

FCC Radio Test Report

FCC ID: 2AIMRRN06

Report No. : BTL-FCCP-1-2405C239E
Equipment : Xiaomi Router BE3600
Model Name : RN06
Brand Name : Xiaomi
Applicant : Beijing Xiaomi Electronics Co., Ltd.
Address : Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing
Economic and Technological Development Zone, Beijing City, China.
Manufacturer : Beijing Xiaomi Electronics Co., Ltd.
Address : Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing
Economic and Technological Development Zone, Beijing City, China.
Radio Function : WLAN 2.4 GHz
FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart C (15.247)
Measurement : ANSI C63.10-2013
Procedure(s)
Date of Receipt : 2024/10/22
Date of Test : 2024/10/22 - 2024/11/15
Issued Date : 2024/12/4

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** shall have no liability for any declarations, inferences or generalizations drawn by the client or others from **BTL** issued reports.

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BTL'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-1-2405C239E	R00	Original Report.	2024/12/4	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	Pass	-----
15.247(a)	Bandwidth	APPENDIX D	Pass	-----
15.247(b)	Output Power	APPENDIX E	Pass	-----
15.247(e)	Power Spectral Density	APPENDIX F	Pass	-----
15.247(d)	Antenna conducted Spurious Emission	APPENDIX G	Pass	-----
15.203	Antenna Requirement	-----	Pass	-----

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.

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.64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.

☒ TR01 ☒ C01 ☒ CB20

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 %**.

The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{CISPR} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C01	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

Test Site	Measurement Frequency Range (GHz)	U (dB)	U_{CISPR} (dB)
CB20 (3m)	0.03~0.2	4.01	6
	0.02~1	4.64	6
	1 ~ 6	5.91	6
	6 ~ 18	6.24	6
	18 ~ 26	3.93	6
	26 ~ 40	4.06	6

C. Conducted test :

Test Item	U
Occupied Bandwidth	86 %
Output power	0.8412 dB
Power Spectral Density	0.8602 dB
Conducted Spurious emissions	1.8304 dB
Conducted Band edges	1.8338 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.

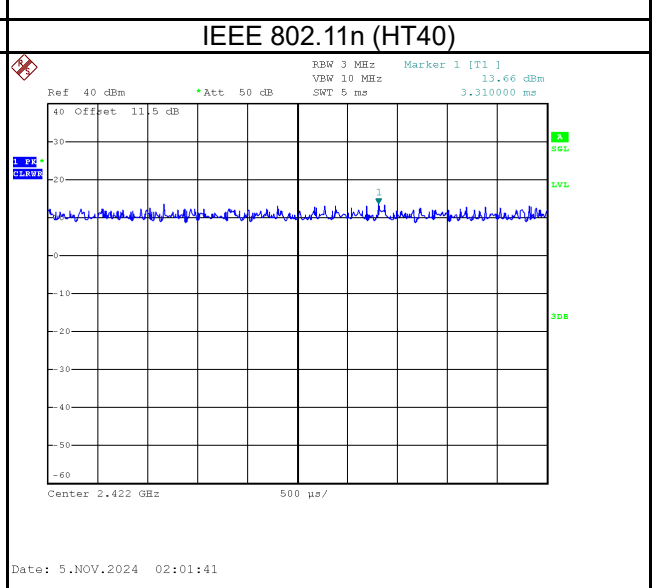
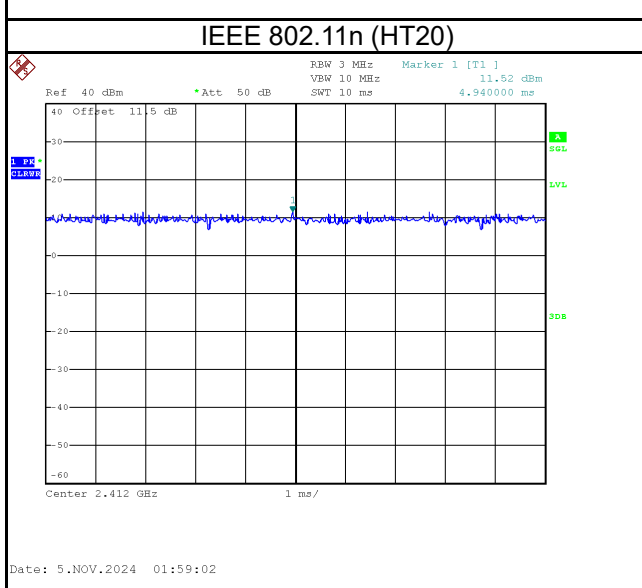
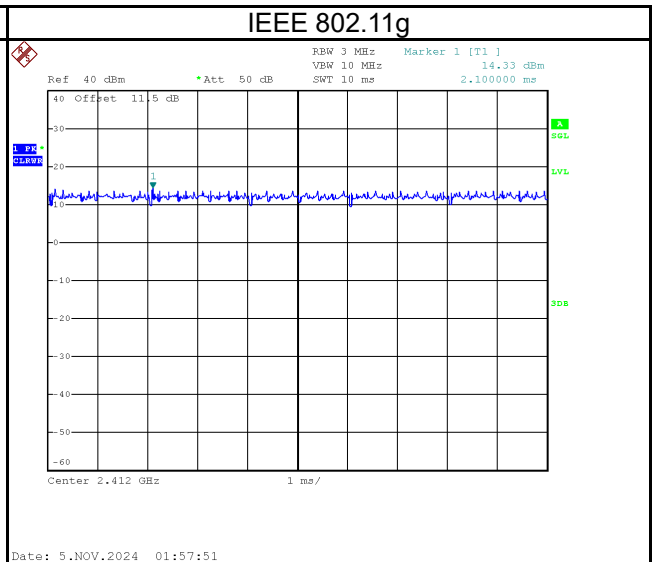
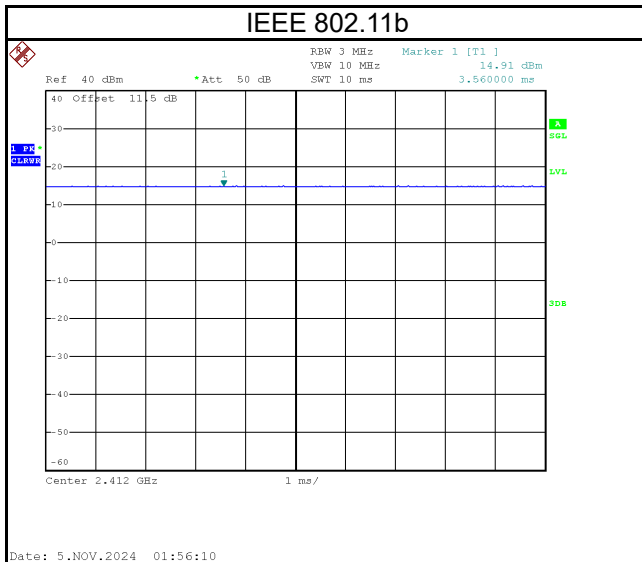
1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120V	Ken Lu
Radiated emissions below 1 GHz	25°C, 65%	AC 120V	Barry Tsui
Radiated emissions above 1 GHz	25°C, 65%	AC 120V	Barry Tsui
Bandwidth	25°C, 45%	AC 120V	Cheng Tsai
Output Power	25°C, 45%	AC 120V	Cheng Tsai
Power Spectral Density	25°C, 45%	AC 120V	Cheng Tsai
Antenna conducted Spurious Emission	25°C, 45%	AC 120V	Cheng Tsai

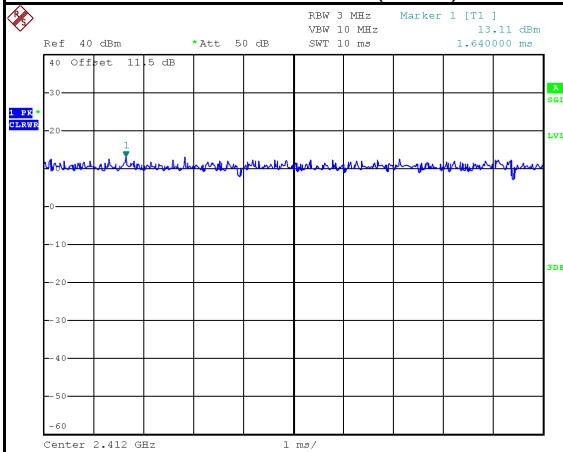
1.4 DUTY CYCLE

If duty cycle is $\geq 98\%$, duty factor is not required.
If duty cycle is $< 98\%$, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11b	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11g	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11n (HT20)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11n (HT40)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11ax (HE20)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11ax (HE40)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11be(EHT20)	1.000	1	1.000	1.000	100.00%	0.00
IEEE 802.11be(EHT40)	1.000	1	1.000	1.000	100.00%	0.00

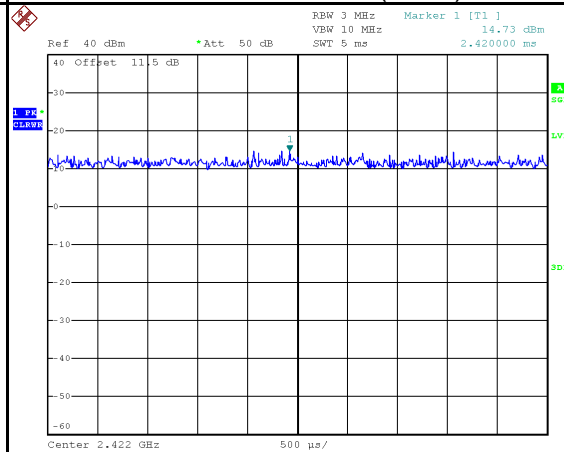


IEEE 802.11ax (HE20)



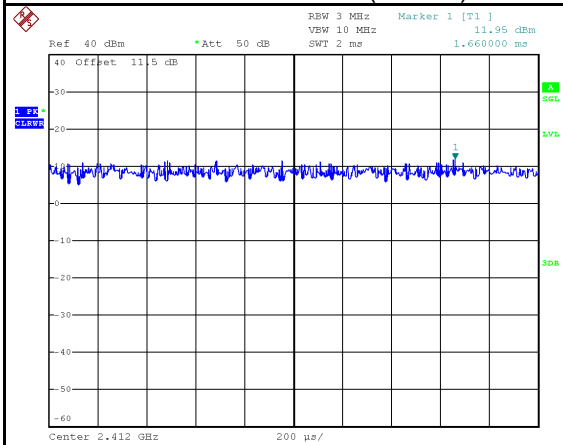
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IEEE 802.11ax (HE40)



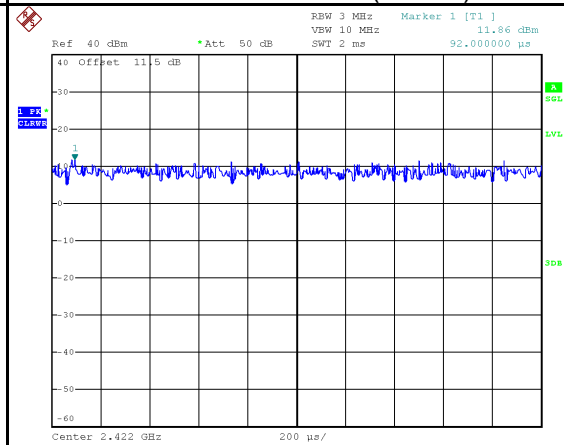
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IEEE 802.11be (EHT20)



Date: 5.NOV.2024 01:53:51

IEEE 802.11be (EHT40)



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2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Xiaomi Router BE3600
Model Name	RN06
Brand Name	Xiaomi
Model Difference	N/A
Power Source	DC Voltage supplied from AC adapter. Model: ADS-18MC-1212018EPCU
Power Rating	I/P: 100-240V~ 50/60Hz 0.6A O/P: 12.0V $\overline{\text{=}}$ 1.5A
HW Version	MD15
SW Version	2.0.1
Operation Band	2400 MHz ~ 2483.5 MHz
Operation Frequency	2412 MHz ~ 2462 MHz
Modulation Technology	IEEE 802.11b: DSSS IEEE 802.11g: OFDM IEEE 802.11n: OFDM IEEE 802.11ax: OFDMA IEEE 802.11be: OFDMA
Transfer Rate	IEEE 802.11b: 11/5.5/2/1 Mbps IEEE 802.11g: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ax: up to 573.6 Mbps IEEE 802.11be: up to 688 Mbps
Maximum Output Power	IEEE 802.11b: 28.85 dBm (0.7674 W) IEEE 802.11g: 27.61 dBm (0.5768 W) IEEE 802.11n (HT20): 28.67 dBm (0.7362 W) IEEE 802.11n (HT40): 29.04 dBm (0.8017 W) IEEE 802.11ax (HE20): 28.30 dBm (0.6761 W) IEEE 802.11ax (HE40): 28.16 dBm (0.6546 W) IEEE 802.11be (EHT20): 28.61 dBm (0.7261 W) IEEE 802.11be (EHT40): 28.21 dBm (0.6622 W)
Test Software Version	D10-36062-101_MI_2G_2x2_WKK_5G_4x4_RDP444_RevB-MD08-20230614
Test Model	RN06
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:

Group 1:

Ant.	Manufacture	P/N	Antenna Type	Connector	Gain (dBi)
1	Shenzhen Etheta Communication Technology Co., LTD	L530100082313	PCB	N/A	4.27
2	Shenzhen Etheta Communication Technology Co., LTD	L530100082513	PCB	N/A	4.12

Group 2:

Ant.	Manufacture	P/N	Antenna Type	Connector	Gain (dBi)
1	KunShan Innware Communication Technology Co., LTD	L530100082439	PCB	N/A	5.5
2	KunShan Innware Communication Technology Co., LTD	L530100082239	PCB	N/A	5.9

NOTE:

- This EUT supports CDD, and all antenna gains are not equal, Directional gain = $G_{ANT\ MAX} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=5.9
For power spectral density measurements, $N_{ANT}=2$, $N_{SS} = 1$.
So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 5.9 + 10\log(2/1)\text{dBi} = 8.91\text{dBi}$
Then, the power spectral density limit is $8 - (8.91 - 6) = 5.09$
- Beamforming Gain: 3 dB.

- 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.

(5) Operating Mode and Antenna Configuration

For Non Beamforming:

Operating Mode \ TX Mode	2 TX
IEEE 802.11b	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11g	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11n (HT20)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11n (HT40)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11ax (HE20)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11ax (HE40)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11be (EHT20)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11be (EHT40)	$V(\text{Ant. 1} + \text{Ant. 2})$

For Beamforming:

Operating Mode \ TX Mode	2 TX
IEEE 802.11n (HT20)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11n (HT40)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11ax (HE20)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11ax (HE40)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11be (EHT20)	$V(\text{Ant. 1} + \text{Ant. 2})$
IEEE 802.11be (EHT40)	$V(\text{Ant. 1} + \text{Ant. 2})$

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	IEEE 802.11n (HT40)	06	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/11	Bandedge
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
	IEEE 802.11be (EHT20)		
	IEEE 802.11n (HT40)	03/09	
	IEEE 802.11ax (HE40)		
	IEEE 802.11be (EHT40)		
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11b	01/06/11	Harmonic
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
	IEEE 802.11be (EHT20)		
	IEEE 802.11n (HT40)	03/06/09	
	IEEE 802.11ax (HE40)		
	IEEE 802.11be (EHT40)		
Transmitter Radiated Emissions (above 18GHz)	IEEE 802.11n (HT40)	06	-
Bandwidth & Output Power & Power Spectral Density & Antenna conducted Spurious Emission	IEEE 802.11b	01/06/11	-
	IEEE 802.11g		
	IEEE 802.11n (HT20)		
	IEEE 802.11ax (HE20)		
	IEEE 802.11be (EHT20)		
	IEEE 802.11n (HT40)	03/06/09	
	IEEE 802.11ax (HE40)		
	IEEE 802.11be (EHT40)		

NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) All X, Y and Z axes are evaluated, but only the worst case (X axis) is recorded.
- (3) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX N(HT40) Mode Channel 06 is found to be the worst case and recorded.
- (4) For radiated emission test, the Antenna Group2 is found to be the worst case and recorded.
- (5) For radiated emission Harmonic 18-26.5GHz test, only tested the worst case and recorded.
- (6) The Power of the Beamforming mode will be lower than that of the non-Beamforming mode. Only non-Beamforming mode will be evaluated for other all test items and recorded in the report.
- (7) IEEE 802.11ax mode and IEEE 802.11be mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (8) The electric field intensity signal emitted at 9 kHz–30 MHz is too weak (20 dB below the limit), so the measured value is not recorded in this report.

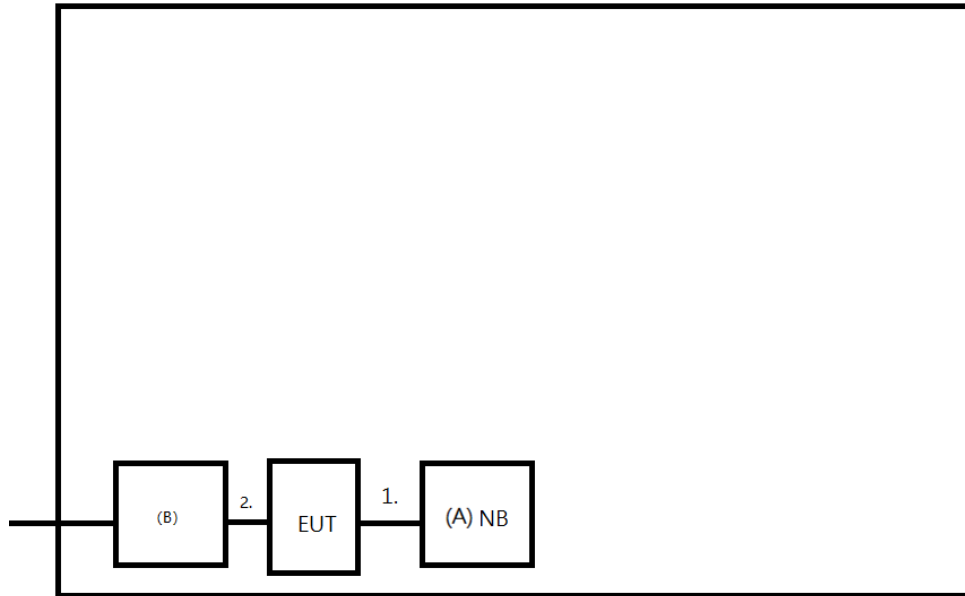
2.3 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

Test Software Version	D10-36062-101_MI_2G_2x2_WKK_5G_4x4_RDP444_RevB-MD08-20230614		
Frequency (MHz)	2412	2437	2462
IEEE 802.11b	20	25	23
IEEE 802.11g	22	24	23
IEEE 802.11n(HT20)	16	25	16
IEEE 802.11ax(HE20)	15	25	16
IEEE 802.11be(EHT20)	16	25	17
Frequency (MHz)	2422	2437	2452
IEEE 802.11n(HT40)	15	25	15
IEEE 802.11ax(HE40)	15	24	16
IEEE 802.11be (EHT40)	15	24	17

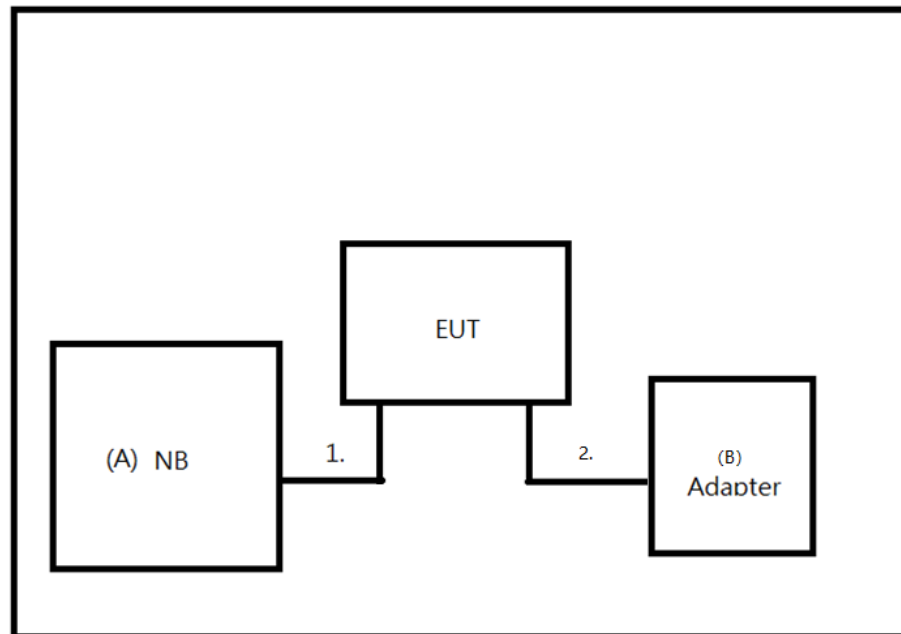
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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



2.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	NB	Lenovo	ThinkBook 14 G4 IAP	N/A	Furnished by test lab
B	Adapter	MI	ADS-18MC-1212018 EPCU	N/A	Supplied by test requester

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	NO	NO	1m	RJ45 cable	Supplied by test requester
2	NO	NO	1.5m	DC cable	Supplied by test requester

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.

