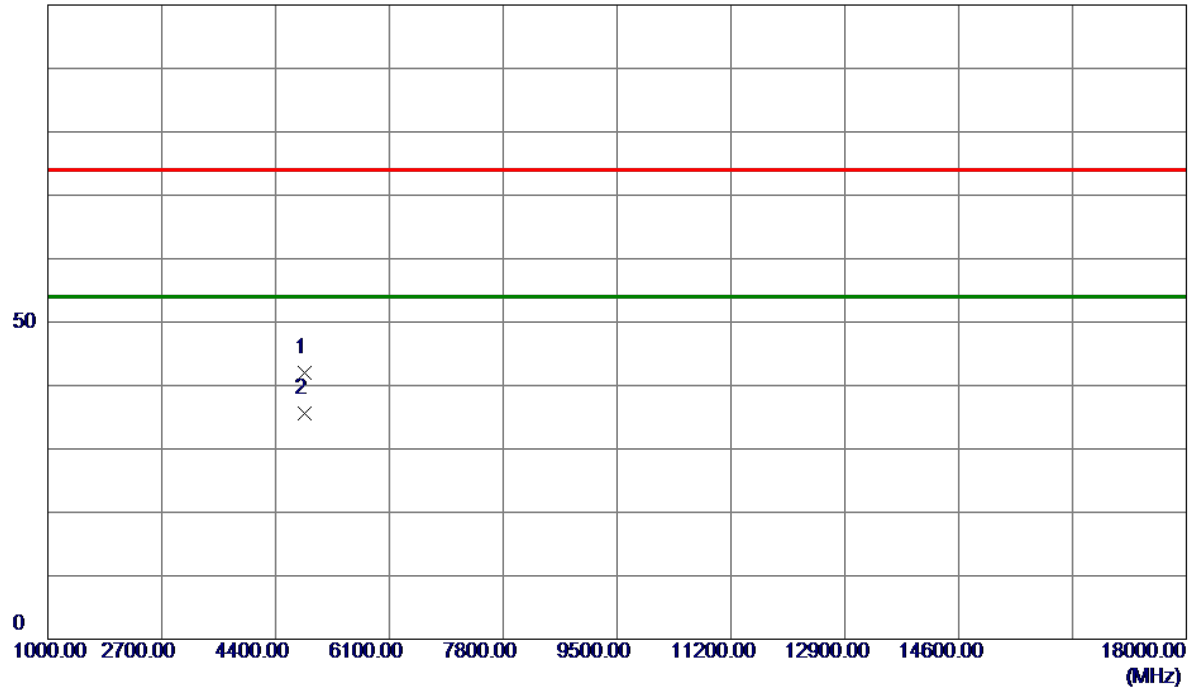
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2387.5000	56.40	6.93	63.33	74.00	-10.67	Peak	
2	2387.5000	46.04	6.93	52.97	54.00	-1.03	AVG	
3	2390.0000	55.29	6.93	62.22	74.00	-11.78	Peak	
4	2390.0000	45.77	6.93	52.70	54.00	-1.30	AVG	
5	2412.5000	114.24	7.01	121.25	74.00	47.25	Peak	No Limit
6 *	2412.5000	107.40	7.01	114.41	54.00	60.41	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	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



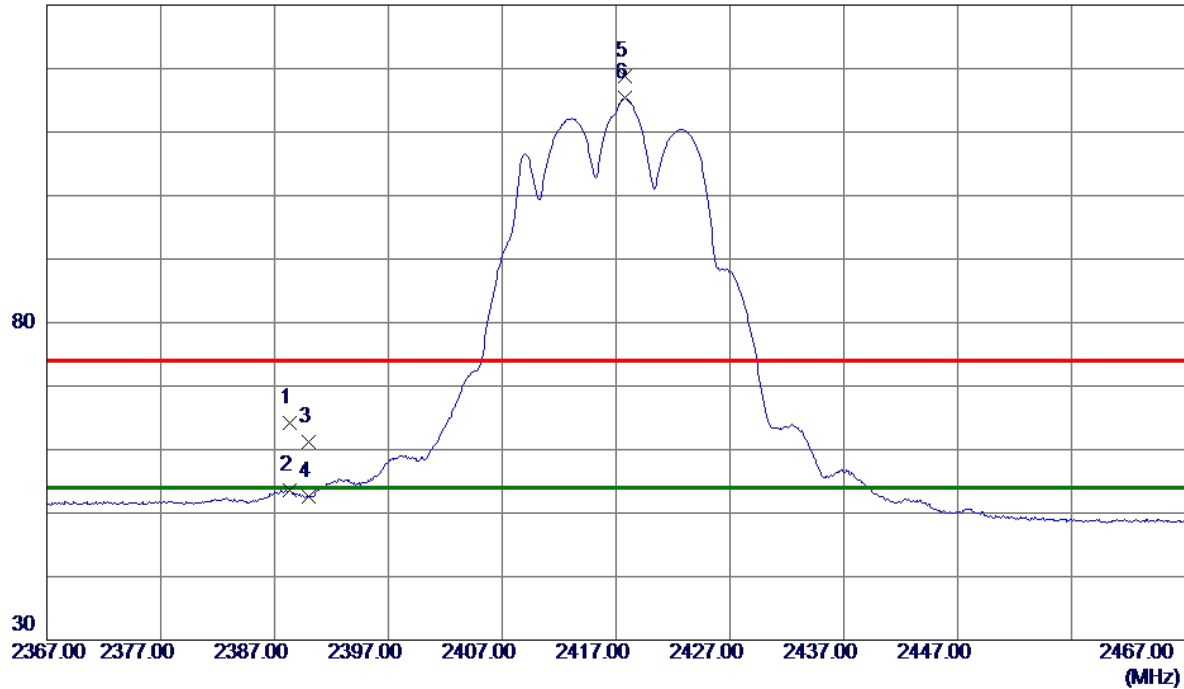
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4843.7000	38.16	3.88	42.04	74.00	-31.96	Peak	
2 *	4843.8500	31.75	3.88	35.63	54.00	-18.37	AVG	

REMARKS:

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

Test Mode	TX G Mode 2417 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

130 dBuV/m



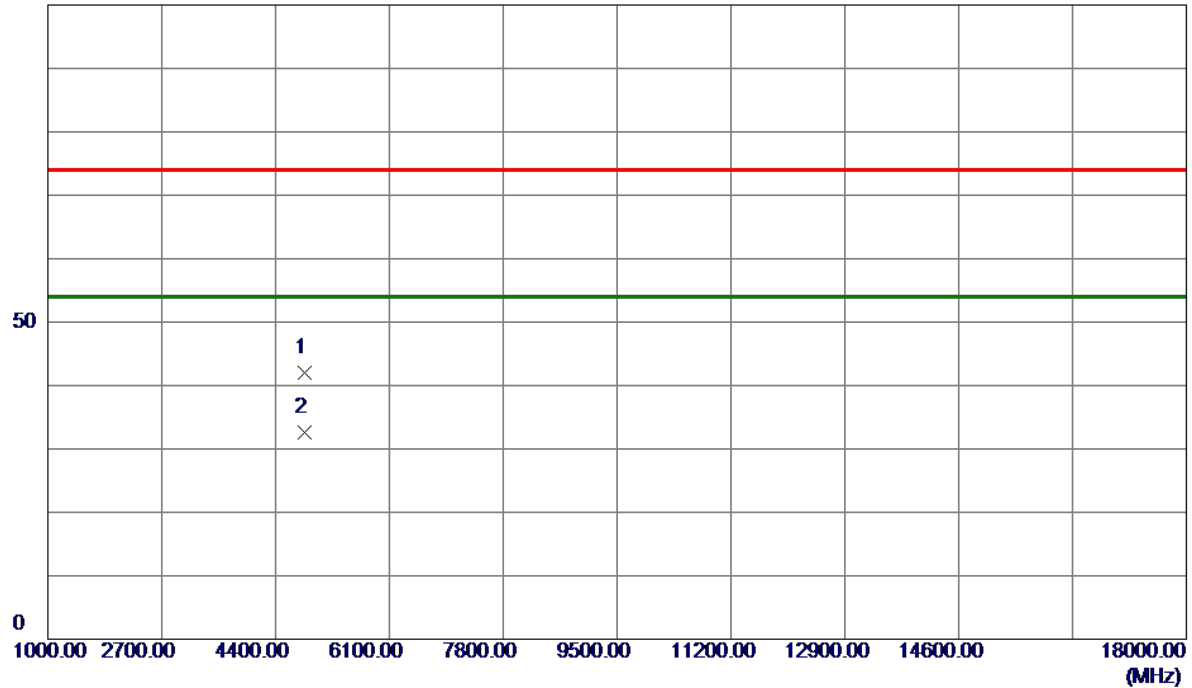
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2388.3000	57.35	6.93	64.28	74.00	-9.72	Peak	
2	2388.3000	46.64	6.93	53.57	54.00	-0.43	AVG	
3	2390.0000	54.29	6.93	61.22	74.00	-12.78	Peak	
4	2390.0000	45.66	6.93	52.59	54.00	-1.41	AVG	
5	2417.8000	111.68	7.02	118.70	74.00	44.70	Peak	No Limit
6 *	2417.8000	108.29	7.02	115.31	54.00	61.31	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	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



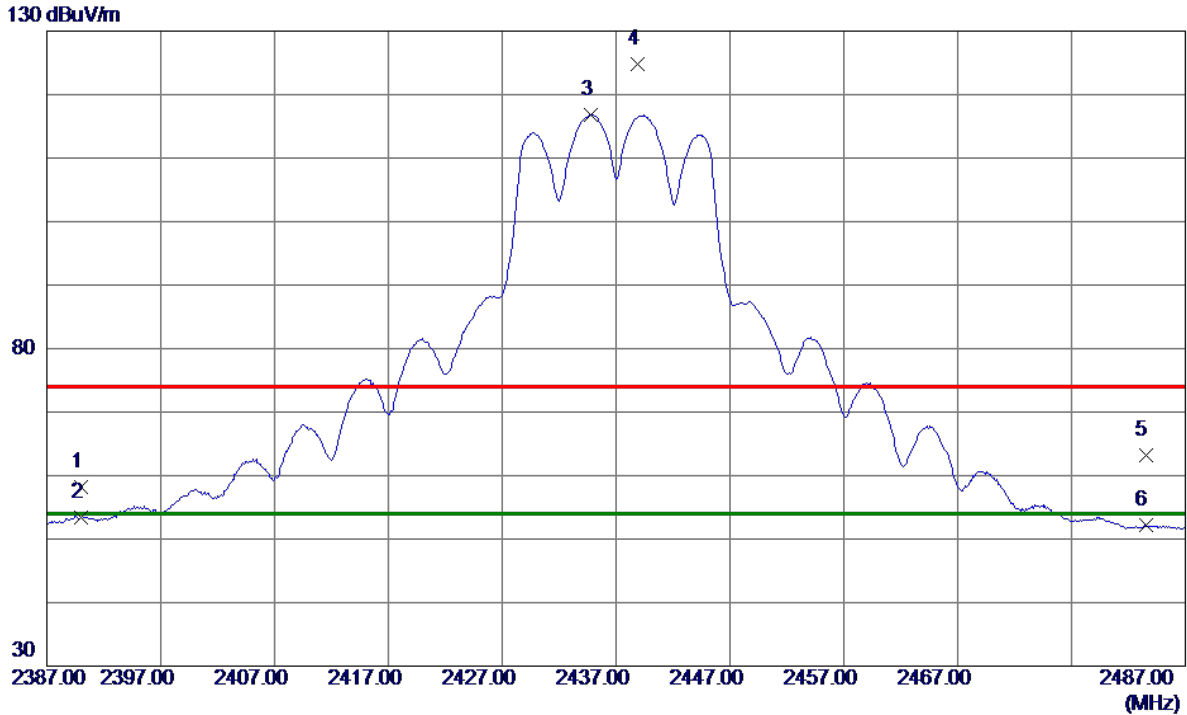
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4828.7200	38.09	3.84	41.93	74.00	-32.07	Peak	
2 *	4834.0000	28.78	3.86	32.64	54.00	-21.36	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX G Mode 2437 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------



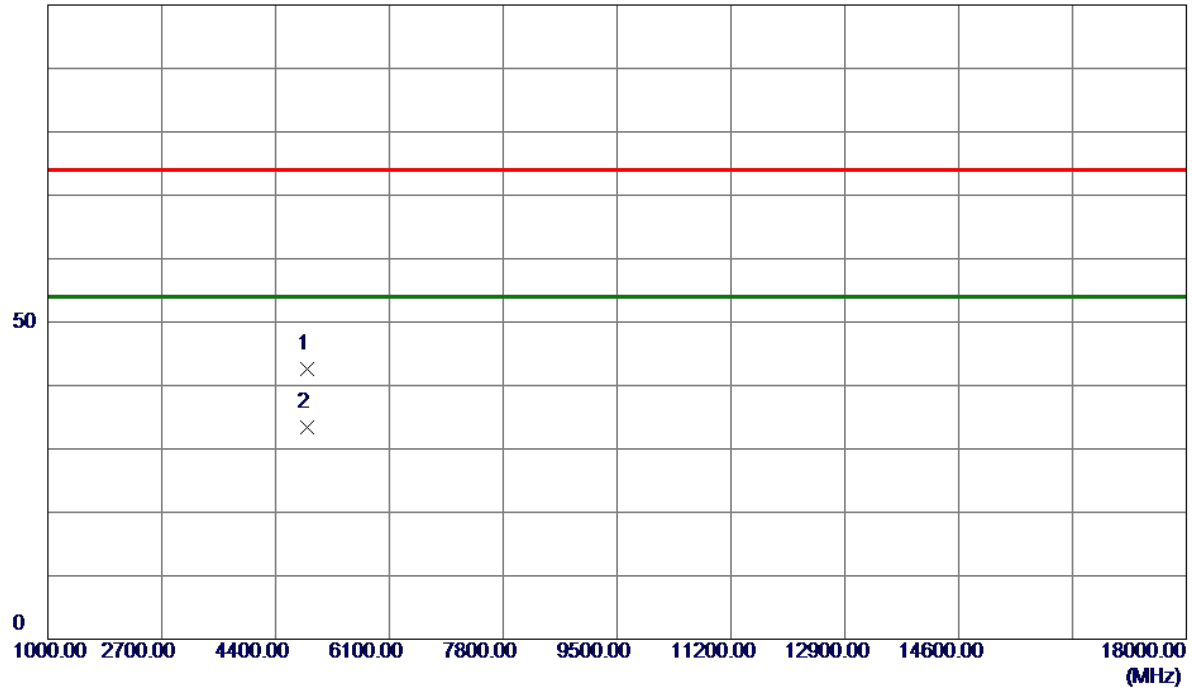
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	51.25	6.93	58.18	74.00	-15.82	Peak	
2	2390.0000	46.44	6.93	53.37	54.00	-0.63	AVG	
3 *	2434.8000	109.73	7.08	116.81	54.00	62.81	AVG	No Limit
4	2438.9000	117.75	7.09	124.84	74.00	50.84	Peak	No Limit
5	2483.5000	55.90	7.23	63.13	74.00	-10.87	Peak	
6	2483.5000	45.02	7.23	52.25	54.00	-1.75	AVG	

REMARKS:

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

Test Mode	TX G Mode 2437 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4868.5000	38.73	3.95	42.68	74.00	-31.32	Peak	
2 *	4874.0500	29.45	3.96	33.41	54.00	-20.59	AVG	

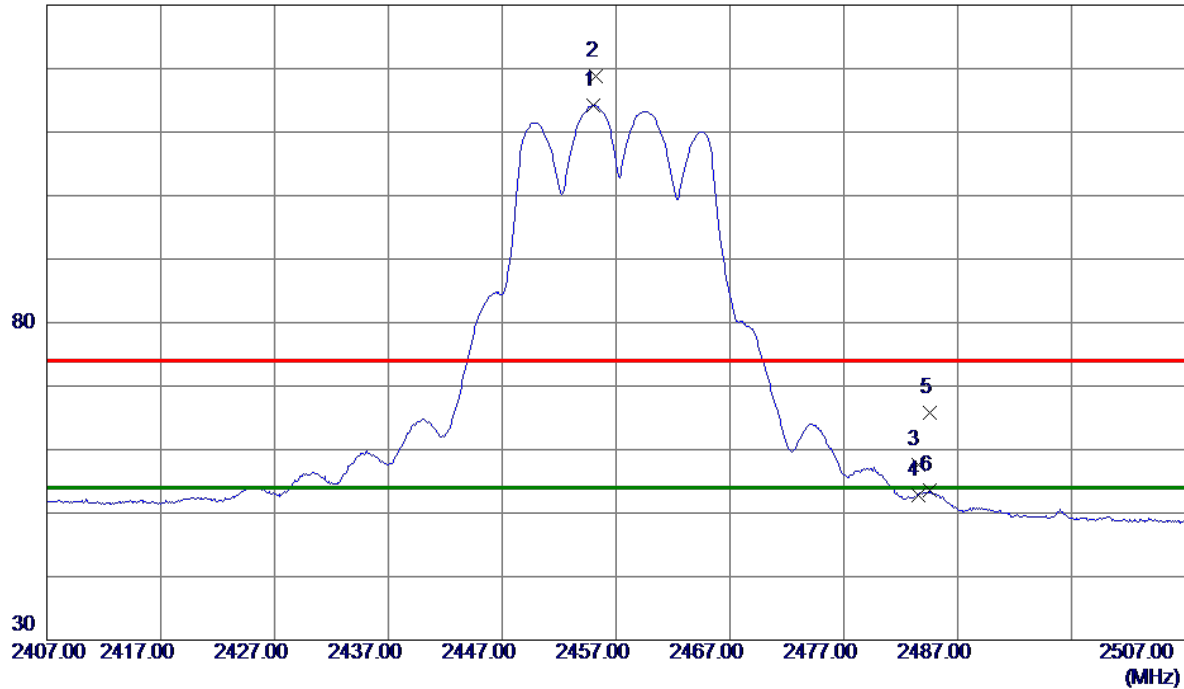
REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX G Mode 2457 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

