

FCC Radio Test Report

FCC ID: 2AA9D-516

Report No. : BTL-FCCP-3-2508T012
Equipment : Smart Glasses
Model Name : 516
Brand Name : Vuzix
Applicant : Vuzix Corporation
Address : 25 Hendrix Rd, West Henrietta, New York 14586 United States

Radio Function : WLAN 2.4 GHz

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement Procedure(s) : ANSI C63.10-2020

Date of Receipt : 2025/9/19
Date of Test : 2025/10/15 ~ 2025/10/27
Issued Date : 2025/12/18

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

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Declaration

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

BTL's reports apply only to the specific samples tested under conditions. It is manufacture's responsibility to ensure that additional production units of this model are manufactured with the identical electrical and mechanical components. **BTL** 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**.

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** 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.

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2508T012	R00	Original Report.	2025/11/19	Invalid
BTL-FCCP-3-2508T012	R01	Revised report to address TCB's comments.	2025/12/18	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.247(d)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass	-----
15.247(a)	Bandwidth	NOTE (3)	Pass	-----
15.247(b)	Output Power	APPENDIX E	Pass	-----
15.247(e)	Power Spectral Density	NOTE (3)	Pass	-----
15.247(d)	Antenna conducted Spurious Emission	NOTE (3)	Pass	-----
15.203	Antenna Requirement	-----	Pass	-----

Statement of Conformity

The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) This item is demonstrated to full compliance referring to the test report number TERF2211002258ER of the integrated module (model name: LBEE5XV2EC, FCC ID: VPYLBEE5XV2EA), according to KDB 996369 D02 Q1 a) 2).
- (4) The radiated emissions are tested to demonstrate full compliance of both module integrated into the host and host itself.
- (5) The output power of integrated module have been reduced, therefore, the full output power tests are performed and recorded.

1.1 TEST FACILITY

The test locations stated below are under the TAF Accreditation Number 0659.

The test location(s) used to collect the test data in this report are:

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☒ C05 ☐ CB08 ☐ CB11 ☐ SR10 ☒ SR11

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☐ C06 ☒ CB21 ☐ CB22

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**.

A. AC power line conducted emissions test:

Test Site	Measurement Frequency Range	U _{Lab} (dB)	U _{CISPR} (dB)
C05	150 kHz ~ 30 MHz	3.22	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range (GHz)	U (dB)
CB21 (3m)	0.03~0.2	4.41
	0.02~1	4.61
	1 ~ 6	5.45
	6 ~ 18	5.04
	18 ~ 26	4.03
	26 ~ 40	4.33

C. Conducted test :

Test Item	U
Output power	0.8412 dB

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	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	22 °C, 55 %	AC 120V	Easton Tsai
Radiated emissions below 1 GHz	Refer to data	DC 3.6V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	DC 3.6V	Mark Wang
Output Power	25.6 °C, 59 %	DC 3.6V	Ken Lan

1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Test Software Version	Command			
Mode	2412 MHz	2437 MHz	2462 MHz	Data Rate
IEEE 802.11b	18	21	18	1 Mbps
IEEE 802.11g	16	20	16	6 Mbps
IEEE 802.11n (HT20)	16	19	16	MCS 0
IEEE 802.11ax (HE20)	14	17	14	MCS 0

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Smart Glasses
Model Name	516
Brand Name	Vuzix
Model Difference	N/A
Power Source	Supplied from battery.
Power Rating	DC 3.6V
Products Covered	1 * Rechargeable Li-ion Battery/Getac Technology (Kunshan) Co., Ltd./A9V (1INR19/66-2) 1 * Bell
WIFI+BT Module	muRata/ LBEE5XV2EC
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Maximum Output Power	IEEE 802.11b: 22.08 dBm (0.1614 W) IEEE 802.11g: 24.32dBm (0.2704 W) IEEE 802.11n (HT20): 23.51 dBm (0.2244 W) IEEE 802.11ax (HE20): 22.09 dBm (0.1618 W)
Test Model	516
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

(1) The above EUT information is declared by manufacturer and for more detailed features description, please refers to the manufacturer's specifications or user's manual.

(2) Channel List:

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
01	2412	05	2432	09	2452
02	2417	06	2437	10	2457
03	2422	07	2442	11	2462
04	2427	08	2447		

(3) Table for Filed Antenna:

Antenna	Manufacture	Part Number	Type	Connector	Frequency Range (MHz)	Gain (dBi)
Main	Pulse	DQ6Q3364A00 (TQ3364A)	PIFA	IPEX	2400-2483.5	2.45
					5150-5250	3.58
					5250-5350	3.58
					5470-5725	4.65
					5725-5850	4.65
					5925-6425	4.80
					6425-6525	4.28
					6525-6875	4.46
					6875-7125	2.71

(4) The above Antenna information are derived from the antenna data sheet provided by manufacturer and for more detailed features description, please refer to the manufacturer's specifications, the laboratory shall not be held responsible.

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	IEEE 802.11b	11	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/11	Bandedge
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11	Harmonic
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
Transmitter Radiated Emissions (above 18GHz)	IEEE 802.11b	11	-
Output Power	IEEE 802.11b	01/06/11	-
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		

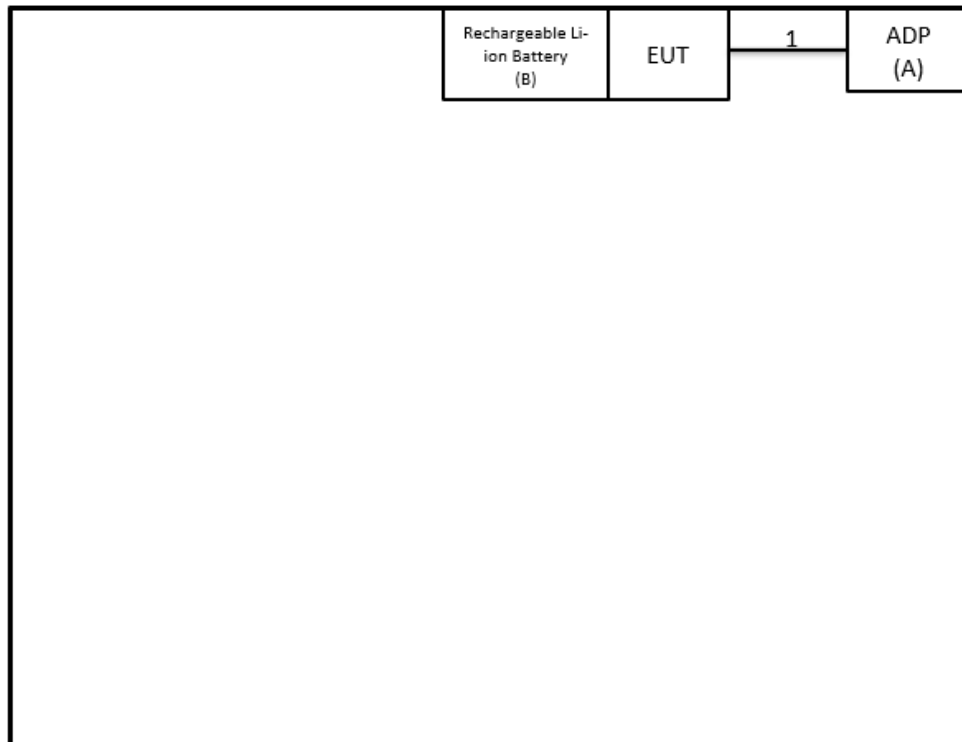
NOTE:

- (1) The Radiated emissions test was verified based on the worst conducted power and Bandwidth test results reported in the original report.
- (2) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Horizontal) is recorded.
- (3) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (4) For IEEE 802.11ax modes, refer to TCB Workshop presentations on October 3, 2018, after evaluated, all testing are performed under fully loaded conditions (Full RU). In the test data, only the partially loaded conditions data are marked with tones.

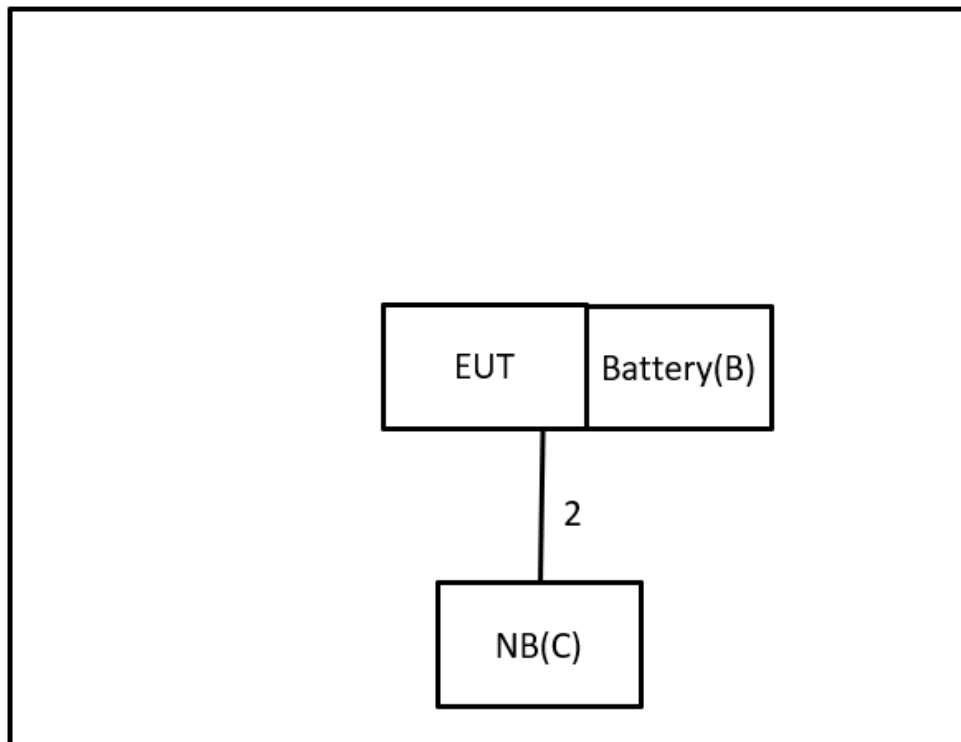
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

Equipment letters and Cable numbers refer to item numbers described in the tables of clause 2.4.

AC Power Line Conducted Emissions Test



Radiated Emissions Test



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	Xiaomi	AD652G	N/A	Furnished by test lab.
B	Rechargeable Li-ion Battery	Getac Technology (Kunshan) Co., Ltd.	A9V (11NR19/66-2)	N/A	Supplied by test requester
C	NB	dyna	Portege-X40 G	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	USB to Type-C	Furnished by test lab.
2	N/A	N/A	1m	TypeC to USB Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 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.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level (dBμV)		Correct Factor (dB)		Measurement Value (dBμV)
38.22	+	3.45	=	41.67

Measurement Value (dBμV)		Limit Value (dBμV)		Margin Level (dB)
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

Receiver Parameter	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 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of 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 to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item - EUT TEST PHOTO.

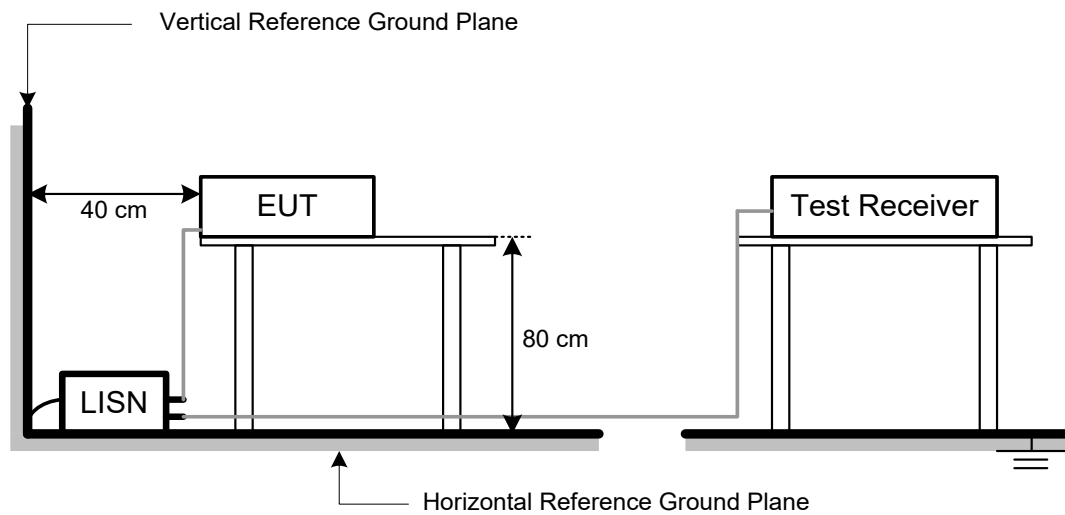
NOTE:

- (1) In the results, each reading is marked as Peak, QP or AVG per the detector used.
 BW=9 kHz (6 dB Bandwidth)
- (2) All readings are Peak unless otherwise stated QP or AVG in column of Note. Both the QP and the AVG readings must be less than the limit for compliance.

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

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, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 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
960~1000	500	3

LIMITS OF RADIATED EMISSIONS MEASUREMENT (Above 1000 MHz)

Frequency (MHz)	Radiated Emissions (dBuV/m)		Measurement Distance (meters)
	Peak	Average	
Above 1000	74	54	3

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) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

Correct Factor = Antenna Factor + Cable Loss - Amplifier Gain(if use)

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBμV)		Correct Factor (dB/m)		Measurement Value (dBμV/m)
19.11	+	2.11	=	21.22

Measurement Value (dBμV/m)		Limit Value (dBμV/m)		Margin Level (dB)
21.22	-	54	=	-32.78

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

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

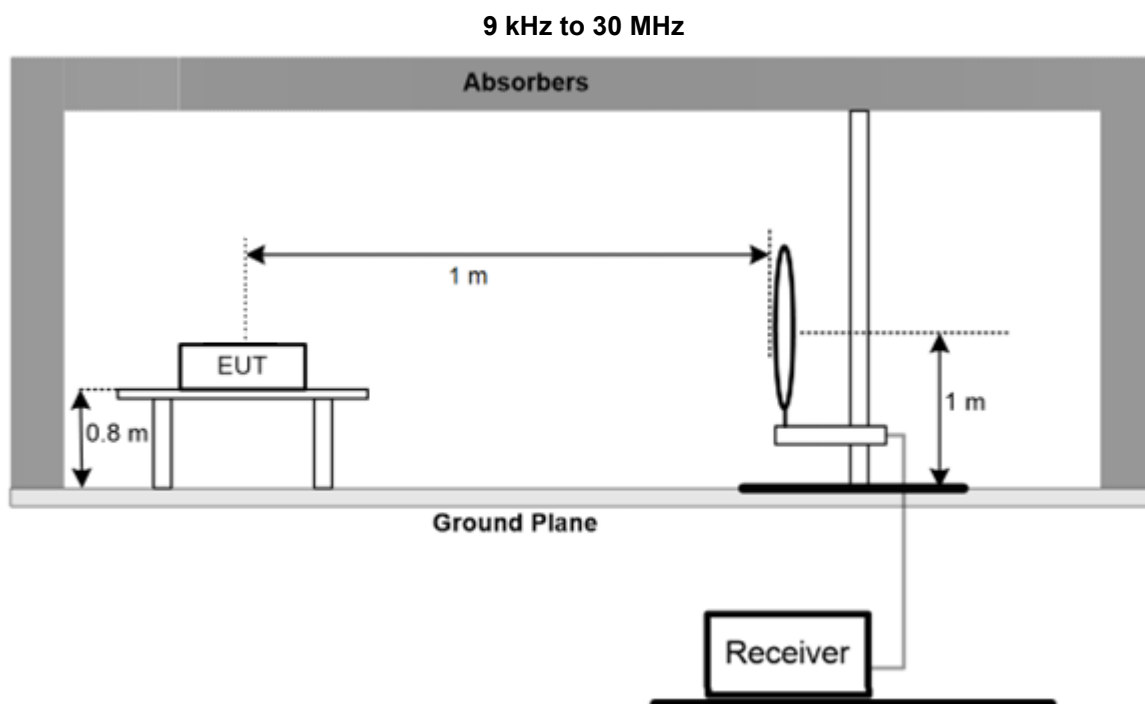
4.2 TEST PROCEDURE

- The measuring distance of 1 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 30MHz)
- 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 1GHz)
- 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 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, 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 1GHz.
- 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 1GHz)
- 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 1GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

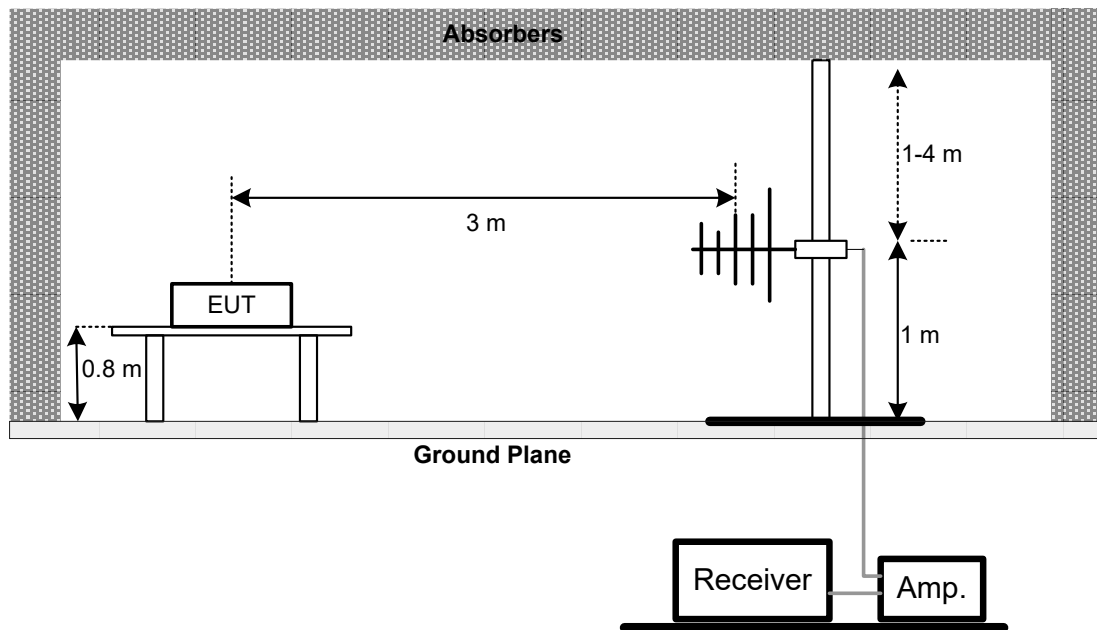
4.3 DEVIATION FROM TEST STANDARD

No deviation.

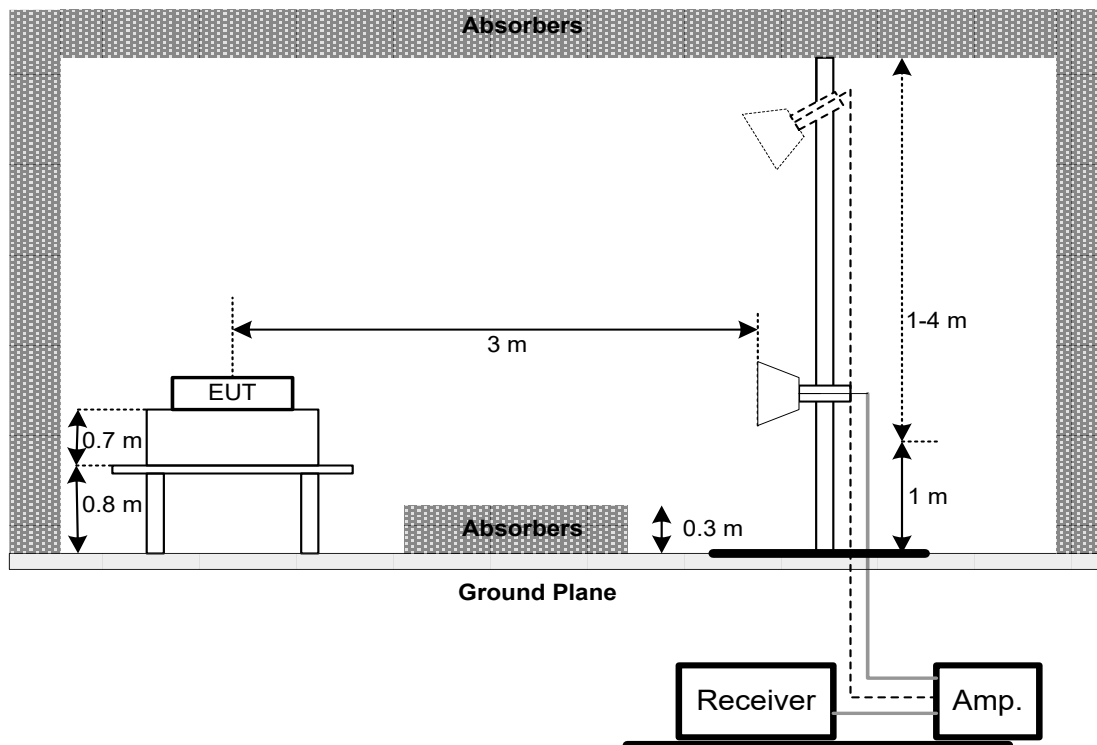
4.4 TEST SETUP



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

NOTE:

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

4.6 TEST RESULT – 9kHz TO 30 MHz

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHz TO 1 GHz

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHz

Please refer to the APPENDIX D.