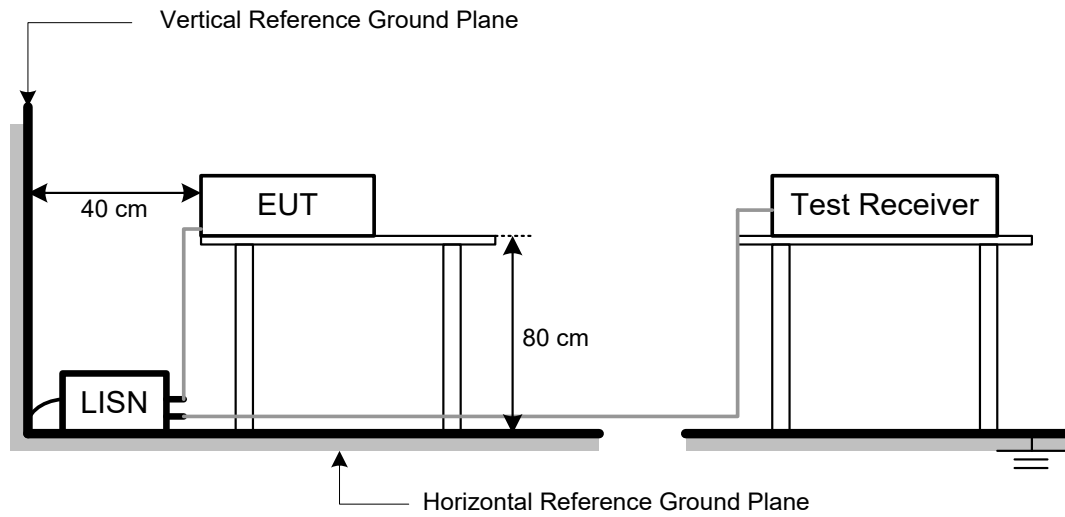
NOTE:

- (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 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 (dBuV)		Correct Factor (dB/m)		Measurement Value (dBuV/m)
19.11	+	2.11	=	21.22

Measurement Value (dBuV/m)		Limit Value (dBuV/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

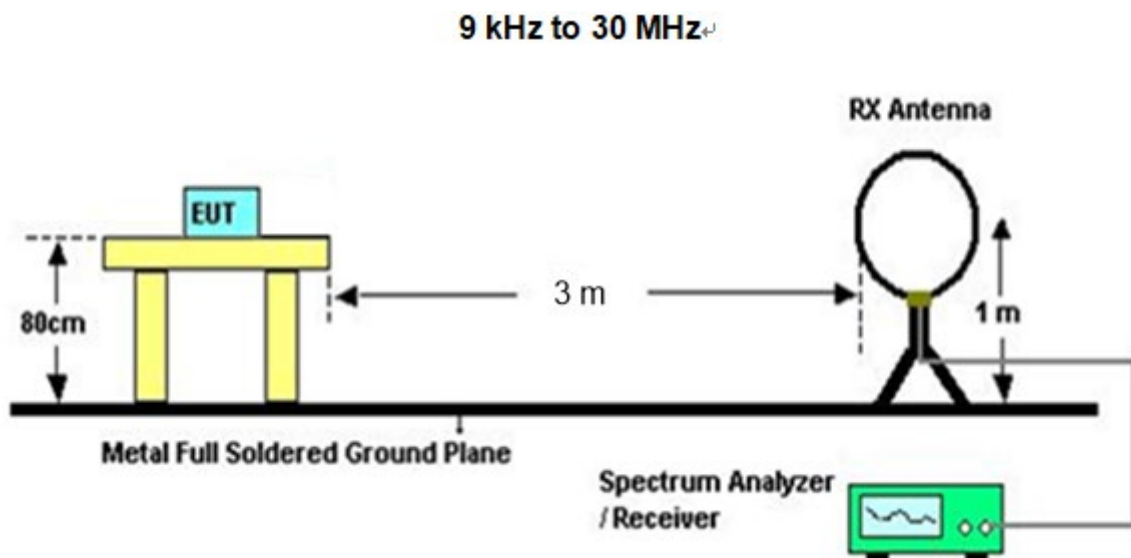
4.2 TEST PROCEDURE

- The measuring distance of 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.

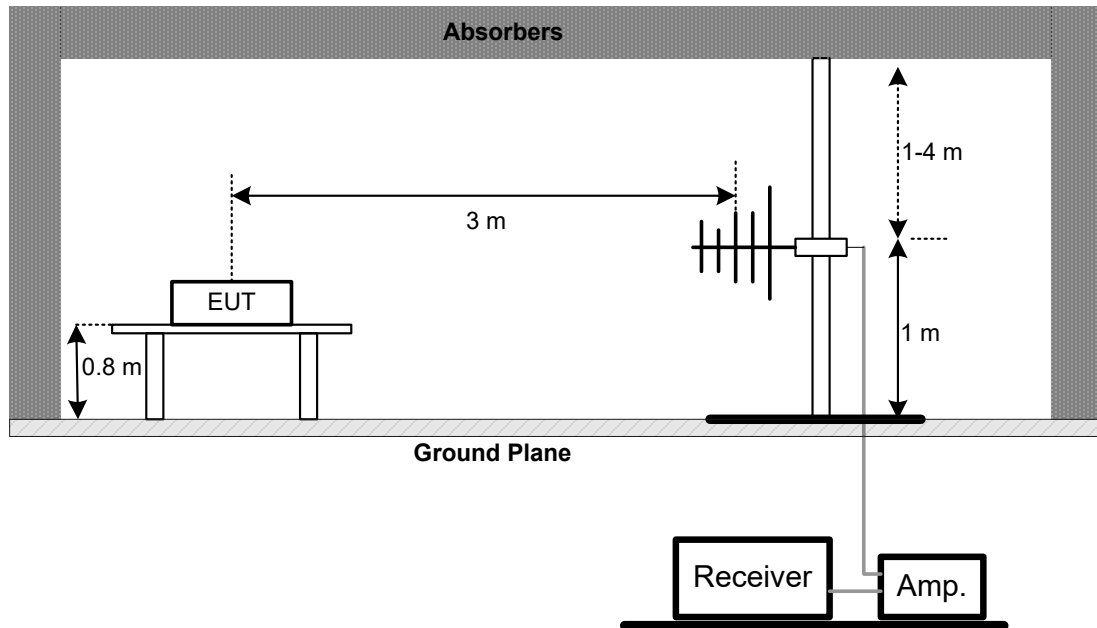
4.3 DEVIATION FROM TEST STANDARD

No deviation.

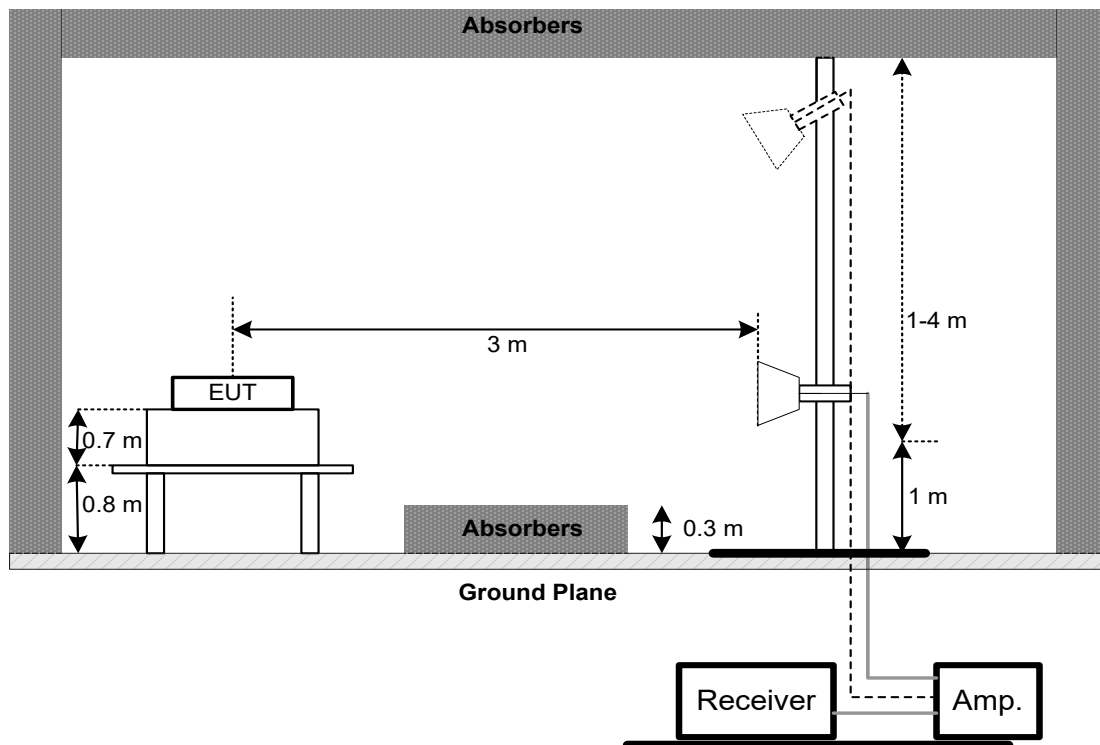
4.4 TEST SETUP



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 – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

Section	Test Item	Limit
15.247(a)	6 dB Bandwidth	500 kHz

5.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting: RBW= 100KHz, VBW=300KHz, Sweep time = 2.5 ms.

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 D.

6 OUTPUT POWER TEST

6.1 LIMIT

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

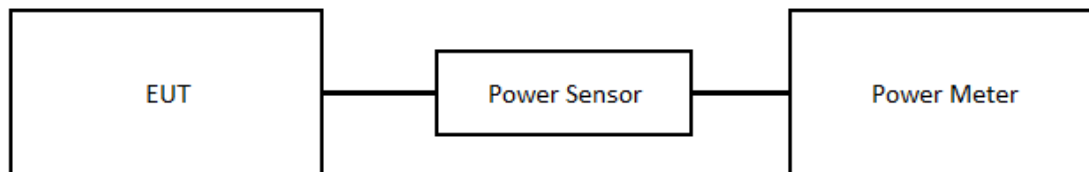
6.2 TEST PROCEDURE

- The EUT was directly connected to the power meter 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.

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

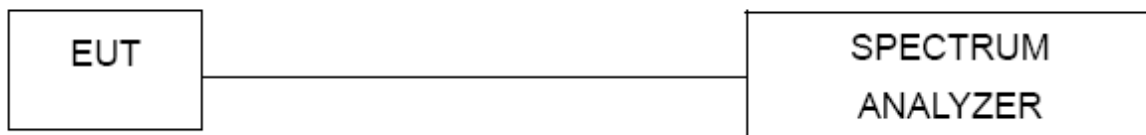
7.2 TEST PROCEDURE

- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting: RBW = 3 kHz, VBW = 10 kHz, Sweep time = Auto.

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 ANTENNA CONDUCTED SPURIOUS EMISSIONS TEST

8.1 LIMIT

In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated device is operating, the RF power that is produced 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 that the transmitter demonstrates compliance with the peak conducted power limits.

8.2 TEST PROCEDURE

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

8.3 DEVIATION FROM TEST STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULT

Please refer to the APPENDIX G.

9 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	101051	2024/6/26	2025/6/25
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2023/12/11	2024/12/10
3	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
4	Measurement Software	Farad	EZ EMC (Ver. 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	Pre-Amplifier	EMCI	EMC184045SE	980512	2023/12/11	2024/12/10
2	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2024/6/27	2025/6/26
3	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2023/12/11	2024/12/10
4	Test Cable	EMCI	EMC101G-KM-K M-3000	220330	2023/12/11	2024/12/10
5	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
6	Pre-Amplifier	EMCI	EMC051845SE	980779	2023/12/11	2024/12/10
7	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2023/12/11	2024/12/10
8	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2023/12/11	2024/12/10
9	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2023/12/11	2024/12/10
10	EXA Spectrum Analyzer	keysight	N9010A	MY56480554/016	2024/9/13	2025/9/12
11	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
12	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
13	Pre-Amplifier	EMCI	EMC001330-202 01222	980807	2023/12/11	2024/12/10
14	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2023/12/11	2024/12/10
15	Test Cable	EMCI	EMC-CFD-400-N M-NM-8000	200348	2023/12/11	2024/12/10
16	Test Cable	EMCI	EMC-CFD-400-N M-NM-3300	200343	2023/12/11	2024/12/10
17	Measurement Software	Farad	EZ EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	N/A	N/A
3	BTL-Conducted Test	BTL	1247788684	N/A	N/A	N/A

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	POWER METER	Anritsu	MA24408A	12591	2024/10/25	2025/10/24
2	10dbAttenuator	INMET	AHC-10dB	1	N/A	N/A
3	Measurement Software	Anritsu	MA2440A Peak Power analyzer (Ver1.1.0.0)	N/A	N/A	N/A

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	N/A	N/A
3	BTL-Conducted Test	BTL	1247788684	N/A	N/A	N/A

Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	N/A	N/A
3	BTL-Conducted Test	BTL	1247788684	N/A	N/A	N/A

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

10 EUT TEST PHOTO

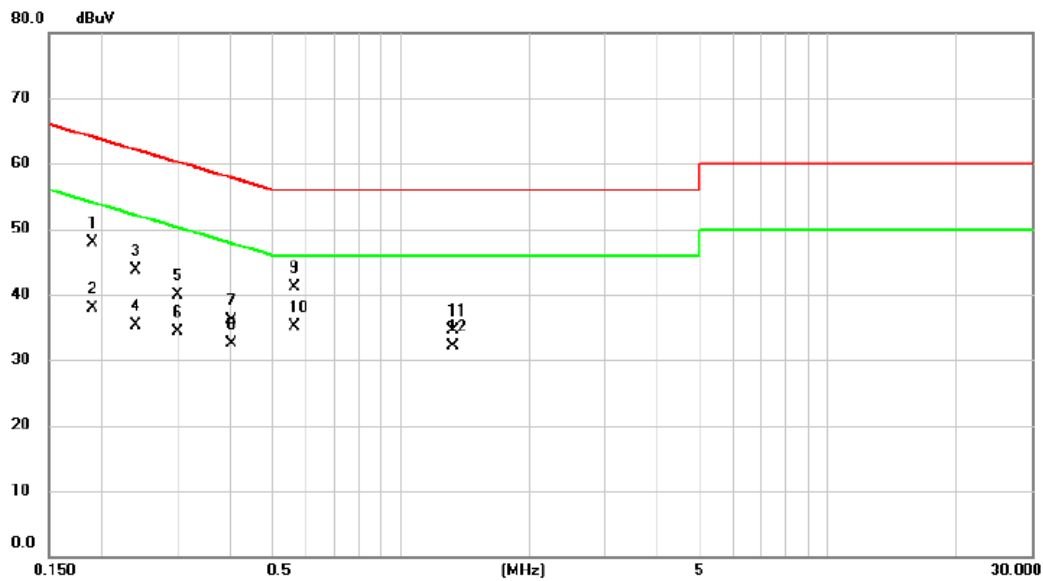
Please refer to document Appendix No.: TP-2405C239E-FCCP-1 (APPENDIX-TEST PHOTOS).

11 EUT PHOTOS

Please refer to document Appendix No.: EP-2405C239E -1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/11/7
Test Frequency	-	Phase	Line

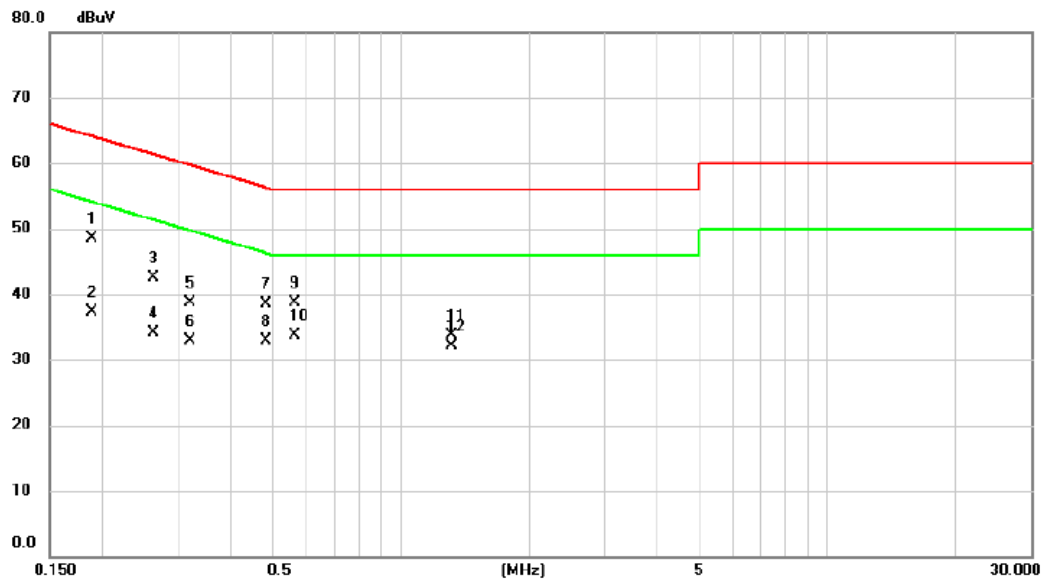


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.1895	38.28	9.64	47.92	64.06	-16.14	QP	
2		0.1895	28.27	9.64	37.91	54.06	-16.15	AVG	
3		0.2406	34.07	9.64	43.71	62.08	-18.37	QP	
4		0.2406	25.72	9.64	35.36	52.08	-16.72	AVG	
5		0.3008	30.19	9.65	39.84	60.22	-20.38	QP	
6		0.3008	24.66	9.65	34.31	50.22	-15.91	AVG	
7		0.4017	26.50	9.65	36.15	57.82	-21.67	QP	
8		0.4017	22.81	9.65	32.46	47.82	-15.36	AVG	
9		0.5630	31.41	9.67	41.08	56.00	-14.92	QP	
10	*	0.5630	25.39	9.67	35.06	46.00	-10.94	AVG	
11		1.3235	24.72	9.73	34.45	56.00	-21.55	QP	
12		1.3235	22.37	9.73	32.10	46.00	-13.90	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2024/11/7
Test Frequency	-	Phase	Neutral

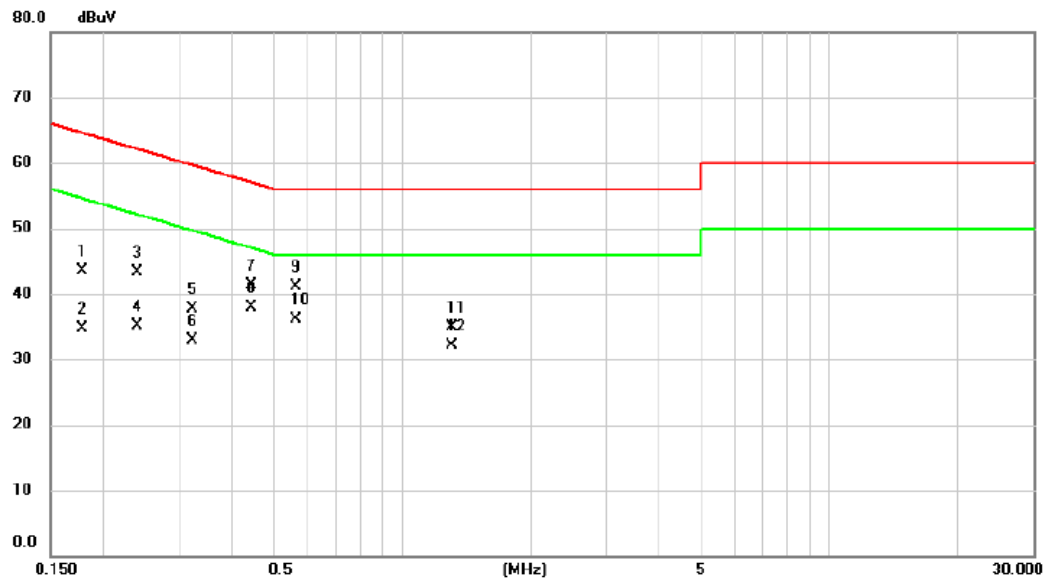


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1892	38.78	9.63	48.41	64.07	-15.66	QP	
2		0.1892	27.70	9.63	37.33	54.07	-16.74	AVG	
3		0.2637	32.80	9.63	42.43	61.31	-18.88	QP	
4		0.2637	24.49	9.63	34.12	51.31	-17.19	AVG	
5		0.3208	29.03	9.63	38.66	59.69	-21.03	QP	
6		0.3208	23.31	9.63	32.94	49.69	-16.75	AVG	
7		0.4846	28.86	9.64	38.50	56.26	-17.76	QP	
8		0.4846	23.21	9.64	32.85	46.26	-13.41	AVG	
9		0.5630	28.98	9.65	38.63	56.00	-17.37	QP	
10	*	0.5630	24.00	9.65	33.65	46.00	-12.35	AVG	
11		1.3190	23.97	9.72	33.69	56.00	-22.31	QP	
12		1.3190	22.32	9.72	32.04	46.00	-13.96	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2024/11/7
Test Frequency	-	Phase	Line