130 dBuV/m



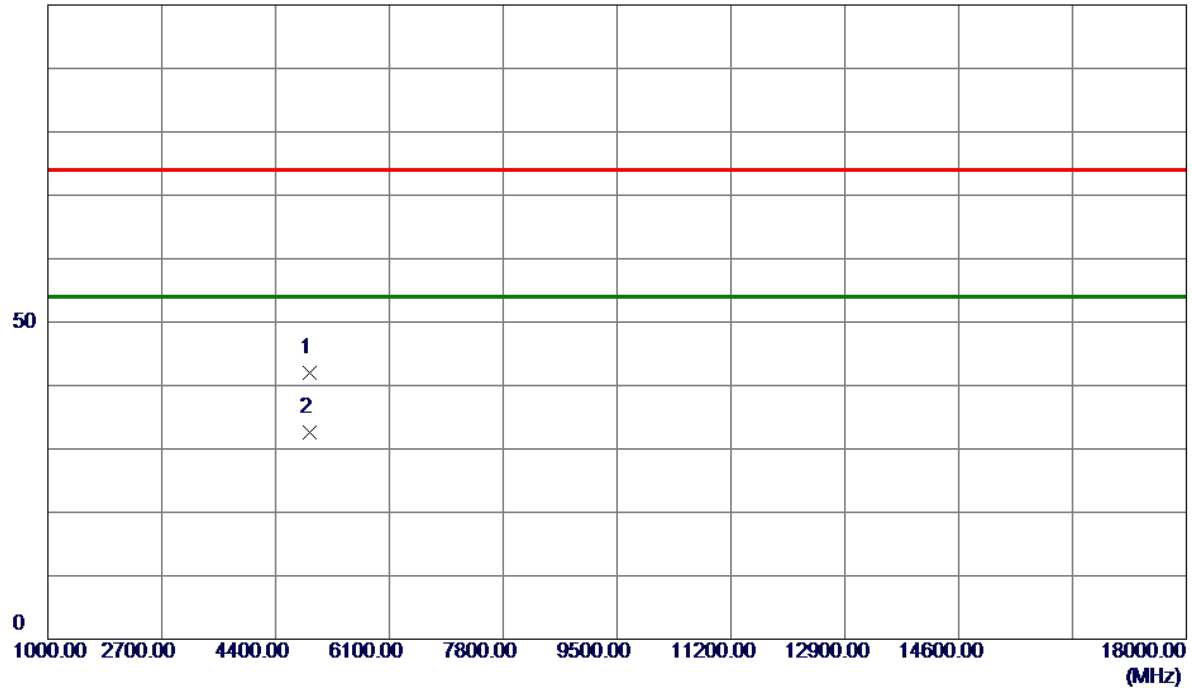
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2455.0000	107.03	7.14	114.17	54.00	60.17	AVG	No Limit
2	2455.2000	111.73	7.14	118.87	74.00	44.87	Peak	No Limit
3	2483.5000	50.29	7.23	57.52	74.00	-16.48	Peak	
4	2483.5000	45.61	7.23	52.84	54.00	-1.16	AVG	
5	2484.6000	58.55	7.23	65.78	74.00	-8.22	Peak	
6	2484.6000	46.37	7.23	53.60	54.00	-0.40	AVG	

REMARKS:

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

Test Mode	TX G Mode 2457 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m

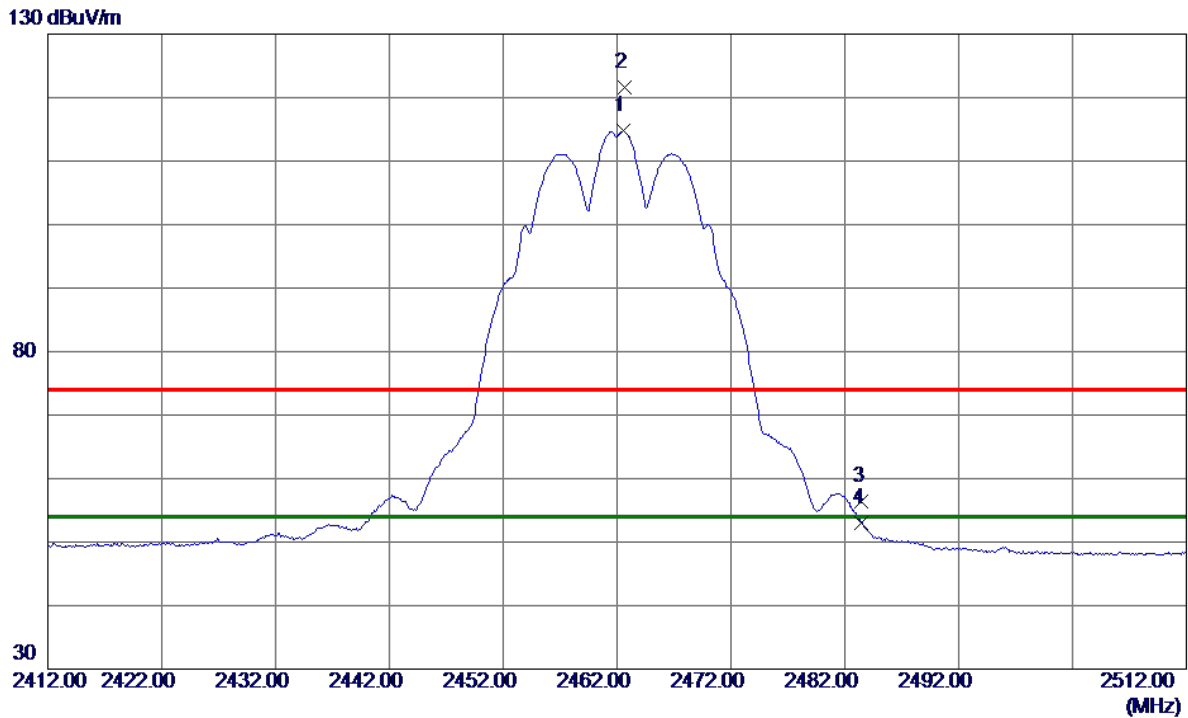


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4914.0000	37.94	4.07	42.01	74.00	-31.99	Peak	
2 *	4914.0000	28.51	4.07	32.58	54.00	-21.42	AVG	

REMARKS:

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

Test Mode	TX G Mode 2462 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------



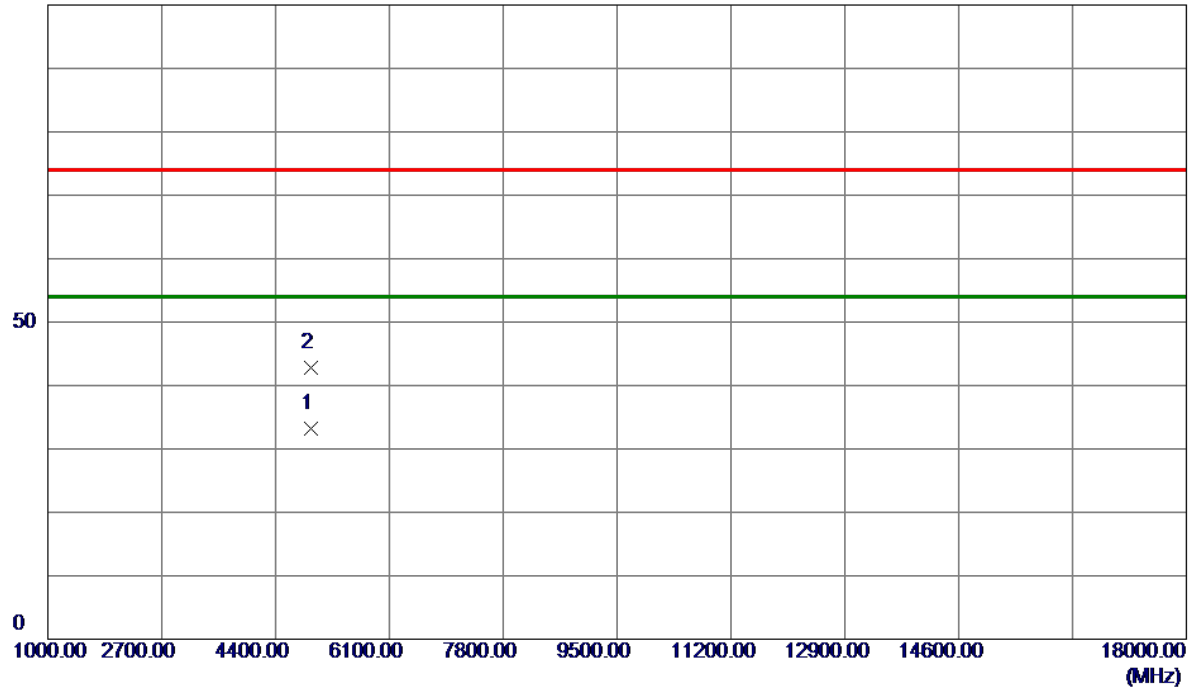
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2462.6000	107.55	7.16	114.71	54.00	60.71	AVG	No Limit
2	2462.7000	114.38	7.16	121.54	74.00	47.54	Peak	No Limit
3	2483.5000	49.14	7.23	56.37	74.00	-17.63	Peak	
4	2483.5000	45.79	7.23	53.02	54.00	-0.98	AVG	

REMARKS:

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

Test Mode	TX G Mode 2462 MHz	Polarization	Vertical
-----------	--------------------	--------------	----------

100 dBuV/m



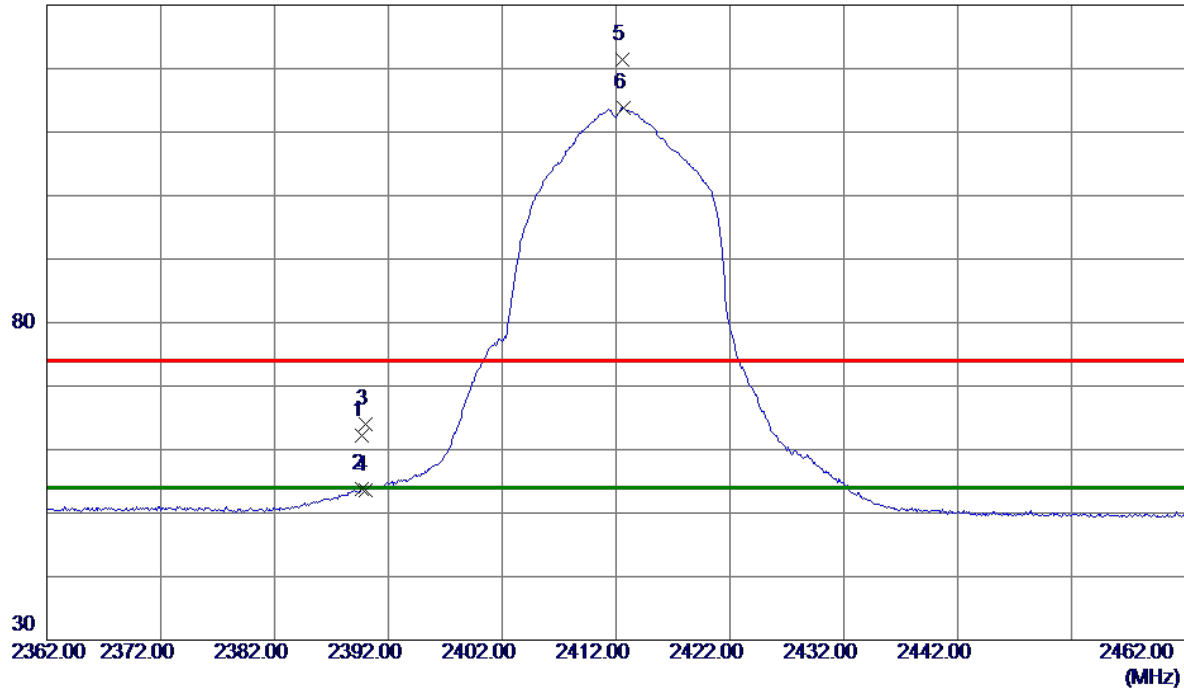
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4920.8000	29.10	4.09	33.19	54.00	-20.81	AVG	
2	4925.0500	38.70	4.10	42.80	74.00	-31.20	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



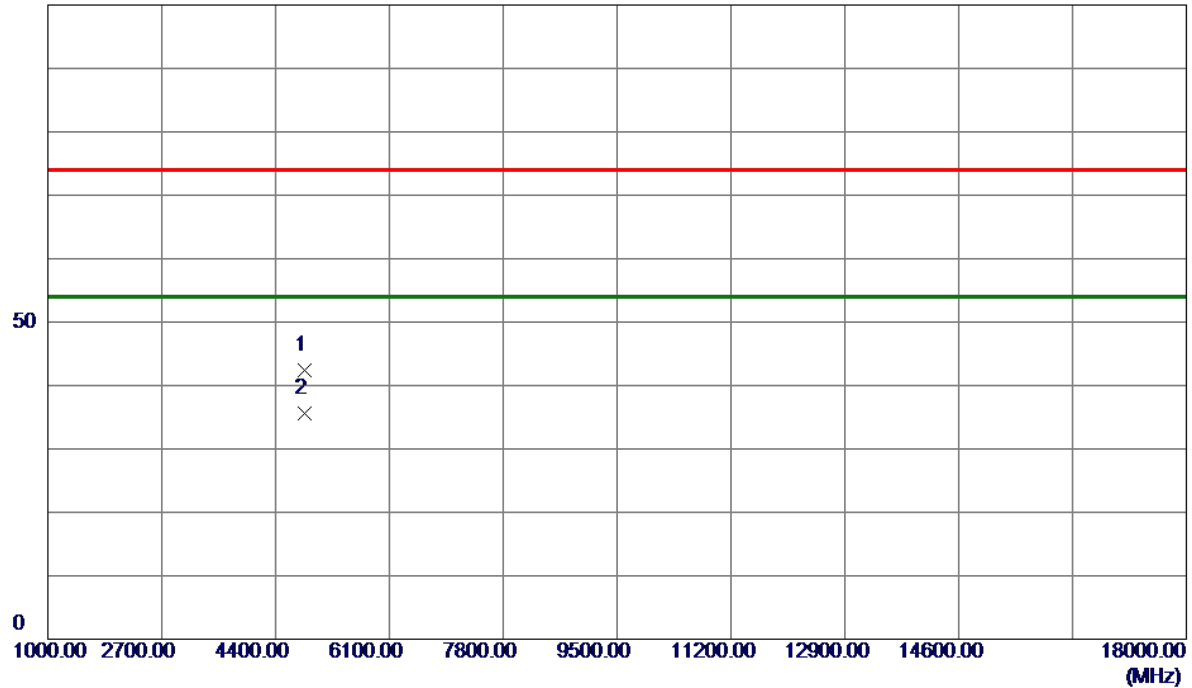
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2389.7000	55.27	6.93	62.20	74.00	-11.80	Peak	
2	2389.7000	46.95	6.93	53.88	54.00	-0.12	AVG	
3	2390.0000	57.07	6.93	64.00	74.00	-10.00	Peak	
4	2390.0000	46.72	6.93	53.65	54.00	-0.35	AVG	
5	2412.6000	114.37	7.01	121.38	74.00	47.38	Peak	No Limit
6 *	2412.7000	106.87	7.01	113.88	54.00	59.88	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT20) Mode 2412 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



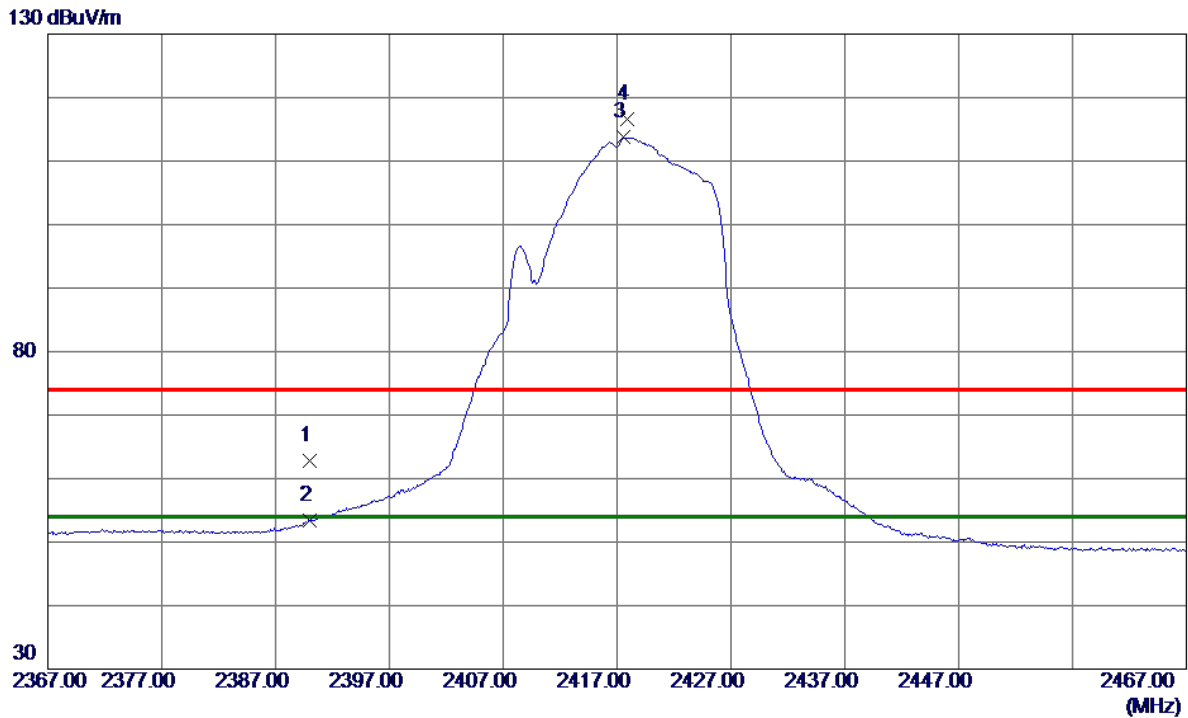
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4843.7000	38.45	3.88	42.33	74.00	-31.67	Peak	
2 *	4843.8500	31.73	3.88	35.61	54.00	-18.39	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------