NOTE:

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

5 OUTPUT POWER TEST

5.1 LIMIT

Section	Test Item	Limit
15.247(b)	Maximum Output Power	1 Watt or 30dBm

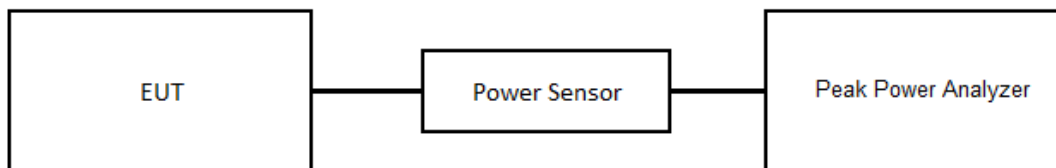
5.2 TEST PROCEDURE

- The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- The maximum peak conducted output power was performed in accordance with FCC KDB 558074 D01 15.247 Meas Guidance.
- Subclause 11.9.1.1 of ANSI C63.10 is applied. The maximum peak conducted output power may be measured using a broadband peak RF power meter. The power meter shall have a video bandwidth that is greater than or equal to the DTS bandwidth and shall use a fast-responding diode detector.

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX E.

6 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101521	2025/8/29	2026/8/28
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2025/3/29	2026/3/28
3	EMI Test Receiver	R&S	ESR 7	101433	2024/11/7	2025/11/6
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2025/9/3	2026/9/2
2	Preamplifier	EMCI	EMC118A45SE	980819	2025/3/5	2026/3/4
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2025/9/3	2026/9/2
4	Preamplifier	EMCI	EMC001340	980579	2025/9/3	2026/9/2
5	Test Cable	EMCI	EMC104-SM-1000	180809	2025/3/5	2026/3/4
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2025/3/5	2026/3/4
7	Test Cable	EMCI	EMC105-SM-SM-8000	220422	2025/10/15	2026/10/14
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2025/2/19	2026/2/18
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2025/9/1	2026/8/31
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2025/5/9	2026/5/8
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2025/5/15	2026/5/14
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2025/7/4	2026/7/3
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2025/7/4	2026/7/3
14	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2025/3/12	2026/3/11
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2025/3/12	2026/3/11
16	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Peak Power Analyzer	Keysight	8990B	MY51000517	2025/3/16	2026/3/15
2	Power Sensor	Keysight	N1923A	MY58310005	2025/3/18	2026/3/17
3	Spectrum Analyzer	R&S	FSP 40	101139	2025/3/7	2026/3/6

Remark: "N/A" denotes no model name, no serial no. or no calibration specified.
All calibration period of equipment list is one year.

7 EUT TEST PHOTO

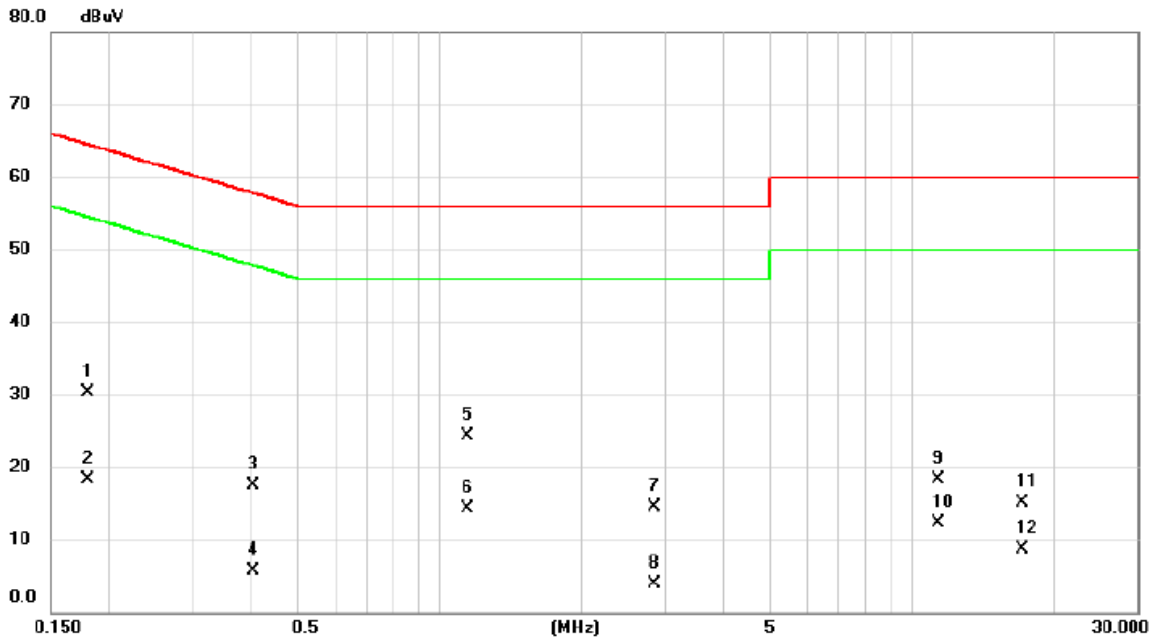
Please refer to document Appendix No.: TP-2508T012-FCCP-1 (APPENDIX-TEST PHOTOS).

8 EUT PHOTOS

Please refer to document Appendix No.: EP-2508T012-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2025/10/21
Test Frequency	-	Phase	Line



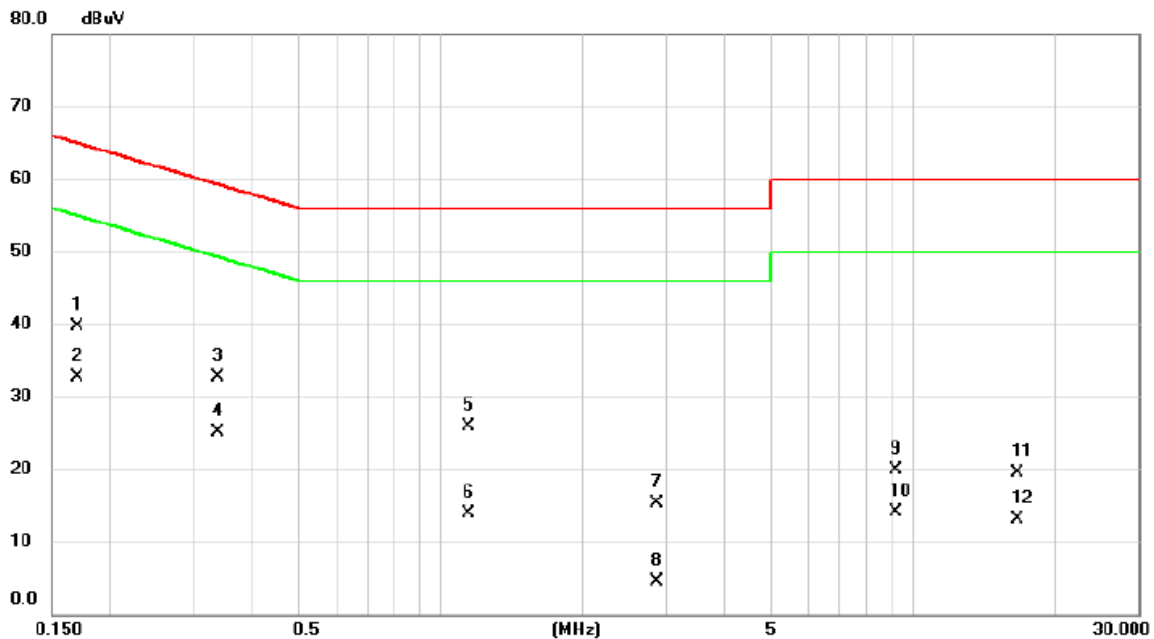
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	0.1793	20.51	9.79	30.30	64.52	-34.22	QP	
2	0.1793	8.52	9.79	18.31	54.52	-36.21	AVG	
3	0.4020	7.80	9.74	17.54	57.81	-40.27	QP	
4	0.4020	-3.96	9.74	5.78	47.81	-42.03	AVG	
5	1.1400	14.58	9.75	24.33	56.00	-31.67	QP	
6 *	1.1400	4.65	9.75	14.40	46.00	-31.60	AVG	
7	2.8432	4.69	9.80	14.49	56.00	-41.51	QP	
8	2.8432	-5.81	9.80	3.99	46.00	-42.01	AVG	
9	11.3415	8.46	9.84	18.30	60.00	-41.70	QP	
10	11.3415	2.52	9.84	12.36	50.00	-37.64	AVG	
11	17.0745	5.20	9.89	15.09	60.00	-44.91	QP	
12	17.0745	-1.09	9.89	8.80	50.00	-41.20	AVG	

REMARKS:

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

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

Test Mode	Normal	Tested Date	2025/10/21
Test Frequency	-	Phase	Neutral



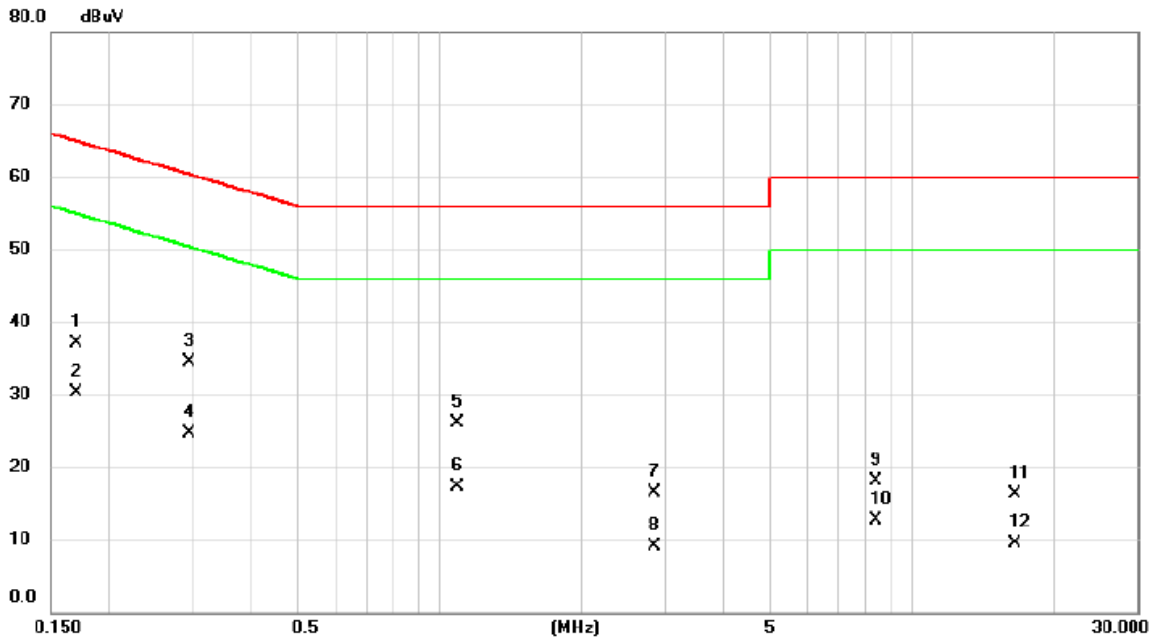
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1703	29.94	9.81	39.75	64.95	-25.20	QP	
2	*	0.1703	22.88	9.81	32.69	54.95	-22.26	AVG	
3		0.3367	22.92	9.73	32.65	59.28	-26.63	QP	
4		0.3367	15.40	9.73	25.13	49.28	-24.15	AVG	
5		1.1445	16.24	9.76	26.00	56.00	-30.00	QP	
6		1.1445	4.06	9.76	13.82	46.00	-32.18	AVG	
7		2.8545	5.39	9.82	15.21	56.00	-40.79	QP	
8		2.8545	-5.40	9.82	4.42	46.00	-41.58	AVG	
9		9.1995	10.14	9.83	19.97	60.00	-40.03	QP	
10		9.1995	4.34	9.83	14.17	50.00	-35.83	AVG	
11		16.6064	9.63	9.93	19.56	60.00	-40.44	QP	
12		16.6064	3.09	9.93	13.02	50.00	-36.98	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2025/10/21
Test Frequency	-	Phase	Line



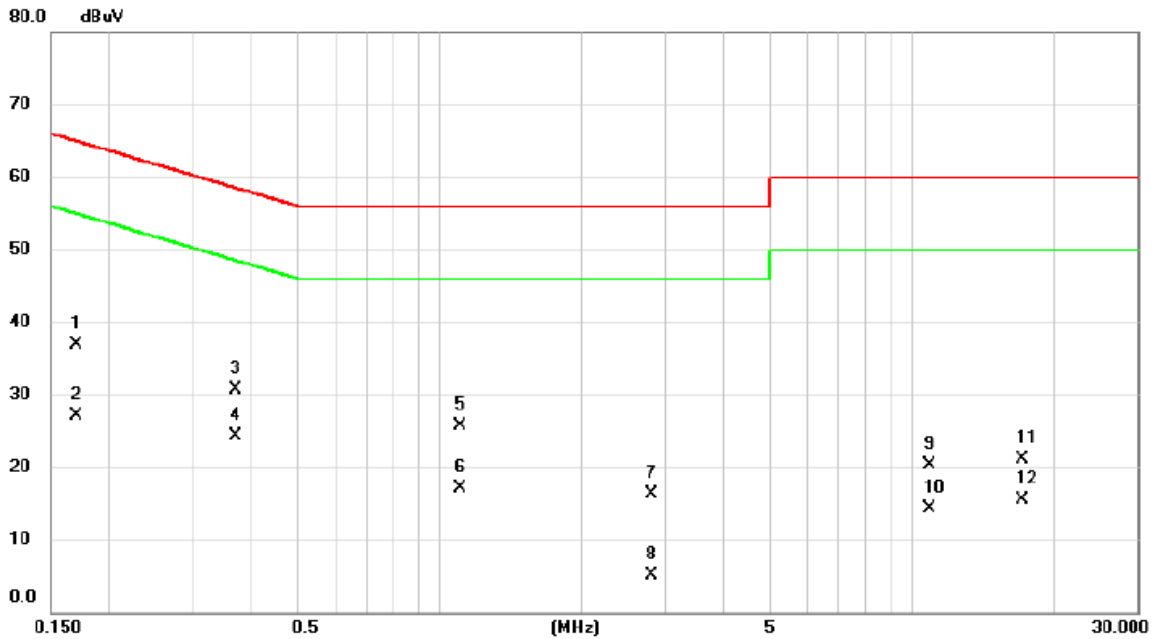
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1703	27.34	9.80	37.14	64.95	-27.81	QP	
2	*	0.1703	20.55	9.80	30.35	54.95	-24.60	AVG	
3		0.2940	24.78	9.75	34.53	60.41	-25.88	QP	
4		0.2940	15.05	9.75	24.80	50.41	-25.61	AVG	
5		1.0905	16.28	9.75	26.03	56.00	-29.97	QP	
6		1.0905	7.51	9.75	17.26	46.00	-28.74	AVG	
7		2.8432	6.63	9.80	16.43	56.00	-39.57	QP	
8		2.8432	-0.77	9.80	9.03	46.00	-36.97	AVG	
9		8.3738	8.35	9.84	18.19	60.00	-41.81	QP	
10		8.3738	2.78	9.84	12.62	50.00	-37.38	AVG	
11		16.5345	6.34	9.89	16.23	60.00	-43.77	QP	
12		16.5345	-0.30	9.89	9.59	50.00	-40.41	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2025/10/21
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1703	27.06	9.81	36.87	64.95	-28.08	QP	
2		0.1703	17.30	9.81	27.11	54.95	-27.84	AVG	
3		0.3704	21.05	9.73	30.78	58.49	-27.71	QP	
4	*	0.3704	14.55	9.73	24.28	48.49	-24.21	AVG	
5		1.1062	16.02	9.76	25.78	56.00	-30.22	QP	
6		1.1062	7.26	9.76	17.02	46.00	-28.98	AVG	
7		2.8050	6.46	9.82	16.28	56.00	-39.72	QP	
8		2.8050	-4.76	9.82	5.06	46.00	-40.94	AVG	
9		10.8510	10.54	9.85	20.39	60.00	-39.61	QP	
10		10.8510	4.49	9.85	14.34	50.00	-35.66	AVG	
11		17.1375	11.16	9.93	21.09	60.00	-38.91	QP	
12		17.1375	5.66	9.93	15.59	50.00	-34.41	AVG	

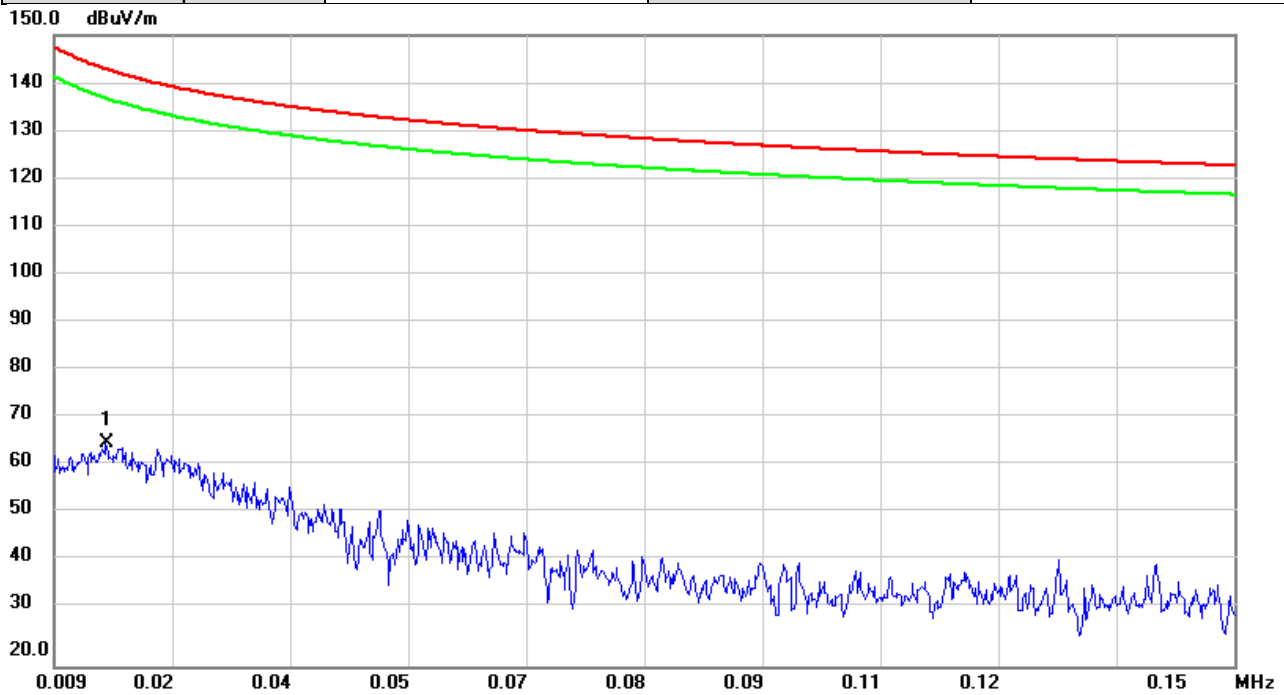
REMARKS:

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

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

Test Mode	IEEE 802.11b	Test Date	2025/10/27
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

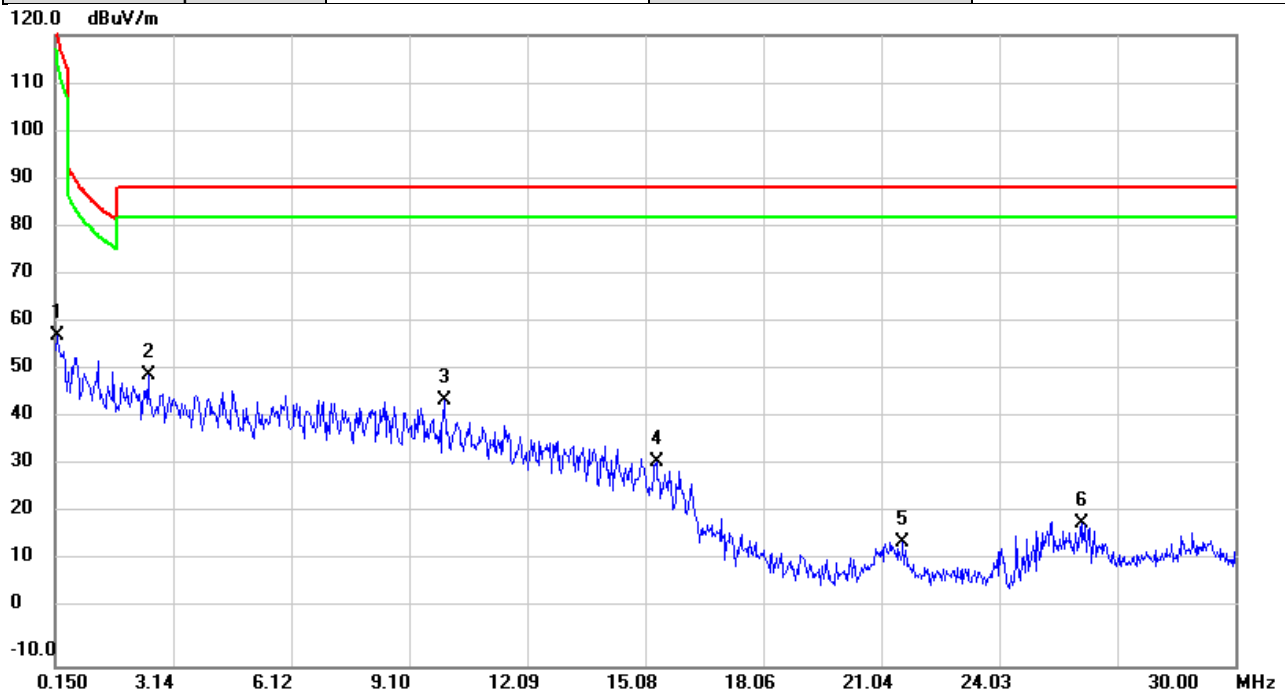


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0153	31.20	34.63	65.83	142.99	-77.16	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/27
Test Frequency	2462MHz	Polarization	Vertical
Temp	23°C	Hum.	54%

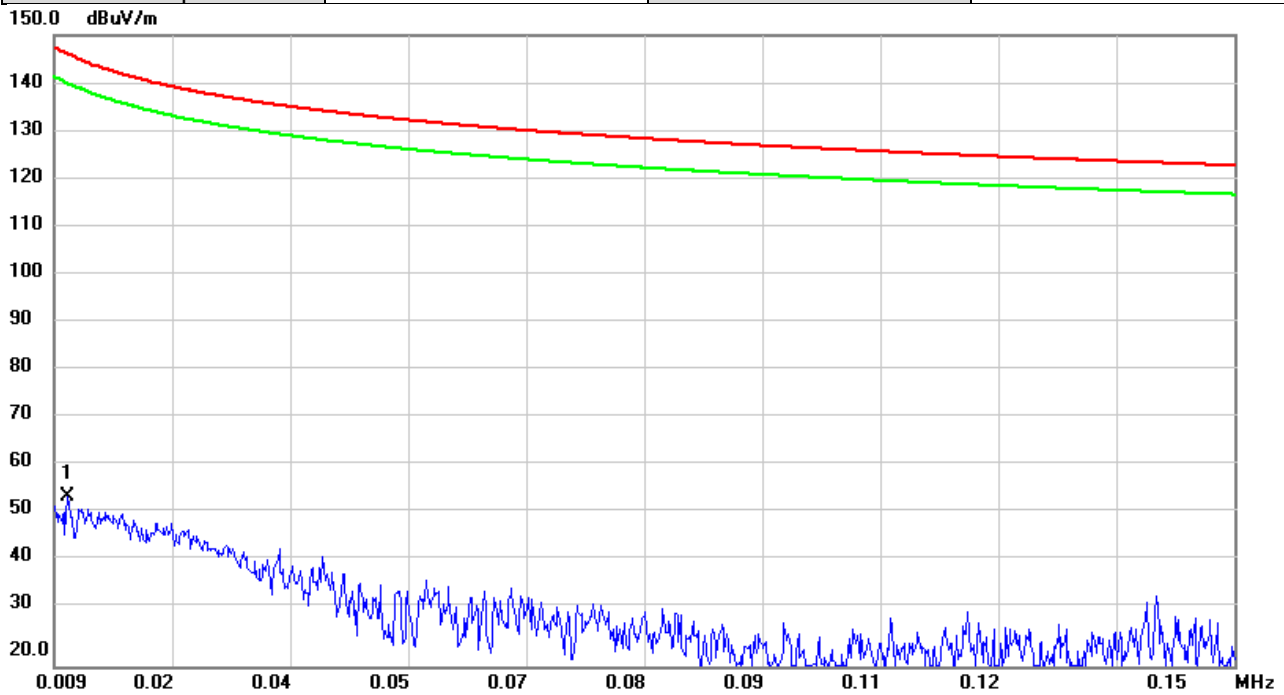


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2027	45.60	12.38	57.98	120.55	-62.57	AVG	
2	*	2.5002	52.48	-2.38	50.10	88.62	-38.52	QP	
3		9.9985	47.36	-2.54	44.82	88.62	-43.80	QP	
4		15.3626	34.98	-3.04	31.94	88.62	-56.68	QP	
5		21.6021	18.83	-3.26	15.57	88.62	-73.05	QP	
6		26.1145	22.04	-2.69	19.35	88.62	-69.27	QP	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/27
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%

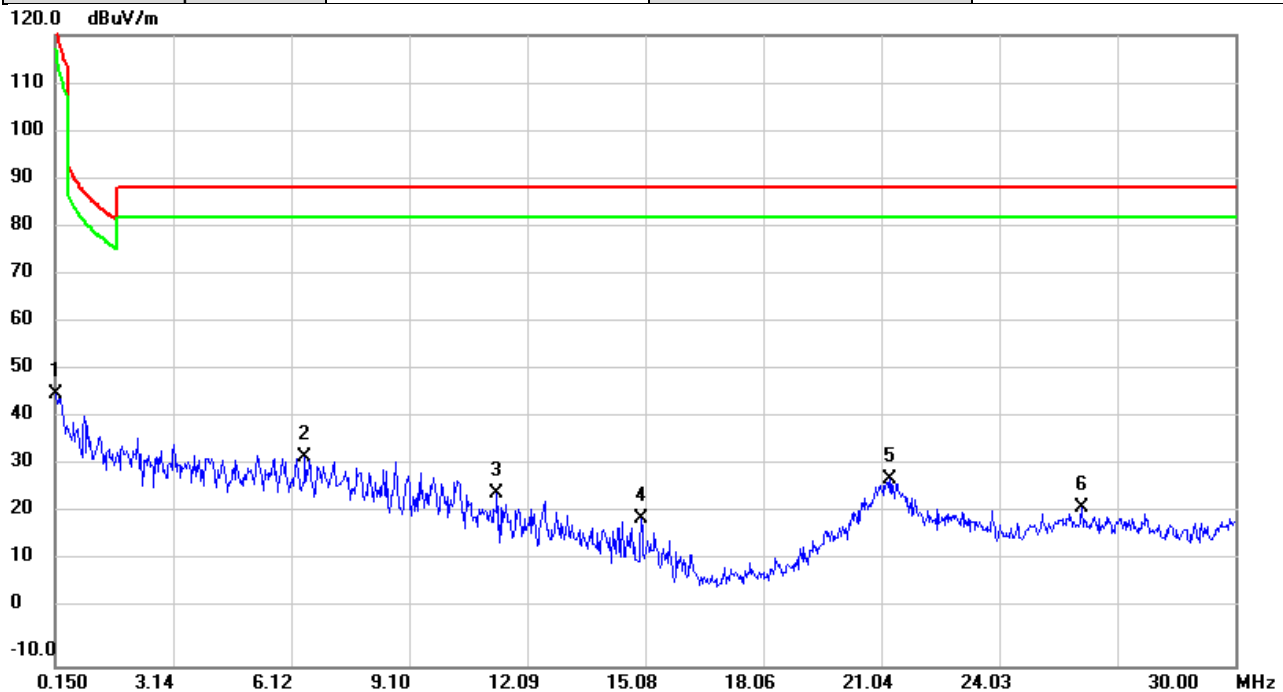


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0106	18.46	36.37	54.83	146.18	-91.35	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/27
Test Frequency	2462MHz	Polarization	Horizontal
Temp	23°C	Hum.	54%



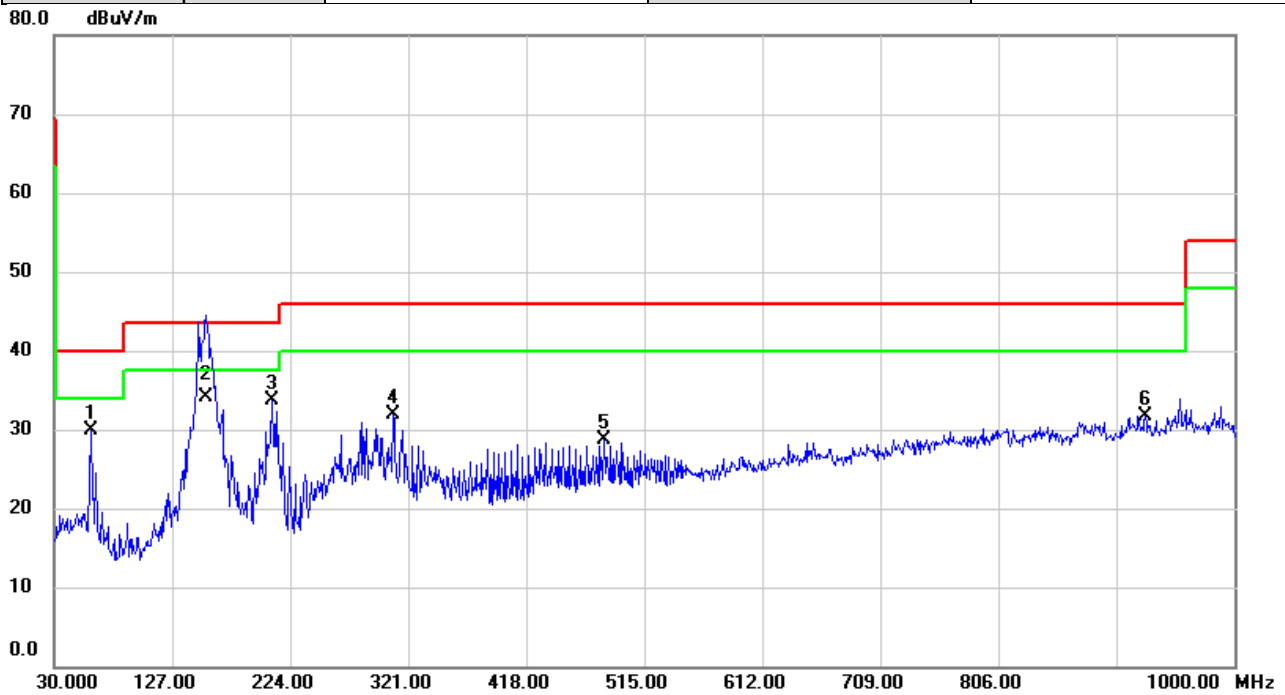
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	31.13	14.93	46.06	123.16	-77.10	AVG	
2	*	6.4692	36.48	-3.33	33.15	88.62	-55.47	QP	
3		11.3258	28.18	-2.66	25.52	88.62	-63.10	QP	
4		14.9735	23.52	-3.00	20.52	88.62	-68.10	QP	
5		21.2570	31.91	-3.30	28.61	88.62	-60.01	QP	
6		26.1225	25.34	-2.69	22.65	88.62	-65.97	QP	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2025/10/23
Test Frequency	2462MHz	Polarization	Horizontal
Temp	21°C	Hum.	59%

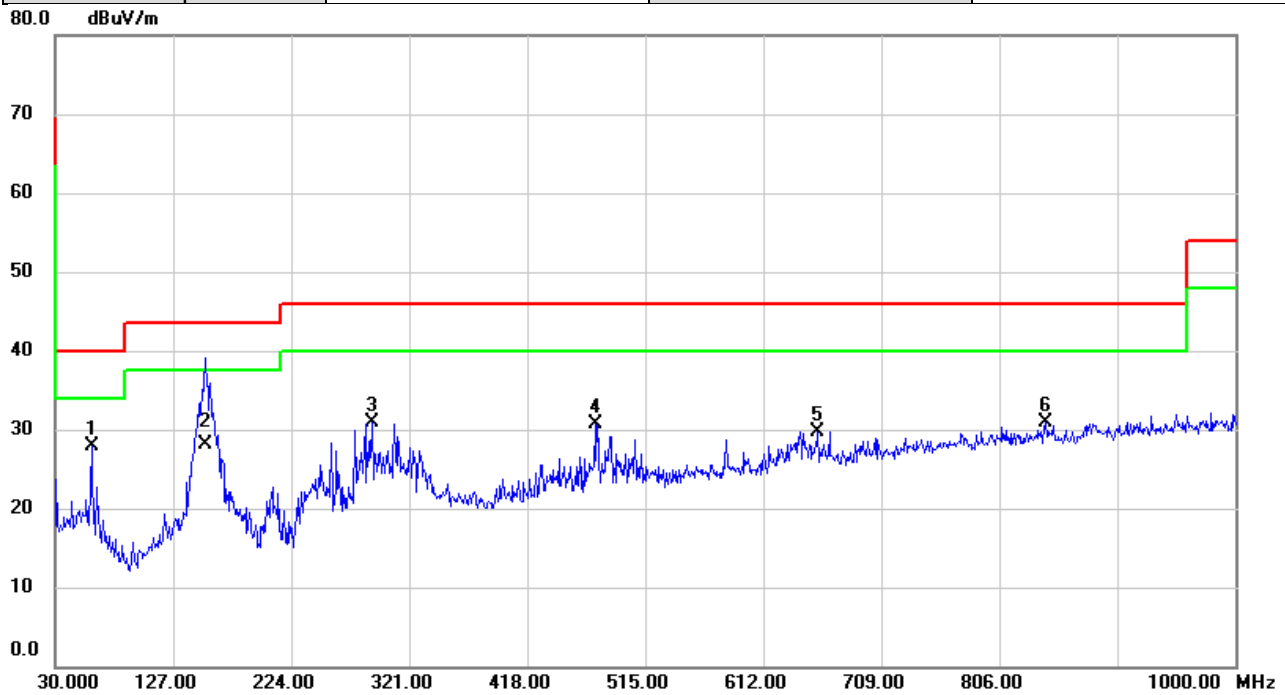


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		60.0053	41.98	-12.08	29.90	40.00	-10.10	peak	
2	*	154.5156	45.62	-11.53	34.09	43.50	-9.41	QP	
3		208.8033	48.89	-15.14	33.75	43.50	-9.75	peak	
4		308.7456	42.53	-10.69	31.84	46.00	-14.16	peak	
5		482.4080	35.14	-6.41	28.73	46.00	-17.27	peak	
6		926.8296	30.70	1.05	31.75	46.00	-14.25	peak	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/23
Test Frequency	2462MHz	Polarization	Vertical
Temp	21°C	Hum.	59%



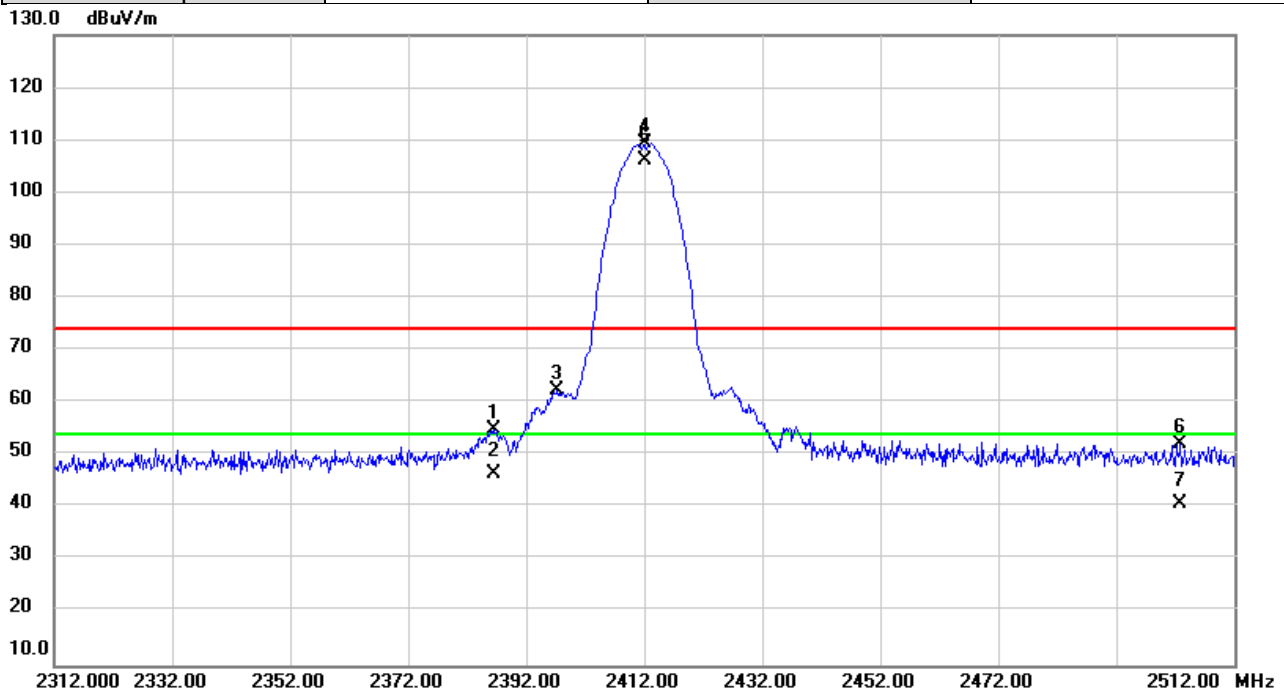
No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	60.0053	40.08	-12.08	28.00	40.00	-12.00	peak	
2		153.6103	39.63	-11.52	28.11	43.50	-15.39	QP	
3		290.8007	41.86	-11.01	30.85	46.00	-15.15	peak	
4		474.1630	37.23	-6.54	30.69	46.00	-15.31	peak	
5		657.1373	32.77	-3.06	29.71	46.00	-16.29	peak	
6		843.8623	30.80	0.15	30.95	46.00	-15.05	peak	

REMARKS:

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

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

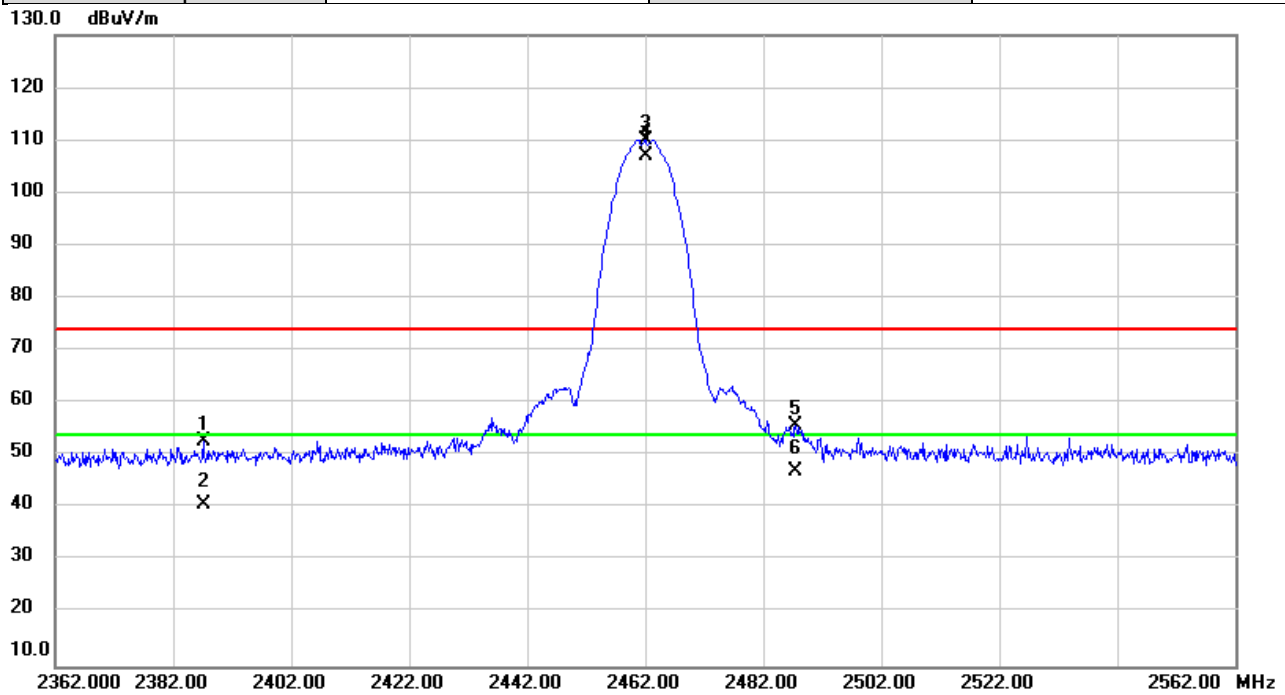


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2386.433	60.29	-5.39	54.90	74.00	-19.10	peak	
2		2386.433	51.90	-5.39	46.51	54.00	-7.49	AVG	
3		2397.280	67.83	-5.35	62.48	74.00	-11.52	peak	No Limit
4	X	2412.000	114.67	-5.29	109.38	74.00	35.38	peak	No Limit
5	*	2412.000	111.53	-5.29	106.24	54.00	52.24	AVG	No Limit
6		2502.907	57.17	-4.89	52.28	74.00	-21.72	peak	
7		2502.907	45.58	-4.89	40.69	54.00	-13.31	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

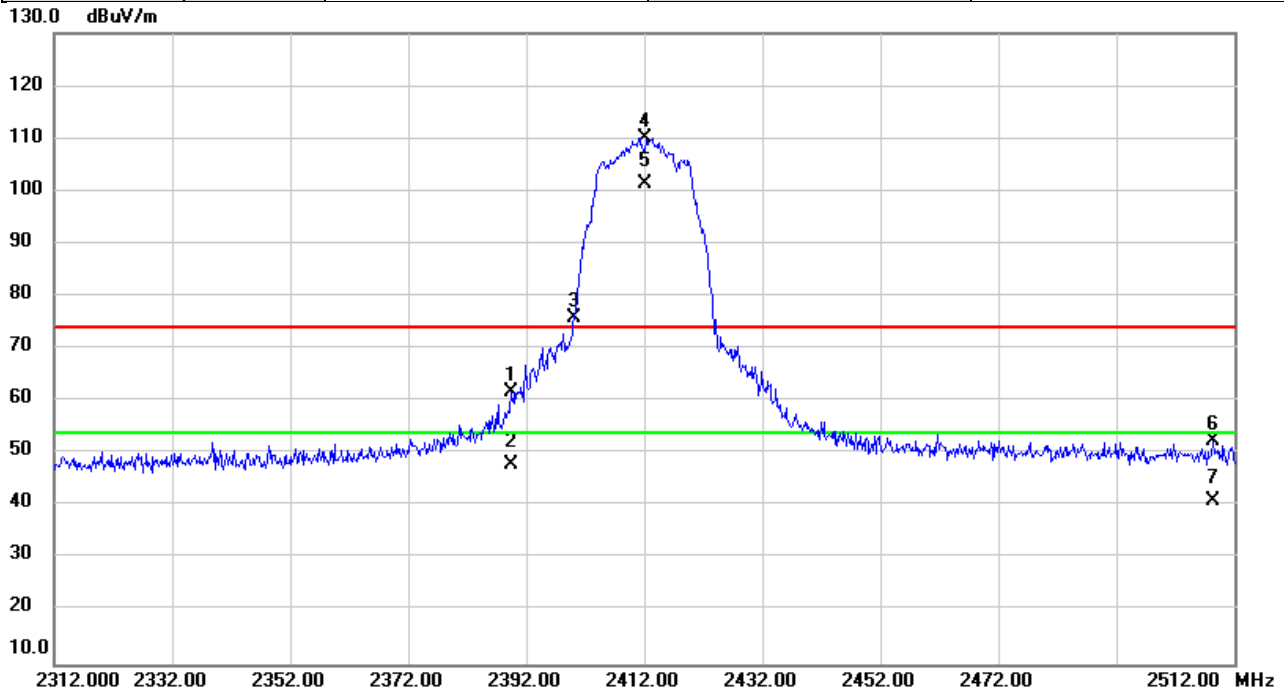


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2387.113	58.05	-5.39	52.66	74.00	-21.34	peak	
2		2387.113	45.99	-5.39	40.60	54.00	-13.40	AVG	
3	X	2462.000	115.22	-5.07	110.15	74.00	36.15	peak	No Limit
4	*	2462.000	112.17	-5.07	107.10	54.00	53.10	AVG	No Limit
5		2487.553	60.78	-4.96	55.82	74.00	-18.18	peak	
6		2487.553	51.95	-4.96	46.99	54.00	-7.01	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%



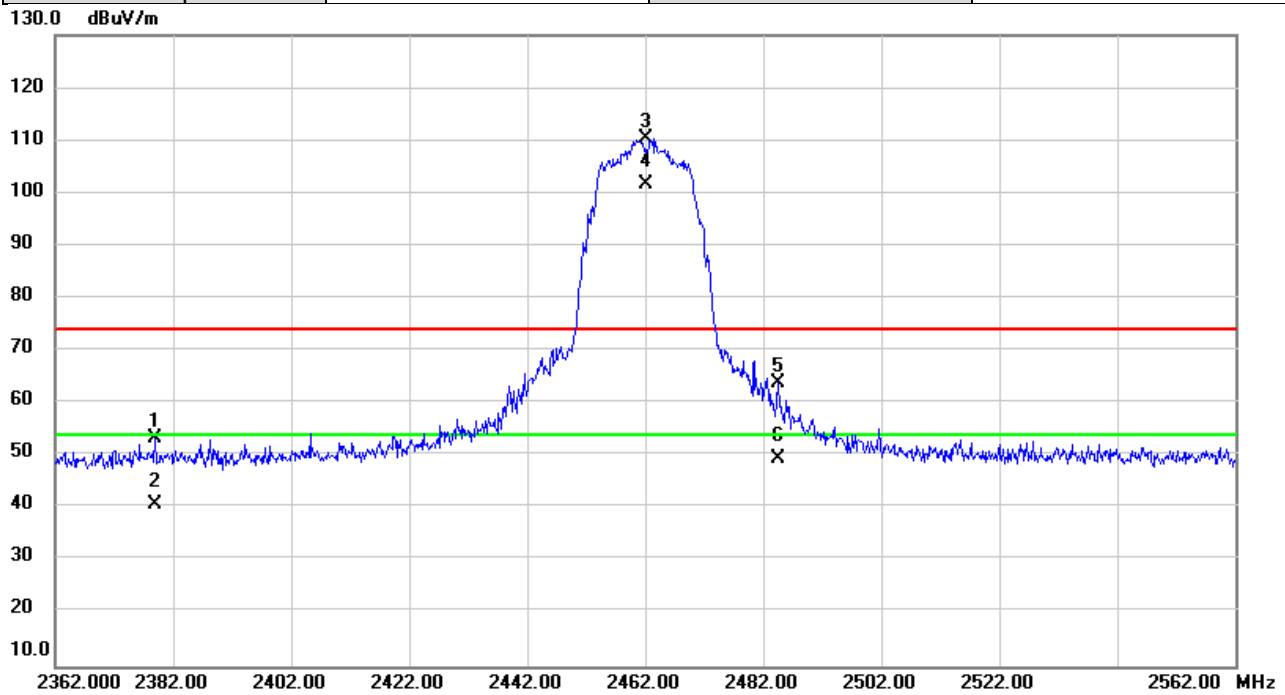
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2389.433	67.20	-5.37	61.83	74.00	-12.17	peak	
2		2389.433	53.39	-5.37	48.02	54.00	-5.98	AVG	
3	X	2400.000	81.10	-5.33	75.77	74.00	1.77	peak	No Limit
4	X	2412.000	115.43	-5.29	110.14	74.00	36.14	peak	No Limit
5	*	2412.000	106.59	-5.29	101.30	54.00	47.30	AVG	No Limit
6		2508.300	57.25	-4.88	52.37	74.00	-21.63	peak	
7		2508.300	45.82	-4.88	40.94	54.00	-13.06	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

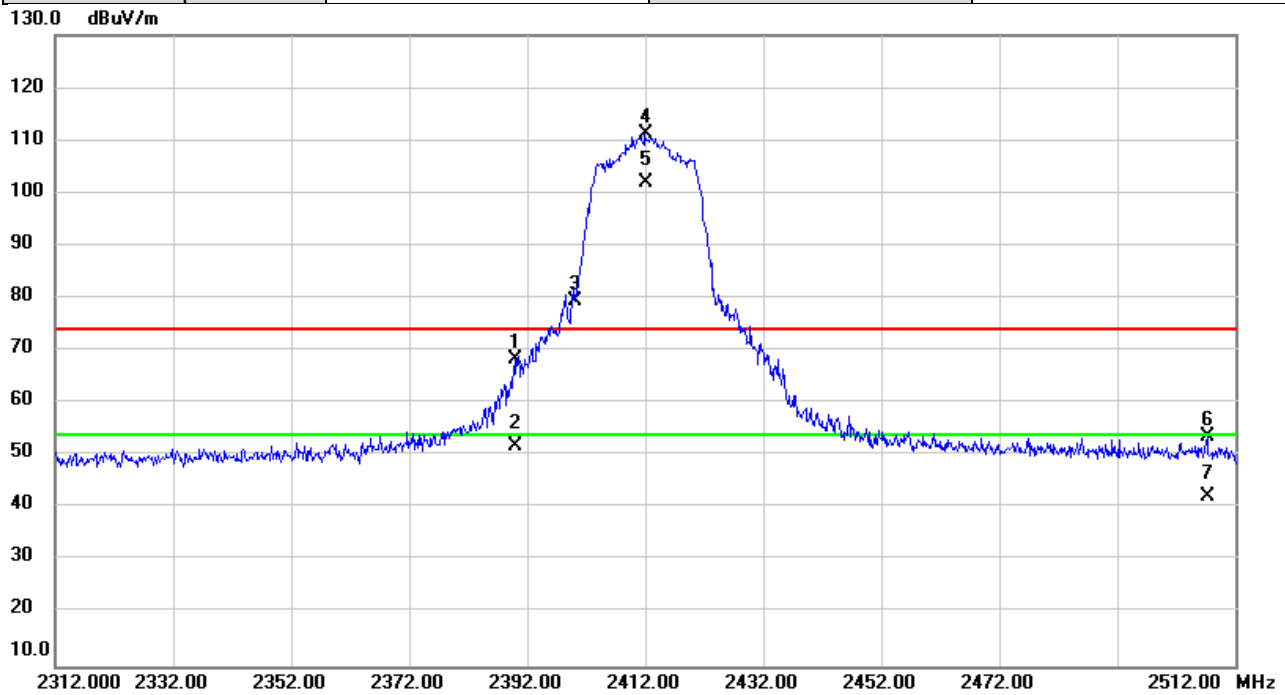


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure- ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		2379.007	58.65	-5.42	53.23	74.00	-20.77	peak	
2		2379.007	46.25	-5.42	40.83	54.00	-13.17	AVG	
3	X	2462.000	115.50	-5.07	110.43	74.00	36.43	peak	No Limit
4	*	2462.000	106.68	-5.07	101.61	54.00	47.61	AVG	No Limit
5		2484.493	68.90	-4.98	63.92	74.00	-10.08	peak	
6		2484.493	54.45	-4.98	49.47	54.00	-4.53	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%



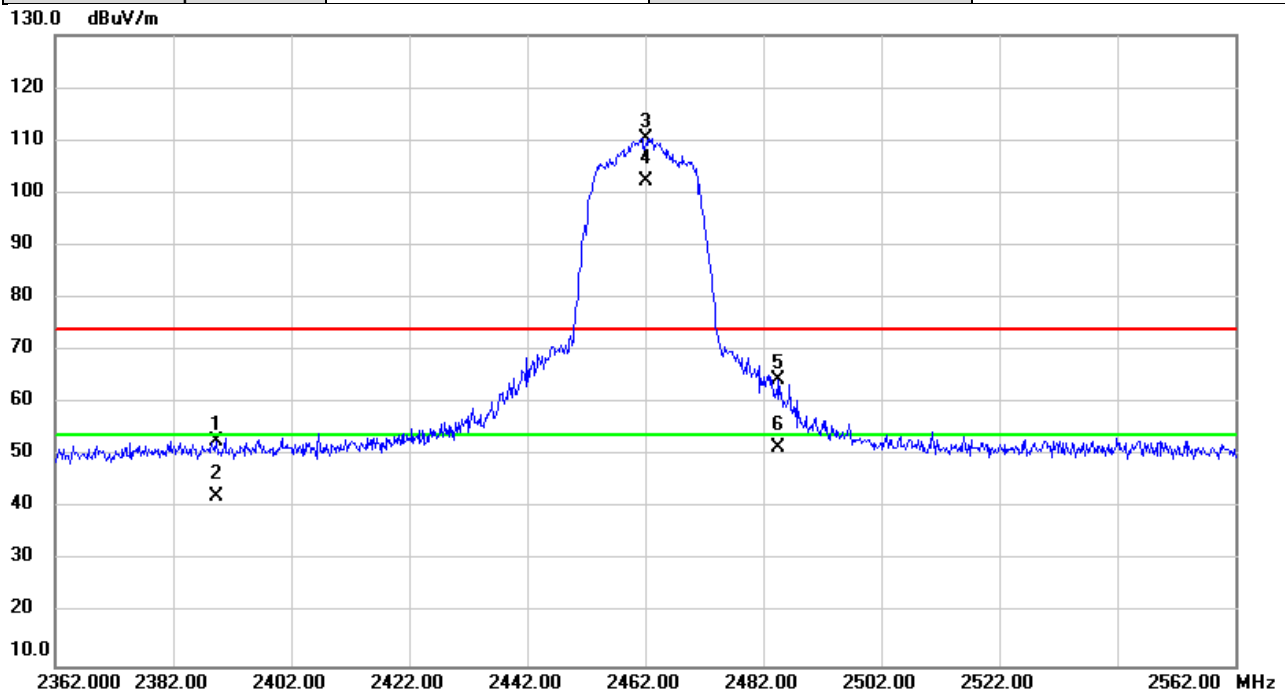
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2390.000	73.75	-5.37	68.38	74.00	-5.62	peak	
2		2390.000	57.09	-5.37	51.72	54.00	-2.28	AVG	
3	X	2400.000	84.85	-5.33	79.52	74.00	5.52	peak	No Limit
4	X	2412.000	116.41	-5.29	111.12	74.00	37.12	peak	No Limit
5	*	2412.000	107.39	-5.29	102.10	54.00	48.10	AVG	No Limit
6		2507.313	58.43	-4.88	53.55	74.00	-20.45	peak	
7		2507.313	47.06	-4.88	42.18	54.00	-11.82	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

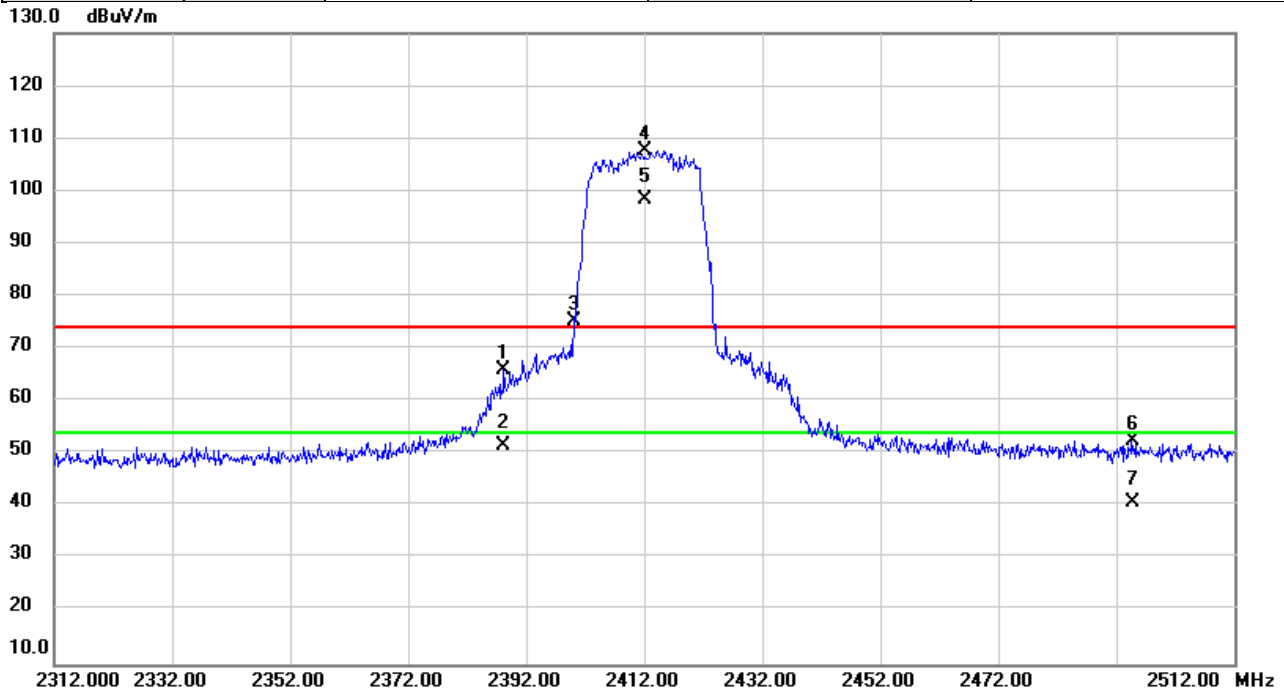


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2389.327	58.24	-5.37	52.87	74.00	-21.13	peak	
2		2389.327	47.75	-5.37	42.38	54.00	-11.62	AVG	
3	X	2462.000	115.49	-5.07	110.42	74.00	36.42	peak	No Limit
4	*	2462.000	107.27	-5.07	102.20	54.00	48.20	AVG	No Limit
5		2484.647	69.42	-4.98	64.44	74.00	-9.56	peak	
6		2484.647	56.64	-4.98	51.66	54.00	-2.34	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%