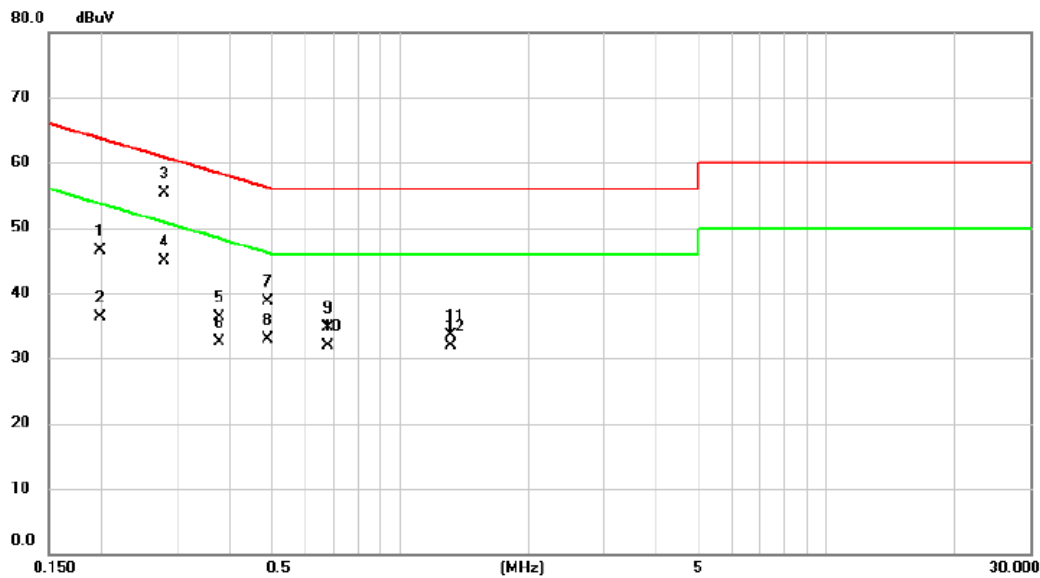


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1780	33.84	9.64	43.48	64.58	-21.10	QP	
2		0.1780	24.98	9.64	34.62	54.58	-19.96	AVG	
3		0.2396	33.61	9.64	43.25	62.11	-18.86	QP	
4		0.2396	25.53	9.64	35.17	52.11	-16.94	AVG	
5		0.3220	27.96	9.65	37.61	59.66	-22.05	QP	
6		0.3220	23.32	9.65	32.97	49.66	-16.69	AVG	
7		0.4426	31.62	9.66	41.28	57.01	-15.73	QP	
8	*	0.4426	28.24	9.66	37.90	47.01	-9.11	AVG	
9		0.5630	31.41	9.67	41.08	56.00	-14.92	QP	
10		0.5630	26.42	9.67	36.09	46.00	-9.91	AVG	
11		1.3100	25.24	9.72	34.96	56.00	-21.04	QP	
12		1.3100	22.43	9.72	32.15	46.00	-13.85	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2024/11/7
Test Frequency	-	Phase	Neutral



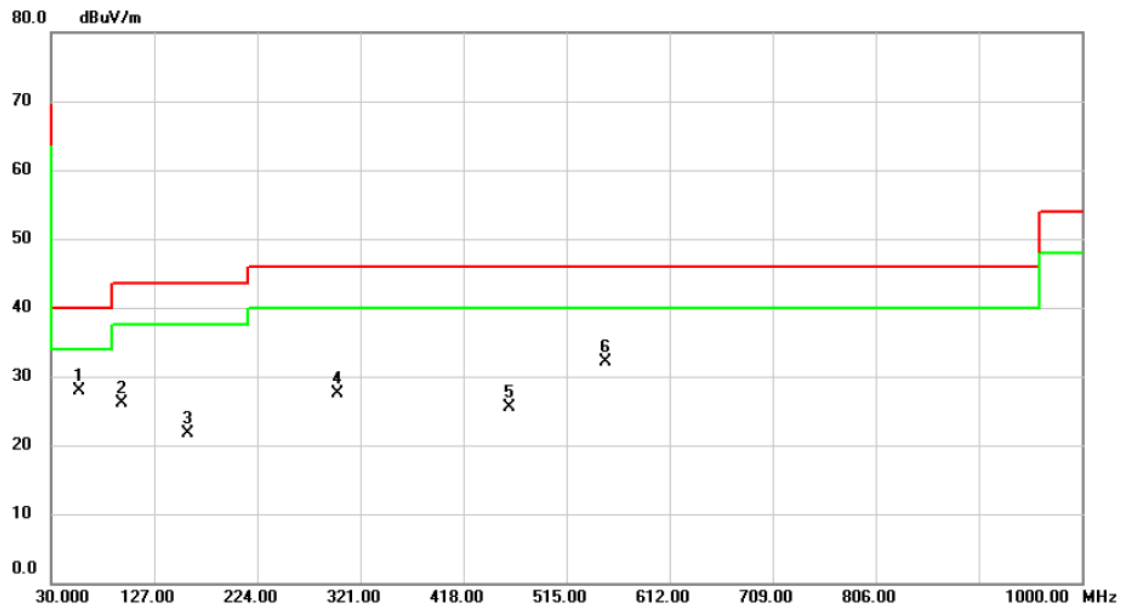
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1980	36.82	9.63	46.45	63.69	-17.24	QP	
2		0.1980	26.60	9.63	36.23	53.69	-17.46	AVG	
3	*	0.2802	45.73	9.64	55.37	60.81	-5.44	QP	
4		0.2802	35.23	9.64	44.87	50.81	-5.94	AVG	
5		0.3761	26.77	9.63	36.40	58.37	-21.97	QP	
6		0.3761	22.90	9.63	32.53	48.37	-15.84	AVG	
7		0.4900	29.09	9.64	38.73	56.17	-17.44	QP	
8		0.4900	23.21	9.64	32.85	46.17	-13.32	AVG	
9		0.6755	25.13	9.65	34.78	56.00	-21.22	QP	
10		0.6755	22.30	9.65	31.95	46.00	-14.05	AVG	
11		1.3190	23.87	9.72	33.59	56.00	-22.41	QP	
12		1.3190	22.16	9.72	31.88	46.00	-14.12	AVG	

REMARKS:

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/24
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

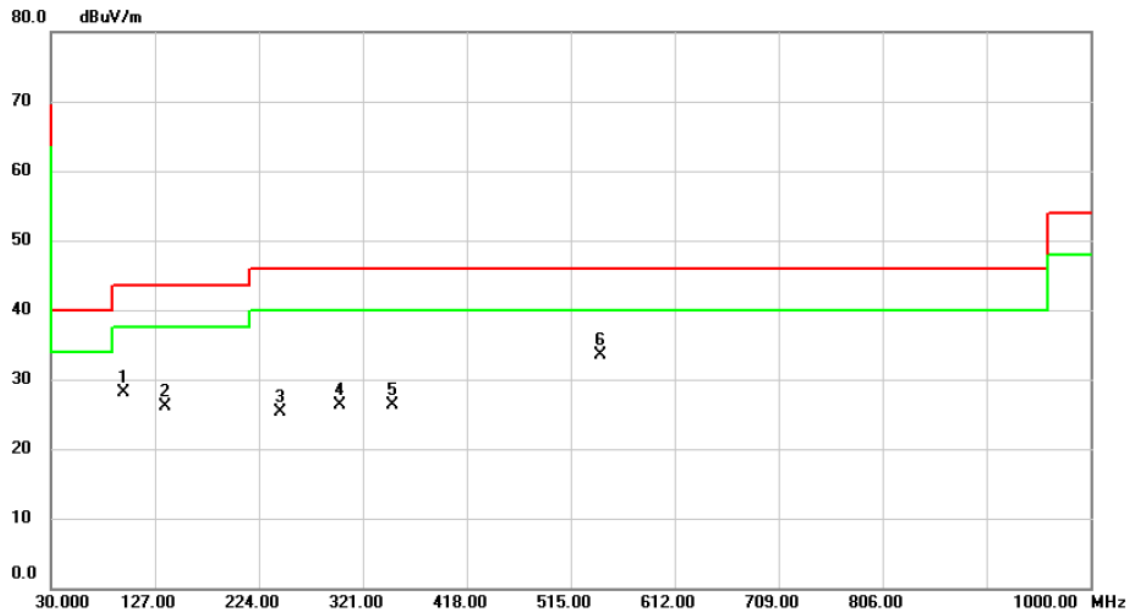


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	56.1900	39.65	-11.65	28.00	40.00	-12.00	peak	
2		95.9600	42.67	-16.64	26.03	43.50	-17.47	peak	
3		158.0400	32.82	-11.07	21.75	43.50	-21.75	peak	
4		299.6600	37.74	-10.25	27.49	46.00	-18.51	peak	
5		461.6500	31.25	-5.82	25.43	46.00	-20.57	peak	
6		551.8600	36.22	-4.15	32.07	46.00	-13.93	peak	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/24
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		97.9000	44.55	-16.43	28.12	43.50	-15.38	peak	
2		136.7000	38.45	-12.31	26.14	43.50	-17.36	peak	
3		243.4000	37.55	-12.17	25.38	46.00	-20.62	peak	
4		299.6600	36.51	-10.25	26.26	46.00	-19.74	peak	
5		348.1600	35.34	-8.97	26.37	46.00	-19.63	peak	
6	*	542.1600	37.79	-4.38	33.41	46.00	-12.59	peak	

REMARKS:

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

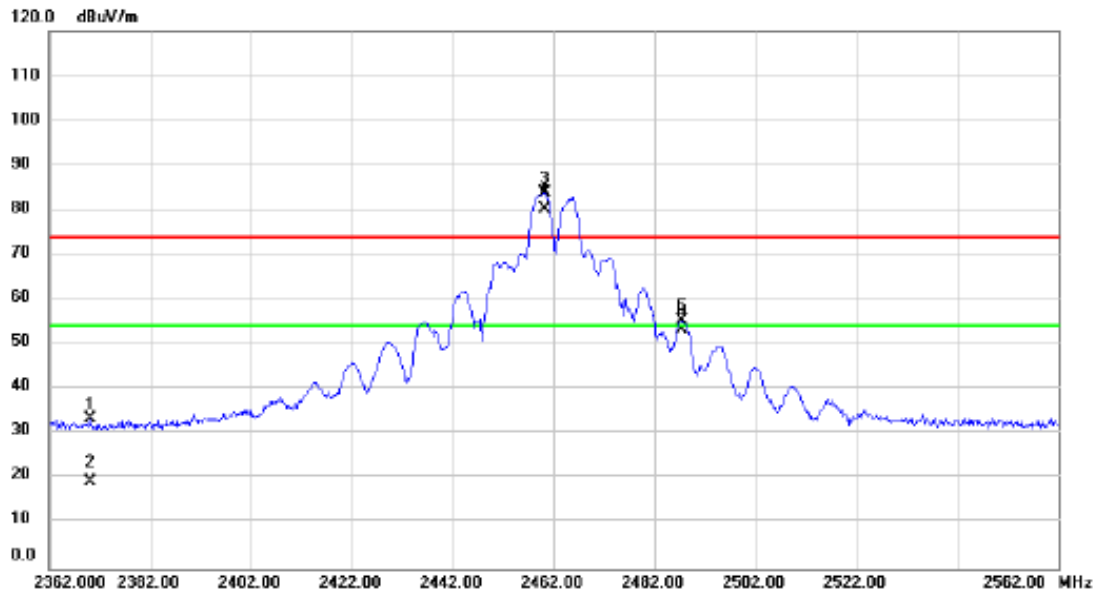


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	63.12	-6.12	57.00	74.00	-17.00			peak
2		2390.000	60.01	-6.12	53.89	54.00	-0.11			AVG
3	X	2408.400	88.15	-6.08	82.07	74.00	8.07			peak
4	*	2408.400	85.73	-6.08	79.65	54.00	25.65			AVG
5		2497.000	38.82	-5.88	32.94	74.00	-41.06			peak
6		2497.000	24.77	-5.88	18.89	54.00	-35.11			AVG

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

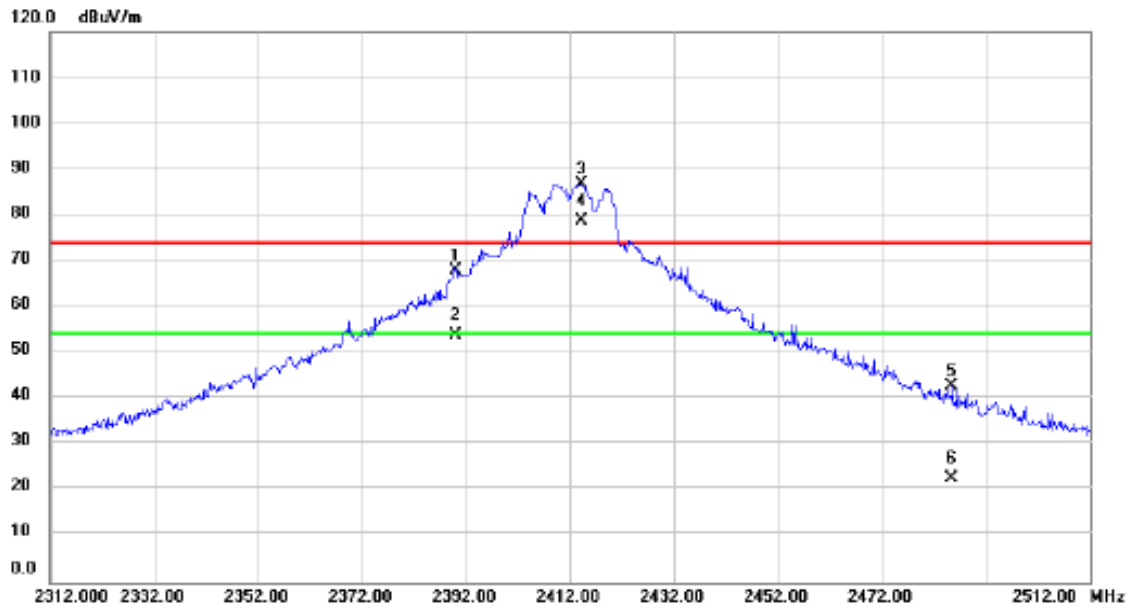


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2370.000	39.53	-6.16	33.37	74.00	-40.63	peak		
2		2370.000	25.37	-6.16	19.21	54.00	-34.79	AVG		
3	X	2460.200	89.78	-5.97	83.81	74.00	9.81	peak		No Limit
4	*	2460.200	86.23	-5.97	80.26	54.00	26.26	AVG		No Limit
5		2487.600	61.13	-5.90	55.23	74.00	-18.77	peak		
6		2487.600	59.20	-5.90	53.30	54.00	-0.70	AVG		

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2390.000	74.02	-6.12	67.90	74.00	-6.10	peak			
2		2390.000	60.05	-6.12	53.93	54.00	-0.07	AVG			
3	X	2414.200	92.97	-6.06	86.91	74.00	12.91	peak			No Limit
4	*	2414.200	84.76	-6.06	78.70	54.00	24.70	AVG			No Limit
5		2485.600	48.57	-5.91	42.66	74.00	-31.34	peak			
6		2485.600	28.53	-5.91	22.62	54.00	-31.38	AVG			

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



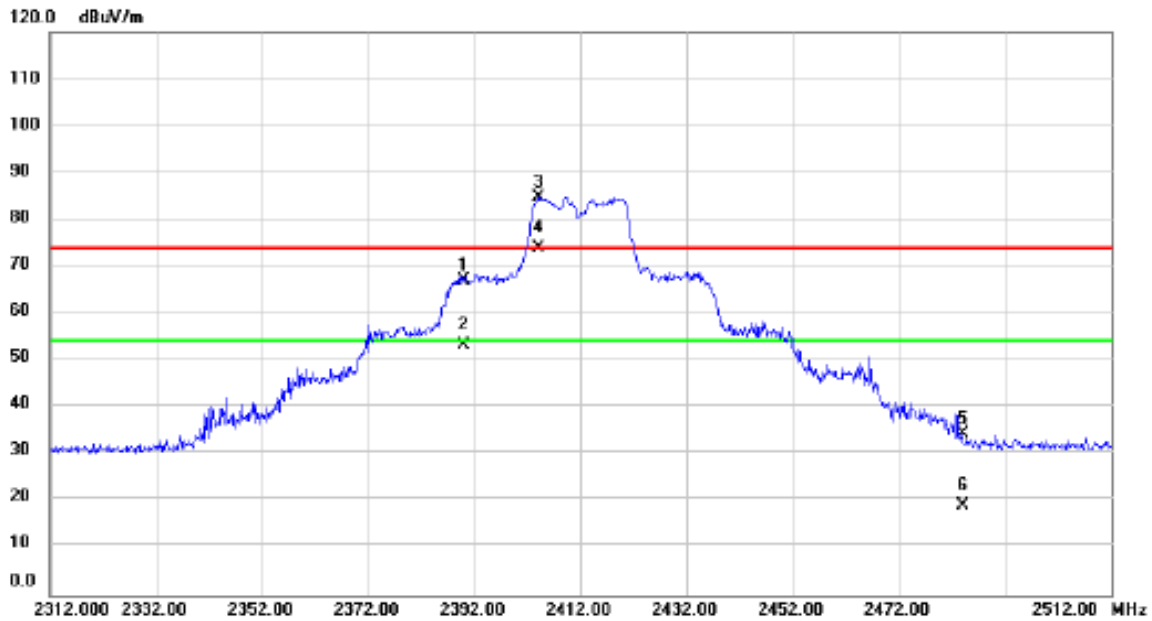
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		2381.800	49.34	-6.13	43.21	74.00	-30.79	peak		
2		2381.800	27.66	-6.13	21.53	54.00	-32.47	AVG		
3	X	2464.000	93.41	-5.95	87.46	74.00	13.46	peak		No Limit
4	*	2464.000	84.93	-5.95	78.98	54.00	24.98	AVG		No Limit
5		2484.000	75.18	-5.92	69.26	74.00	-4.74	peak		
6		2484.000	59.85	-5.92	53.93	54.00	-0.07	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