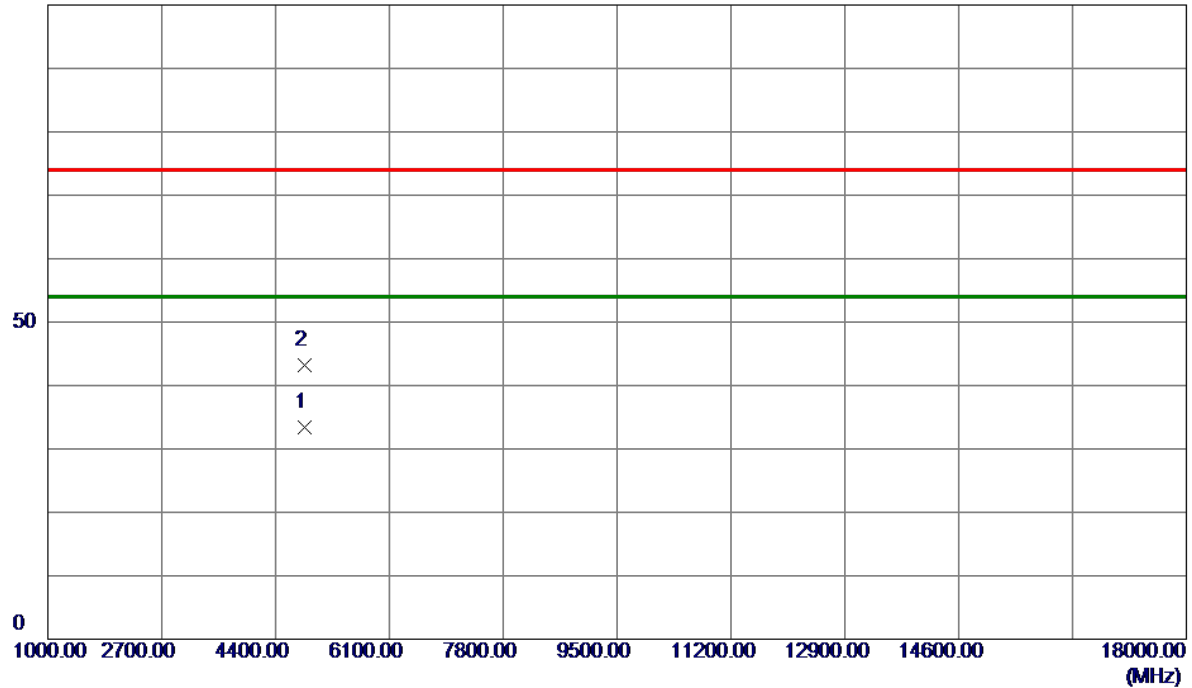
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.81	6.93	62.74	74.00	-11.26	Peak	
2	2390.0000	46.40	6.93	53.33	54.00	-0.67	AVG	
3 *	2417.6000	106.68	7.02	113.70	54.00	59.70	AVG	No Limit
4	2417.9000	109.57	7.02	116.59	74.00	42.59	Peak	No Limit

REMARKS:

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

Test Mode	TX N(HT20) Mode 2417 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



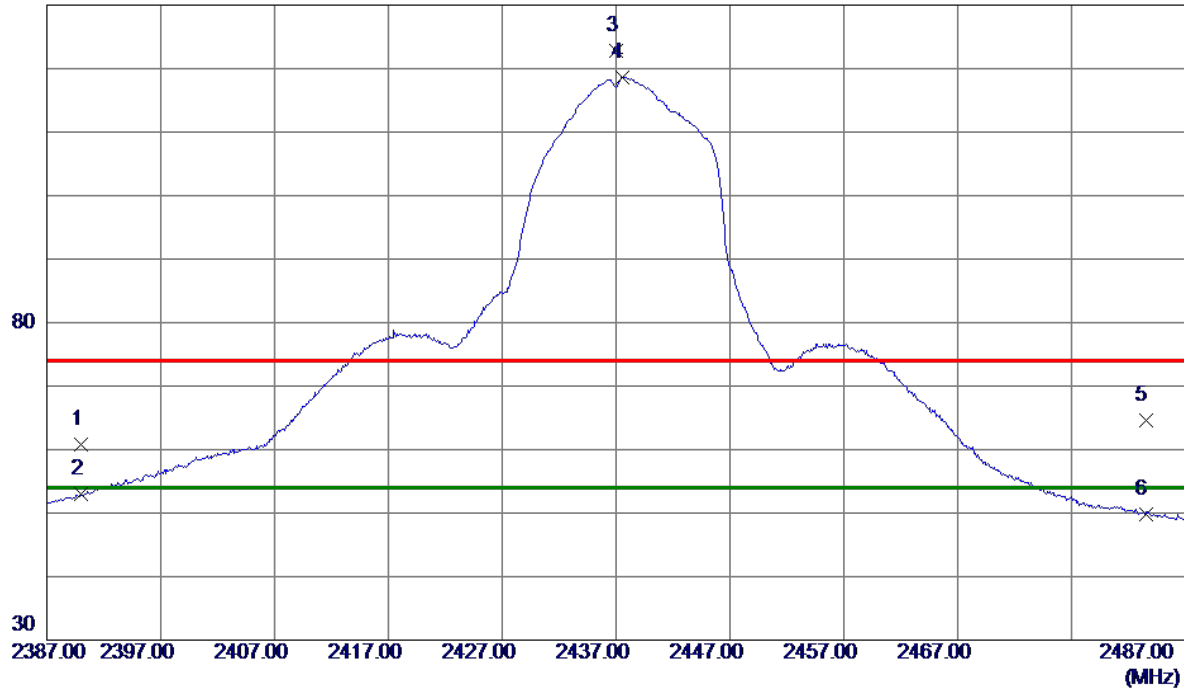
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4833.5200	29.47	3.86	33.33	54.00	-20.67	AVG	
2	4834.2700	39.33	3.86	43.19	74.00	-30.81	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



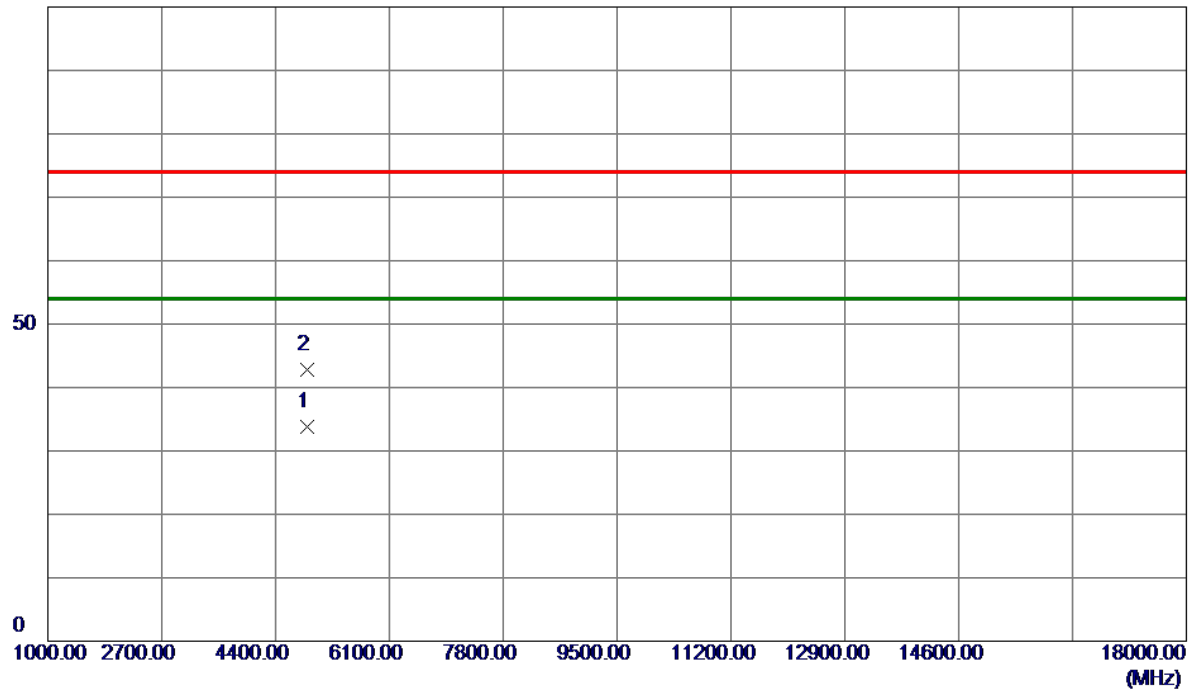
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	53.96	6.93	60.89	74.00	-13.11	Peak	
2	2390.0000	46.00	6.93	52.93	54.00	-1.07	AVG	
3	2437.0000	115.75	7.08	122.83	74.00	48.83	Peak	No Limit
4 *	2437.5000	111.59	7.08	118.67	54.00	64.67	AVG	No Limit
5	2483.5000	57.39	7.23	64.62	74.00	-9.38	Peak	
6	2483.5000	42.57	7.23	49.80	54.00	-4.20	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



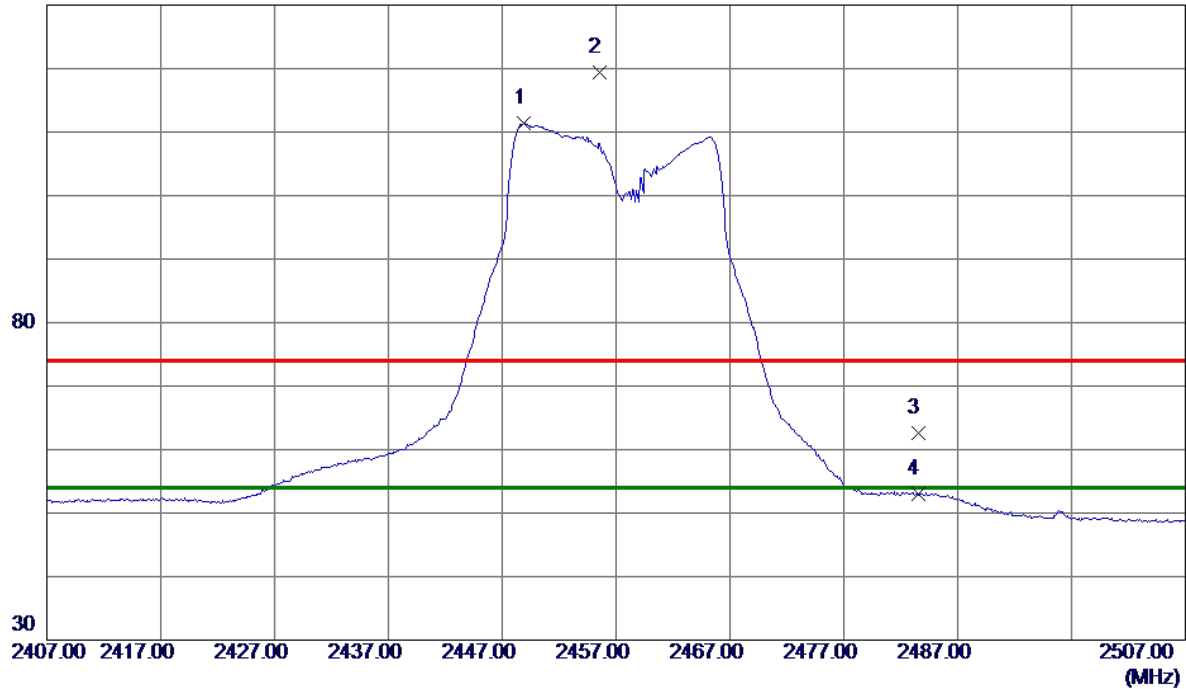
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4873.6000	29.87	3.96	33.83	54.00	-20.17	AVG	
2	4874.2000	38.91	3.97	42.88	74.00	-31.12	Peak	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



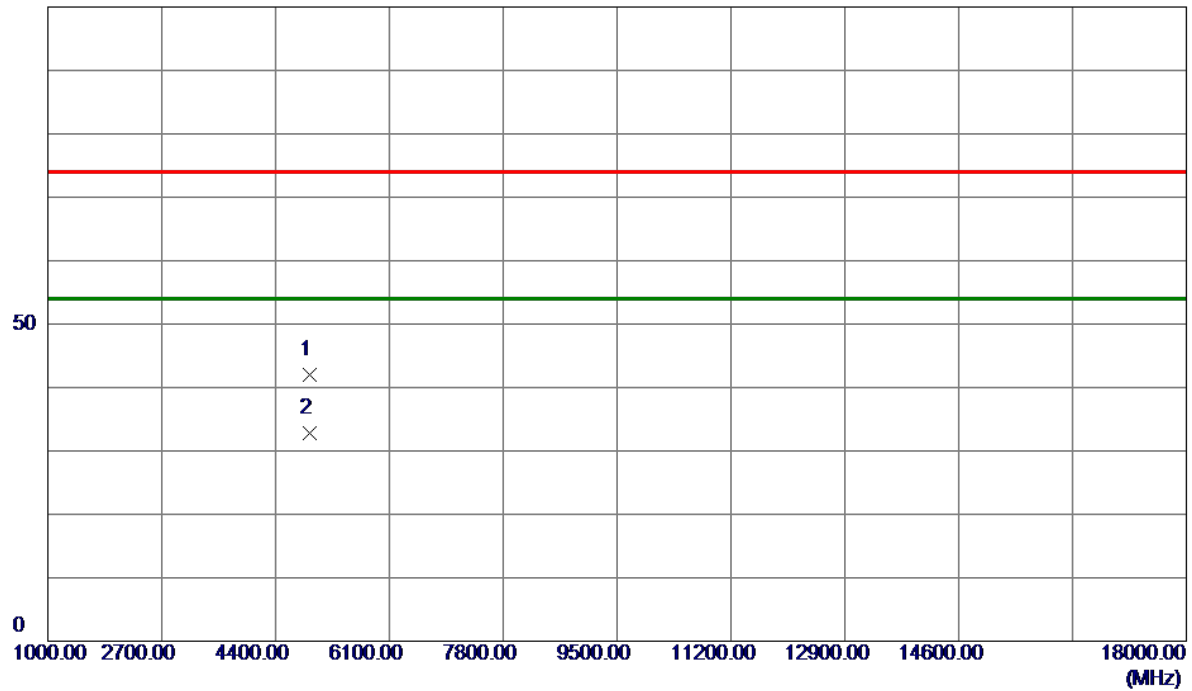
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2448.9000	104.28	7.12	111.40	54.00	57.40	AVG	No Limit
2	2455.5000	112.31	7.14	119.45	74.00	45.45	Peak	No Limit
3	2483.5000	55.34	7.23	62.57	74.00	-11.43	Peak	
4	2483.5000	45.69	7.23	52.92	54.00	-1.08	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2457 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



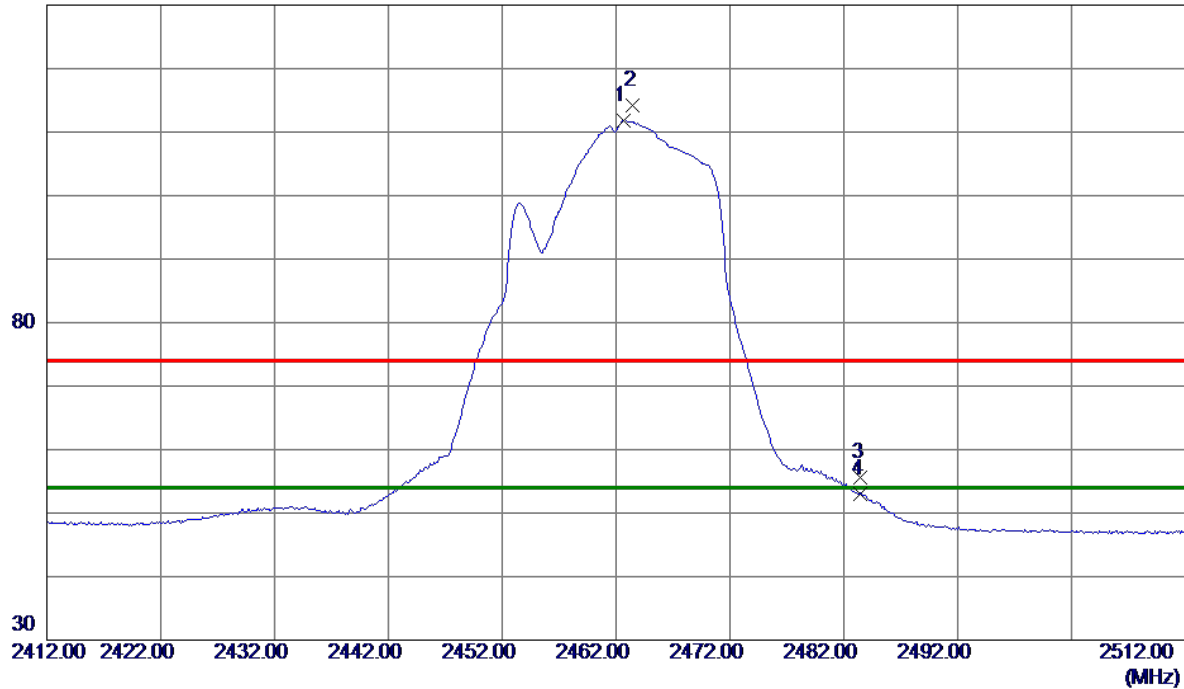
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4914.0000	37.88	4.07	41.95	74.00	-32.05	Peak	
2 *	4914.0000	28.80	4.07	32.87	54.00	-21.13	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



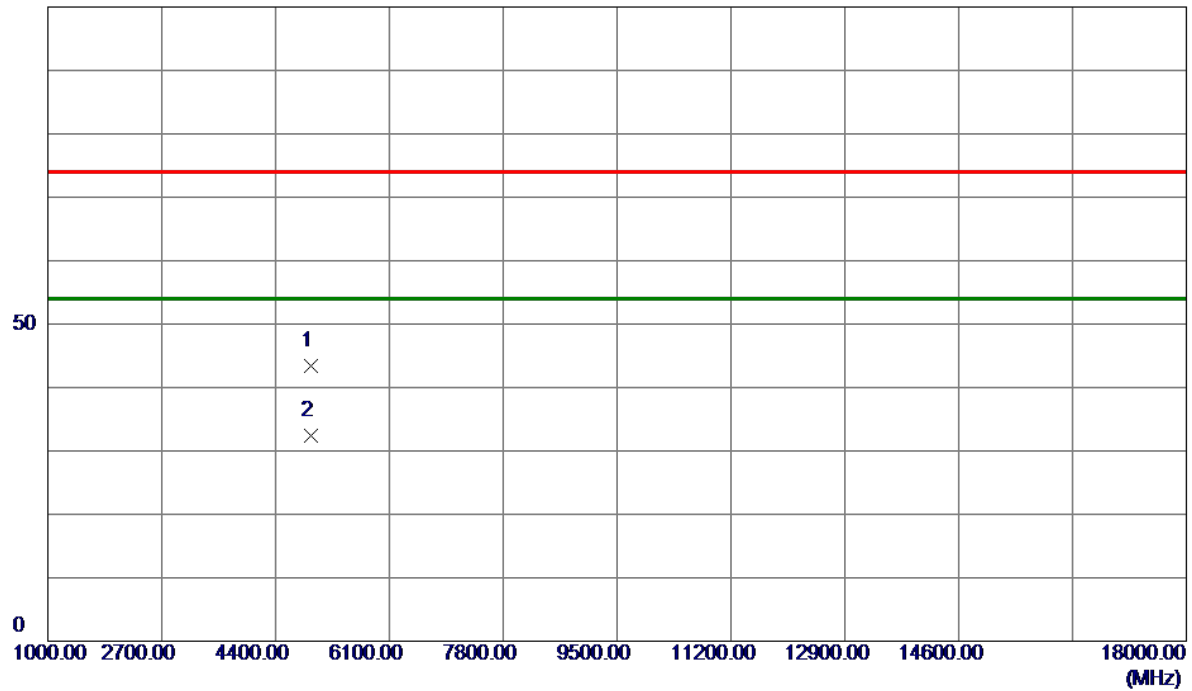
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2462.7000	104.66	7.16	111.82	54.00	57.82	AVG	No Limit
2	2463.5000	107.11	7.17	114.28	74.00	40.28	Peak	No Limit
3	2483.5000	48.43	7.23	55.66	74.00	-18.34	Peak	
4	2483.5000	45.77	7.23	53.00	54.00	-1.00	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2462 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