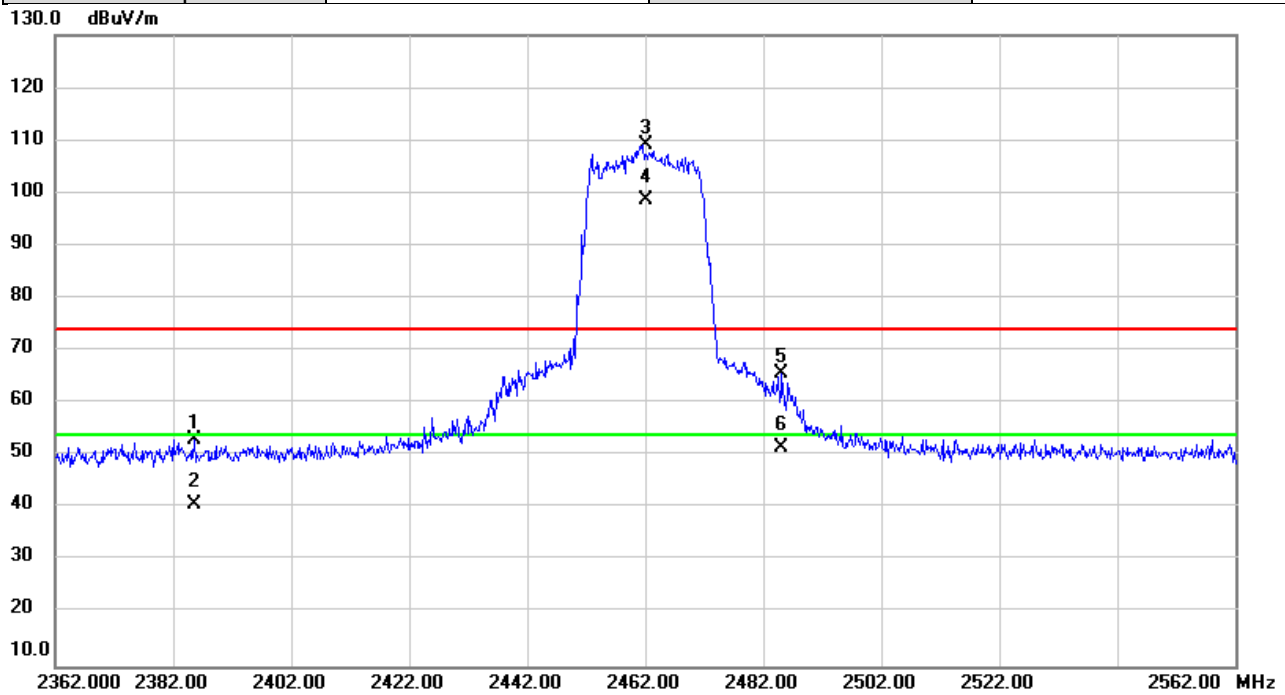
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2388.253	71.25	-5.38	65.87	74.00	-8.13	peak	
2		2388.253	56.92	-5.38	51.54	54.00	-2.46	AVG	
3	X	2400.000	80.44	-5.33	75.11	74.00	1.11	peak	No Limit
4	X	2412.000	112.88	-5.29	107.59	74.00	33.59	peak	No Limit
5	*	2412.000	103.59	-5.29	98.30	54.00	44.30	AVG	No Limit
6		2494.667	57.36	-4.93	52.43	74.00	-21.57	peak	
7		2494.667	45.77	-4.93	40.84	54.00	-13.16	AVG	

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

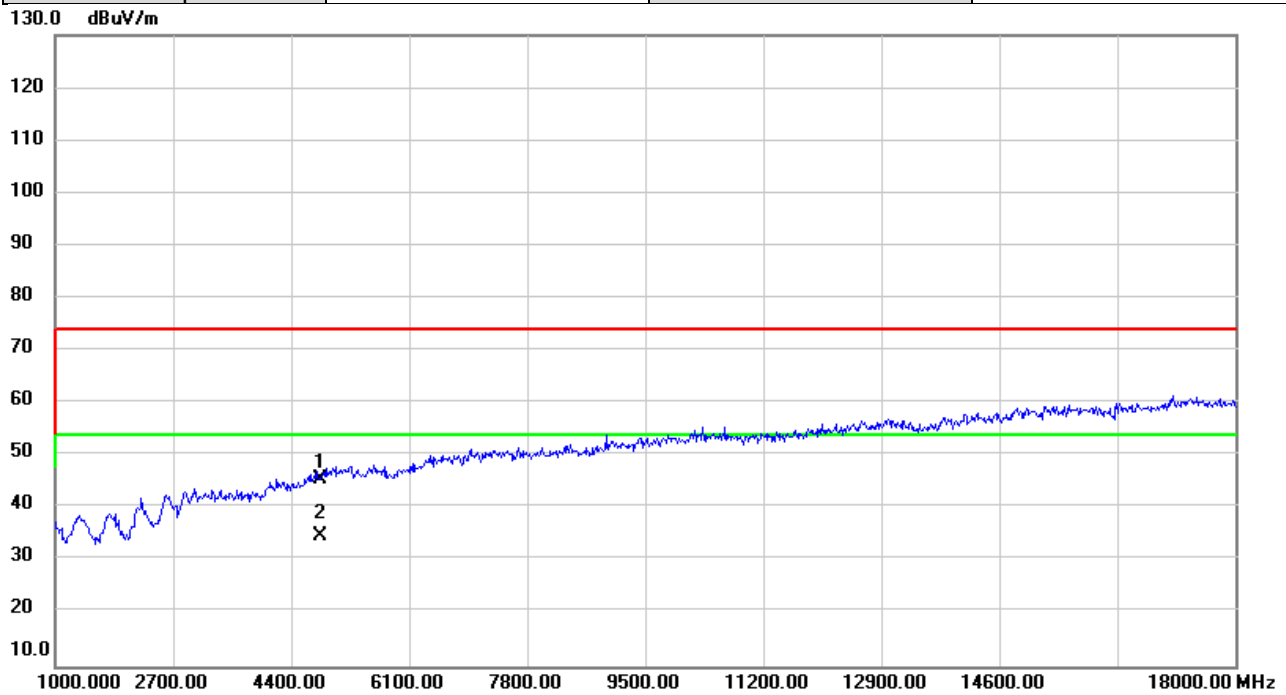


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		2385.553	58.58	-5.40	53.18	74.00	-20.82	peak	
2		2385.553	46.26	-5.40	40.86	54.00	-13.14	AVG	
3	X	2462.000	114.18	-5.07	109.11	74.00	35.11	peak	No Limit
4	*	2462.000	103.70	-5.07	98.63	54.00	44.63	AVG	No Limit
5		2485.060	70.59	-4.98	65.61	74.00	-8.39	peak	
6		2485.060	56.42	-4.98	51.44	54.00	-2.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

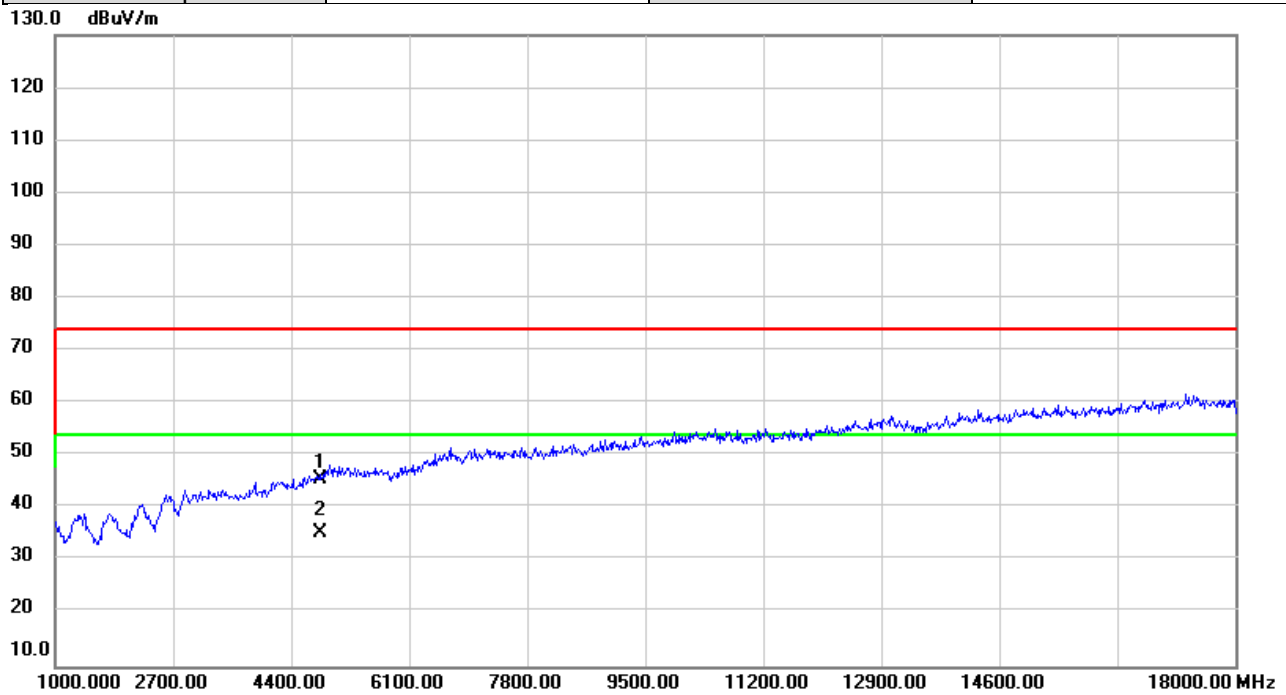


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.97	1.68	45.65	74.00	-28.35	peak	
2	*	4824.000	33.09	1.68	34.77	54.00	-19.23	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

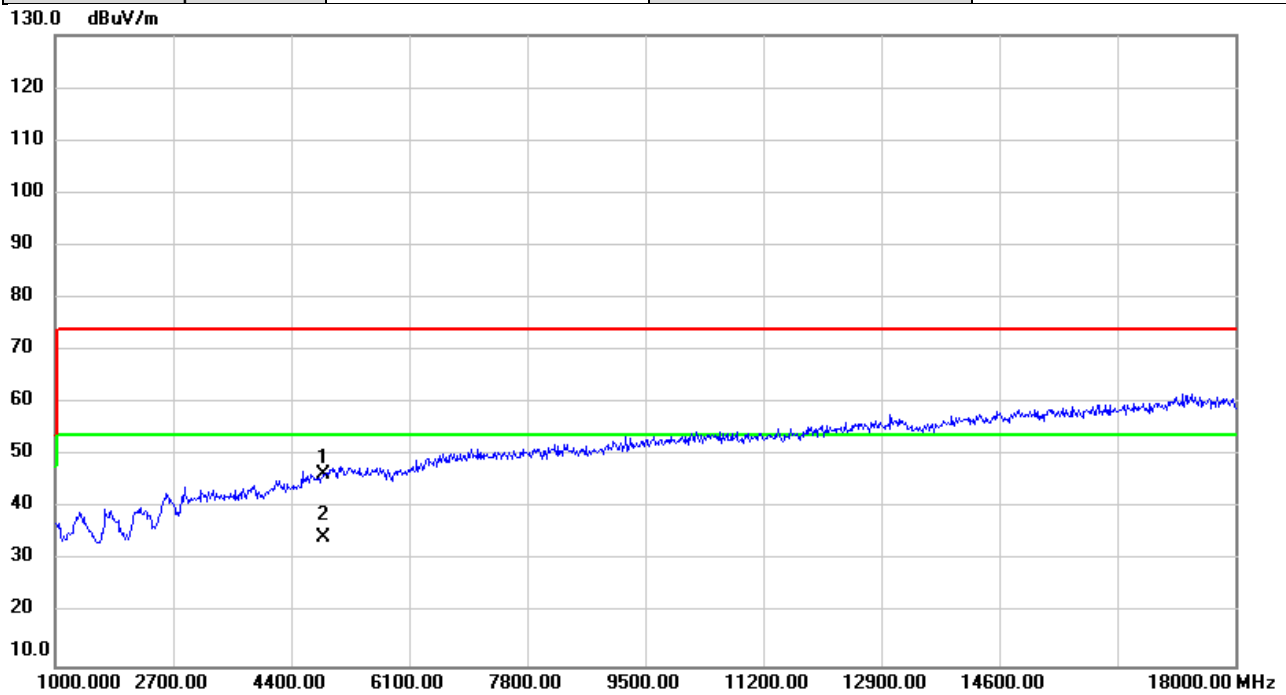


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.76	1.68	45.44	74.00	-28.56	peak	
2	*	4824.000	33.65	1.68	35.33	54.00	-18.67	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

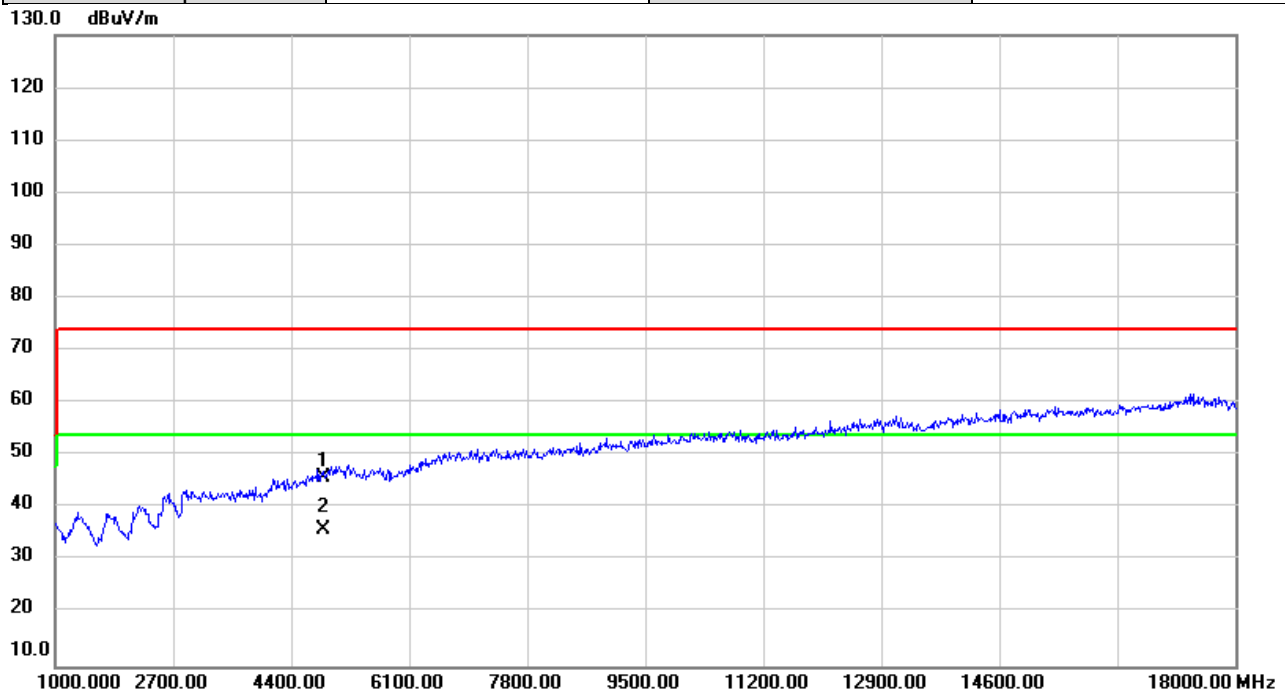


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.45	1.88	46.33	74.00	-27.67	peak	
2	*	4874.000	32.56	1.88	34.44	54.00	-19.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

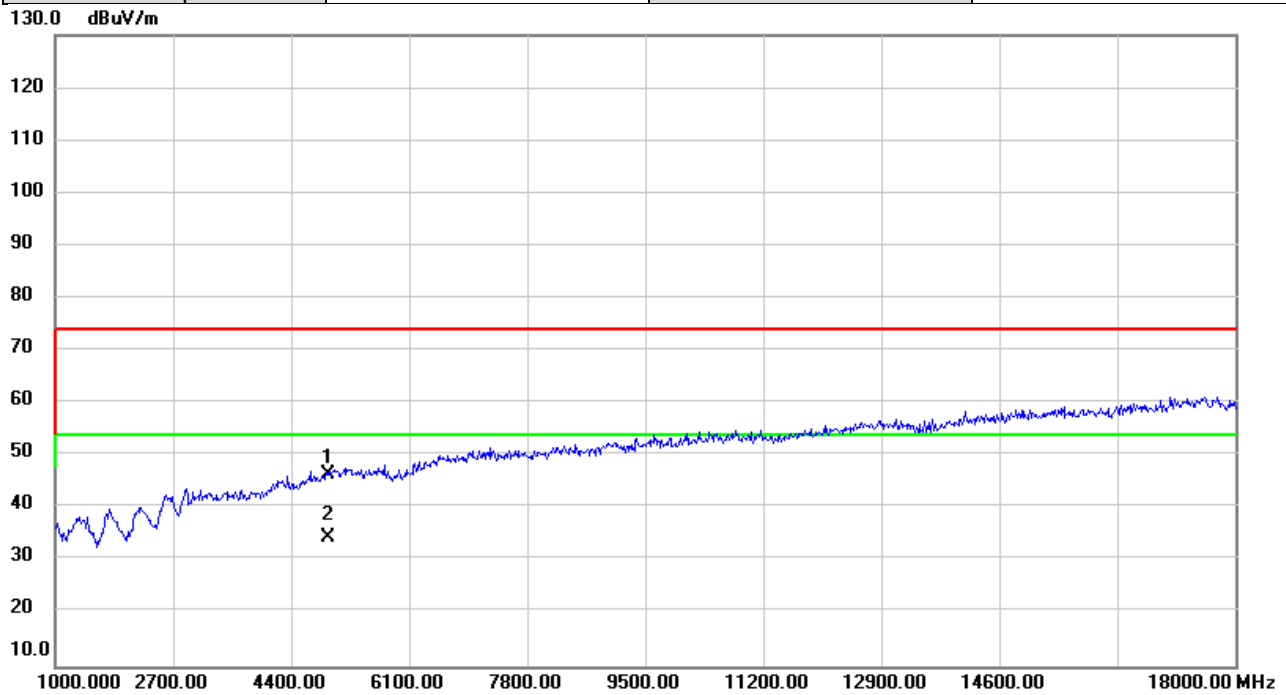


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4874.000	43.89	1.88	45.77	74.00	-28.23	peak	
2	*	4874.000	34.17	1.88	36.05	54.00	-17.95	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

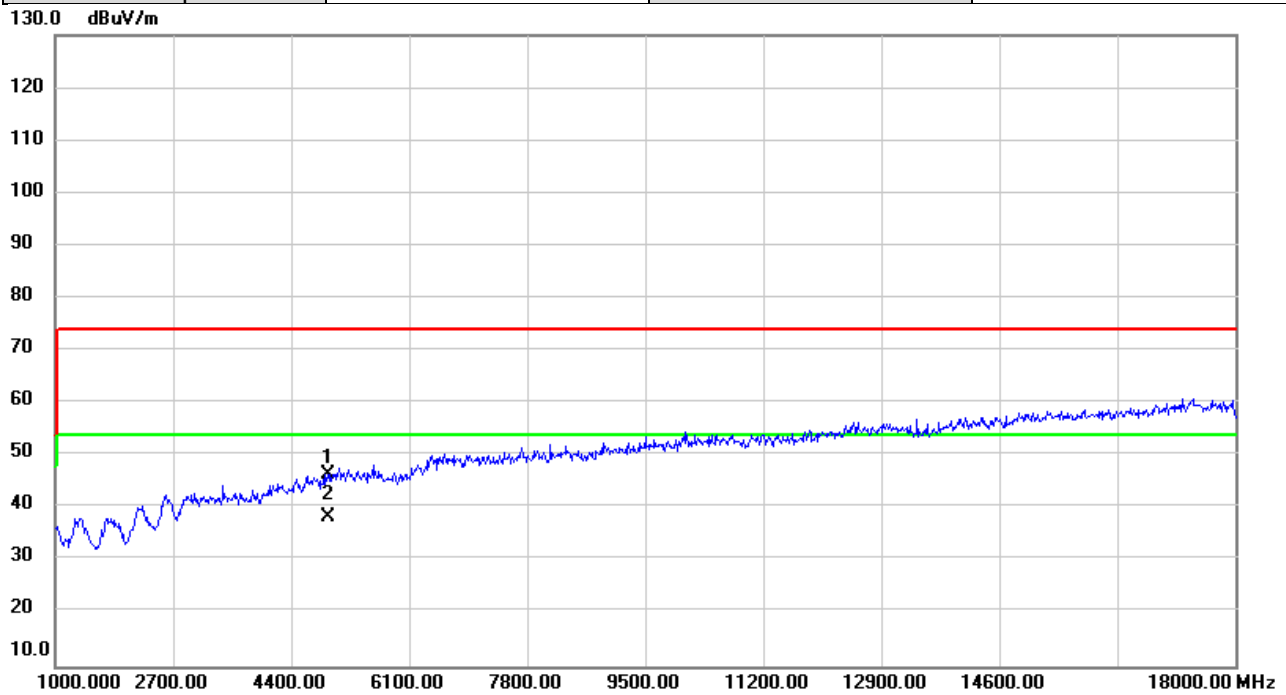


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.51	2.08	46.59	74.00	-27.41	peak	
2	*	4924.000	32.48	2.08	34.56	54.00	-19.44	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