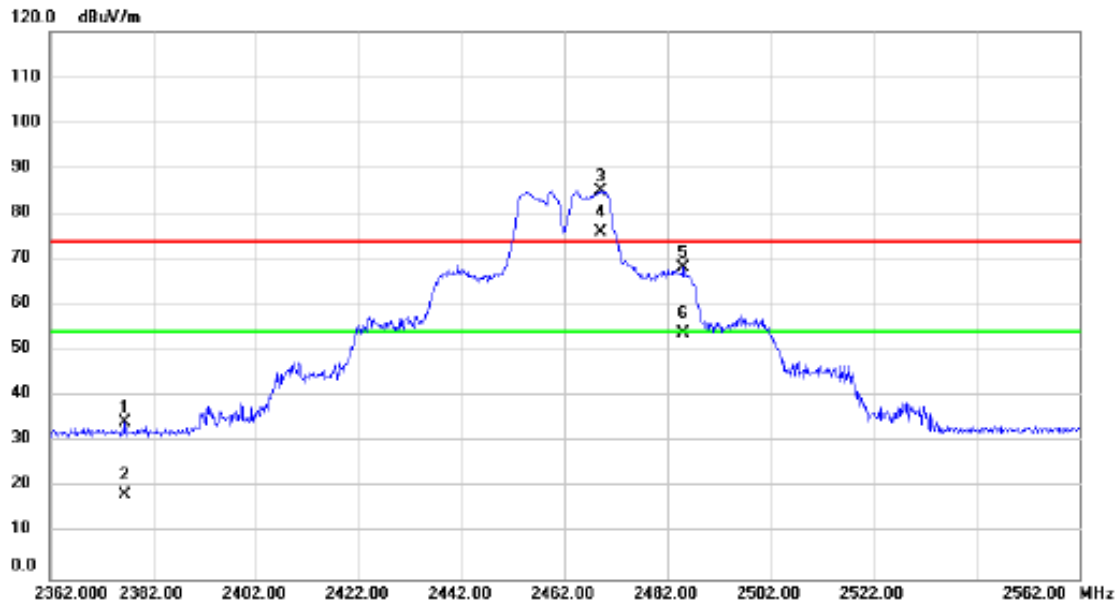
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	73.12	-6.12	67.00	74.00	-7.00			peak
2		2390.000	59.49	-6.12	53.37	54.00	-0.63			AVG
3	X	2404.000	90.96	-6.09	84.87	74.00	10.87			peak
4	*	2404.000	79.93	-6.09	73.84	54.00	19.84			AVG
5		2484.000	40.24	-5.92	34.32	74.00	-39.68			peak
6		2484.000	24.97	-5.92	19.05	54.00	-34.95			AVG

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

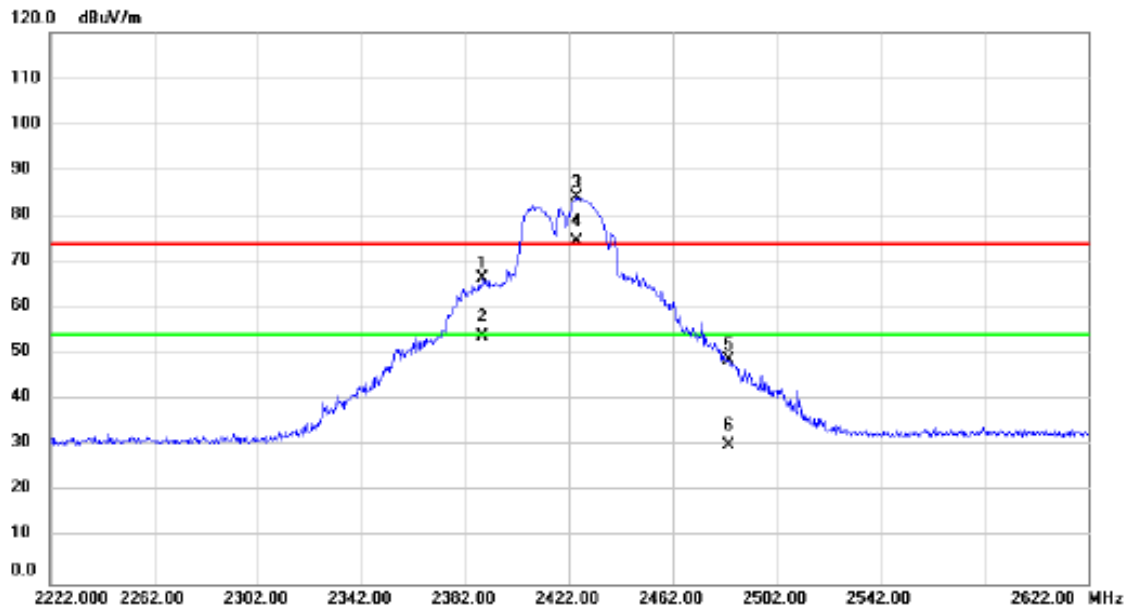


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Detector	Comment
1		2376.600	40.48	-6.15	34.33	74.00	-39.67			peak	
2		2376.600	24.67	-6.15	18.52	54.00	-35.48			AVG	
3	X	2469.200	91.05	-5.95	85.10	74.00	11.10			peak	No Limit
4	*	2469.200	81.91	-5.95	75.96	54.00	21.96			AVG	No Limit
5		2485.200	74.24	-5.91	68.33	74.00	-5.67			peak	
6		2485.200	59.68	-5.91	53.77	54.00	-0.23			AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



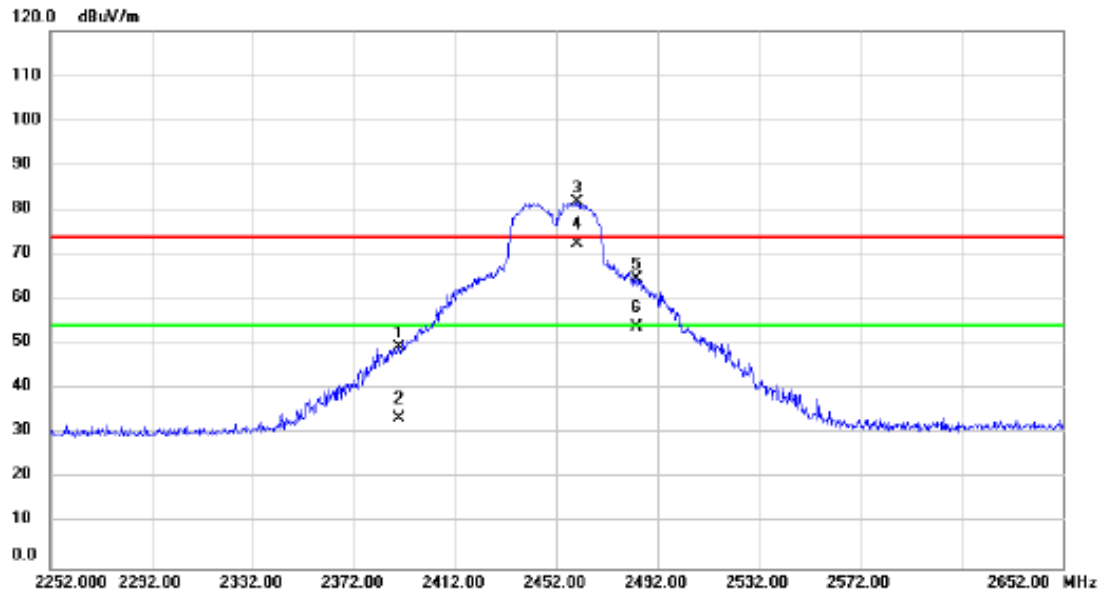
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		2388.400	72.44	-6.12	66.32	74.00	-7.68	peak		
2		2388.400	60.00	-6.12	53.88	54.00	-0.12	AVG		
3	X	2424.800	90.22	-6.04	84.18	74.00	10.18	peak		No Limit
4	*	2424.800	80.55	-6.04	74.51	54.00	20.51	AVG		No Limit
5		2483.600	54.76	-5.92	48.84	74.00	-25.16	peak		
6		2483.600	36.07	-5.92	30.15	54.00	-23.85	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



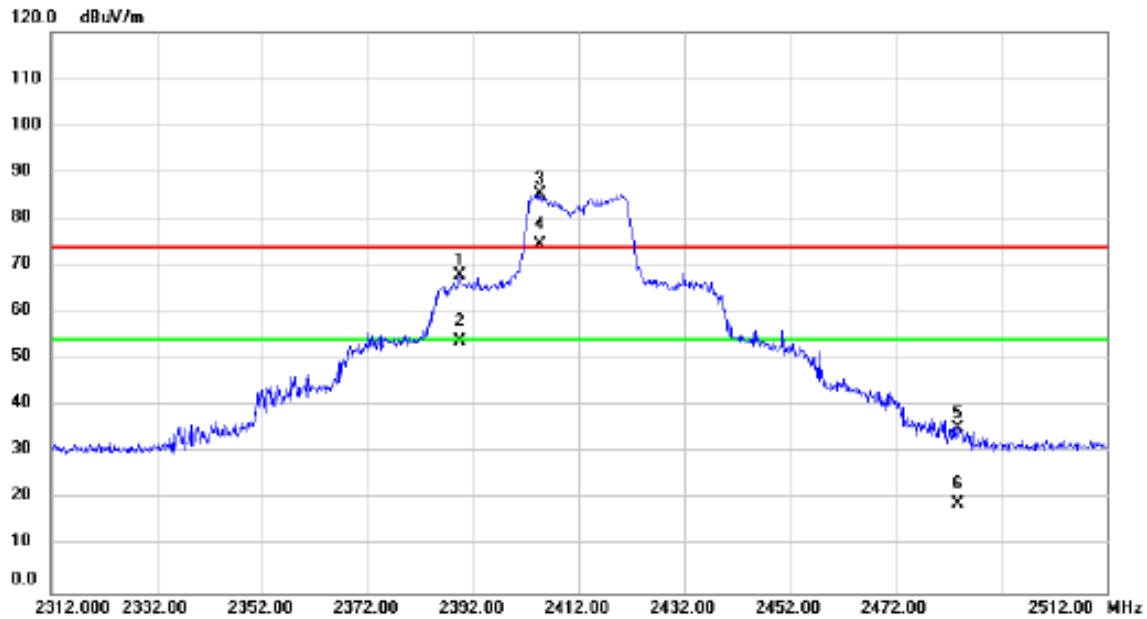
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2390.000	55.45	-6.12	49.33	74.00	-24.67	peak		
2		2390.000	39.64	-6.12	33.52	54.00	-20.48	AVG		
3	X	2460.000	87.63	-5.97	81.66	74.00	7.66	peak		No Limit
4	*	2460.000	78.28	-5.97	72.31	54.00	18.31	AVG		No Limit
5		2483.500	70.72	-5.92	64.80	74.00	-9.20	peak		
6		2483.500	59.89	-5.92	53.97	54.00	-0.03	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

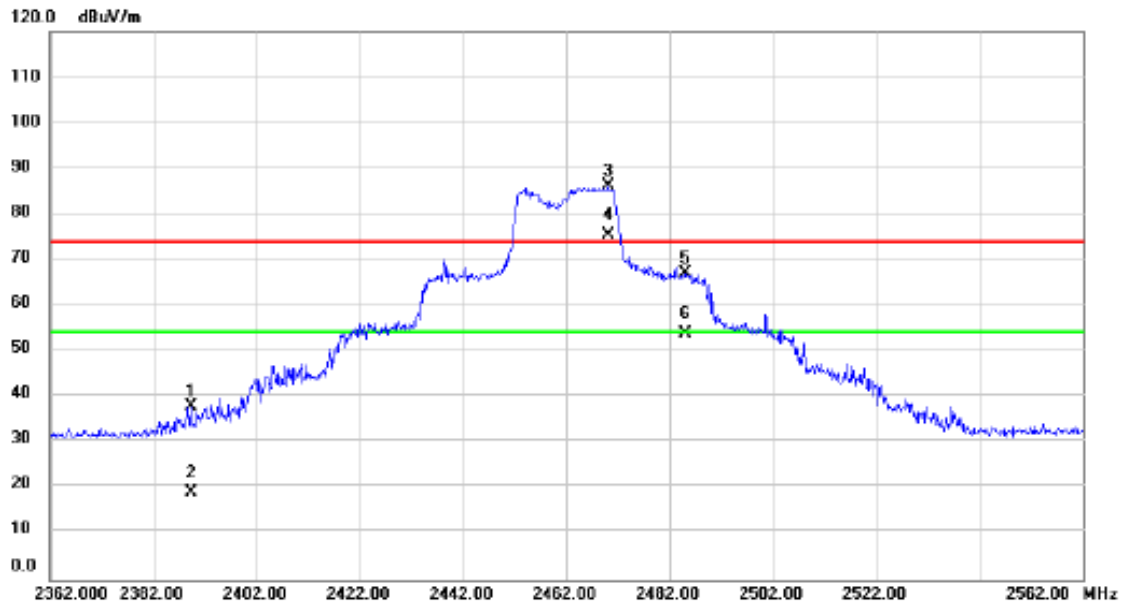


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		2389.400	74.14	-6.12	68.02	74.00	-5.98	peak		
2		2389.400	59.89	-6.12	53.77	54.00	-0.23	AVG		
3	X	2404.600	91.51	-6.08	85.43	74.00	11.43	peak		No Limit
4	*	2404.600	80.62	-6.08	74.54	54.00	20.54	AVG		No Limit
5		2483.800	41.29	-5.92	35.37	74.00	-38.63	peak		
6		2483.800	24.99	-5.92	19.07	54.00	-34.93	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

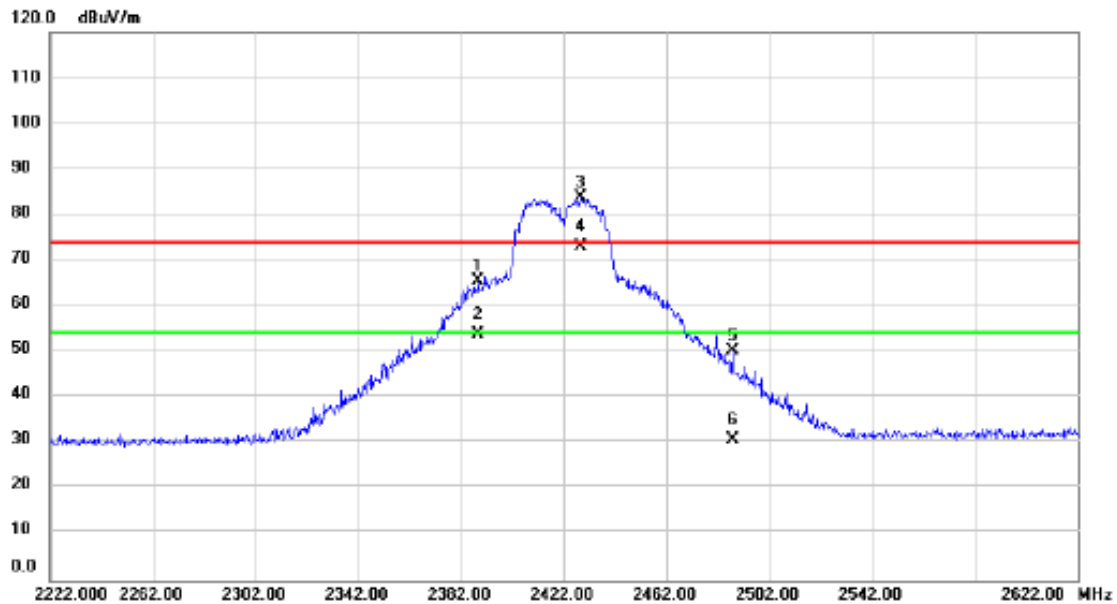


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	
							Detector		degree	Comment
1		2389.400	44.07	-6.12	37.95	74.00	-36.05	peak		
2		2389.400	25.14	-6.12	19.02	54.00	-34.98	AVG		
3	X	2470.000	92.08	-5.95	86.13	74.00	12.13	peak		No Limit
4	*	2470.000	81.55	-5.95	75.60	54.00	21.60	AVG		No Limit
5		2485.200	72.96	-5.91	67.05	74.00	-6.95	peak		
6		2485.200	59.84	-5.91	53.93	54.00	-0.07	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

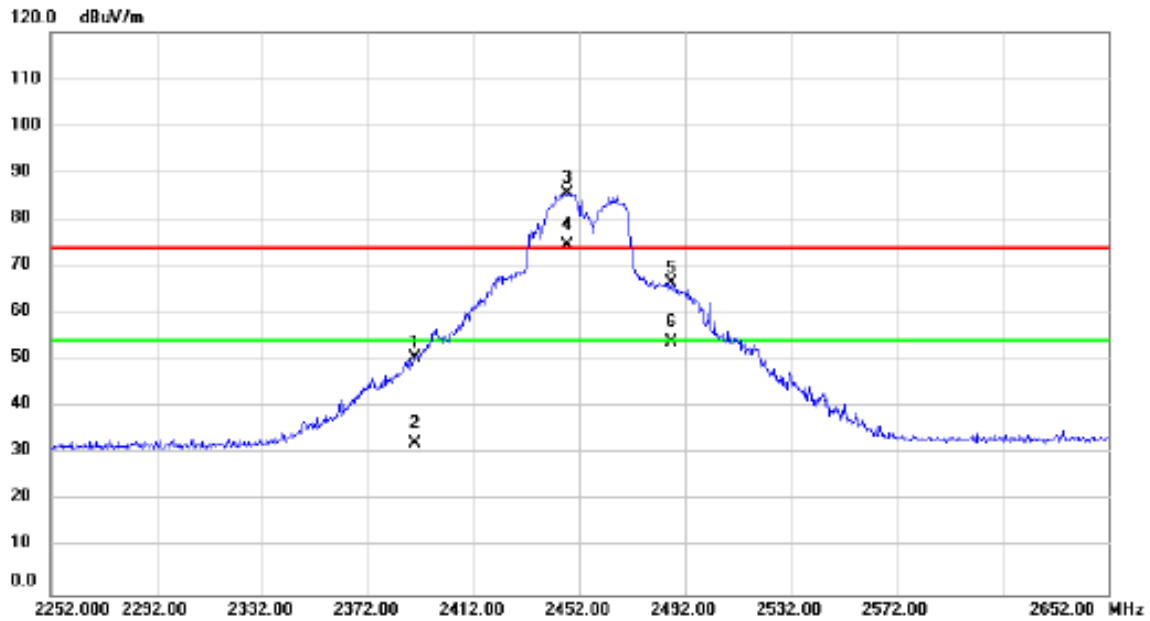


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		2388.800	71.63	-6.12	65.51	74.00	-8.49	peak		
2		2388.800	59.83	-6.12	53.71	54.00	-0.29	AVG		
3	X	2428.800	89.89	-6.04	83.85	74.00	9.85	peak		No Limit
4	*	2428.800	79.20	-6.04	73.16	54.00	19.16	AVG		No Limit
5		2488.000	56.02	-5.90	50.12	74.00	-23.88	peak		
6		2488.000	36.56	-5.90	30.66	54.00	-23.34	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

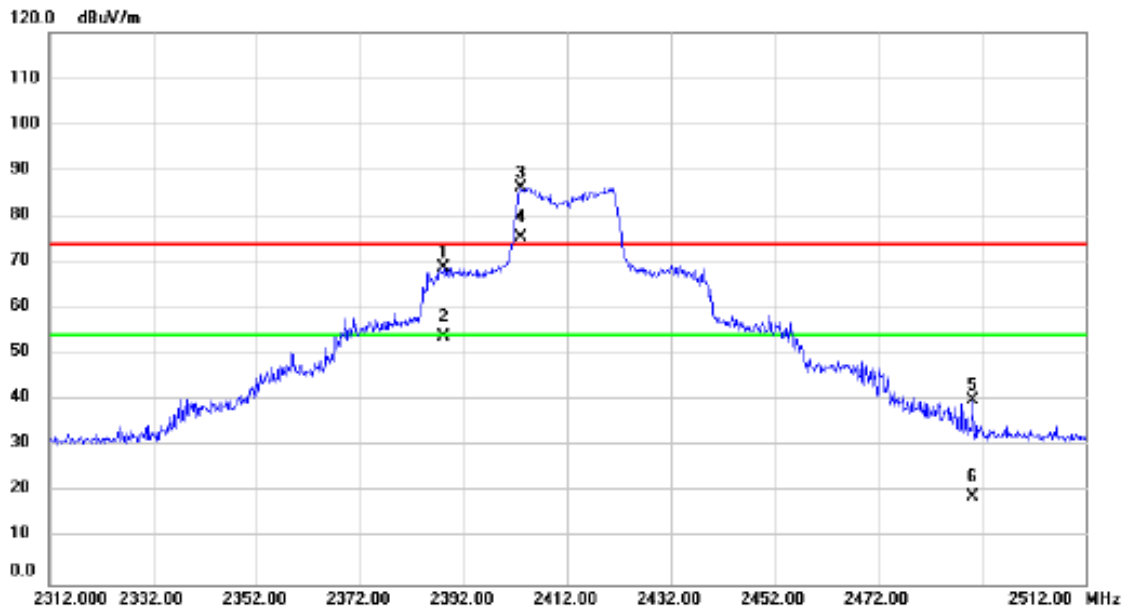


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2390.000	56.77	-6.12	50.65	74.00	-23.35	peak			
2		2390.000	38.46	-6.12	32.34	54.00	-21.66	AVG			
3	X	2447.600	91.63	-5.99	85.64	74.00	11.64	peak			No Limit
4	*	2447.600	80.52	-5.99	74.53	54.00	20.53	AVG			No Limit
5		2487.200	72.32	-5.91	66.41	74.00	-7.59	peak			
6		2487.200	59.83	-5.91	53.92	54.00	-0.08	AVG			