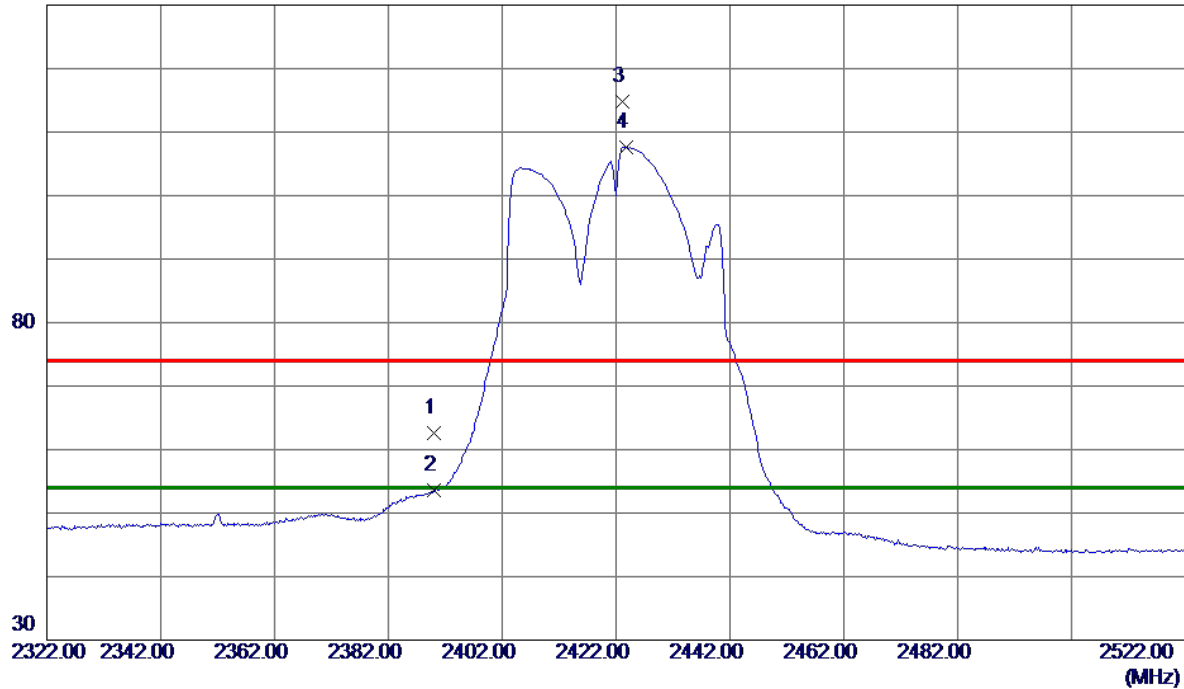
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4923.0500	39.33	4.10	43.43	74.00	-30.57	Peak	
2 *	4926.6500	28.34	4.10	32.44	54.00	-21.56	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



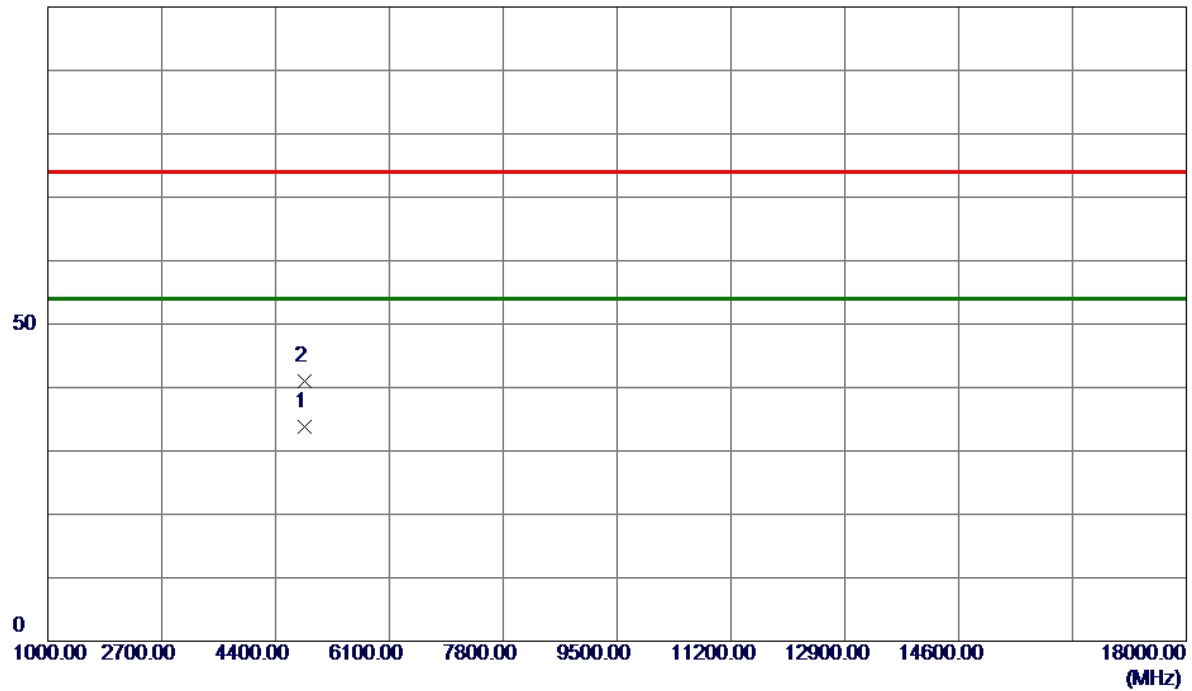
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	55.70	6.93	62.63	74.00	-11.37	Peak	
2	2390.0000	46.70	6.93	53.63	54.00	-0.37	AVG	
3	2423.2000	107.69	7.04	114.73	74.00	40.73	Peak	No Limit
4 *	2423.8000	100.64	7.04	107.68	54.00	53.68	AVG	No Limit

REMARKS:

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

Test Mode	TX N(HT40) Mode 2422 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



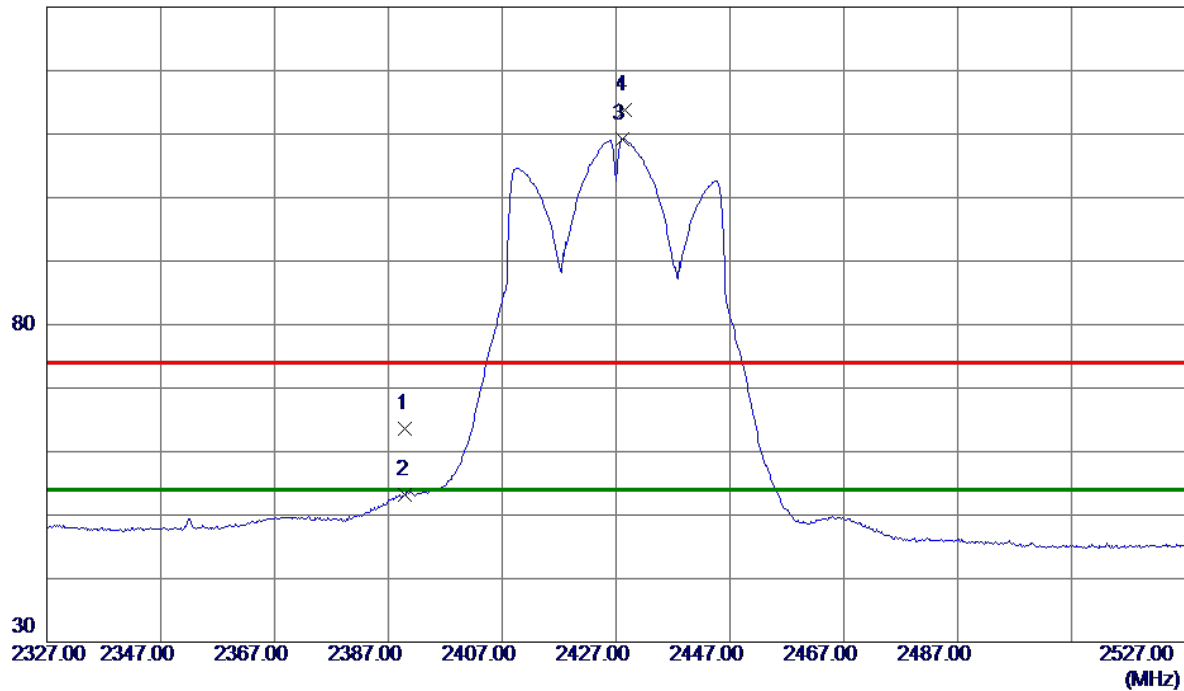
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4843.8400	29.98	3.88	33.86	54.00	-20.14	AVG	
2	4843.8600	37.20	3.88	41.08	74.00	-32.92	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



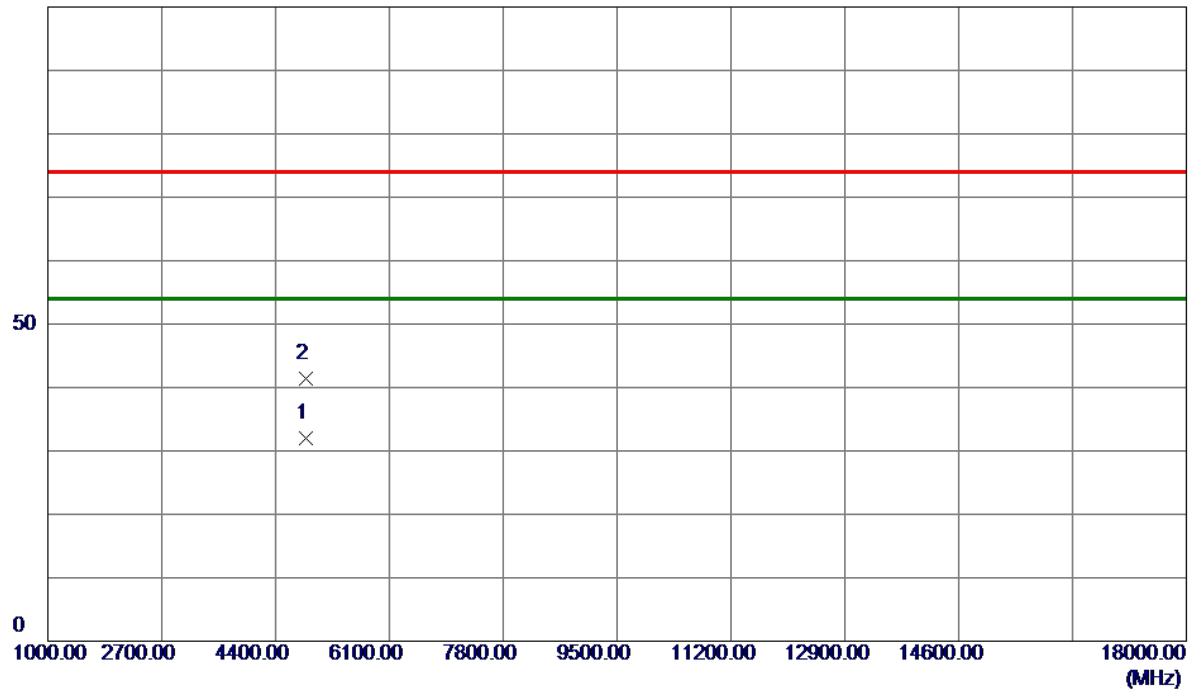
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2390.0000	56.61	6.93	63.54	74.00	-10.46	Peak	
2	2390.0000	46.18	6.93	53.11	54.00	-0.89	AVG	
3 *	2428.2000	102.20	7.05	109.25	54.00	55.25	AVG	No Limit
4	2428.6000	106.67	7.06	113.73	74.00	39.73	Peak	No Limit

REMARKS:

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

Test Mode	TX N(HT40) Mode 2427 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



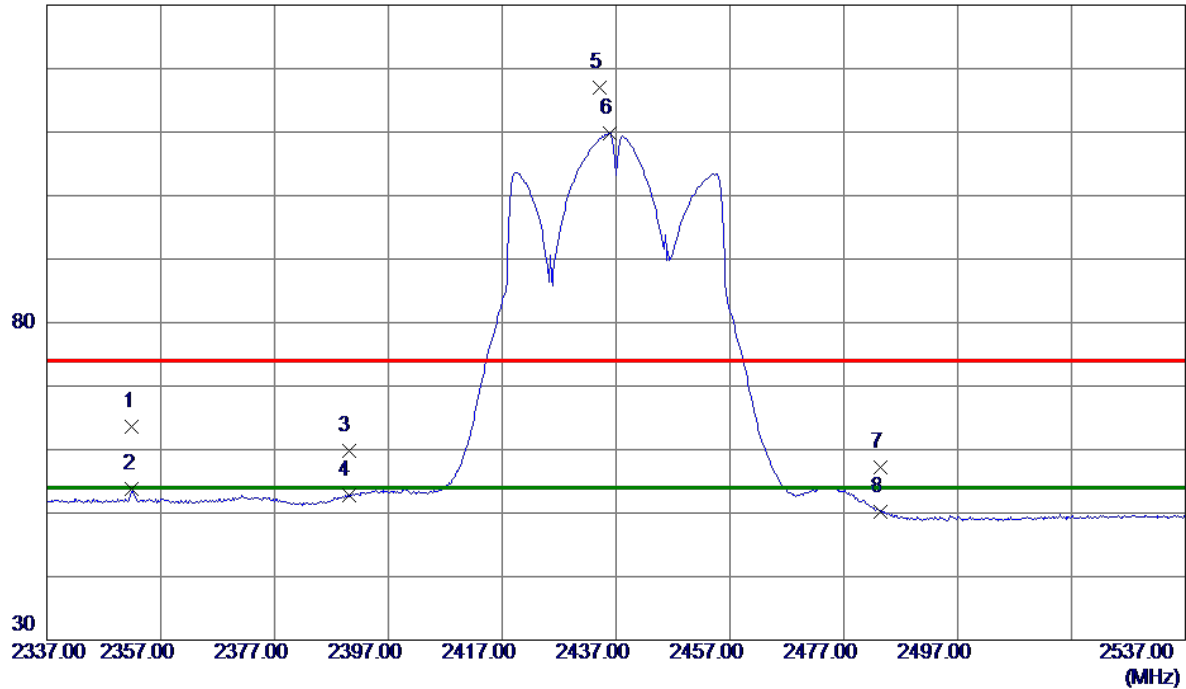
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4853.7700	28.01	3.91	31.92	54.00	-22.08	AVG	
2	4855.3500	37.42	3.92	41.34	74.00	-32.66	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



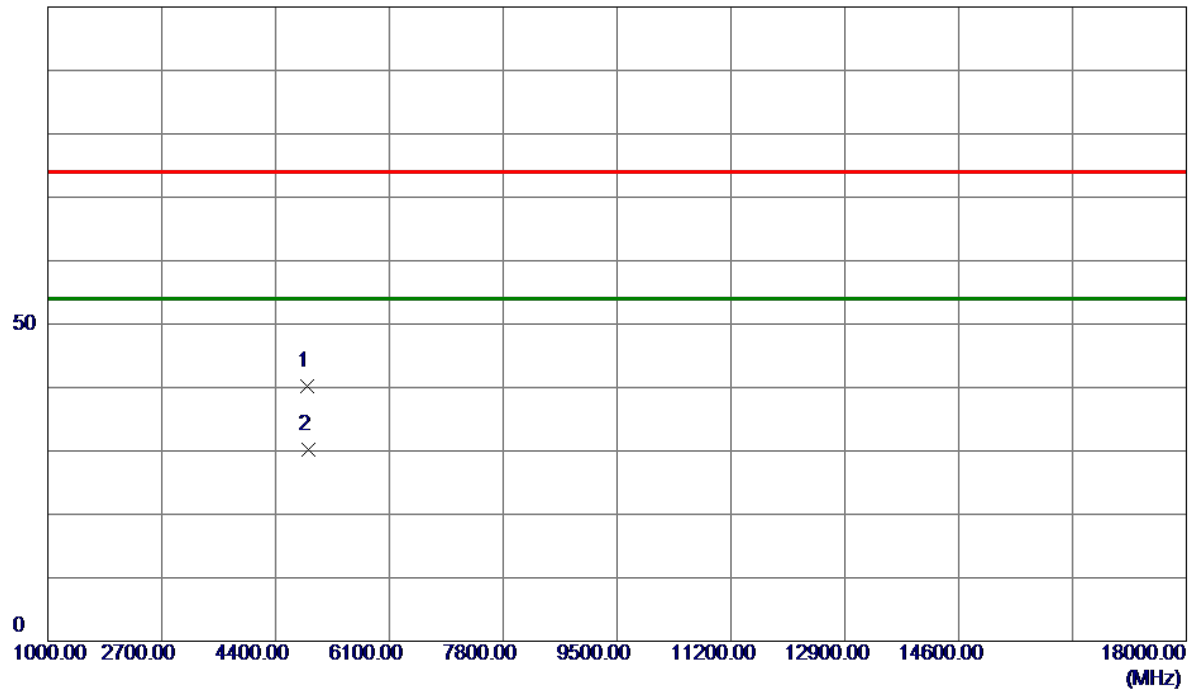
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2352.0000	56.73	6.82	63.55	74.00	-10.45	Peak	
2	2352.0000	46.93	6.82	53.75	54.00	-0.25	AVG	
3	2390.0000	52.95	6.93	59.88	74.00	-14.12	Peak	
4	2390.0000	45.92	6.93	52.85	54.00	-1.15	AVG	
5	2434.2000	109.93	7.07	117.00	74.00	43.00	Peak	No Limit
6 *	2435.8000	102.68	7.08	109.76	54.00	55.76	AVG	No Limit
7	2483.5000	49.99	7.23	57.22	74.00	-16.78	Peak	
8	2483.5000	42.97	7.23	50.20	54.00	-3.80	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2437 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