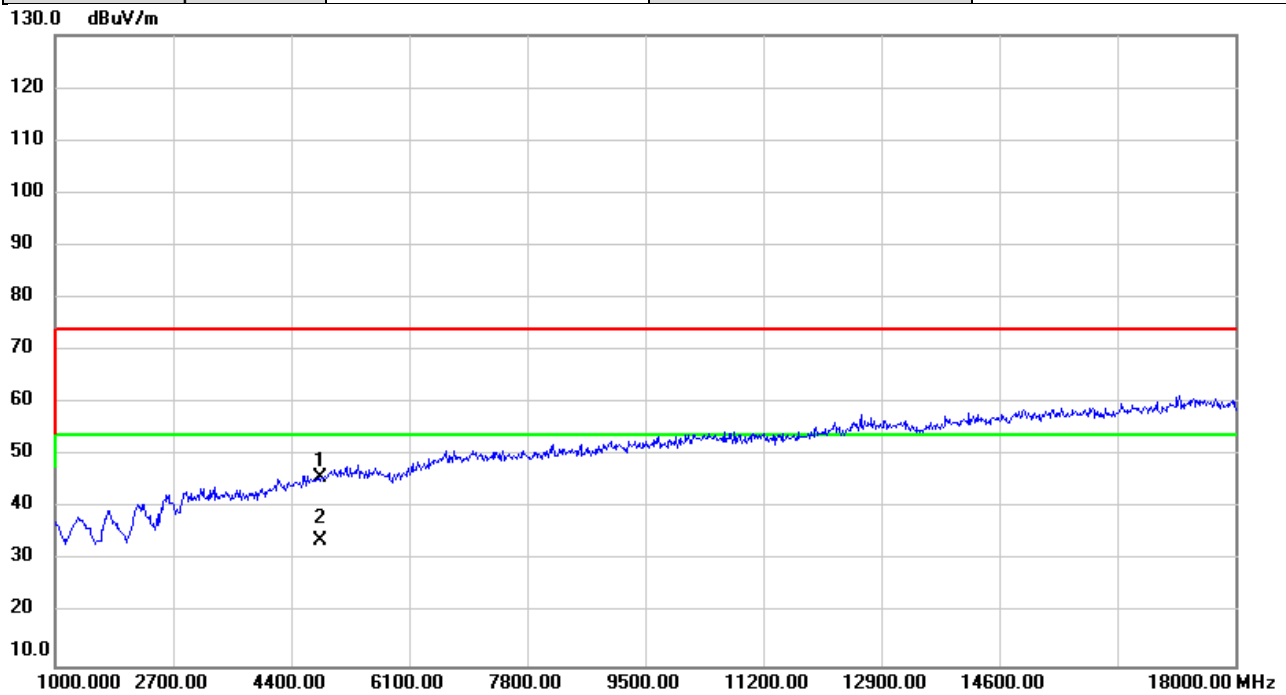


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.41	2.08	46.49	74.00	-27.51	peak	
2	*	4924.000	36.36	2.08	38.44	54.00	-15.56	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

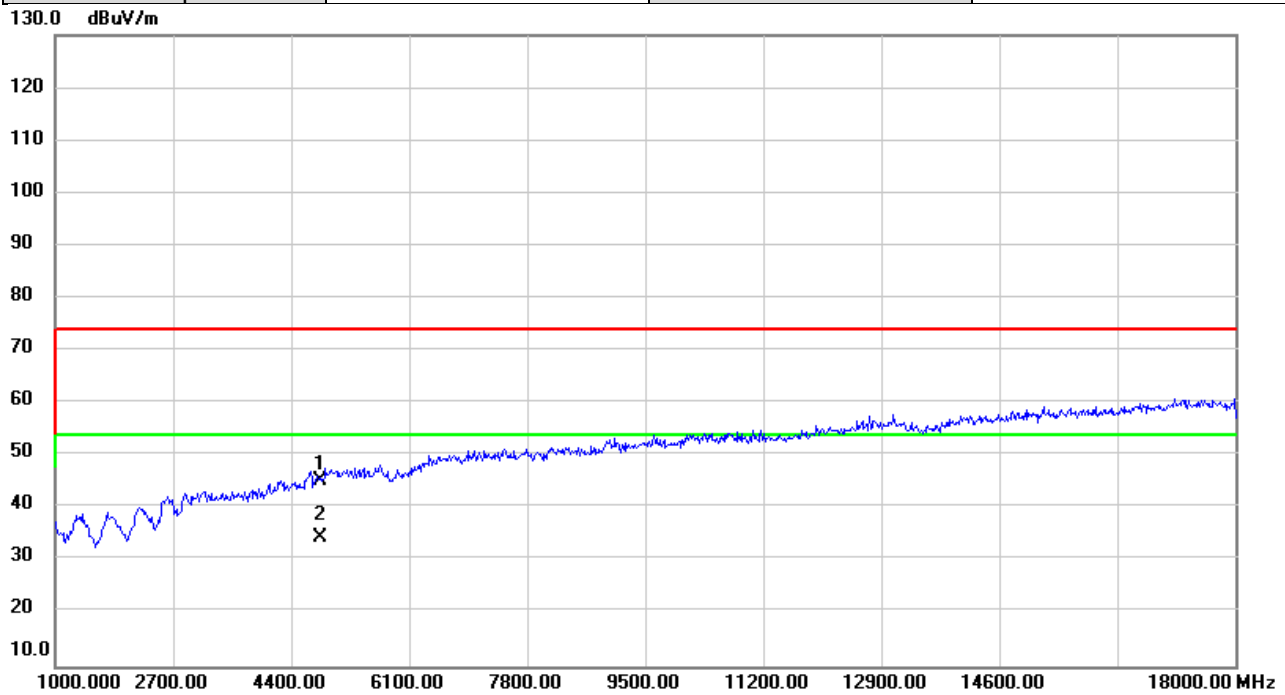


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.09	1.68	45.77	74.00	-28.23	peak	
2	*	4824.000	32.02	1.68	33.70	54.00	-20.30	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

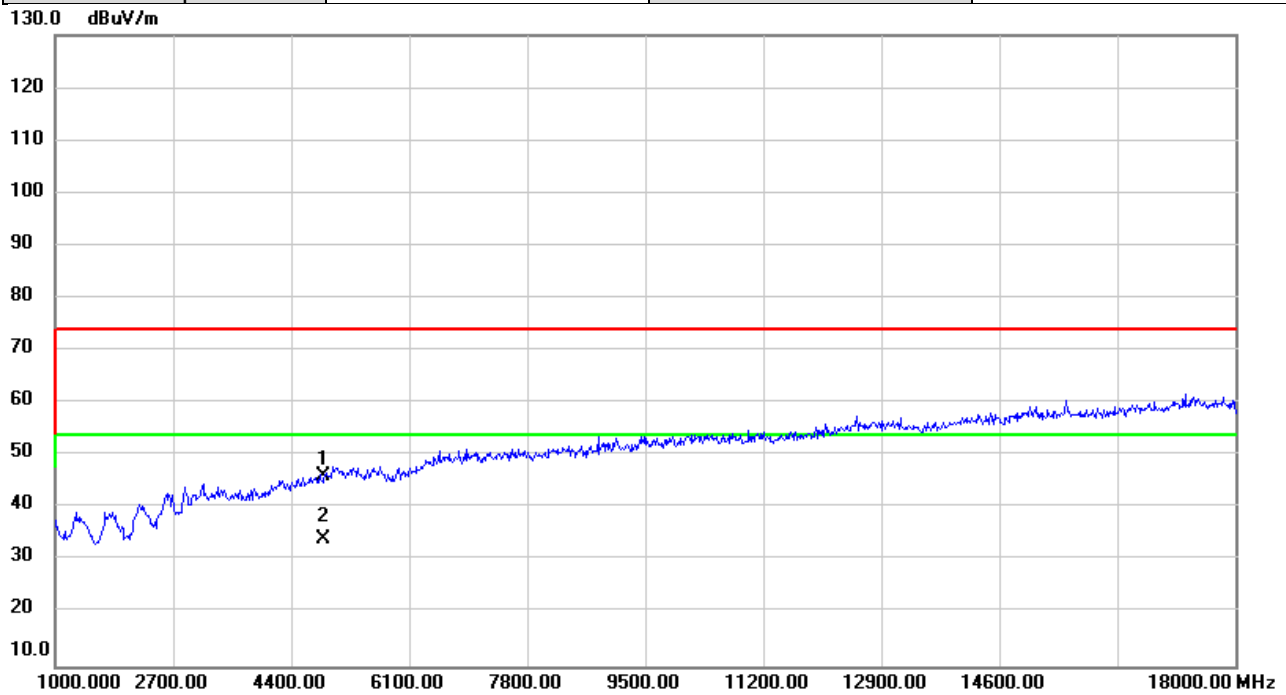


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.68	1.68	45.36	74.00	-28.64	peak	
2	*	4824.000	32.71	1.68	34.39	54.00	-19.61	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

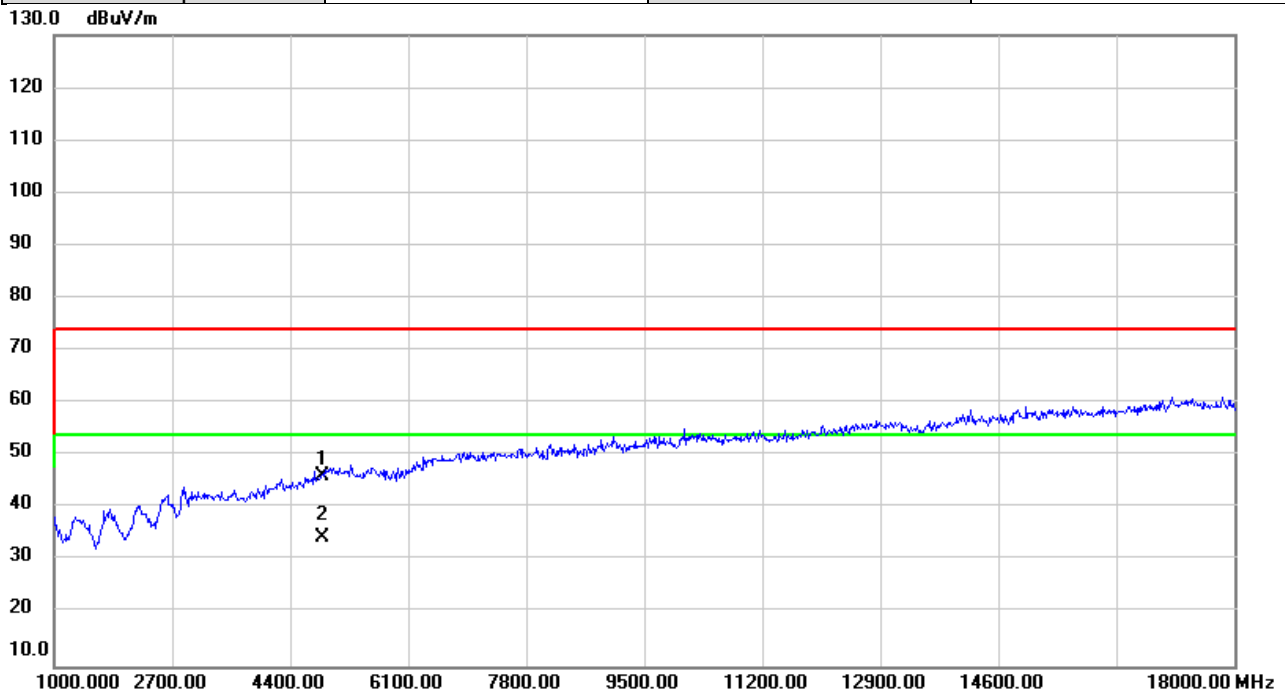


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.24	1.88	46.12	74.00	-27.88	peak	
2	*	4874.000	32.30	1.88	34.18	54.00	-19.82	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

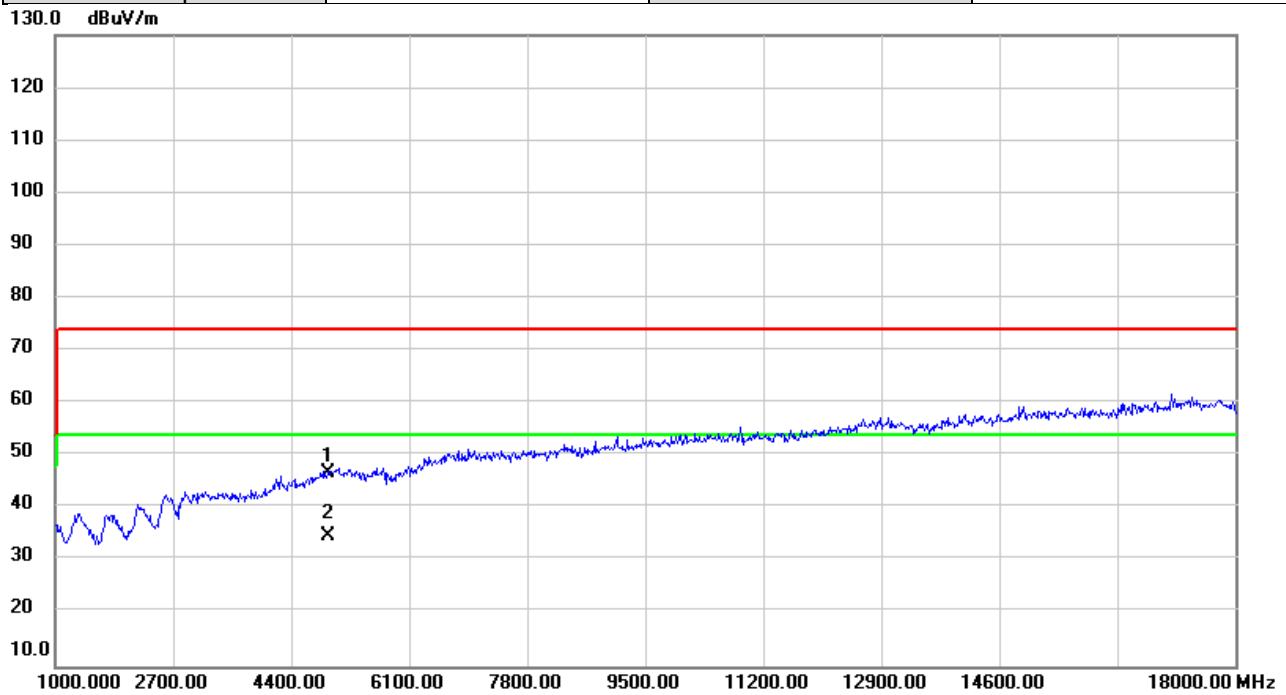


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.25	1.88	46.13	74.00	-27.87	peak	
2	*	4874.000	32.59	1.88	34.47	54.00	-19.53	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

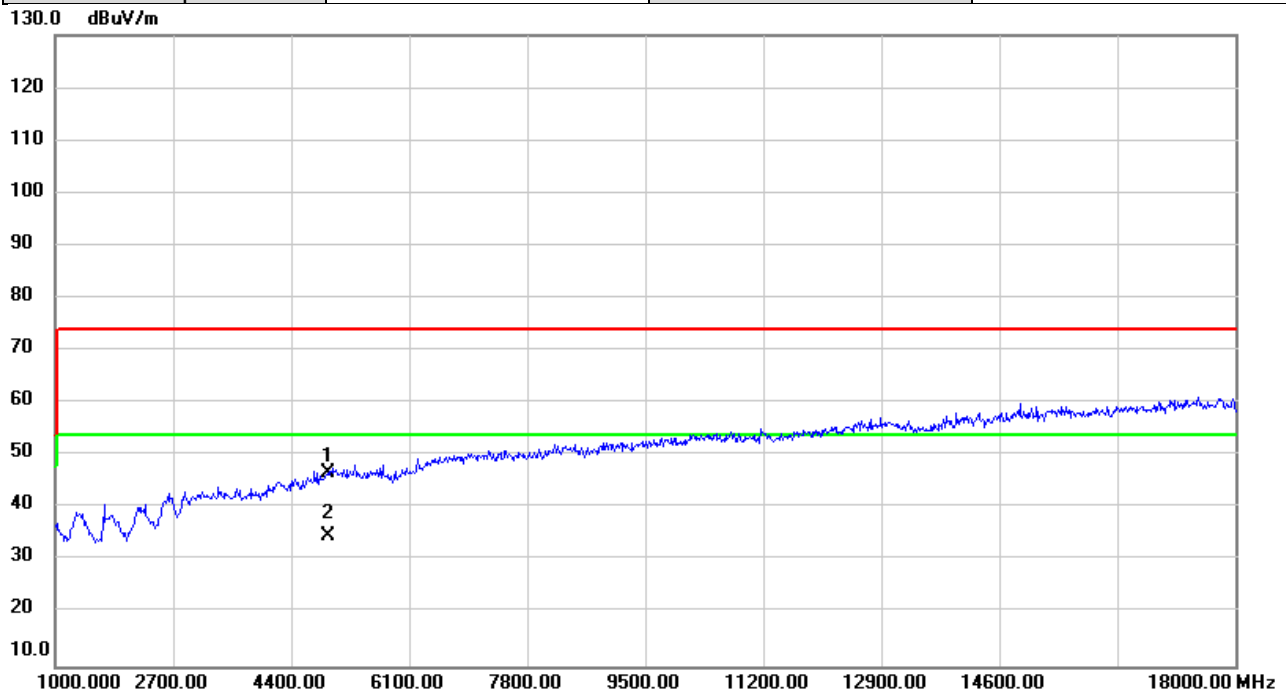


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.52	2.08	46.60	74.00	-27.40	peak	
2	*	4924.000	32.71	2.08	34.79	54.00	-19.21	AVG	

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

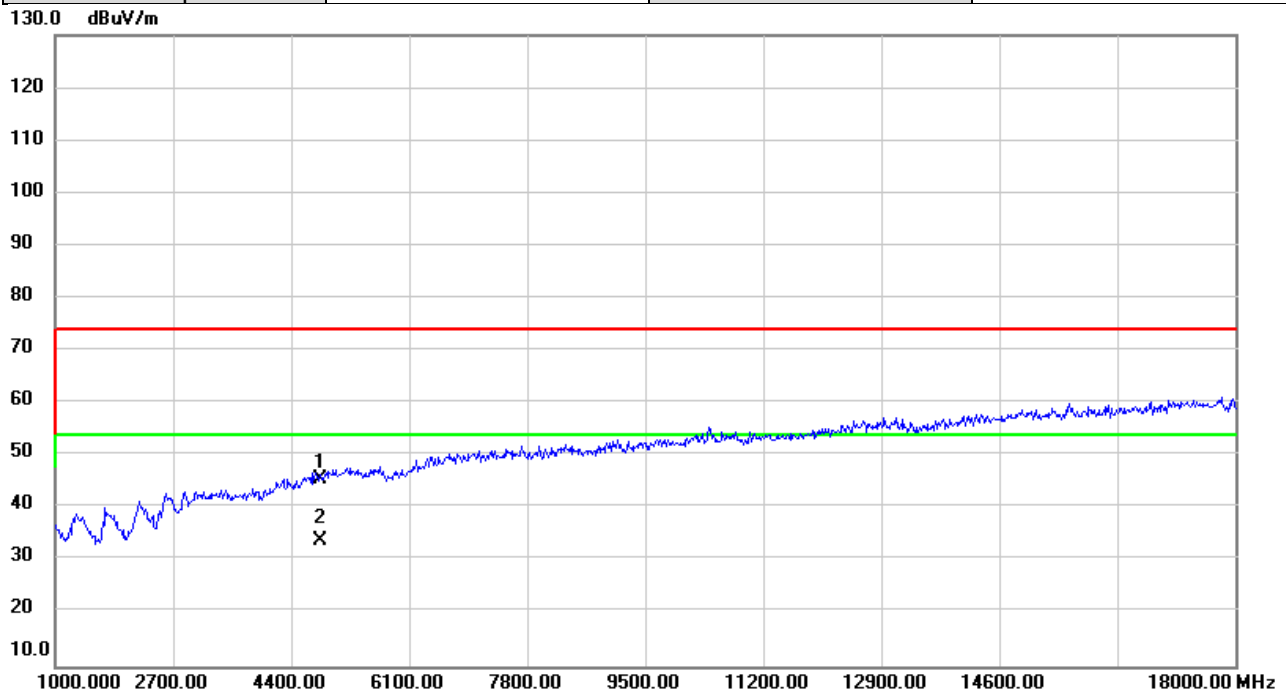


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.69	2.08	46.77	74.00	-27.23	peak	
2	*	4924.000	32.64	2.08	34.72	54.00	-19.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