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

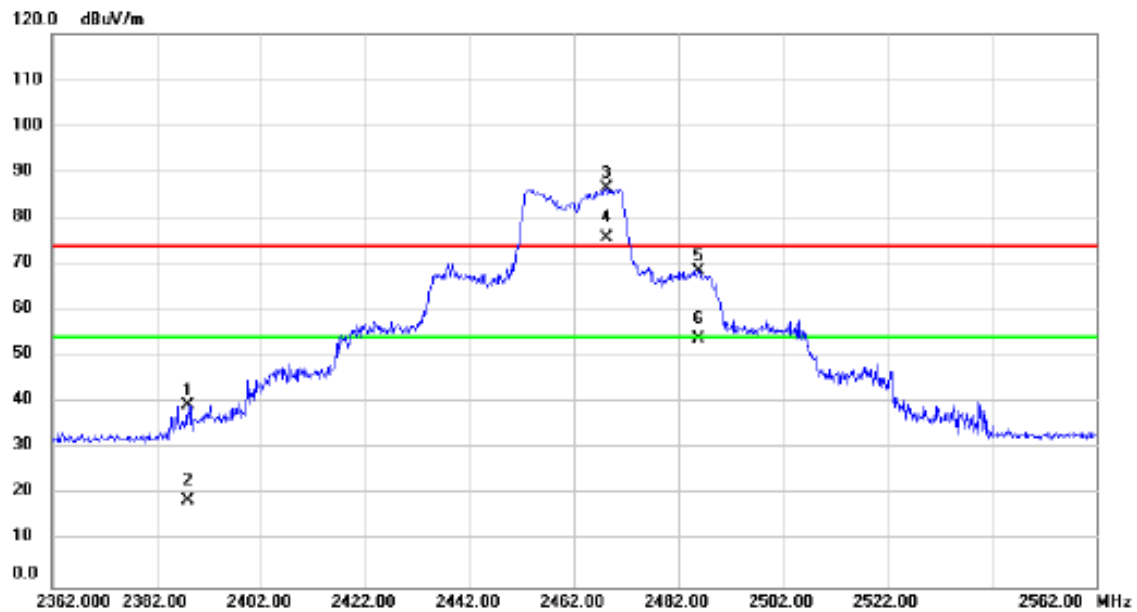


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		2388.200	74.93	-6.12	68.81	74.00	-5.19	peak		
2		2388.200	60.06	-6.12	53.94	54.00	-0.06	AVG		
3	X	2403.200	92.43	-6.09	86.34	74.00	12.34	peak		No Limit
4	*	2403.200	81.57	-6.09	75.48	54.00	21.48	AVG		No Limit
5		2490.200	45.92	-5.90	40.02	74.00	-33.98	peak		
6		2490.200	24.83	-5.90	18.93	54.00	-35.07	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

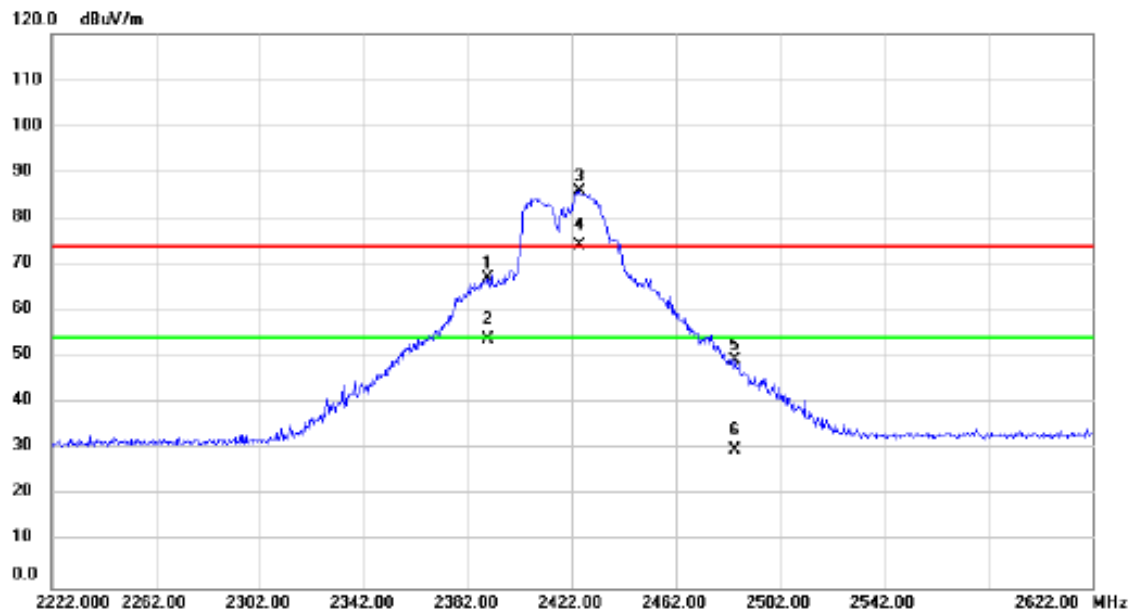


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Detector	Comment
1		2388.000	45.59	-6.12	39.47	74.00	-34.53			peak	
2		2388.000	24.98	-6.12	18.86	54.00	-35.14			AVG	
3	X	2468.200	92.52	-5.95	86.57	74.00	12.57			peak	No Limit
4	*	2468.200	81.83	-5.95	75.88	54.00	21.88			AVG	No Limit
5		2485.800	74.41	-5.91	68.50	74.00	-5.50			peak	
6		2485.800	59.82	-5.91	53.91	54.00	-0.09			AVG	

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		2389.600	73.18	-6.12	67.06	74.00	-6.94	peak			
2		2389.600	60.01	-6.12	53.89	54.00	-0.11	AVG			
3	X	2425.200	91.93	-6.04	85.89	74.00	11.89	peak			No Limit
4	*	2425.200	80.35	-6.04	74.31	54.00	20.31	AVG			No Limit
5		2484.800	55.30	-5.91	49.39	74.00	-24.61	peak			
6		2484.800	35.68	-5.91	29.77	54.00	-24.23	AVG			

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



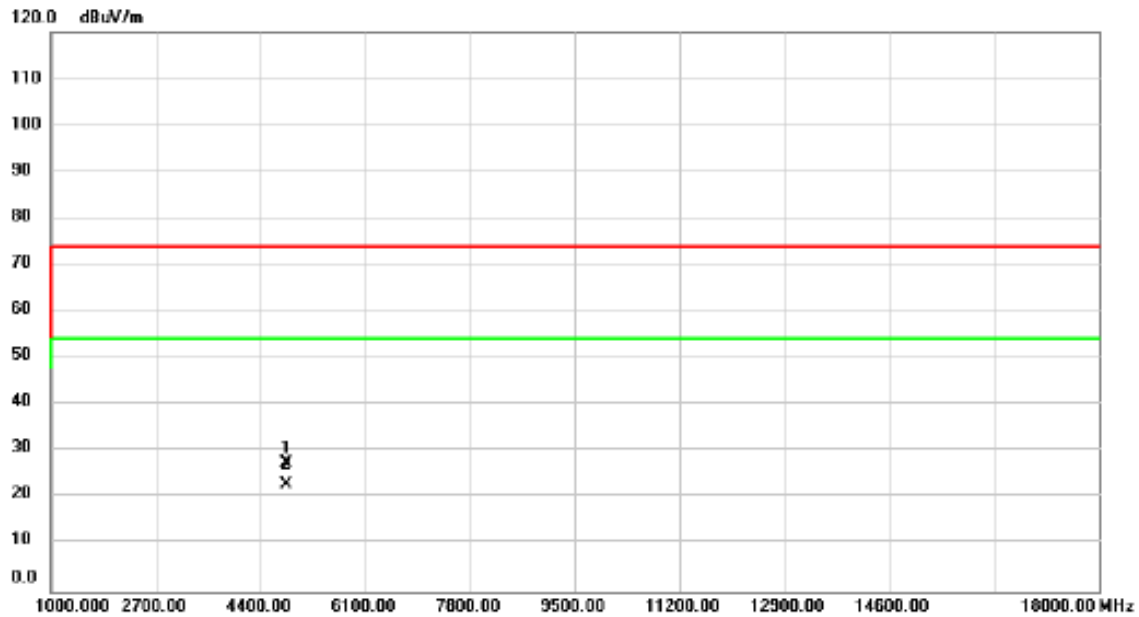
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		2390.000	57.49	-6.12	51.37	74.00	-22.63	peak		
2		2390.000	40.26	-6.12	34.14	54.00	-19.86	AVG		
3	X	2448.400	91.32	-5.99	85.33	74.00	11.33	peak		No Limit
4	*	2448.400	80.77	-5.99	74.78	54.00	20.78	AVG		No Limit
5		2486.000	73.39	-5.91	67.48	74.00	-6.52	peak		
6		2486.000	59.89	-5.91	53.98	54.00	-0.02	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

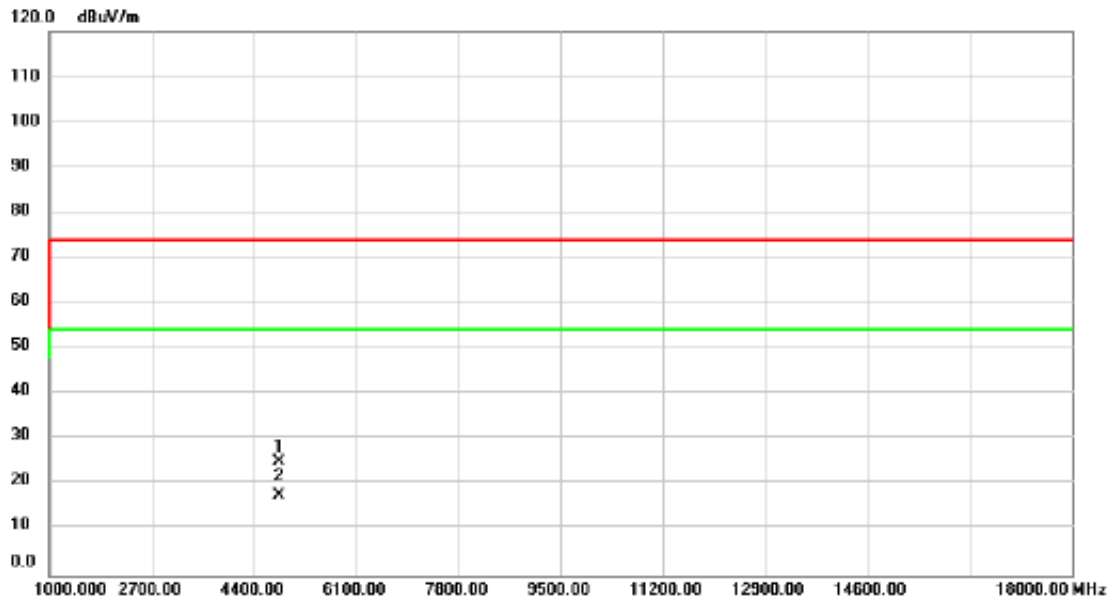


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4825.000	35.88	-8.56	27.32	74.00	-46.68	peak		
2	*	4825.000	31.51	-8.56	22.95	54.00	-31.05	AVG		

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

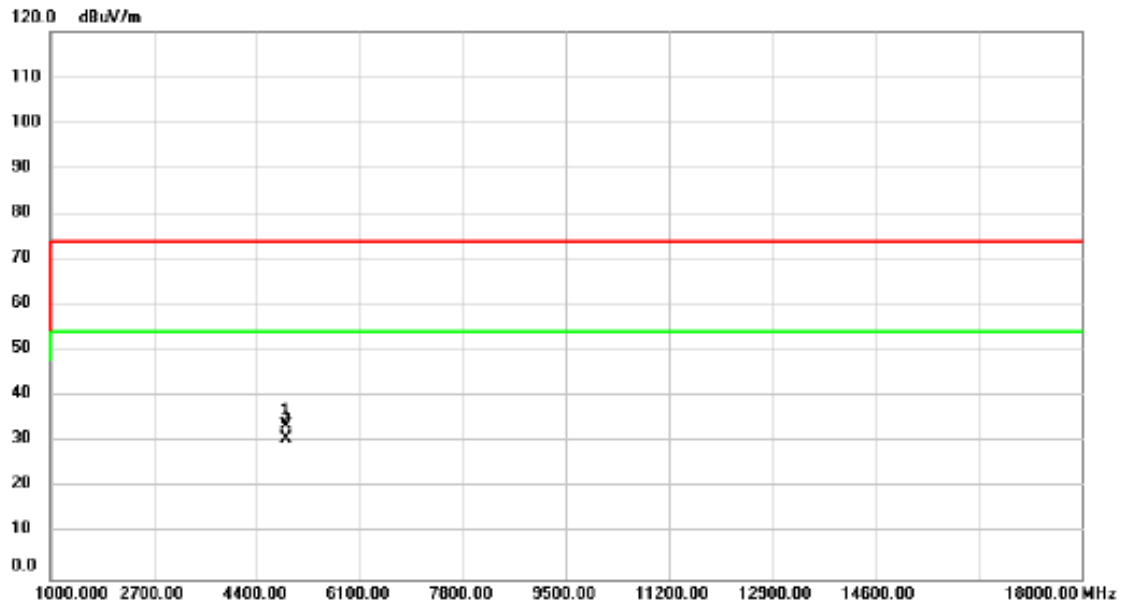


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4824.000	33.66	-8.57	25.09	74.00	-48.91	peak		
2	*	4824.000	26.22	-8.57	17.65	54.00	-36.35	AVG		

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

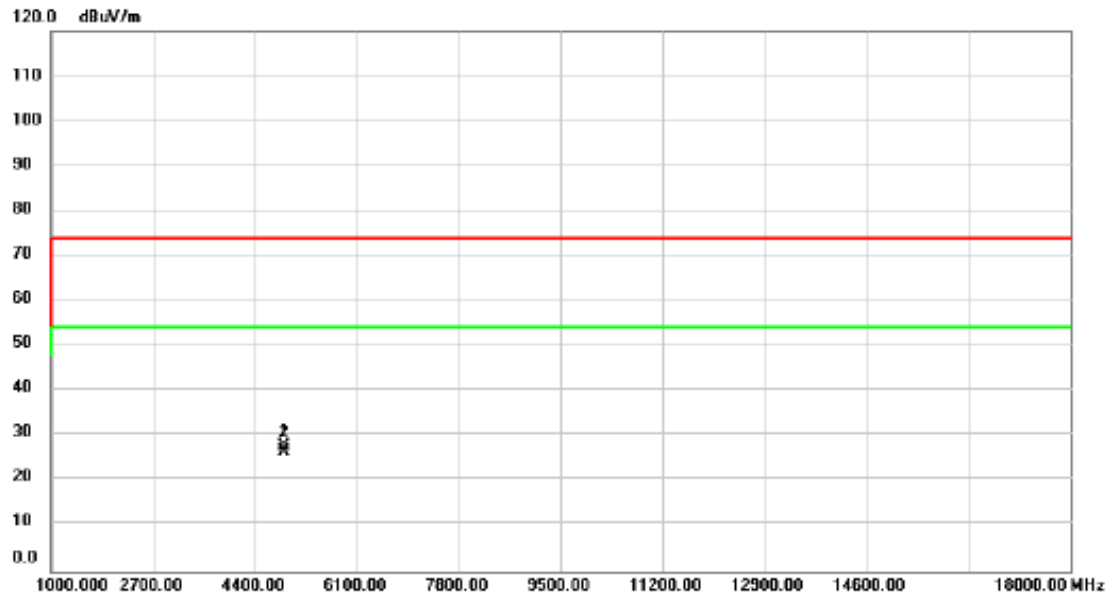


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4876.000	42.16	-8.43	33.73	74.00	-40.27			peak
2	*	4876.000	39.30	-8.43	30.87	54.00	-23.13			AVG

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

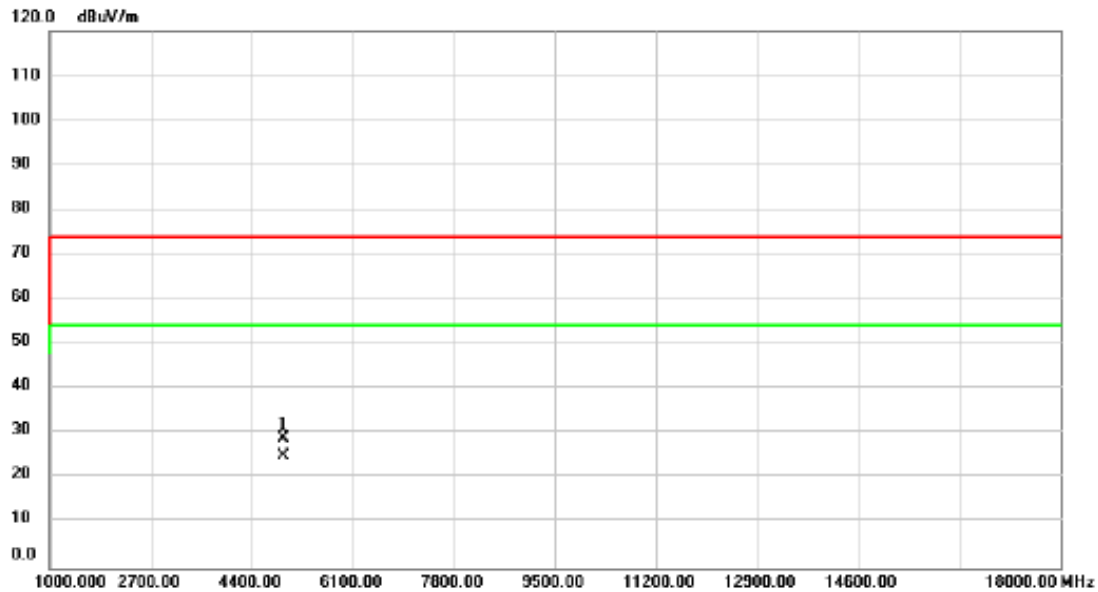


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4876.000	36.10	-8.43	27.67	74.00	-46.33			peak
2	*	4876.000	34.90	-8.43	26.47	54.00	-27.53			AVG

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

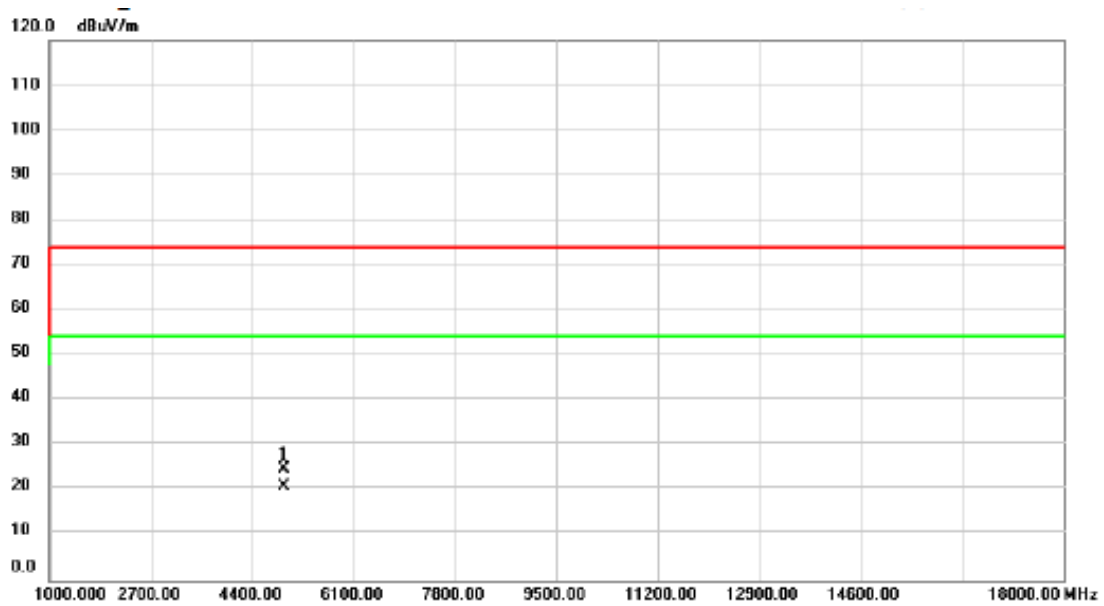


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.000	37.34	-8.33	29.01	74.00	-44.99			peak
2	*	4924.000	33.40	-8.33	25.07	54.00	-28.93			AVG