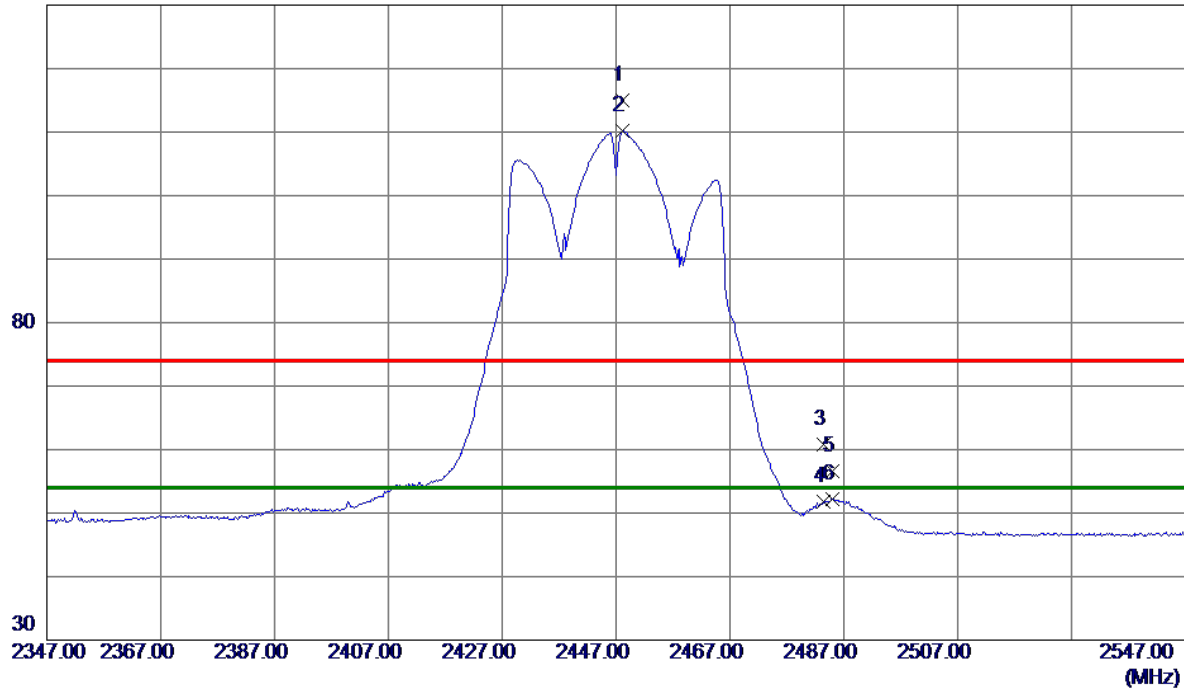
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4880.8800	36.30	3.98	40.28	74.00	-33.72	Peak	
2 *	4883.0600	26.24	3.99	30.23	54.00	-23.77	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



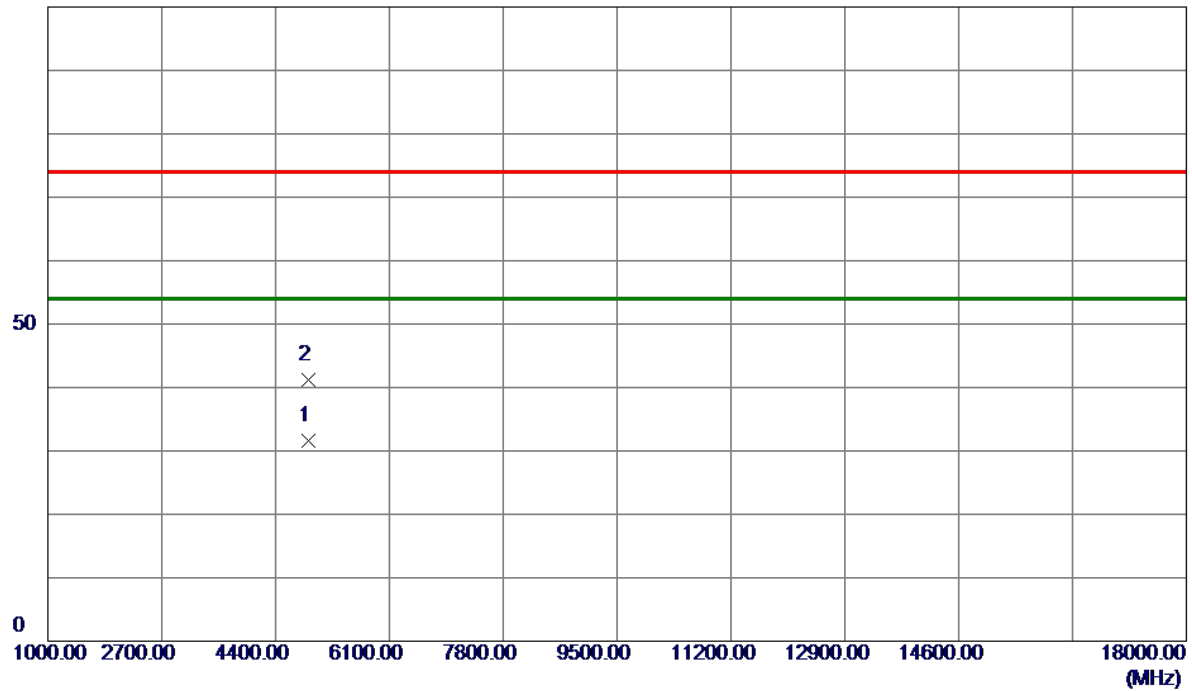
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	2448.2000	107.84	7.12	114.96	74.00	40.96	Peak	No Limit
2 *	2448.2000	103.08	7.12	110.20	54.00	56.20	AVG	No Limit
3	2483.5000	53.52	7.23	60.75	74.00	-13.25	Peak	
4	2483.5000	44.49	7.23	51.72	54.00	-2.28	AVG	
5	2485.0000	49.43	7.23	56.66	74.00	-17.34	Peak	
6	2485.0000	45.04	7.23	52.27	54.00	-1.73	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2447 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m



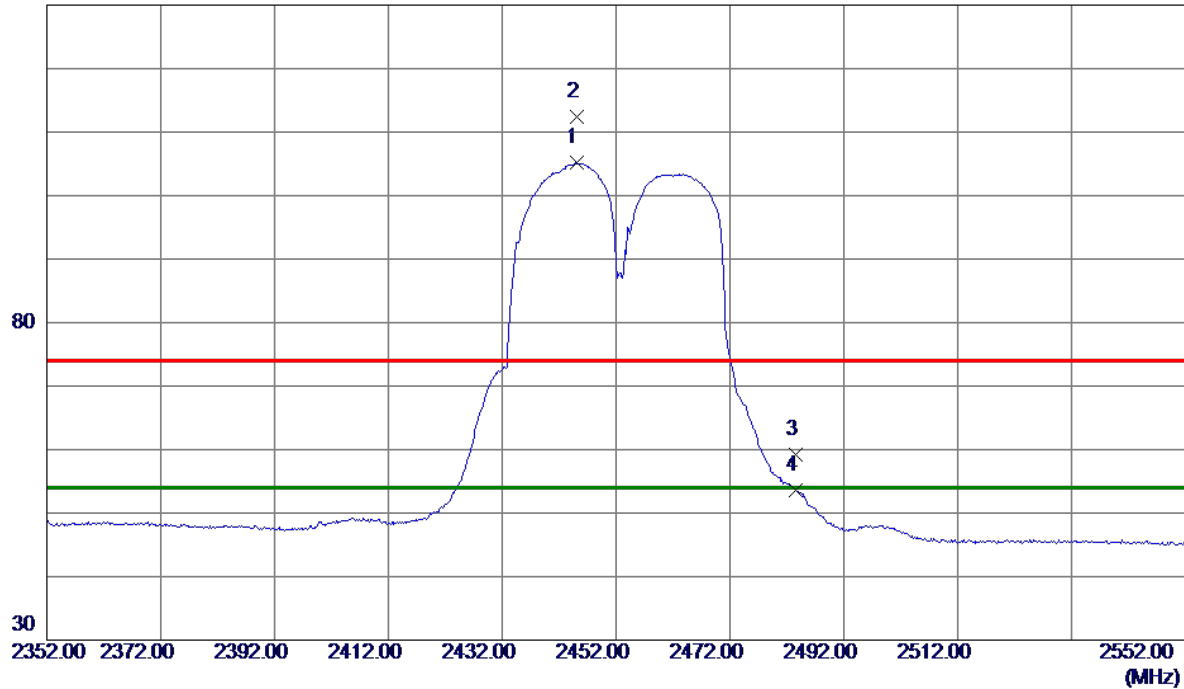
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	4891.7799	27.66	4.01	31.67	54.00	-22.33	AVG	
2	4891.8000	37.20	4.01	41.21	74.00	-32.79	Peak	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

130 dBuV/m



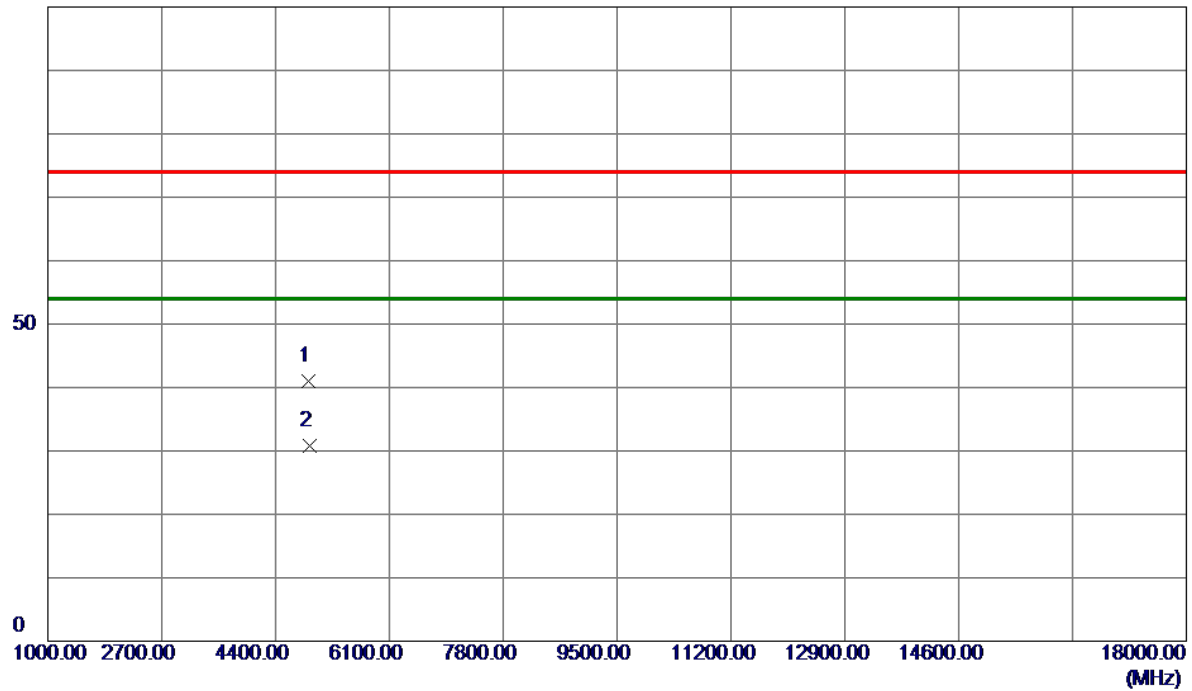
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	2445.0000	98.00	7.11	105.11	54.00	51.11	AVG	No Limit
2	2445.2000	105.36	7.11	112.47	74.00	38.47	Peak	No Limit
3	2483.5000	52.05	7.23	59.28	74.00	-14.72	Peak	
4	2483.5000	46.36	7.23	53.59	54.00	-0.41	AVG	

REMARKS:

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

Test Mode	TX N(HT40) Mode 2452 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

100 dBuV/m

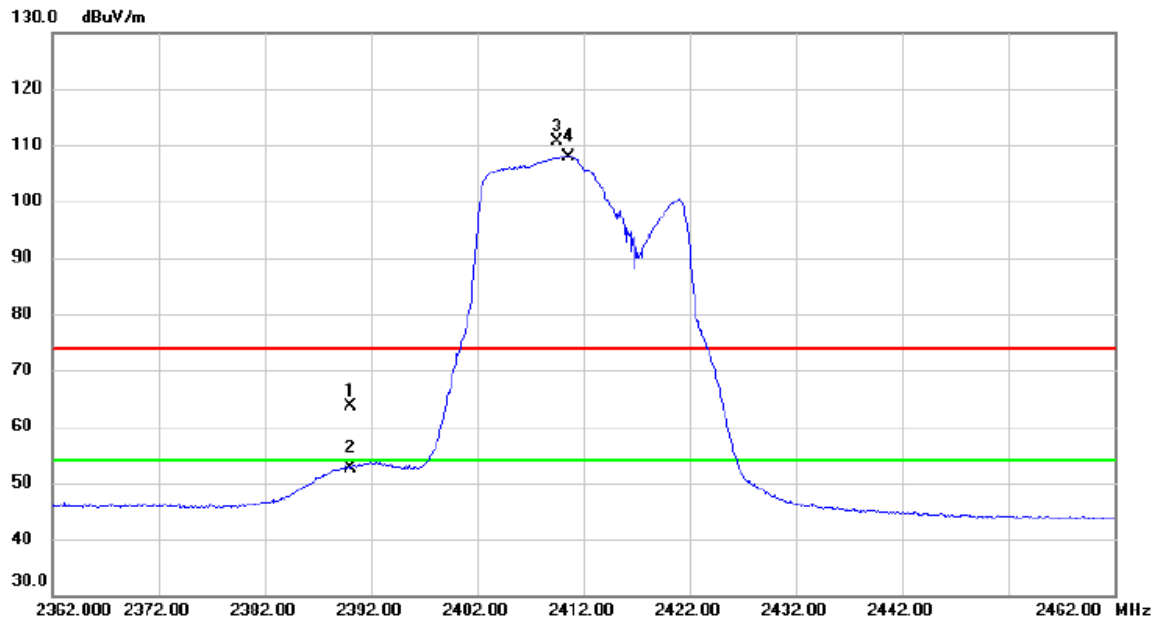


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	4894.5200	36.90	4.02	40.92	74.00	-33.08	Peak	
2 *	4913.9200	26.77	4.07	30.84	54.00	-23.16	AVG	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2412 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

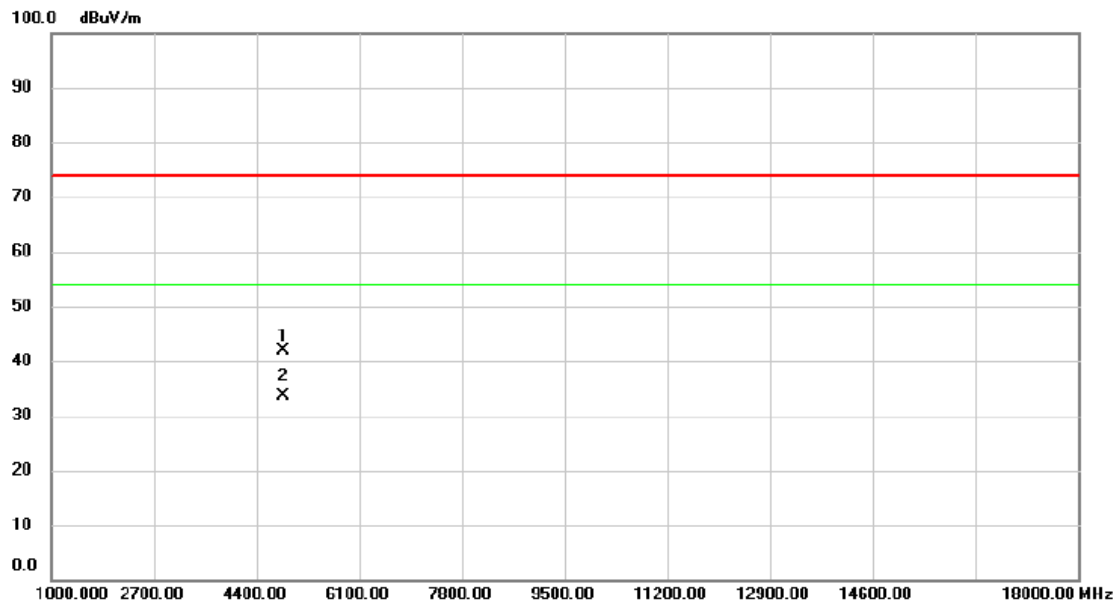


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	56.73	6.94	63.67	74.00	-10.33	peak	
2		2390.000	45.77	6.94	52.71	54.00	-1.29	AVG	
3	X	2409.600	103.68	7.00	110.68	74.00	36.68	peak	No Limit
4	*	2410.600	100.87	7.00	107.87	54.00	53.87	AVG	No Limit

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2412 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

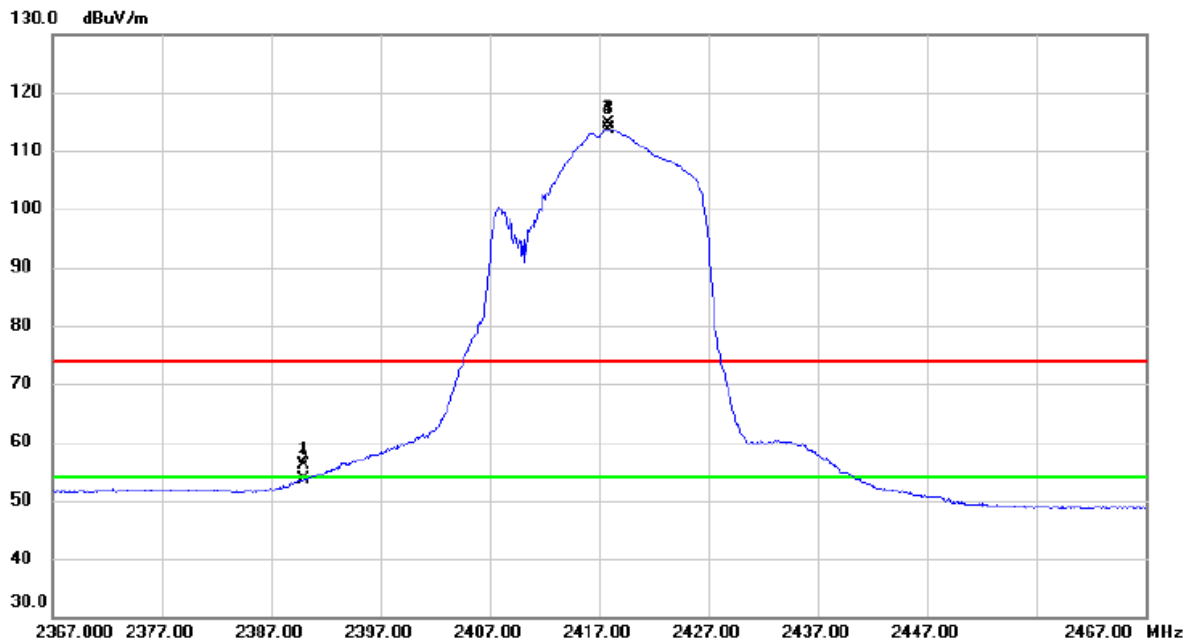


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4843.700	37.89	3.88	41.77	74.00	-32.23	peak	
2	*	4843.800	29.81	3.89	33.70	54.00	-20.30	AVG	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2417 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