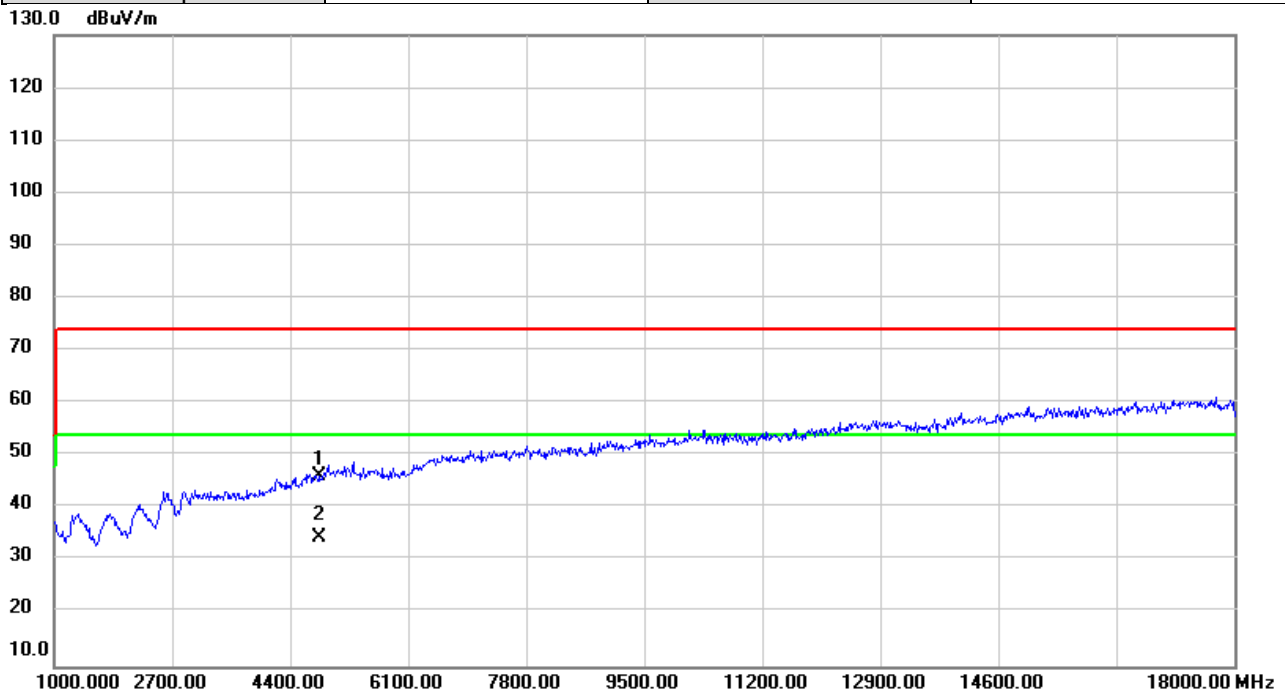


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.83	1.68	45.51	74.00	-28.49	peak	
2	*	4824.000	32.03	1.68	33.71	54.00	-20.29	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

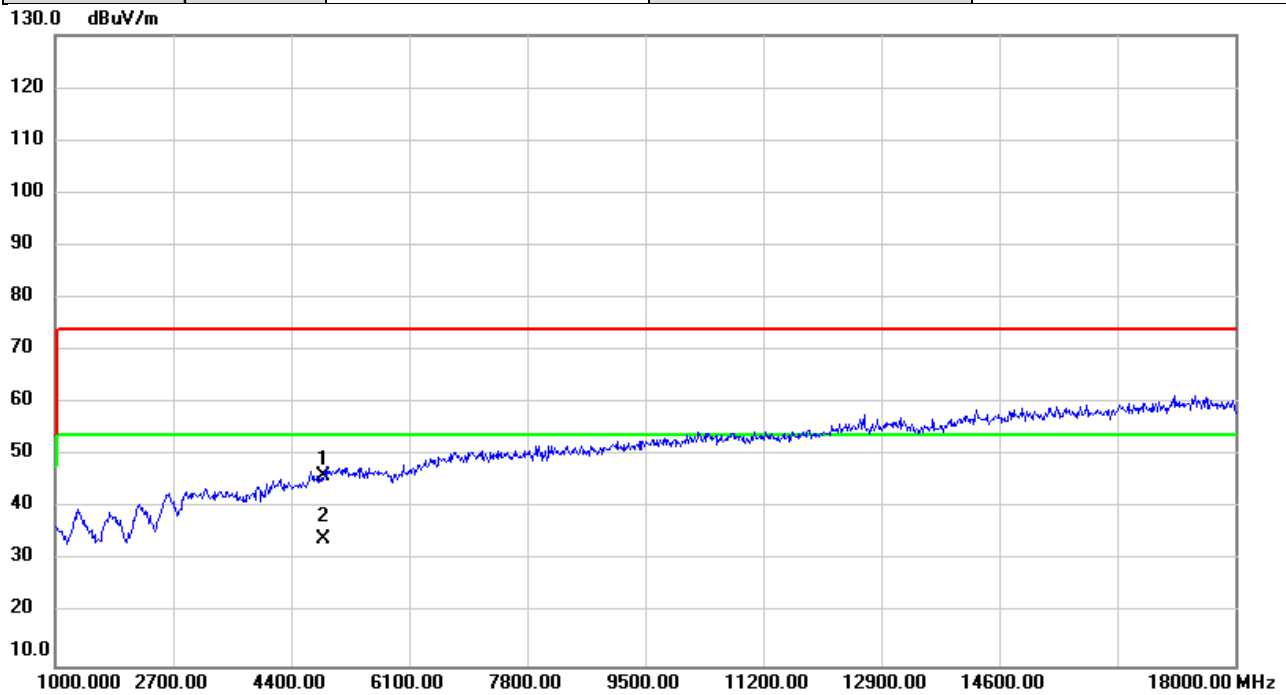


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.59	1.68	46.27	74.00	-27.73	peak	
2	*	4824.000	32.81	1.68	34.49	54.00	-19.51	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

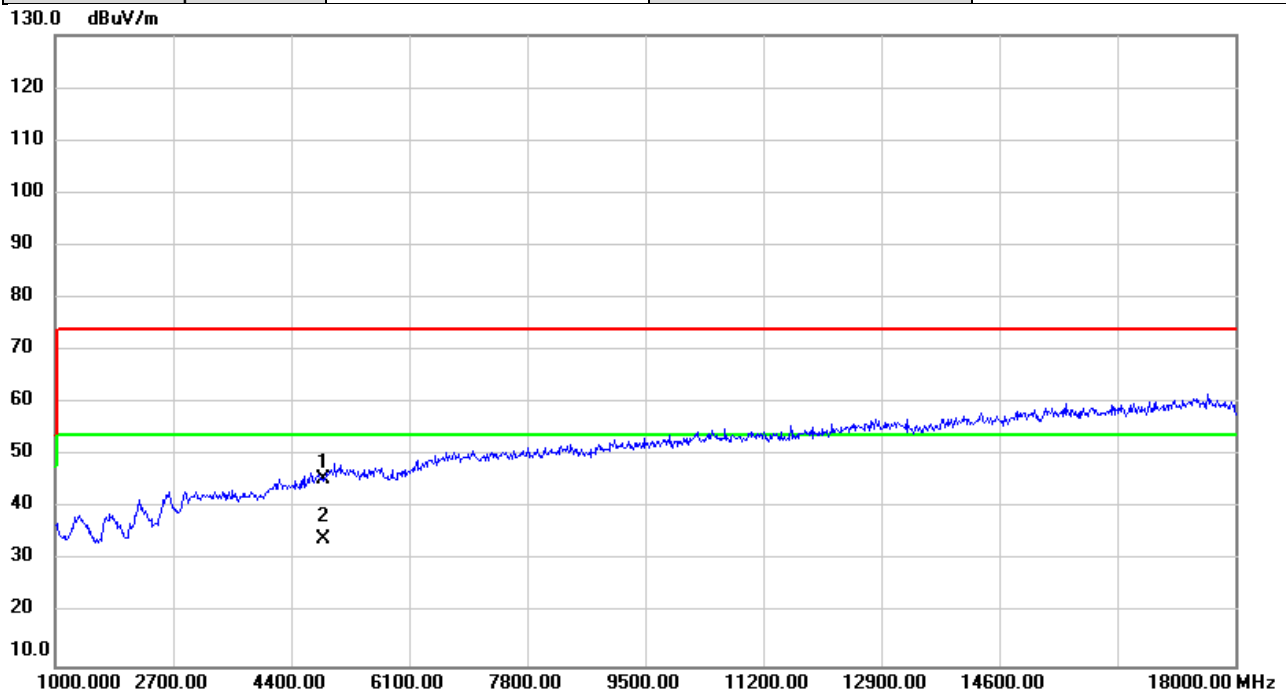


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.41	1.88	46.29	74.00	-27.71	peak	
2	*	4874.000	32.34	1.88	34.22	54.00	-19.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

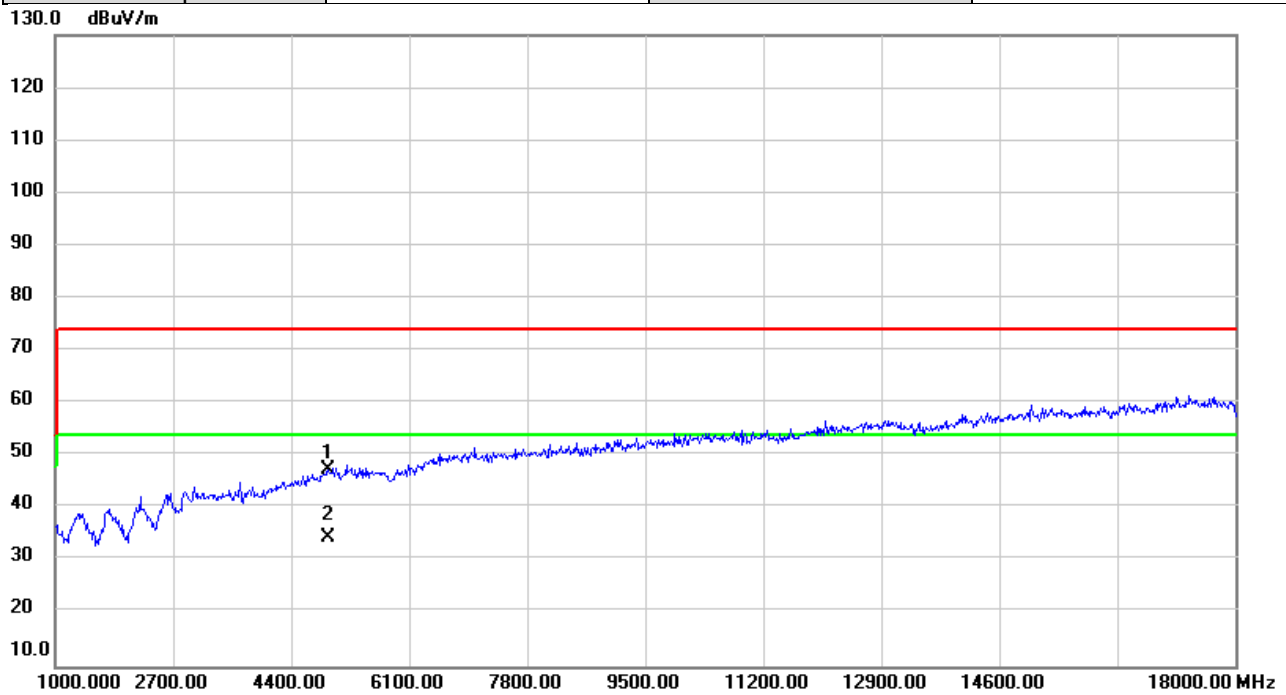


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	43.63	1.88	45.51	74.00	-28.49	peak	
2	*	4874.000	32.40	1.88	34.28	54.00	-19.72	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

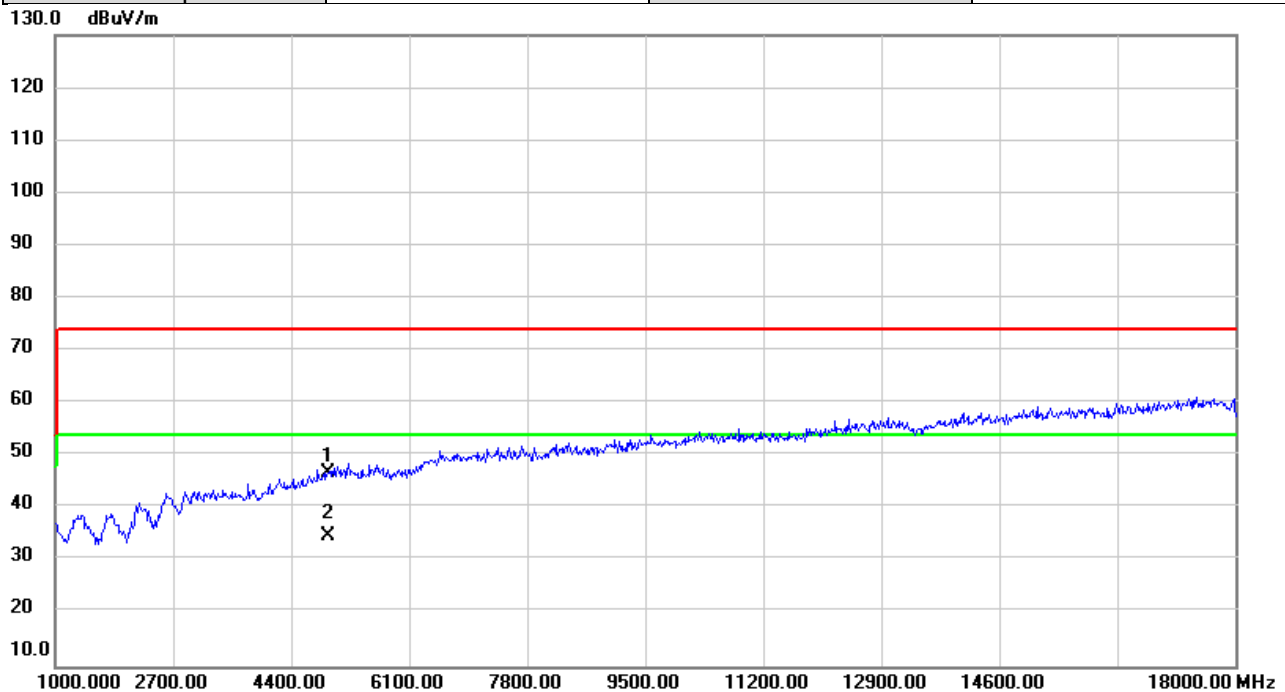


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		4924.000	45.37	2.08	47.45	74.00	-26.55	peak	
2	*	4924.000	32.39	2.08	34.47	54.00	-19.53	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

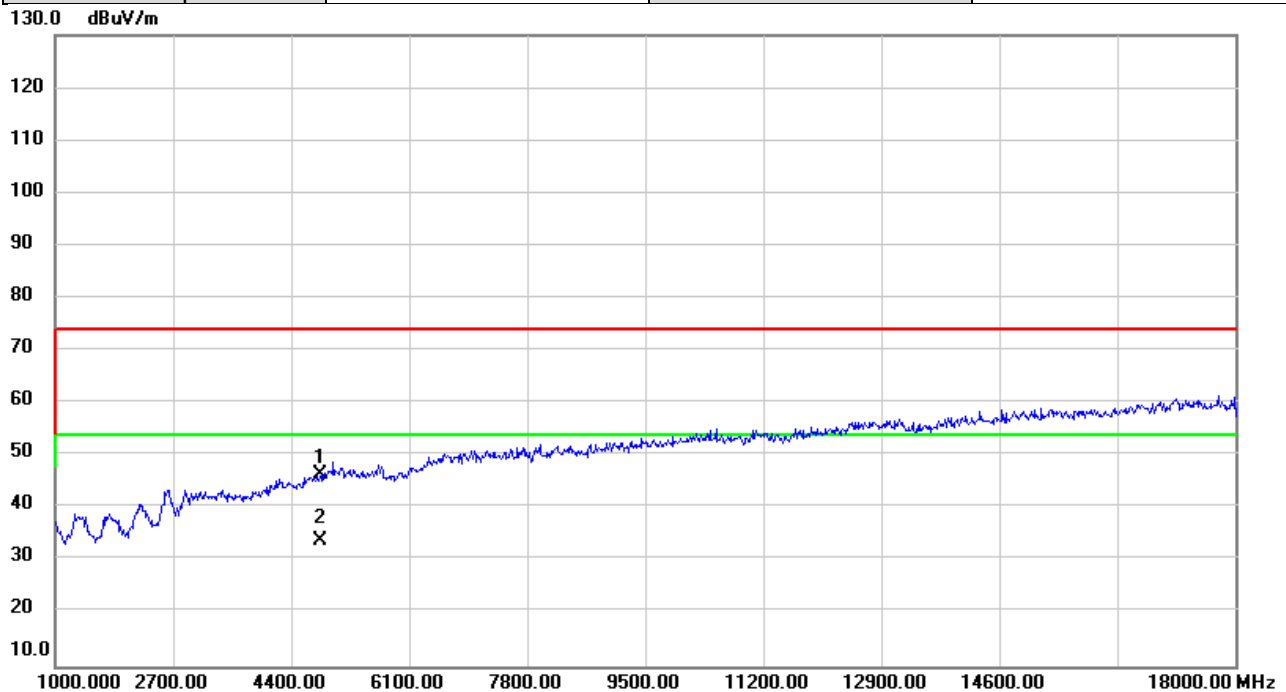


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.81	2.08	46.89	74.00	-27.11	peak	
2	*	4924.000	32.64	2.08	34.72	54.00	-19.28	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

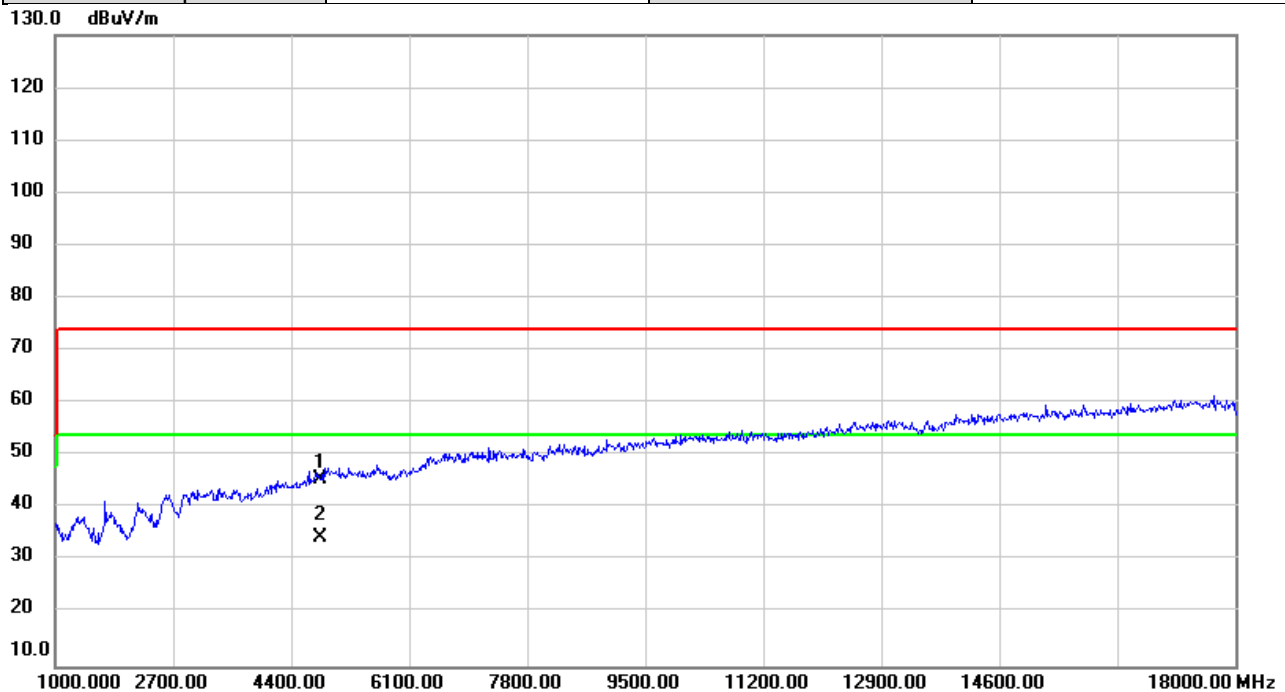


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	44.72	1.68	46.40	74.00	-27.60	peak	
2	*	4824.000	32.17	1.68	33.85	54.00	-20.15	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2412MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