REMARKS:

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

Test Mode	IEEE 802.11b	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

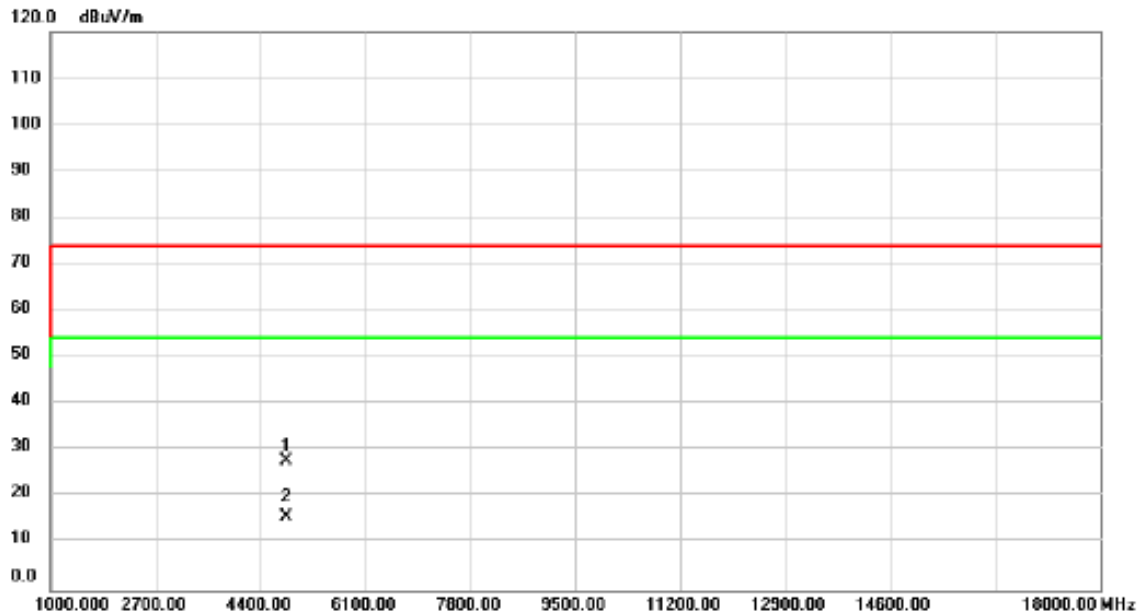


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.000	33.03	-8.33	24.70	74.00	-49.30	peak		
2	*	4924.000	29.33	-8.33	21.00	54.00	-33.00	AVG		

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

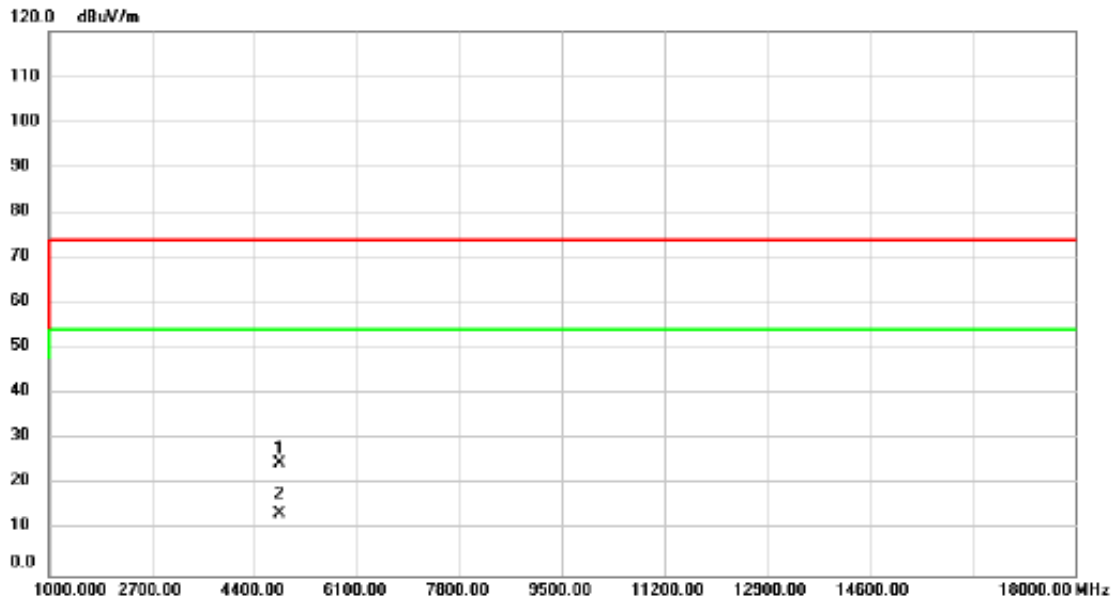


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4825.000	36.34	-8.56	27.78	74.00	-46.22	peak		
2	*	4825.000	24.41	-8.56	15.85	54.00	-38.15	AVG		

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

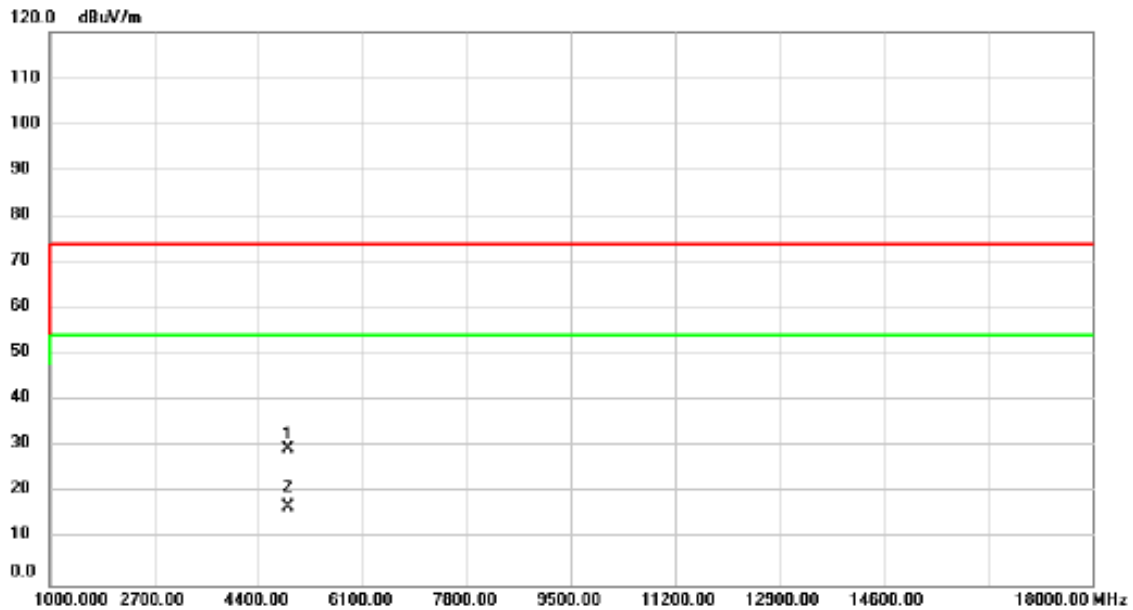


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.000	33.17	-8.57	24.60	74.00	-49.40	peak		
2	*	4824.000	22.23	-8.57	13.66	54.00	-40.34	AVG		

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

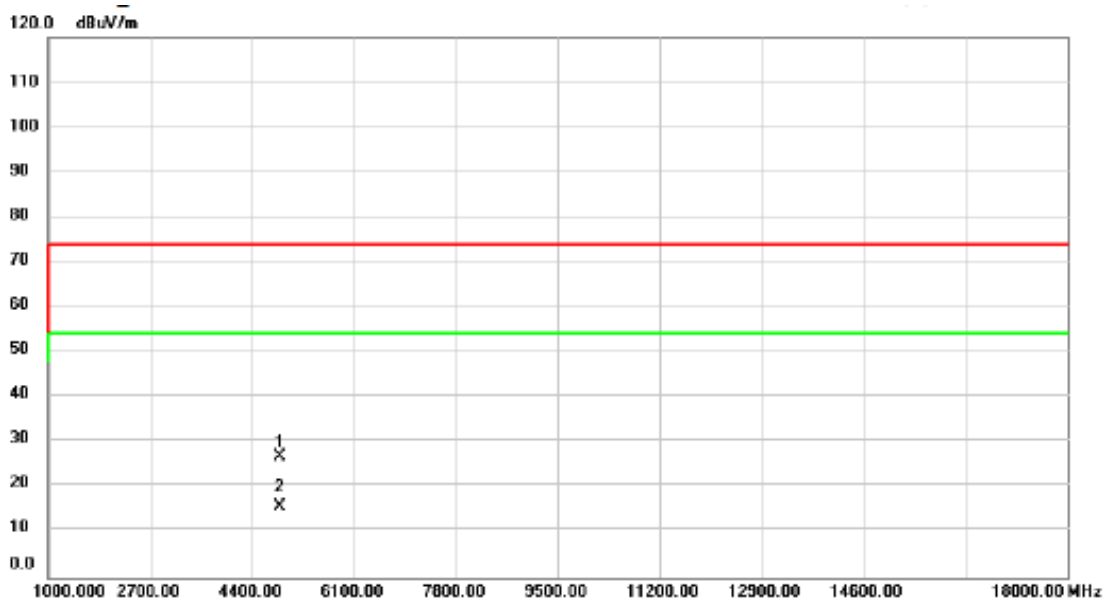


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4876.000	37.87	-8.43	29.44	74.00	-44.56	peak		
2	*	4876.000	25.39	-8.43	16.96	54.00	-37.04	AVG		

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

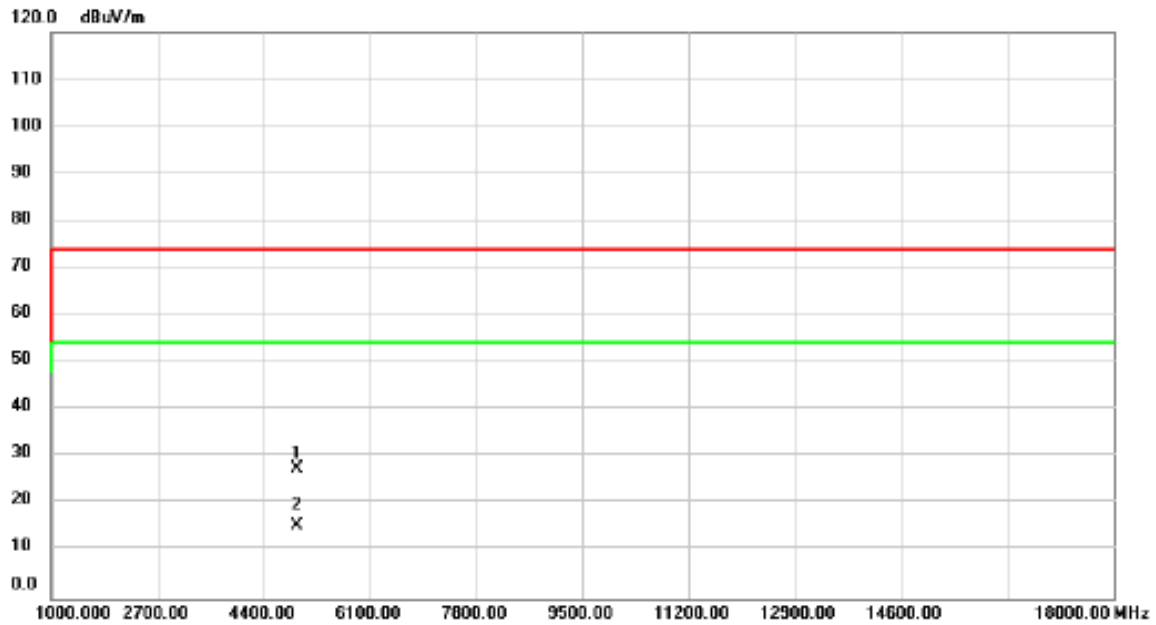


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4874.000	35.20	-8.44	26.76	74.00	-47.24	peak		
2	*	4874.000	24.15	-8.44	15.71	54.00	-38.29	AVG		

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

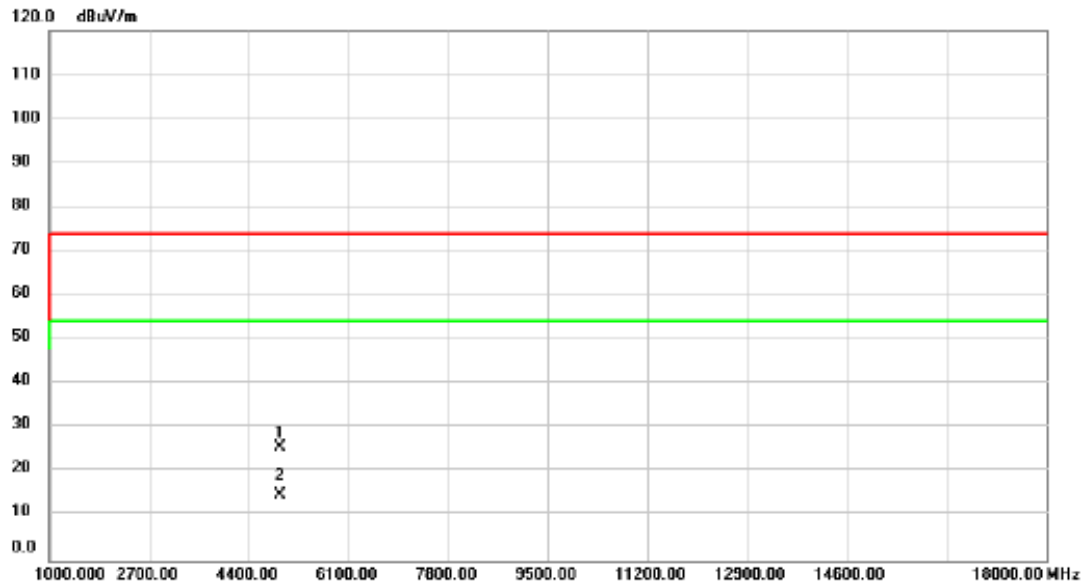


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.000	35.66	-8.33	27.33	74.00	-46.67			peak
2	*	4924.000	23.88	-8.33	15.55	54.00	-38.45			AVG

REMARKS:

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

Test Mode	IEEE 802.11g	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

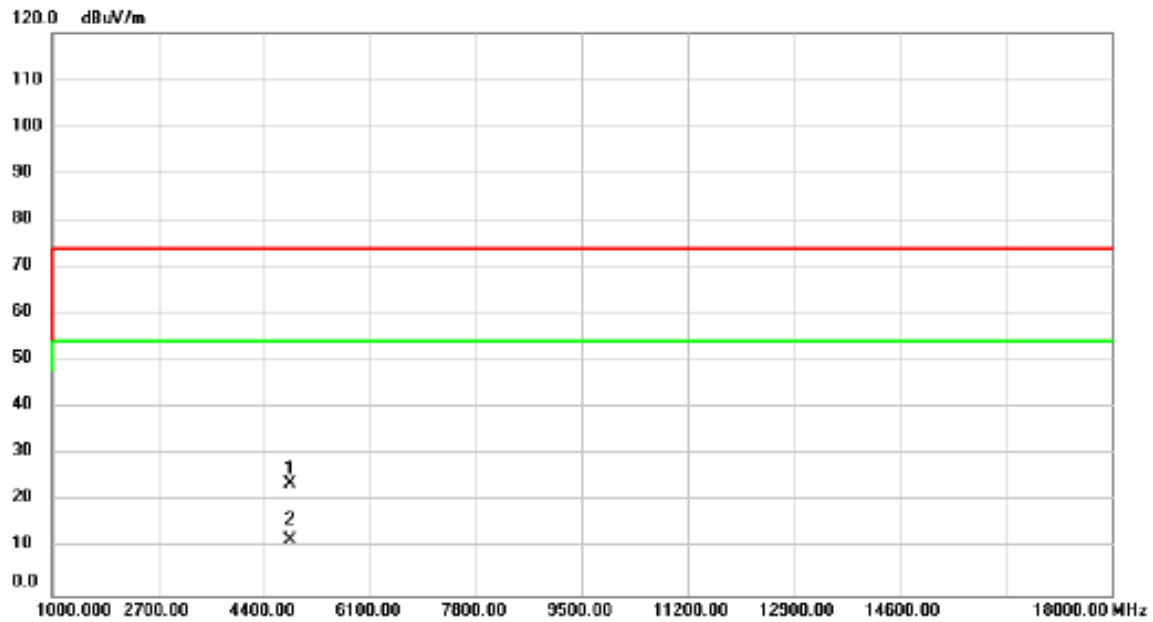


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4924.000	33.89	-8.33	25.56	74.00	-48.44	peak		
2	*	4924.000	23.10	-8.33	14.77	54.00	-39.23	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

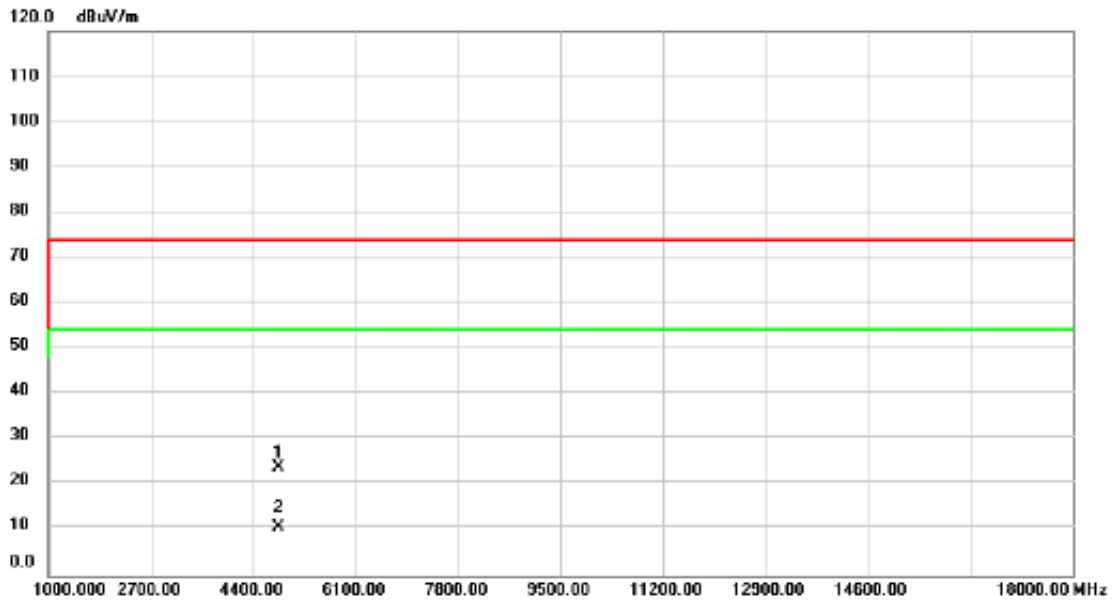


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		4824.000	32.35	-8.57	23.78	74.00	-50.22	peak	
2	*	4824.000	20.37	-8.57	11.80	54.00	-42.20	AVG	

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

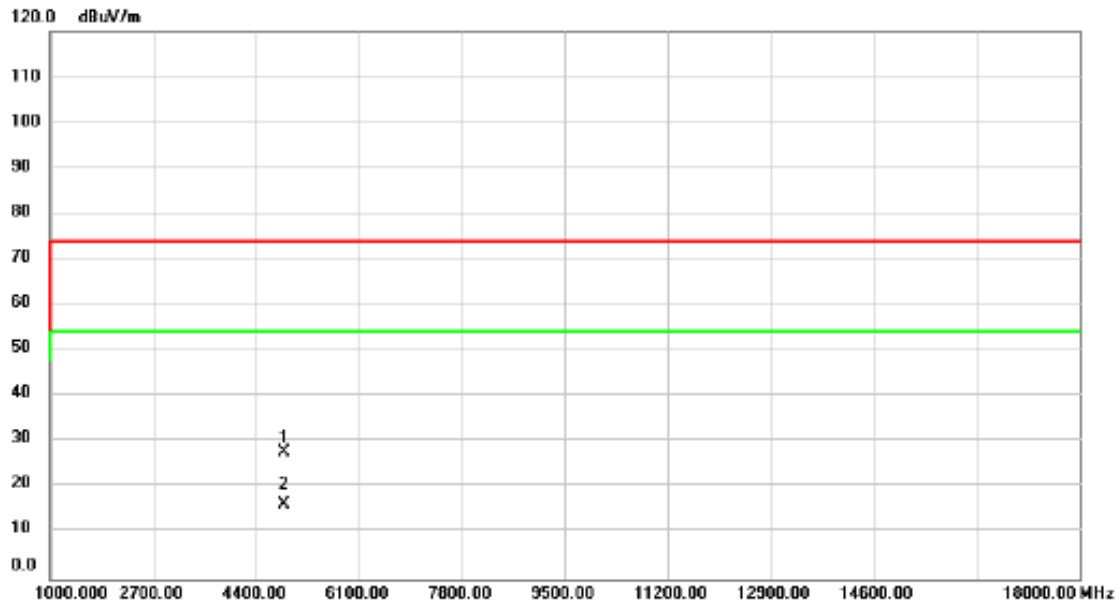


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.000	32.31	-8.57	23.74	74.00	-50.26	peak		
2	*	4824.000	19.30	-8.57	10.73	54.00	-43.27	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