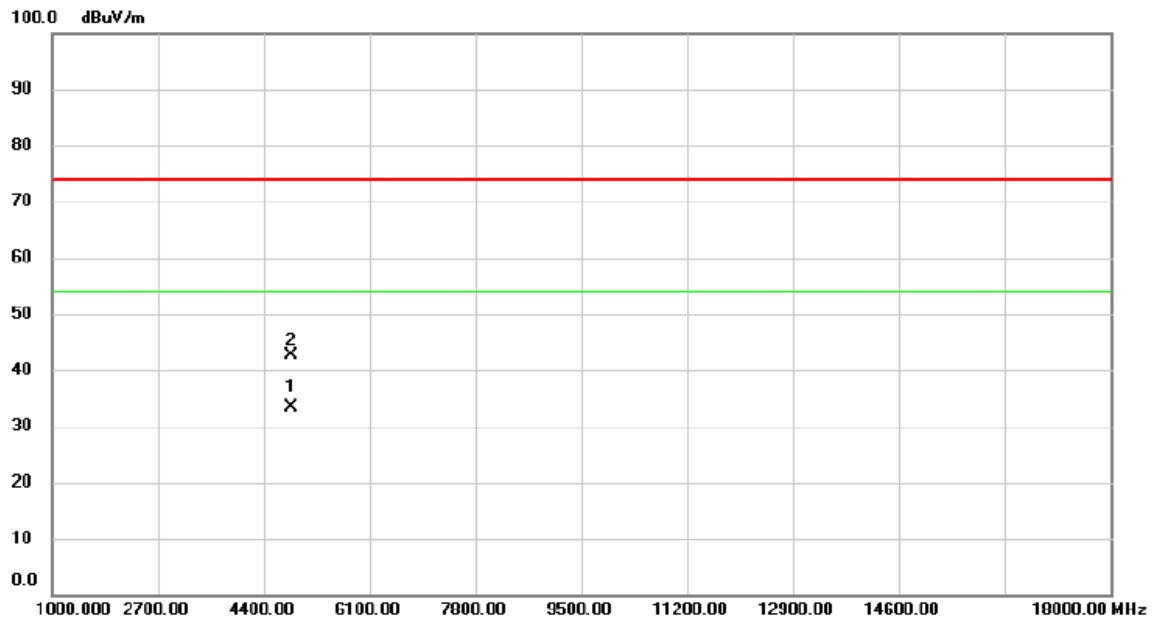


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	49.15	6.94	56.09	74.00	-17.91	peak	
2		2390.000	46.77	6.94	53.71	54.00	-0.29	AVG	
3	X	2417.800	107.69	7.02	114.71	74.00	40.71	peak	No Limit
4	*	2417.800	106.66	7.02	113.68	54.00	59.68	AVG	No Limit

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2417 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

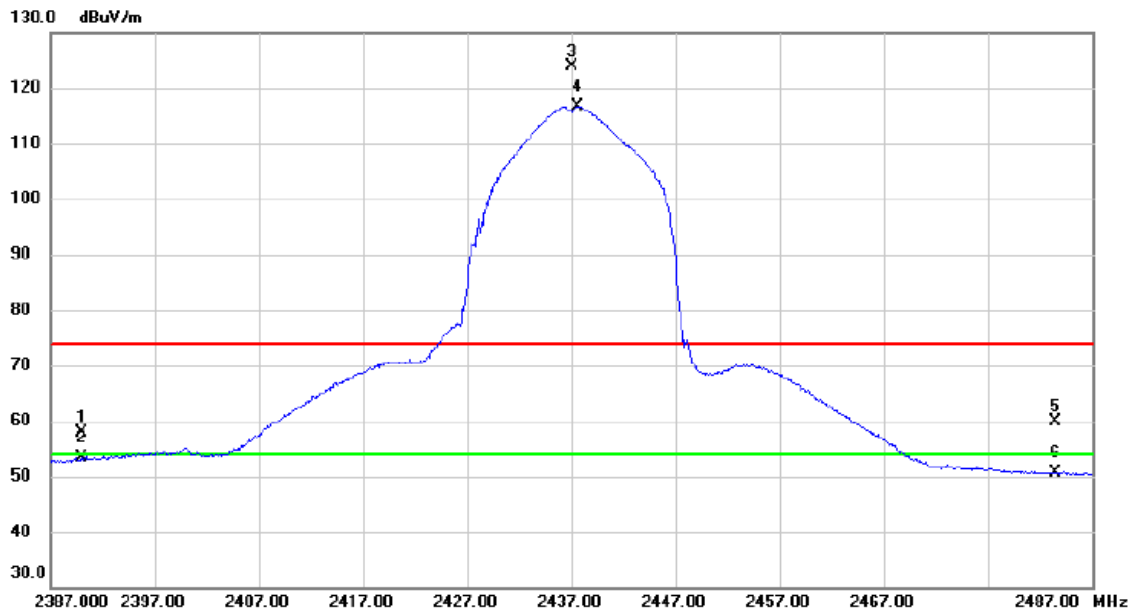


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4833.970	29.45	3.86	33.31	54.00	-20.69	AVG	
2		4834.540	38.85	3.87	42.72	74.00	-31.28	peak	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2437 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



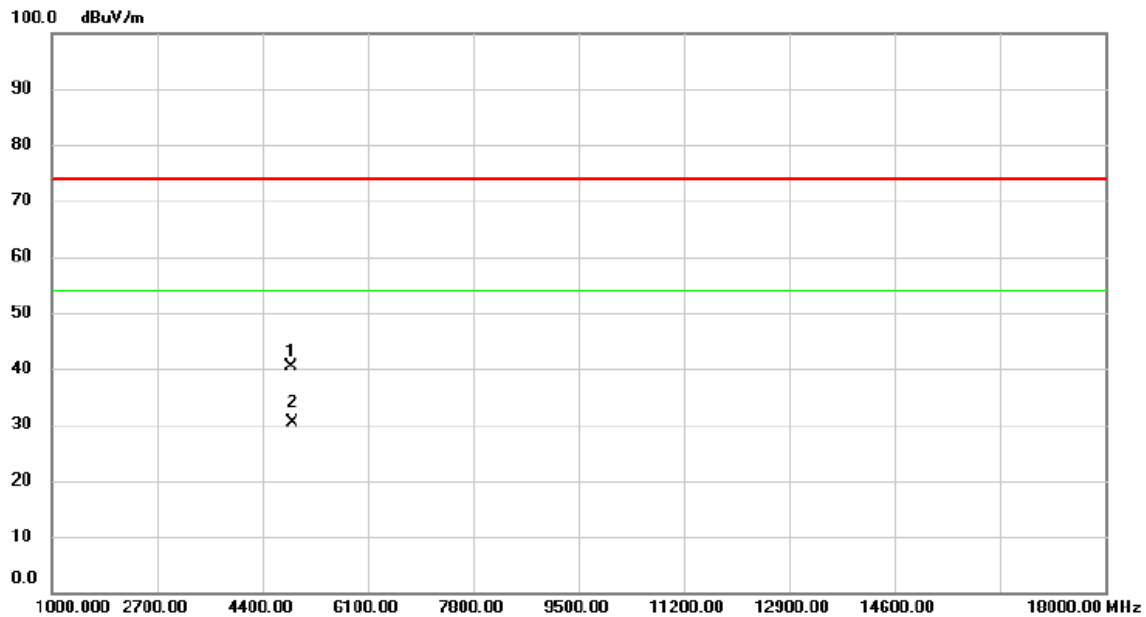
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	51.00	6.94	57.94	74.00	-16.06	peak	
2		2390.000	46.33	6.94	53.27	54.00	-0.73	AVG	
3	X	2437.000	116.79	7.08	123.87	74.00	49.87	peak	No Limit
4	*	2437.600	109.67	7.08	116.75	54.00	62.75	AVG	No Limit
5		2483.500	52.65	7.23	59.88	74.00	-14.12	peak	
6		2483.500	43.32	7.23	50.55	54.00	-3.45	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT20) Mode 2437 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

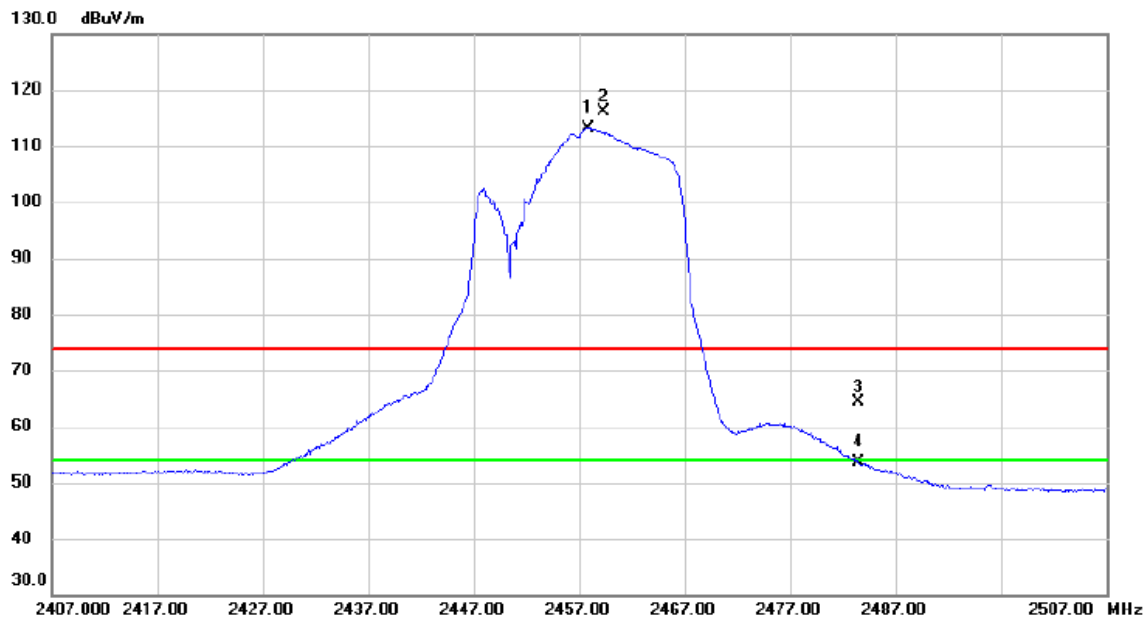


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4863.950	36.47	3.93	40.40	74.00	-33.60	peak	
2	*	4898.550	26.31	4.03	30.34	54.00	-23.66	AVG	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2457 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



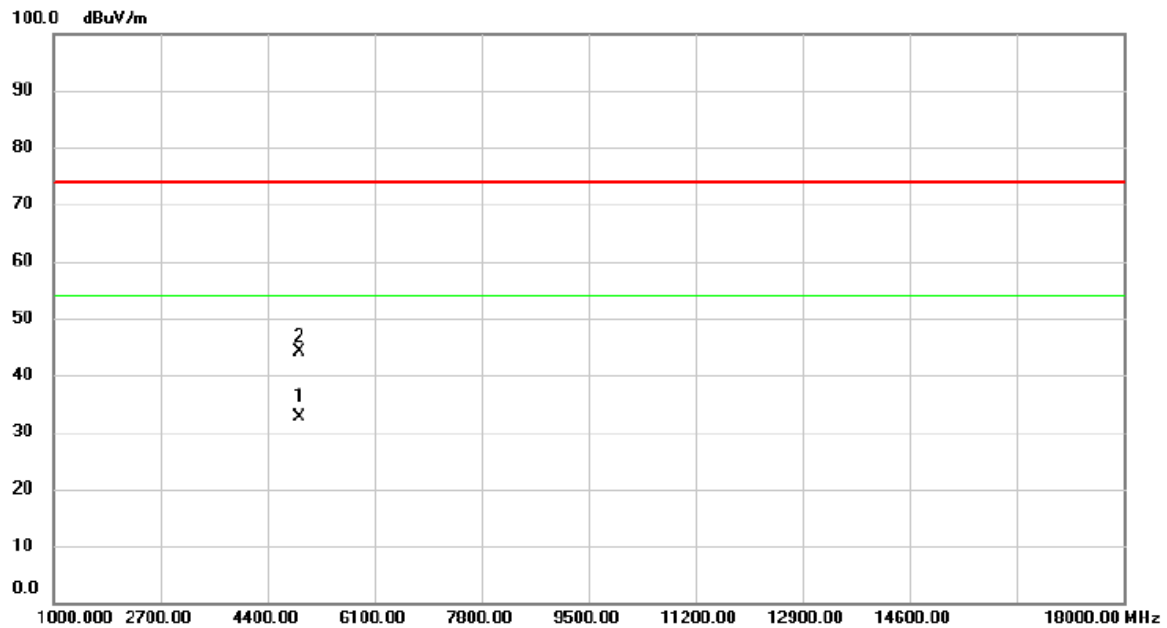
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2457.900	106.08	7.15	113.23	54.00	59.23	AVG	No Limit
2	X	2459.300	108.97	7.16	116.13	74.00	42.13	peak	No Limit
3		2483.500	57.03	7.23	64.26	74.00	-9.74	peak	
4		2483.500	46.41	7.23	53.64	54.00	-0.36	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT20) Mode 2457 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

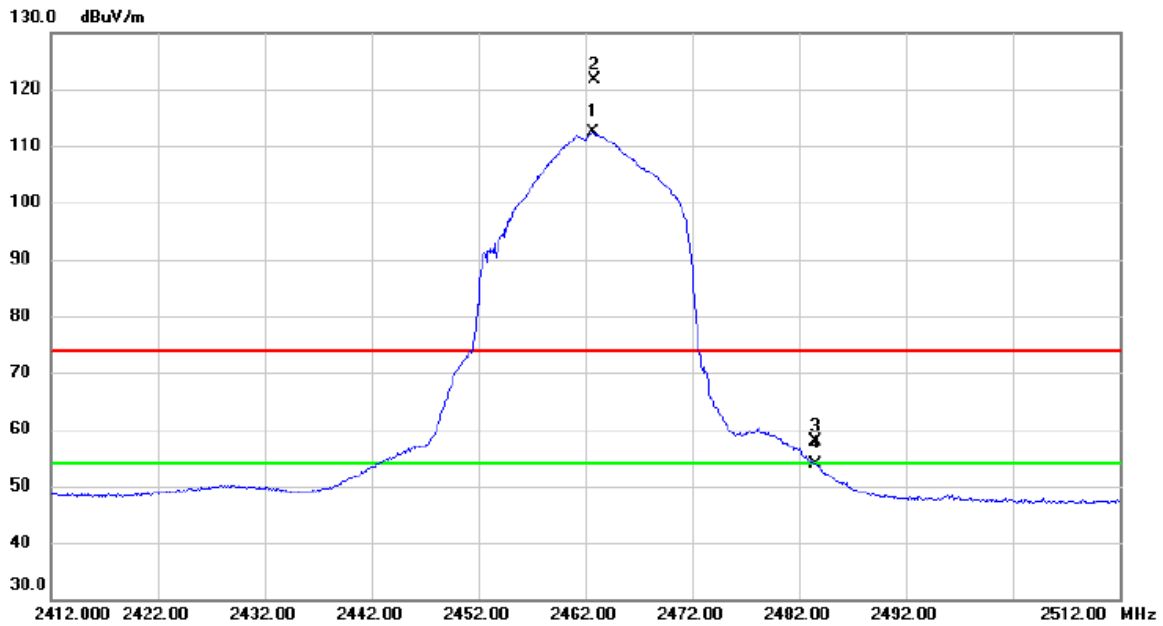


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4914.000	28.65	4.07	32.72	54.00	-21.28	AVG	
2		4915.720	40.08	4.07	44.15	74.00	-29.85	peak	

REMARKS:

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

Test Mode	TX BE(EHT20) Mode 2462 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



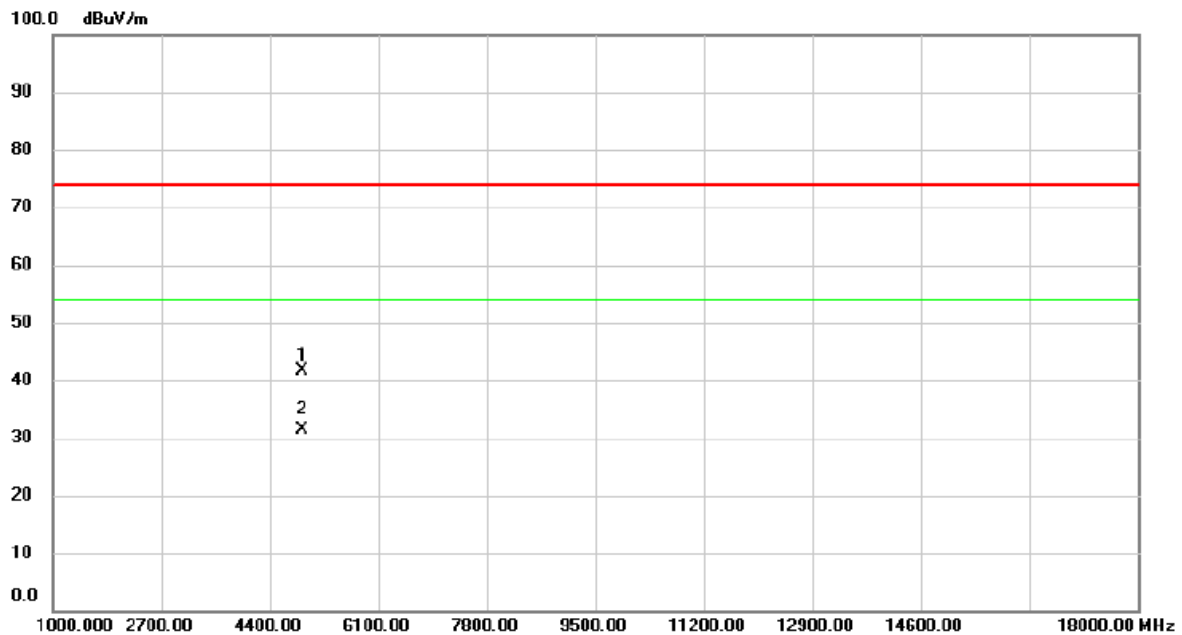
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	2462.700	105.12	7.16	112.28	54.00	58.28	AVG	No Limit
2	X	2462.900	114.52	7.16	121.68	74.00	47.68	peak	No Limit
3		2483.500	50.60	7.23	57.83	74.00	-16.17	peak	
4		2483.500	46.58	7.23	53.81	54.00	-0.19	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT20) Mode 2462 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