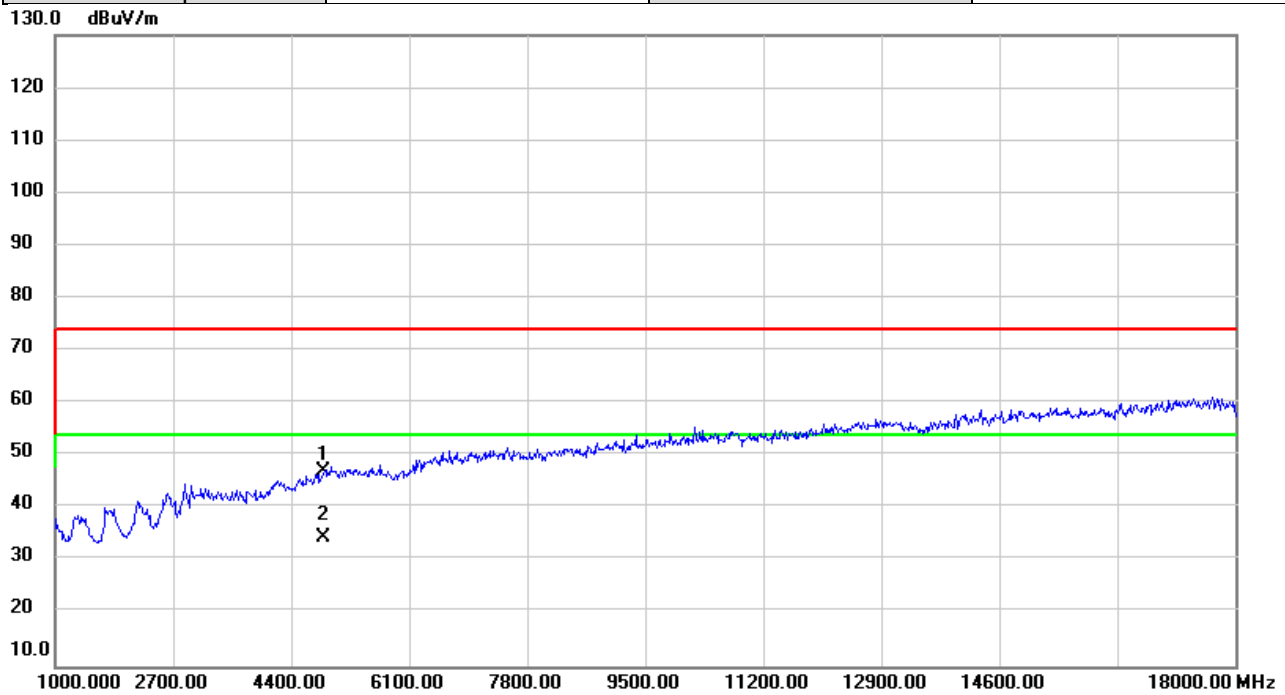


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4824.000	43.79	1.68	45.47	74.00	-28.53	peak	
2	*	4824.000	32.73	1.68	34.41	54.00	-19.59	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

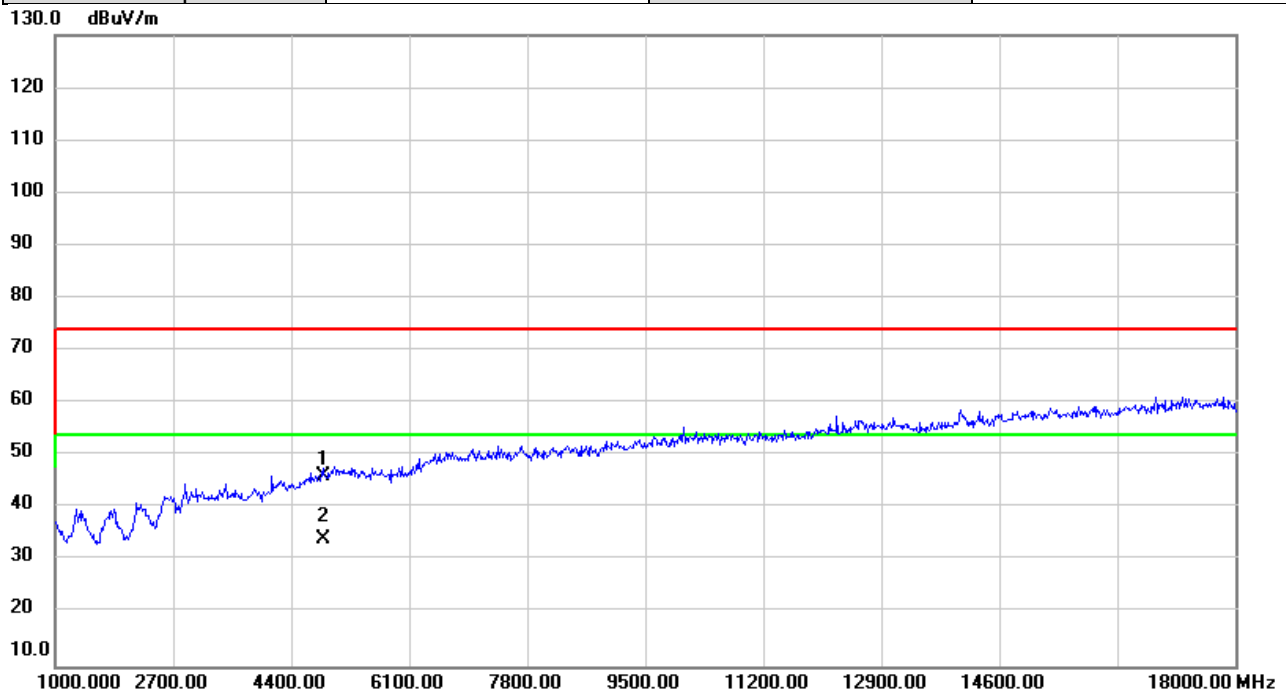


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	45.21	1.88	47.09	74.00	-26.91	peak	
2	*	4874.000	32.46	1.88	34.34	54.00	-19.66	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2437MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

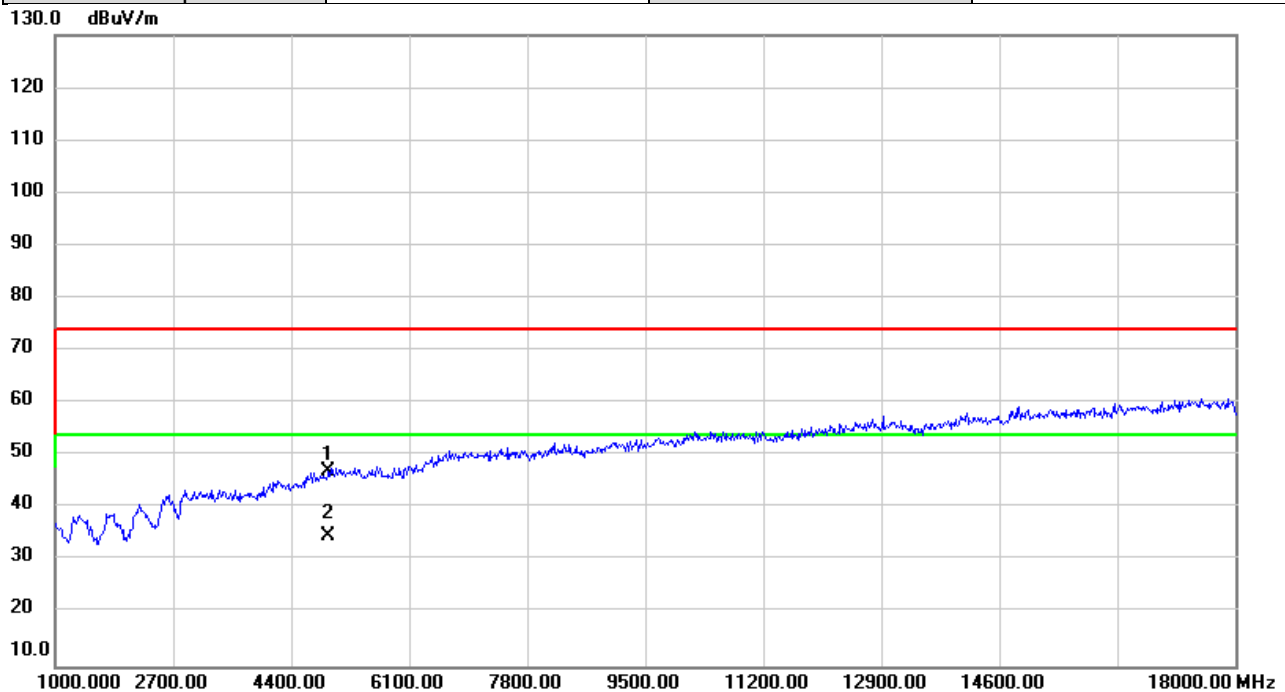


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4874.000	44.26	1.88	46.14	74.00	-27.86	peak	
2	*	4874.000	32.25	1.88	34.13	54.00	-19.87	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

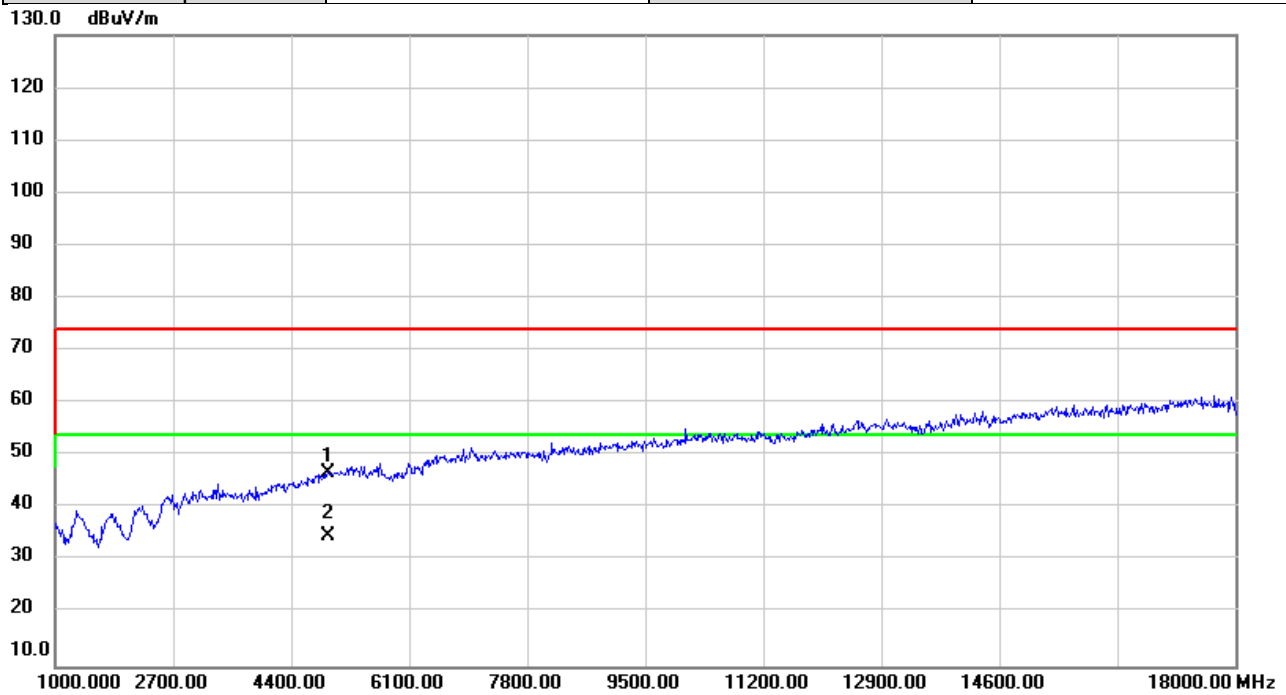


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.90	2.08	46.98	74.00	-27.02	peak	
2	*	4924.000	32.60	2.08	34.68	54.00	-19.32	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%

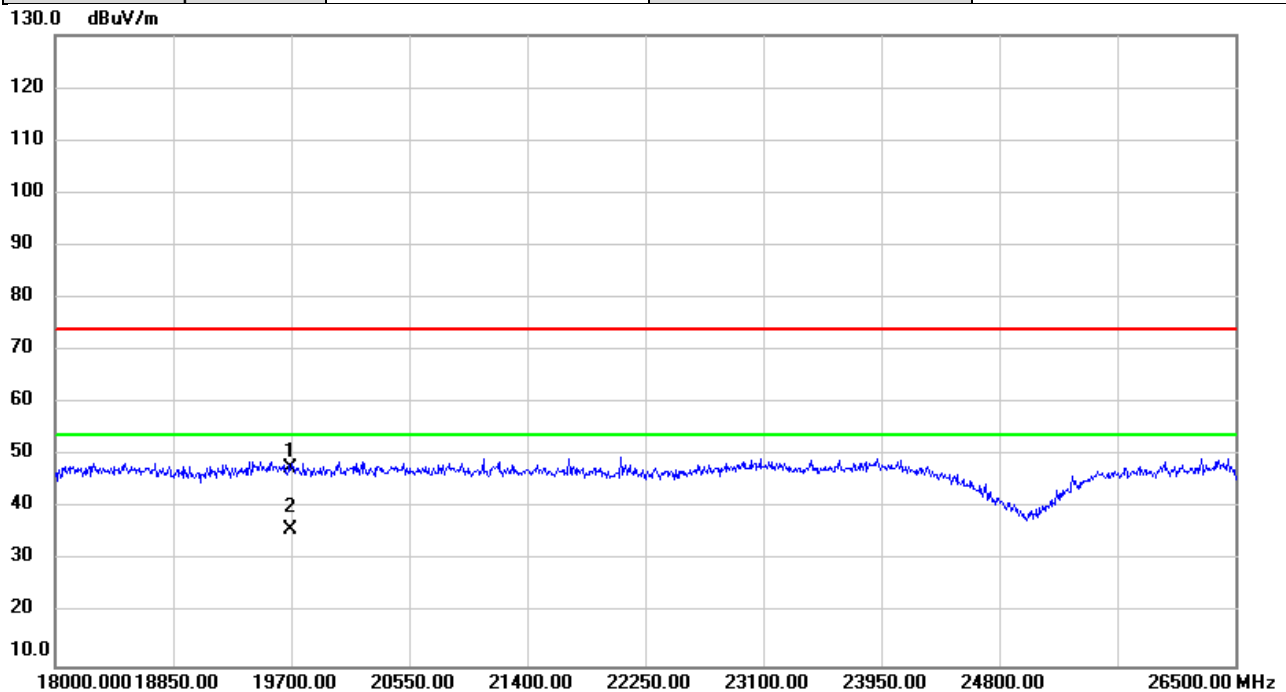


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		4924.000	44.72	2.08	46.80	74.00	-27.20	peak	
2	*	4924.000	32.69	2.08	34.77	54.00	-19.23	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Vertical
Temp	24°C	Hum.	53%

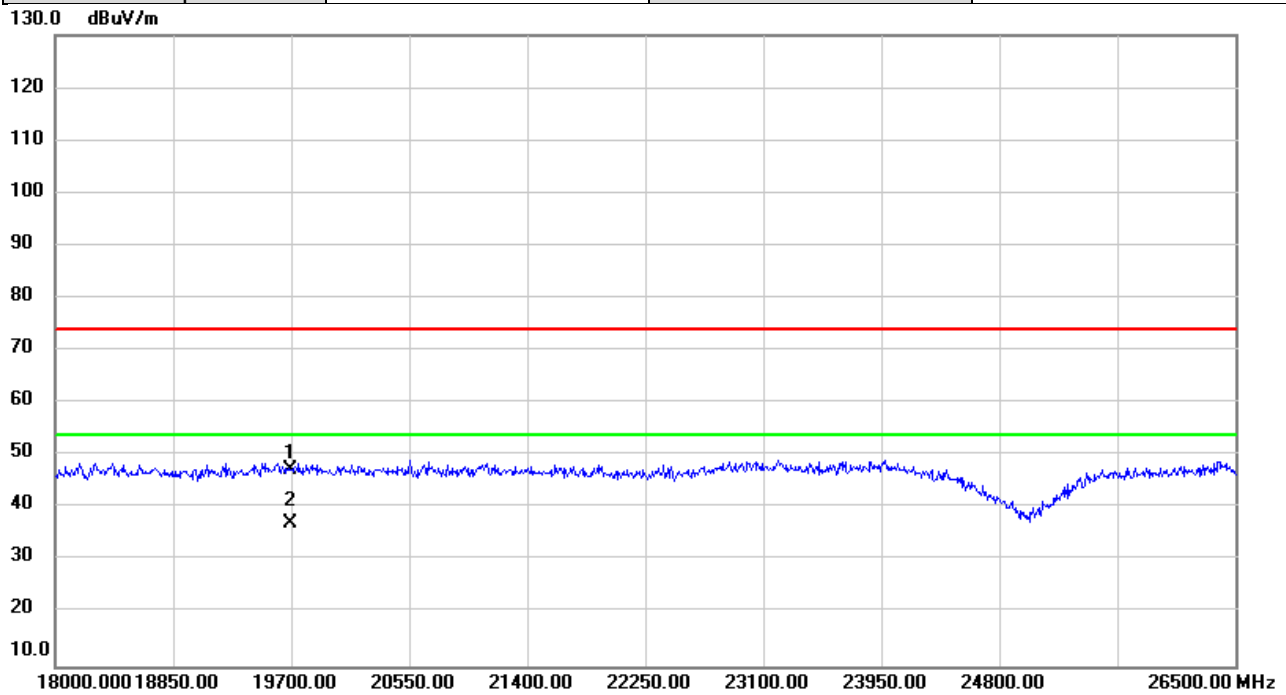


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		19696.00	54.24	-6.59	47.65	74.00	-26.35	peak	
2	*	19696.00	42.58	-6.59	35.99	54.00	-18.01	AVG	

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2025/10/22
Test Frequency	2462MHz	Polarization	Horizontal
Temp	24°C	Hum.	53%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Over dB	Detector	Comment
1		19696.00	53.98	-6.59	47.39	74.00	-26.61	peak	
2	*	19696.00	43.83	-6.59	37.24	54.00	-16.76	AVG	

REMARKS:

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

APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b	Tested Date	2025/10/15
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Frequency (MHz)	Peak Power (dBm)	Peak Power (W)	Power Limit (dBm)	Power Limit (W)	Test Result
2412	19.30	0.0851	30.00	1.0000	Pass
2437	22.08	0.1614	30.00	1.0000	Pass
2462	18.97	0.0789	30.00	1.0000	Pass

Test Mode	IEEE 802.11g	Tested Date	2025/10/15
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Frequency (MHz)	Peak Power (dBm)	Peak Power (W)	Power Limit (dBm)	Power Limit (W)	Test Result
2412	20.82	0.1208	30.00	1.0000	Pass
2437	24.32	0.2704	30.00	1.0000	Pass
2462	20.55	0.1135	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)	Tested Date	2025/10/15
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Frequency (MHz)	Peak Power (dBm)	Peak Power (W)	Power Limit (dBm)	Power Limit (W)	Test Result
2412	21.10	0.1288	30.00	1.0000	Pass
2437	23.51	0.2244	30.00	1.0000	Pass
2462	20.46	0.1112	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax (HE20)	Tested Date	2025/10/15
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Frequency (MHz)	Peak Power (dBm)	Peak Power (W)	Power Limit (dBm)	Power Limit (W)	Test Result
2412	20.79	0.1199	30.00	1.0000	Pass
2437	22.09	0.1618	30.00	1.0000	Pass
2462	19.56	0.0904	30.00	1.0000	Pass

End of Test Report