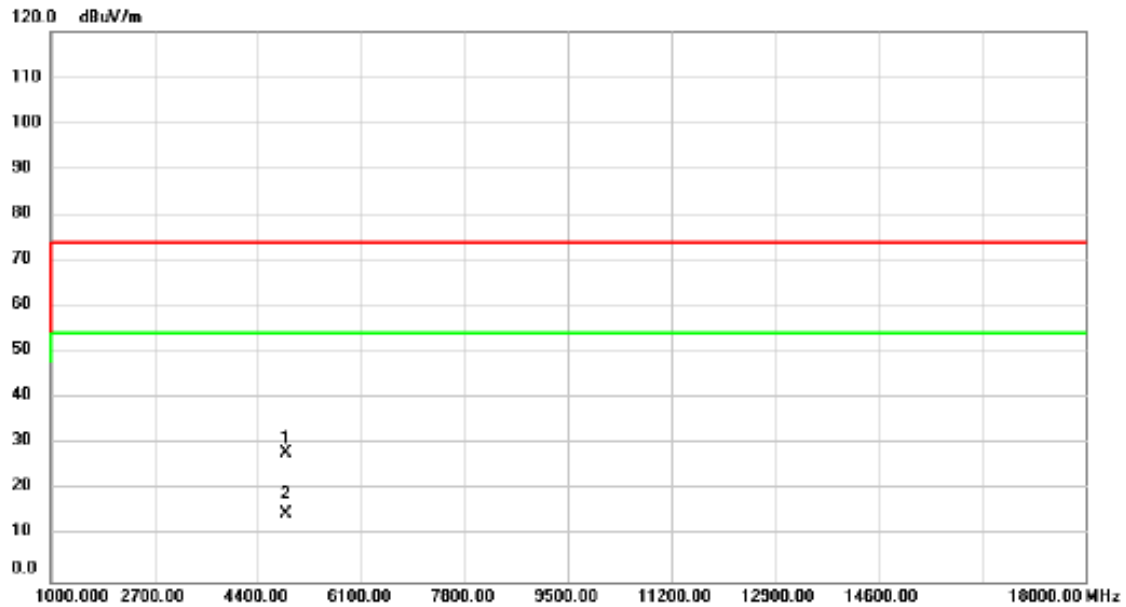


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	36.31	-8.44	27.87	74.00	-46.13	peak		
2	*	4874.000	24.69	-8.44	16.25	54.00	-37.75	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

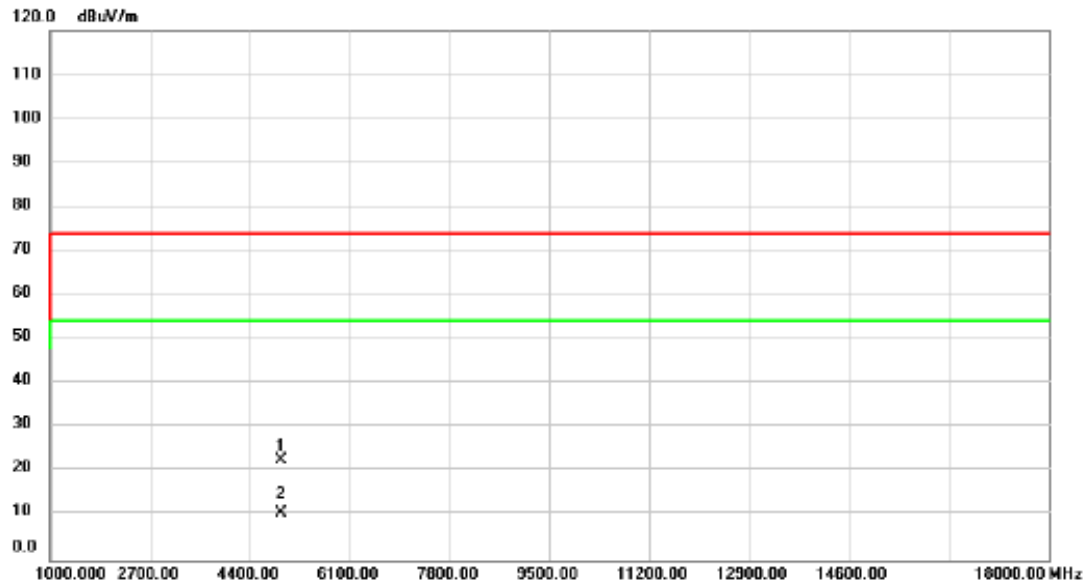


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	36.60	-8.44	28.16	74.00	-45.84	peak		
2	*	4874.000	23.27	-8.44	14.83	54.00	-39.17	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

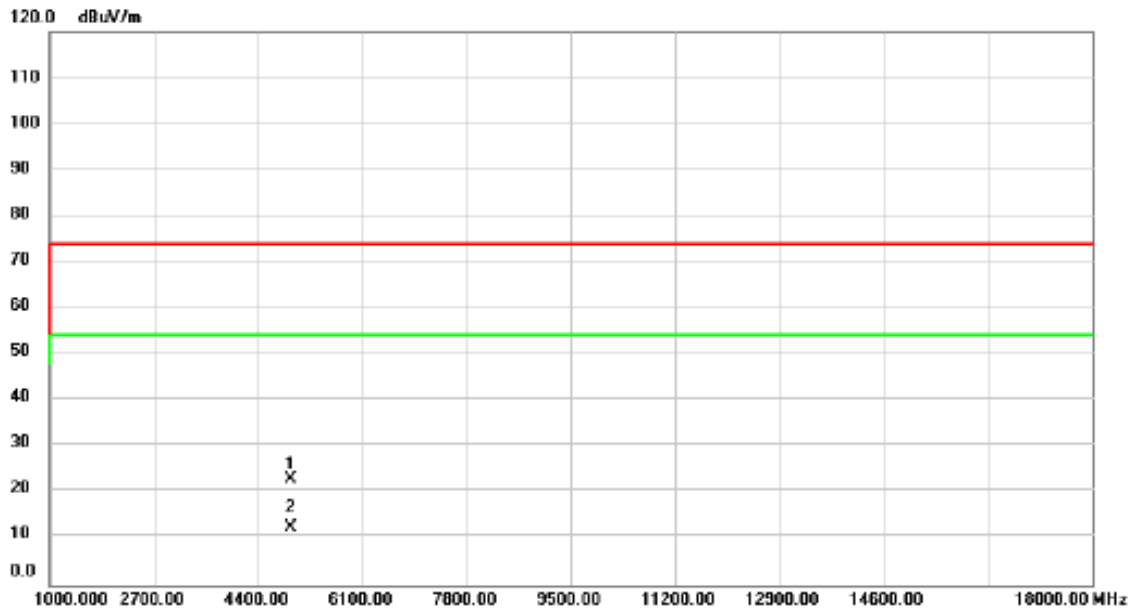


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4924.000	30.89	-8.33	22.56	74.00	-51.44	peak		
2	*	4924.000	19.05	-8.33	10.72	54.00	-43.28	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

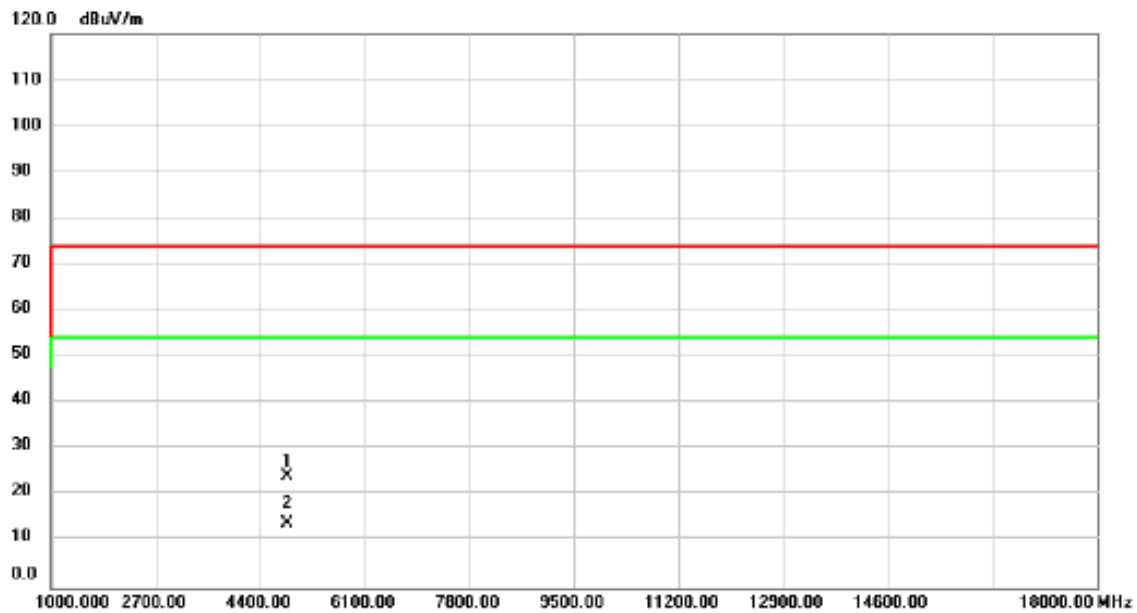


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4924.000	31.31	-8.33	22.98	74.00	-51.02	peak		
2	*	4924.000	20.66	-8.33	12.33	54.00	-41.67	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

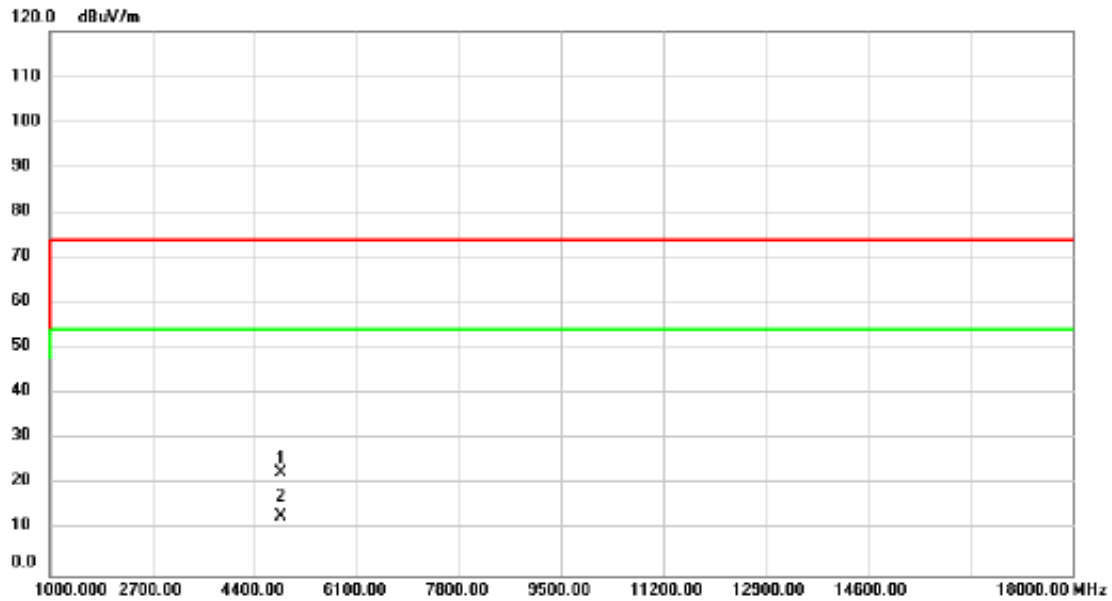


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4844.000	32.55	-8.52	24.03	74.00	-49.97	peak		
2	*	4844.000	22.35	-8.52	13.83	54.00	-40.17	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

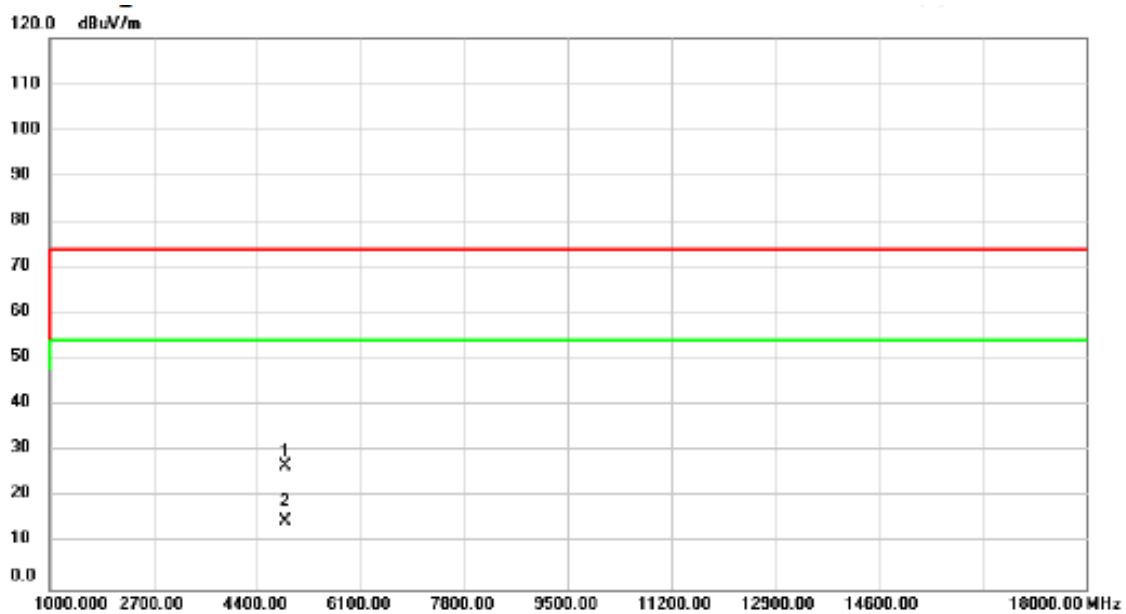


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4844.000	31.32	-8.52	22.80	74.00	-51.20	peak		
2	*	4844.000	21.68	-8.52	13.16	54.00	-40.84	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

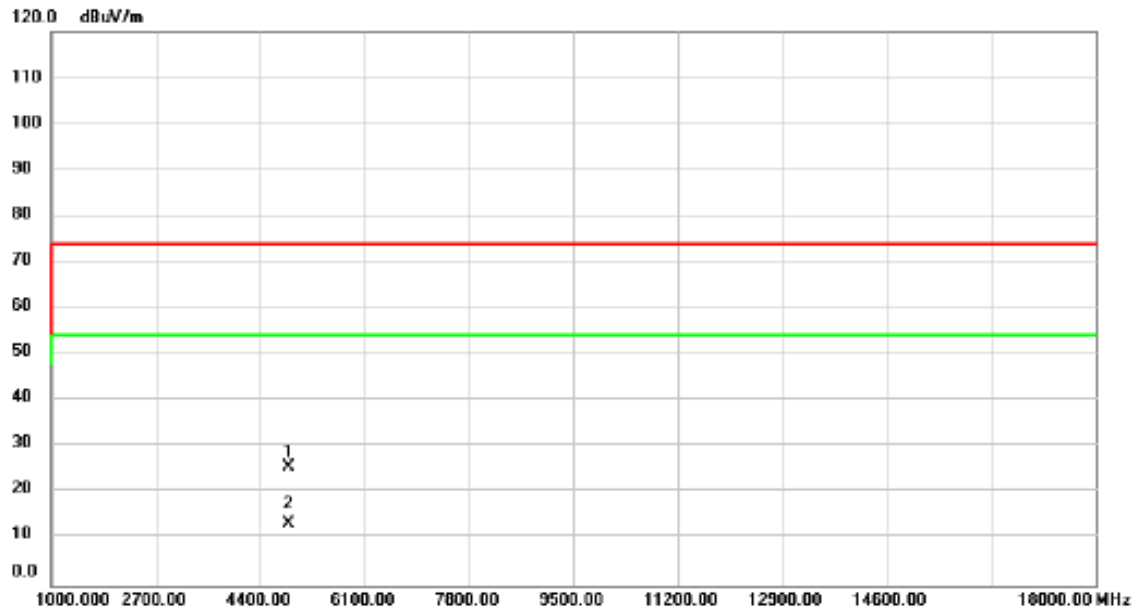


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4874.000	35.23	-8.44	26.79	74.00	-47.21	peak		
2	*	4874.000	23.18	-8.44	14.74	54.00	-39.26	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

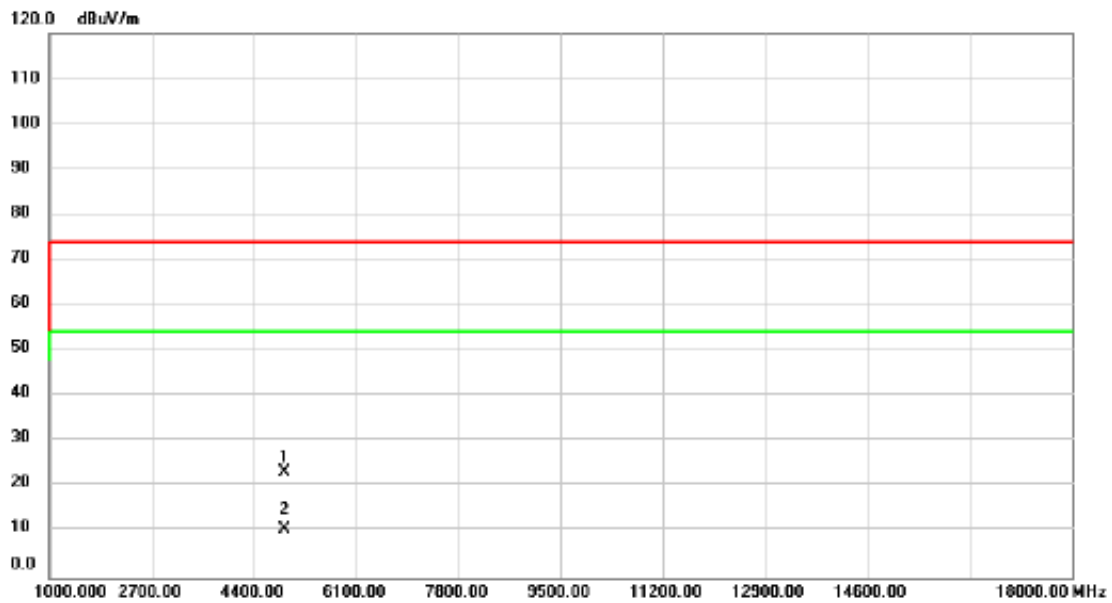


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	33.98	-8.44	25.54	74.00	-48.46	peak		
2	*	4874.000	21.91	-8.44	13.47	54.00	-40.53	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