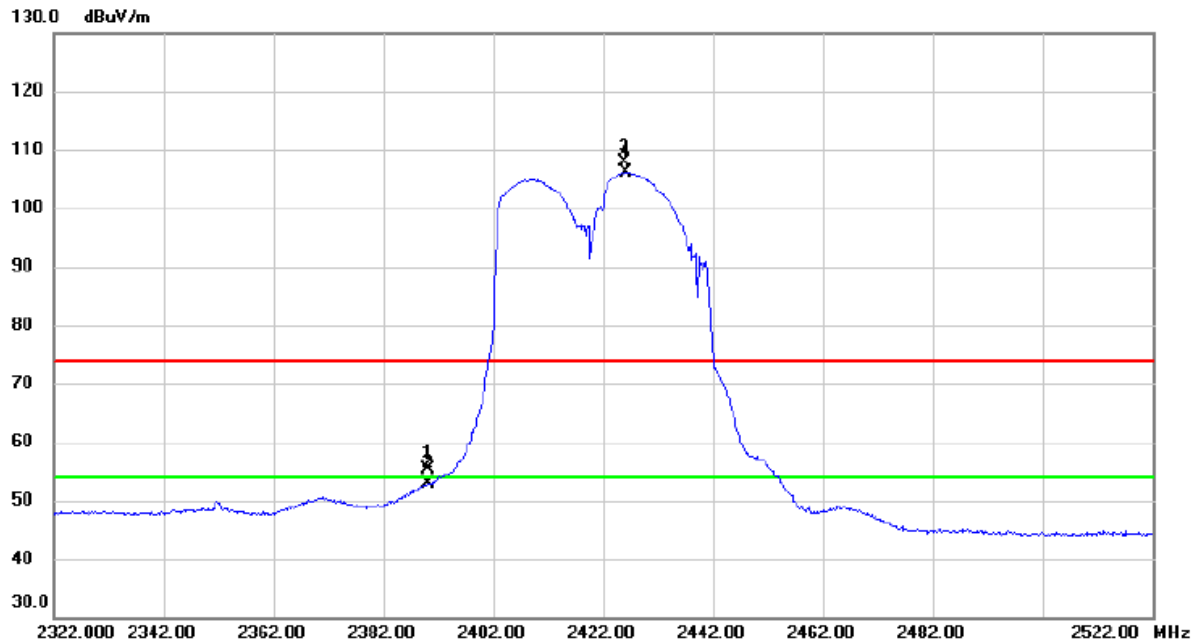


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4910.400	37.55	4.07	41.62	74.00	-32.38	peak	
2	*	4917.400	27.19	4.07	31.26	54.00	-22.74	AVG	

REMARKS:

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

Test Mode	TX BE(EHT40) Mode 2422 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



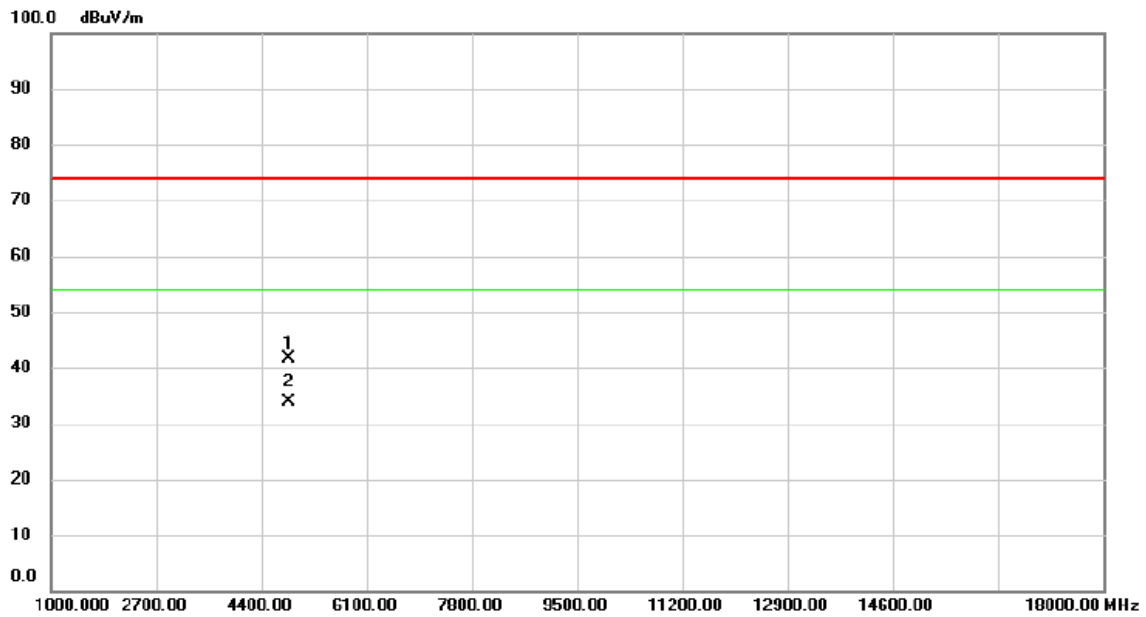
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	48.43	6.94	55.37	74.00	-18.63	peak	
2		2390.000	46.02	6.94	52.96	54.00	-1.04	AVG	
3	X	2425.800	100.87	7.04	107.91	74.00	33.91	peak	No Limit
4	*	2426.200	99.09	7.05	106.14	54.00	52.14	AVG	No Limit

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2422 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



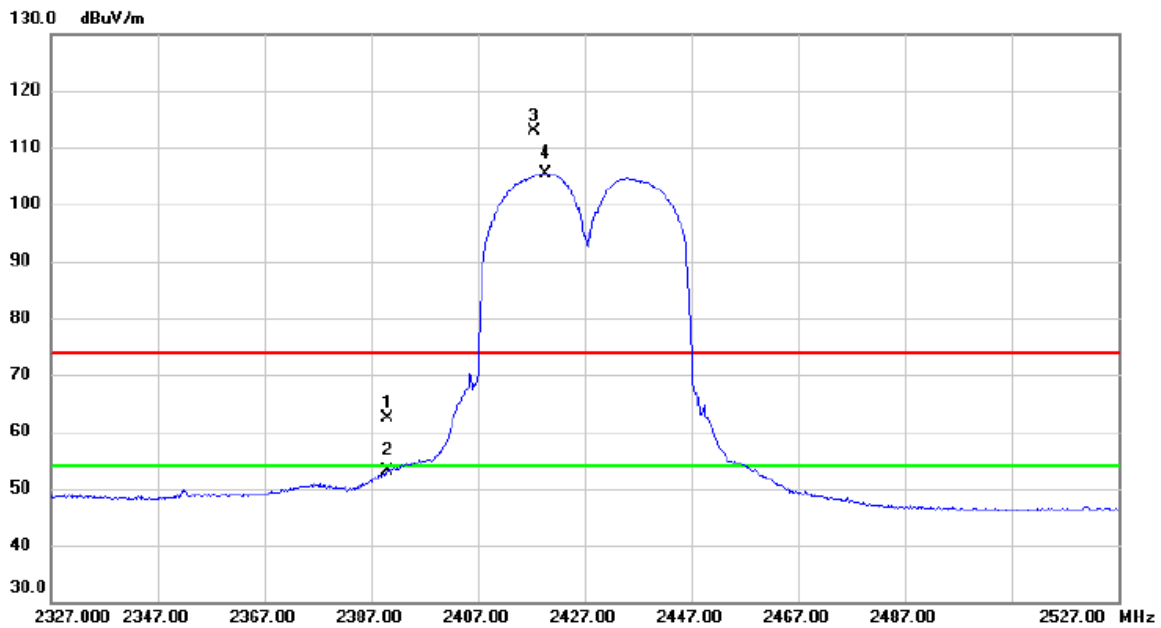
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4843.600	37.67	3.88	41.55	74.00	-32.45	peak	
2	*	4843.840	29.92	3.89	33.81	54.00	-20.19	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2427 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

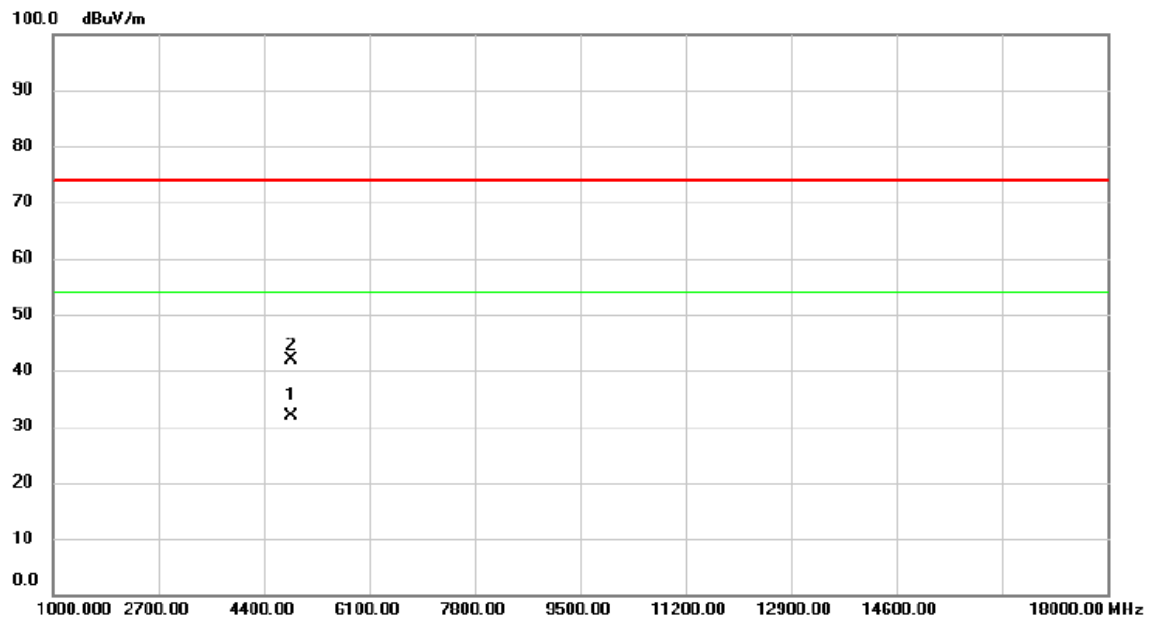


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2390.000	55.46	6.94	62.40	74.00	-11.60	peak	
2		2390.000	46.15	6.94	53.09	54.00	-0.91	AVG	
3	X	2417.600	105.77	7.02	112.79	74.00	38.79	peak	No Limit
4	*	2419.600	98.47	7.02	105.49	54.00	51.49	AVG	No Limit

REMARKS:

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

Test Mode	TX BE(EHT40) Mode 2427 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

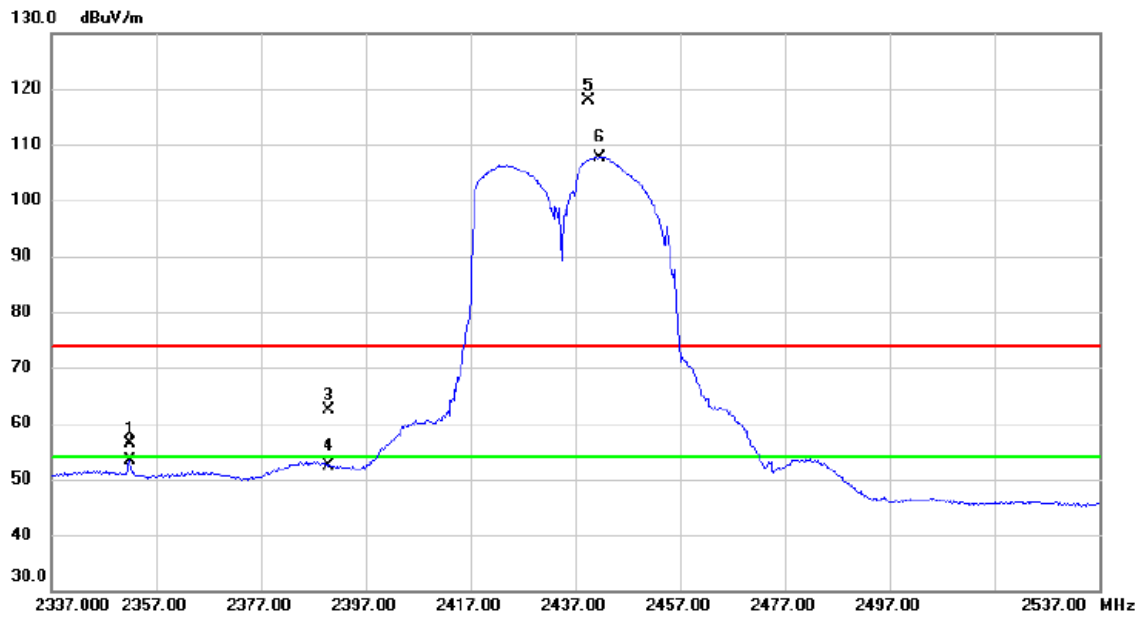


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	4843.830	28.04	3.89	31.93	54.00	-22.07	AVG	
2		4849.890	38.09	3.90	41.99	74.00	-32.01	peak	

REMARKS:

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

Test Mode	TX BE(EHT40) Mode 2437 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



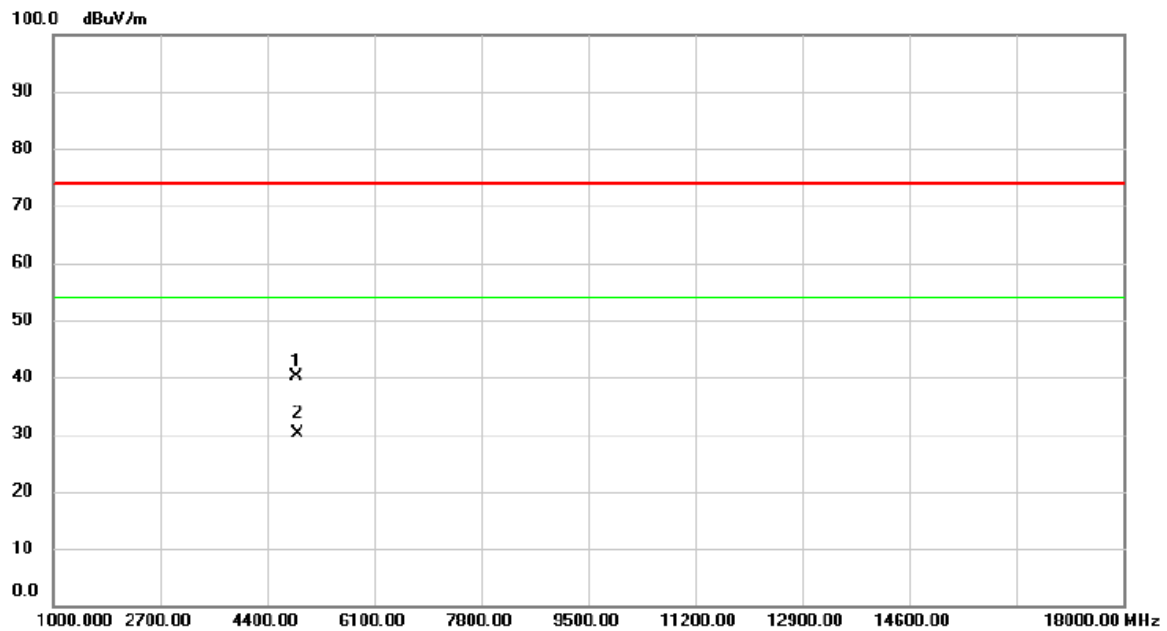
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		2352.000	49.58	6.82	56.40	74.00	-17.60	peak	
2		2352.000	46.61	6.82	53.43	54.00	-0.57	AVG	
3		2390.000	55.56	6.94	62.50	74.00	-11.50	peak	
4		2390.000	45.50	6.94	52.44	54.00	-1.56	AVG	
5	X	2439.600	110.71	7.09	117.80	74.00	43.80	peak	No Limit
6	*	2441.600	100.57	7.09	107.66	54.00	53.66	AVG	No Limit

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2437 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



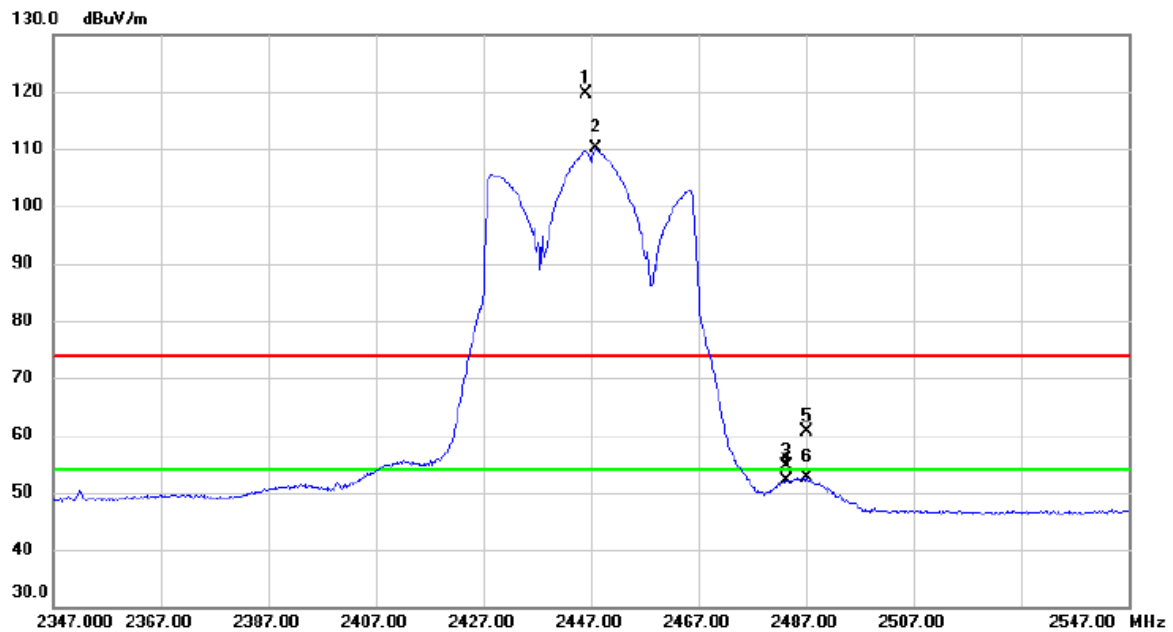
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4874.700	36.19	3.97	40.16	74.00	-33.84	peak	
2	*	4880.720	26.04	3.98	30.02	54.00	-23.98	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2447 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



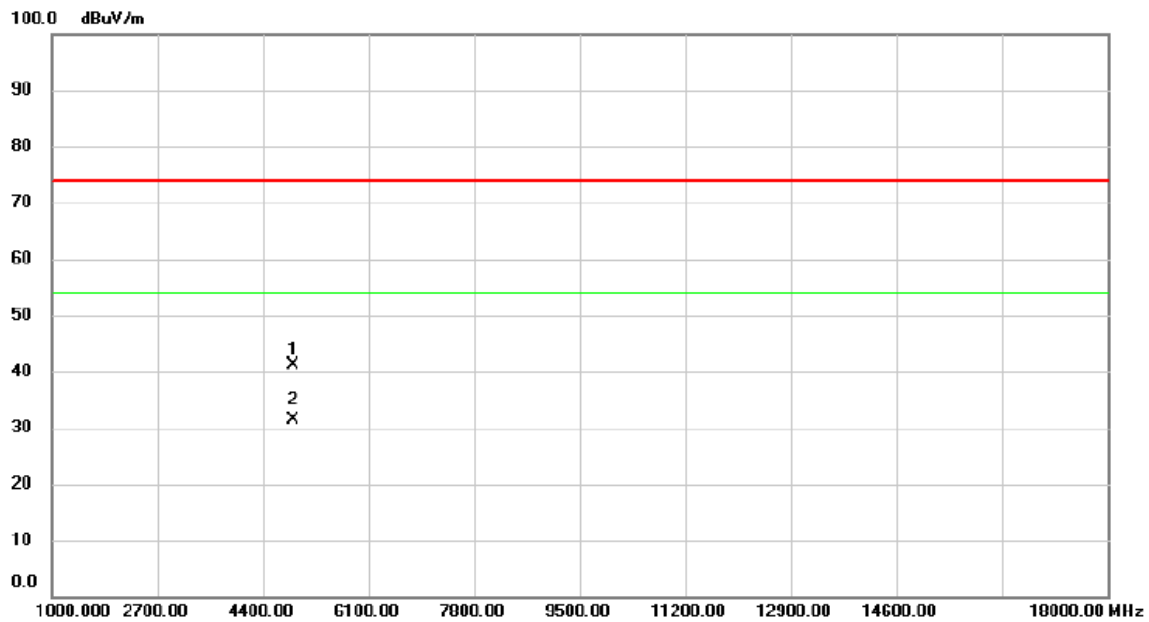
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2446.000	112.42	7.10	119.52	74.00	45.52	peak	No Limit
2	*	2448.000	102.96	7.12	110.08	54.00	56.08	AVG	No Limit
3		2483.500	47.33	7.23	54.56	74.00	-19.44	peak	
4		2483.500	44.86	7.23	52.09	54.00	-1.91	AVG	
5		2487.000	53.50	7.24	60.74	74.00	-13.26	peak	
6		2487.000	45.37	7.24	52.61	54.00	-1.39	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2447 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



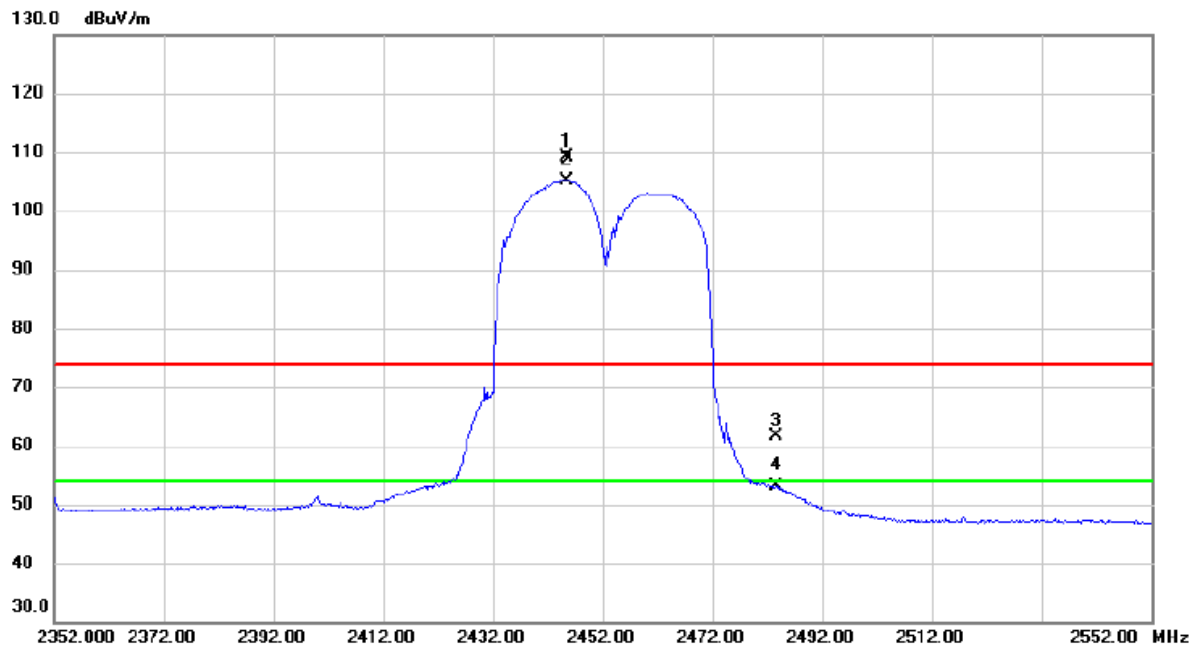
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4888.900	37.11	4.00	41.11	74.00	-32.89	peak	
2	*	4890.800	27.41	4.00	31.41	54.00	-22.59	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2452 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



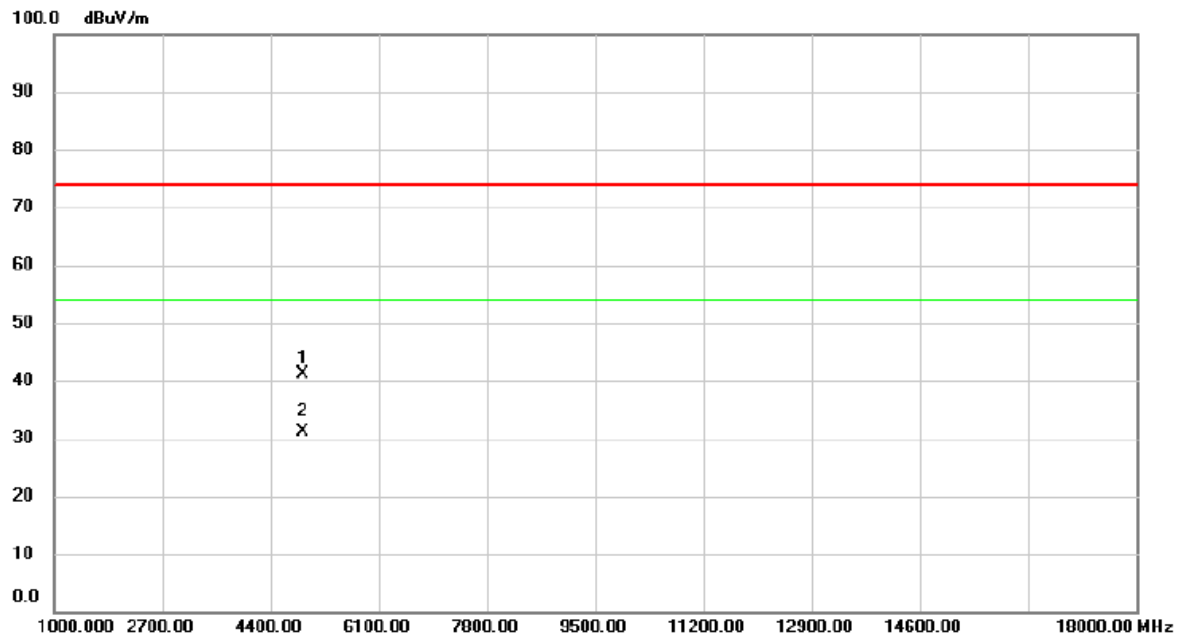
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	X	2445.600	101.99	7.10	109.09	74.00	35.09	peak	No Limit
2	*	2445.600	98.03	7.10	105.13	54.00	51.13	AVG	No Limit
3		2483.500	54.44	7.23	61.67	74.00	-12.33	peak	
4		2483.500	45.88	7.23	53.11	54.00	-0.89	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX BE(EHT40) Mode 2452 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



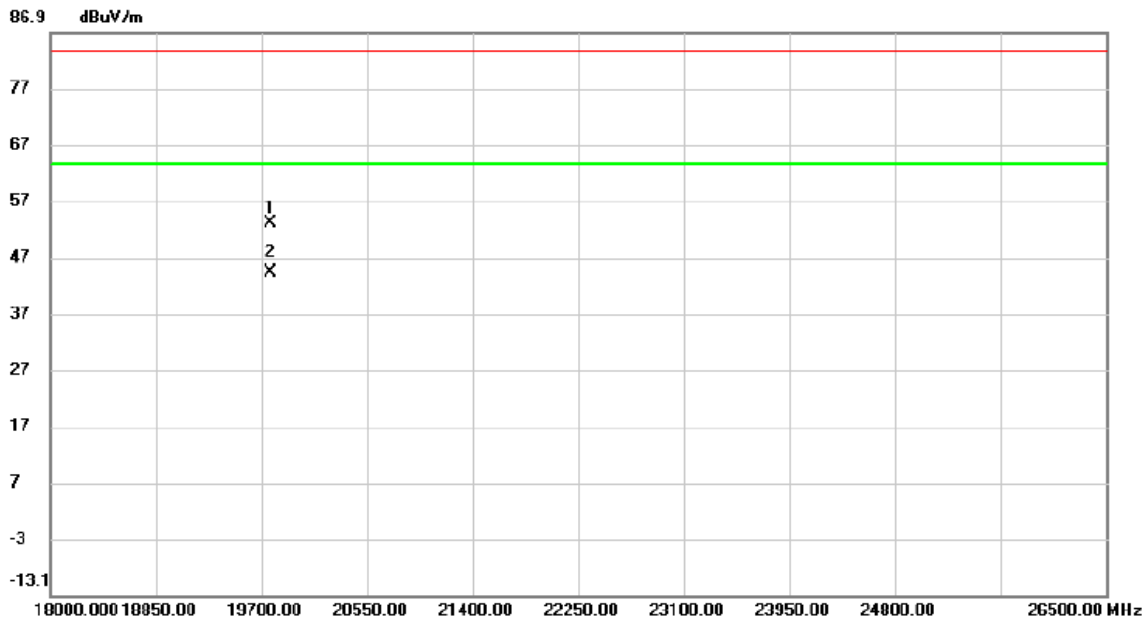
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		4908.500	37.19	4.06	41.25	74.00	-32.75	peak	
2	*	4910.240	27.06	4.07	31.13	54.00	-22.87	AVG	

REMARKS:

(1) Measurement Value = Reading Level + Correct Factor.

(2) Margin Level = Measurement Value - Limit Value.

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Vertical
-----------	--------------------------	--------------	----------

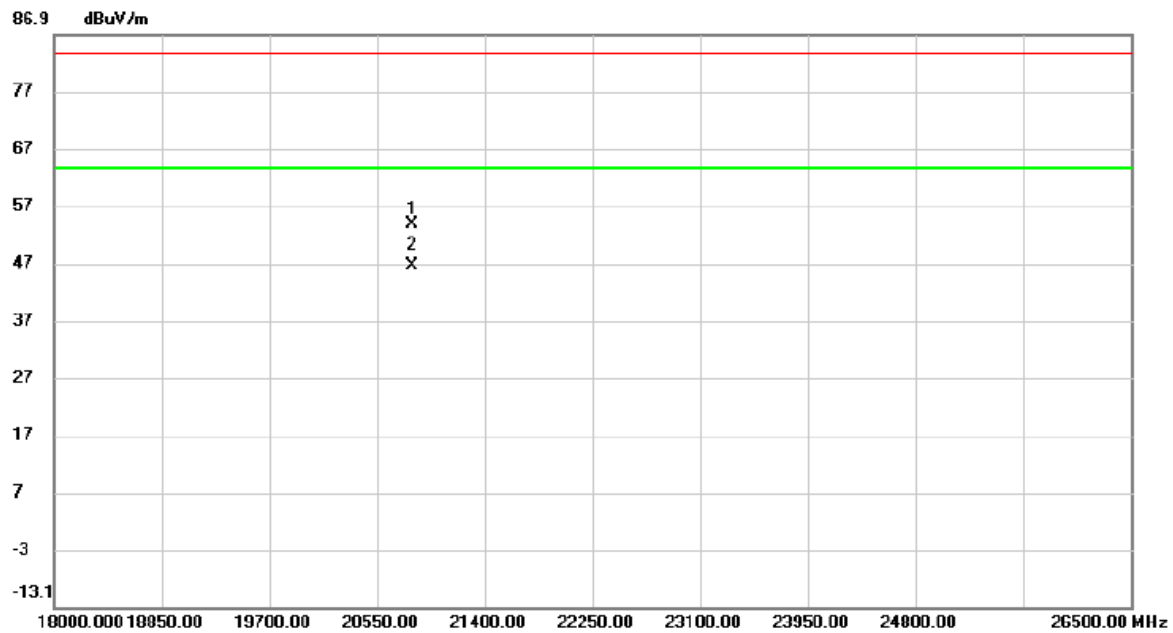


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		19768.000	52.01	1.06	53.07	83.50	-30.43	peak	
2	*	19768.000	43.26	1.06	44.32	63.50	-19.18	AVG	

REMARKS:

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

Test Mode	TX N(HT20) Mode 2437 MHz	Polarization	Horizontal
-----------	--------------------------	--------------	------------



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		20822.000	50.46	3.33	53.79	83.50	-29.71	peak	
2	*	20822.000	43.25	3.33	46.58	63.50	-16.92	AVG	

REMARKS:

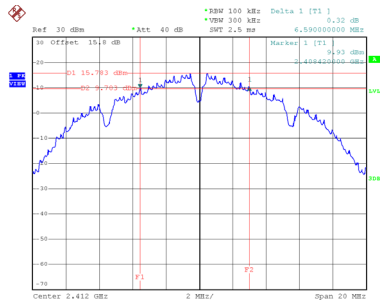
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX E - BANDWIDTH

Test Mode	TX B Mode
-----------	-----------

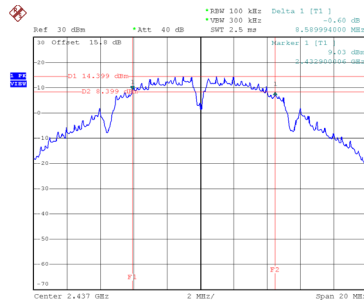
Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	6.590	13.760	0.5	Complies
06	2437	8.590	12.880	0.5	Complies
11	2462	8.590	12.800	0.5	Complies

CH01



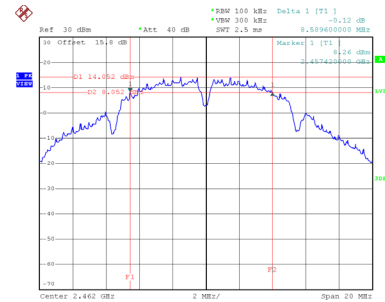
Date: 27.FEB.2025 11:33:24

CH06
6 dB Bandwidth



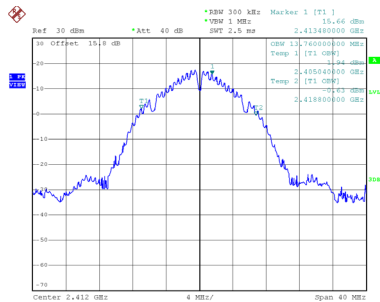
Date: 27.FEB.2025 11:34:38

CH11

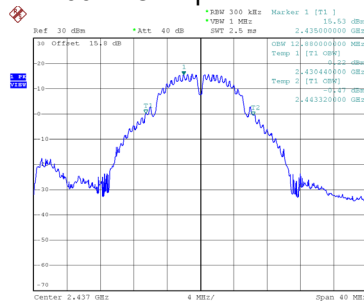


Date: 27.FEB.2025 11:36:46

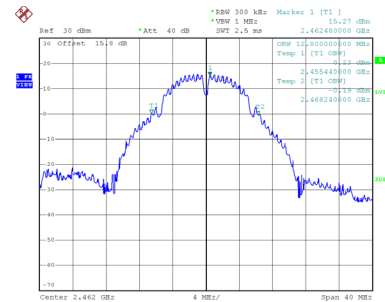
99 % Occupied Bandwidth



Date: 27.FEB.2025 11:33:32



Date: 27.FEB.2025 11:34:47

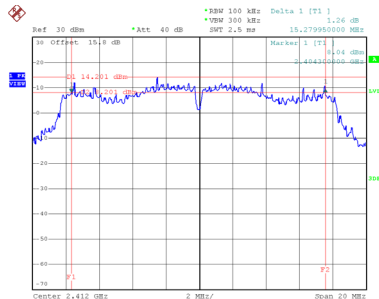


Date: 27.FEB.2025 11:36:54

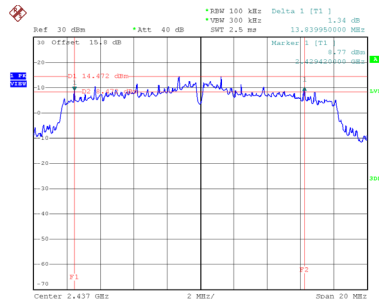
Test Mode	TX G Mode
-----------	-----------

Channel	Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	6 dB Bandwidth Min. Limit (MHz)	Result
01	2412	15.280	16.800	0.5	Complies
06	2437	13.840	16.960	0.5	Complies
11	2462	14.480	16.800	0.5	Complies

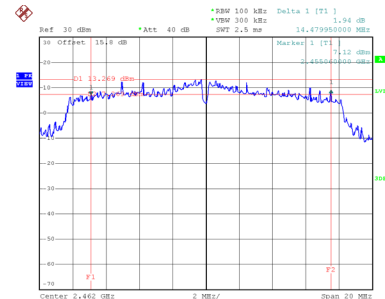
CH01



CH06
6 dB Bandwidth



CH11



99 % Occupied Bandwidth