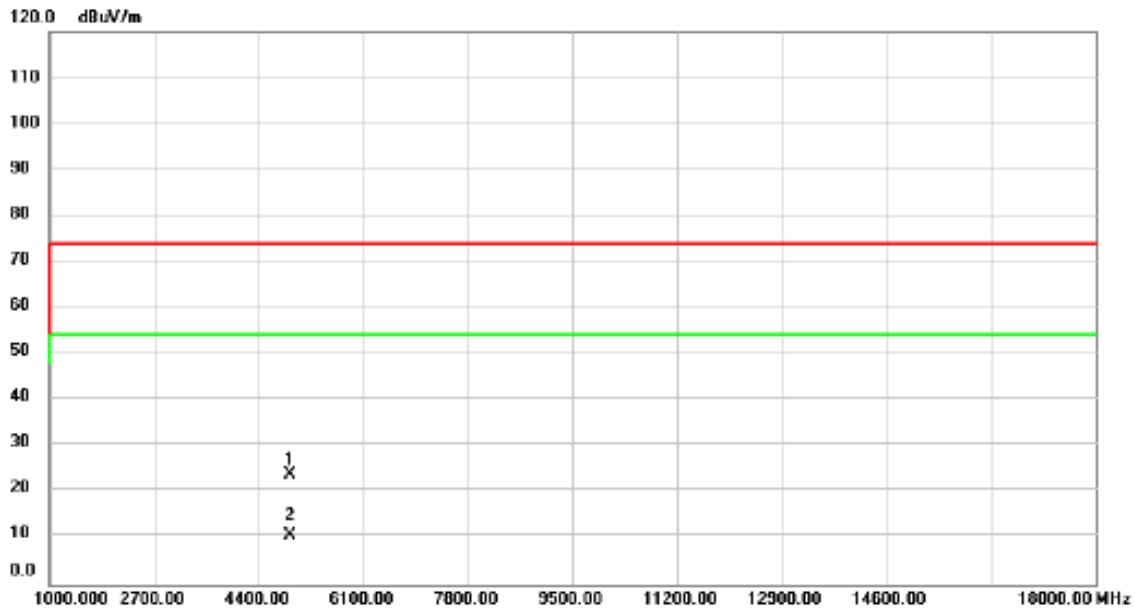


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4904.000	31.46	-8.36	23.10	74.00	-50.90	peak		
2	*	4904.000	19.14	-8.36	10.78	54.00	-43.22	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n (HT40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

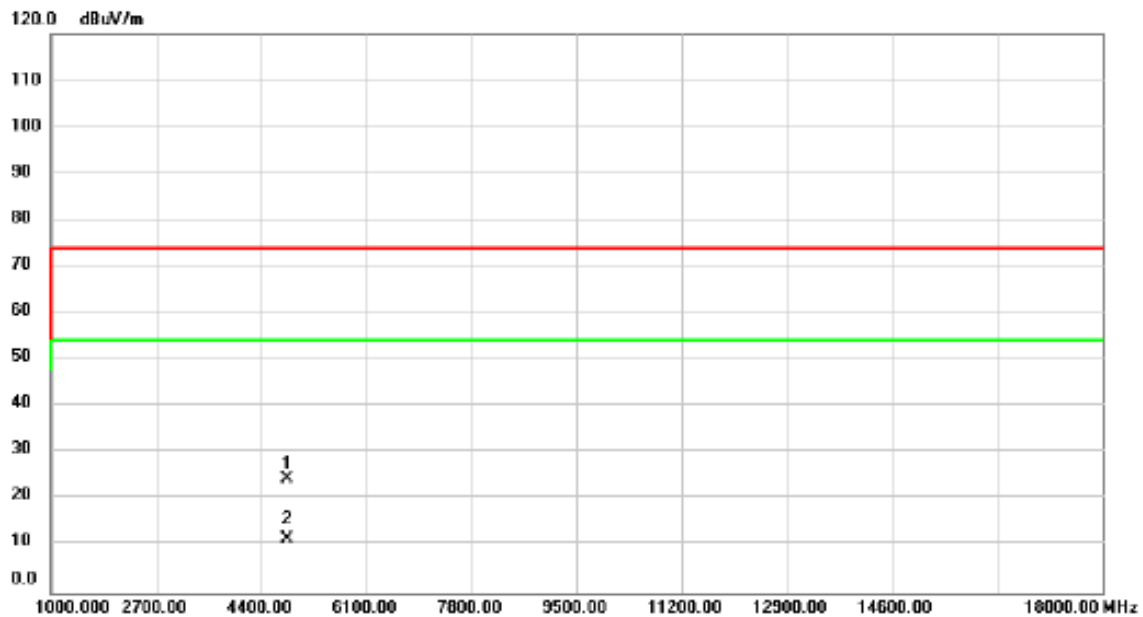


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		4904.000	32.17	-8.36	23.81	74.00	-50.19	peak	
2	*	4904.000	18.99	-8.36	10.63	54.00	-43.37	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

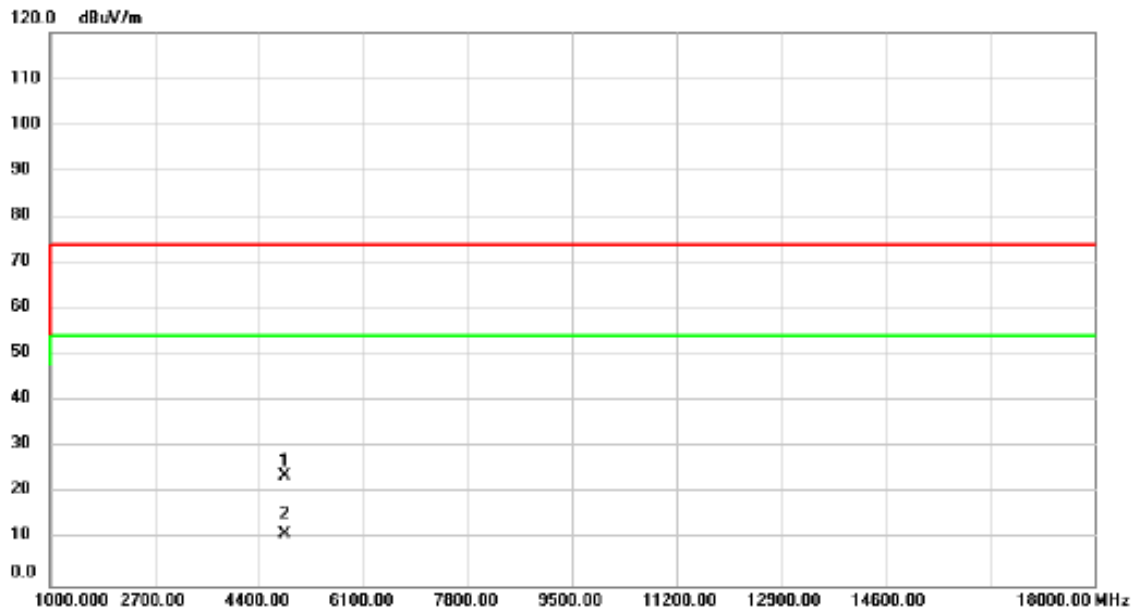


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4824.000	33.07	-8.57	24.50	74.00	-49.50	peak		
2	*	4824.000	20.18	-8.57	11.61	54.00	-42.39	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

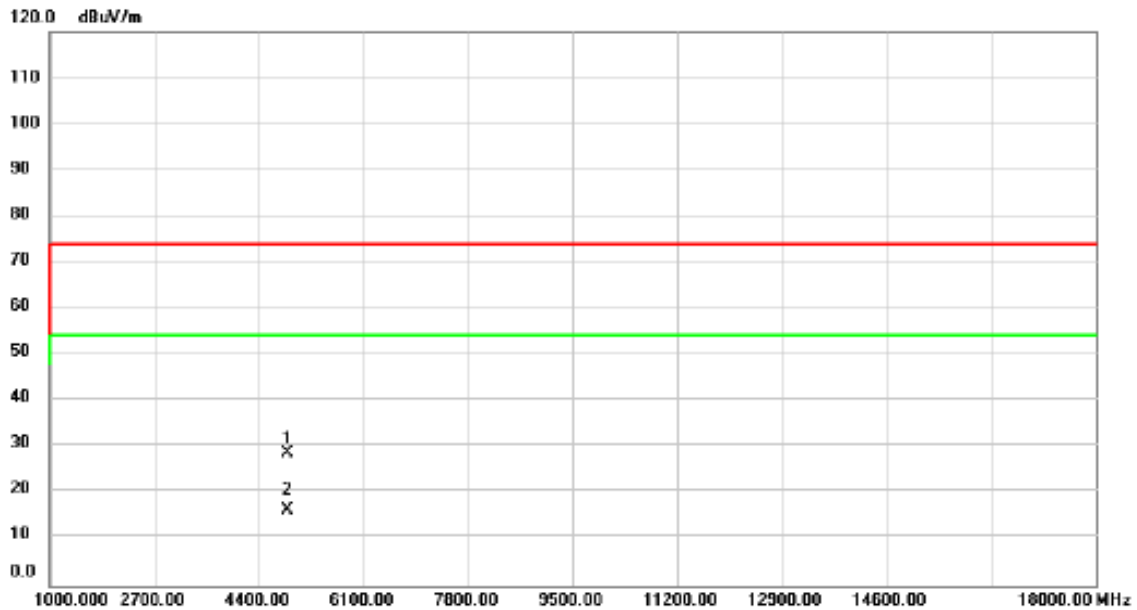


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4824.000	32.34	-8.57	23.77	74.00	-50.23	peak		
2	*	4824.000	19.73	-8.57	11.16	54.00	-42.84	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

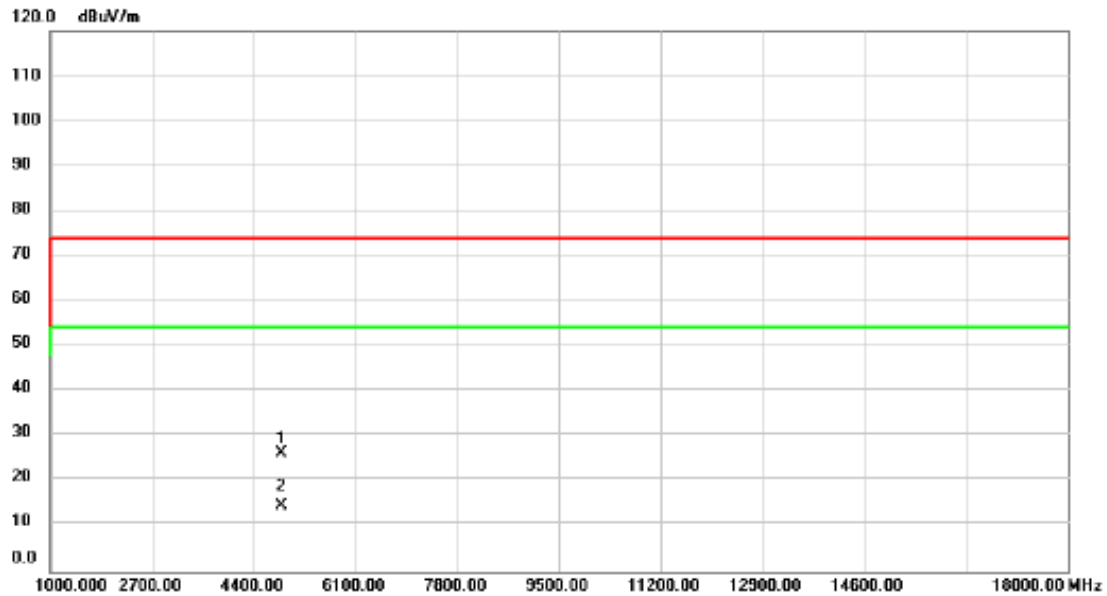


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4874.000	36.95	-8.44	28.51	74.00	-45.49	peak		
2	*	4874.000	24.75	-8.44	16.31	54.00	-37.69	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

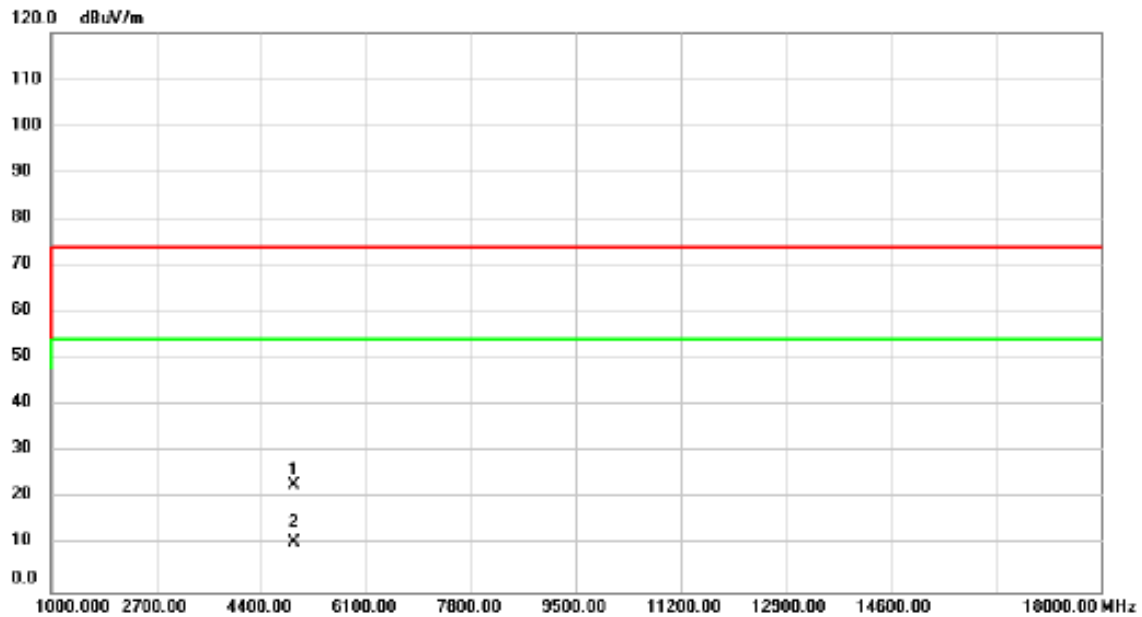


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	34.66	-8.44	26.22	74.00	-47.78			peak
2	*	4874.000	22.87	-8.44	14.43	54.00	-39.57			AVG

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

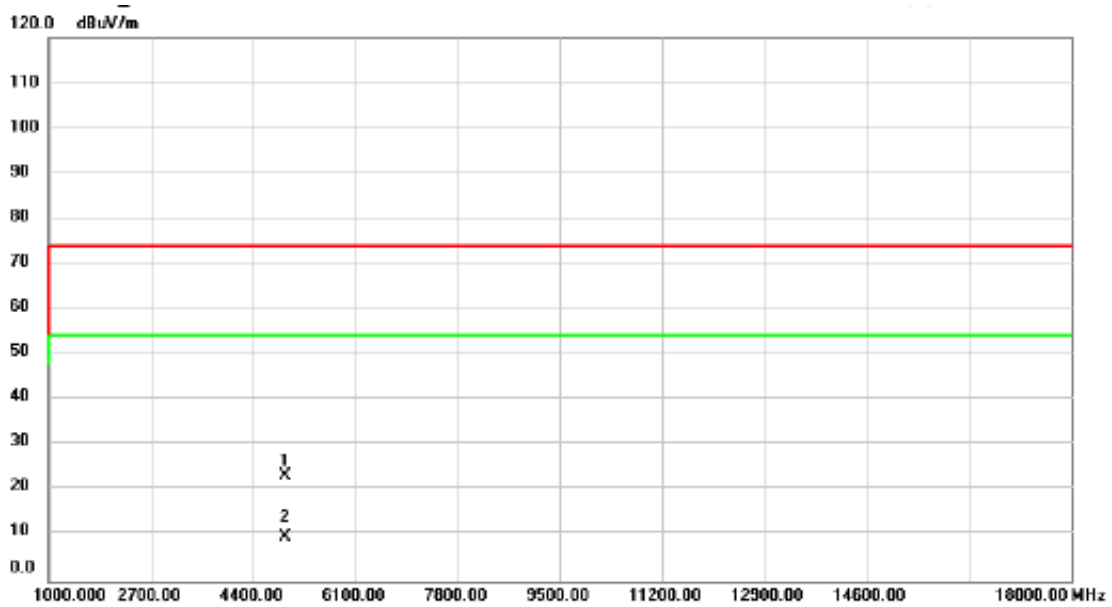


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4924.000	31.18	-8.33	22.85	74.00	-51.15	peak		
2	*	4924.000	18.93	-8.33	10.60	54.00	-43.40	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

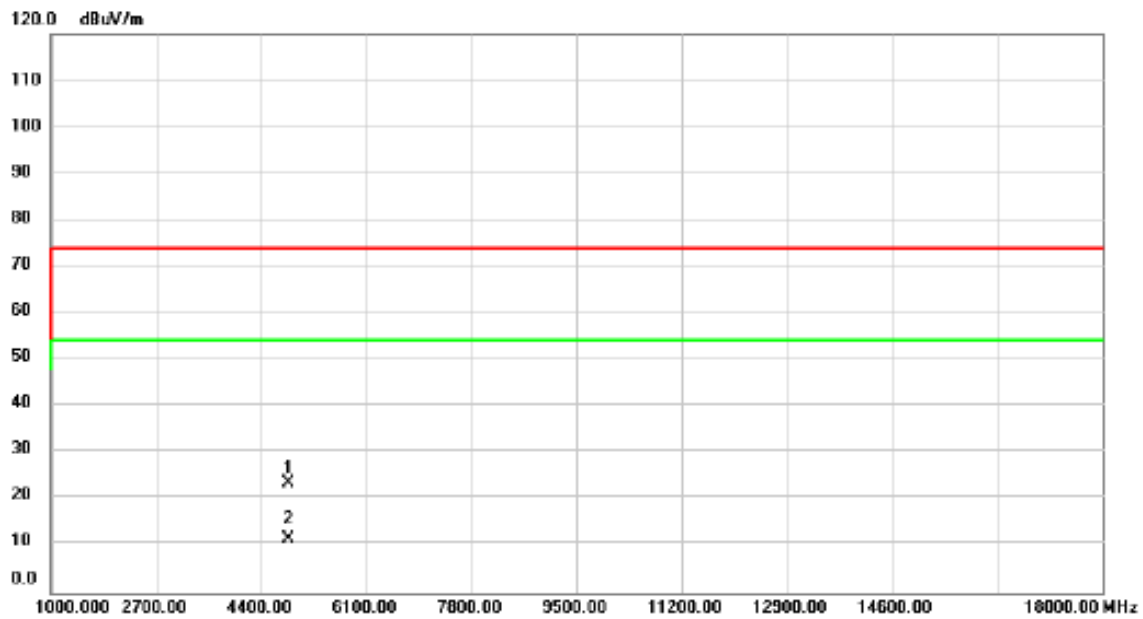


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4924.000	31.67	-8.33	23.34	74.00	-50.66	peak		
2	*	4924.000	18.21	-8.33	9.88	54.00	-44.12	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

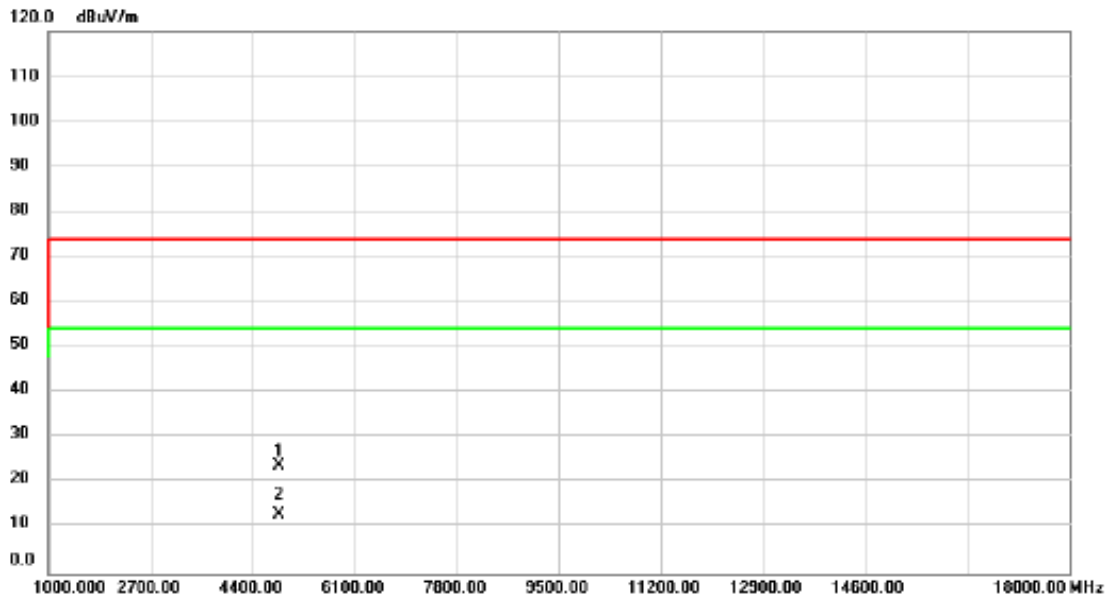


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree
1		4844.000	31.93	-8.52	23.41	74.00	-50.59	peak	
2	*	4844.000	20.15	-8.52	11.63	54.00	-42.37	AVG	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

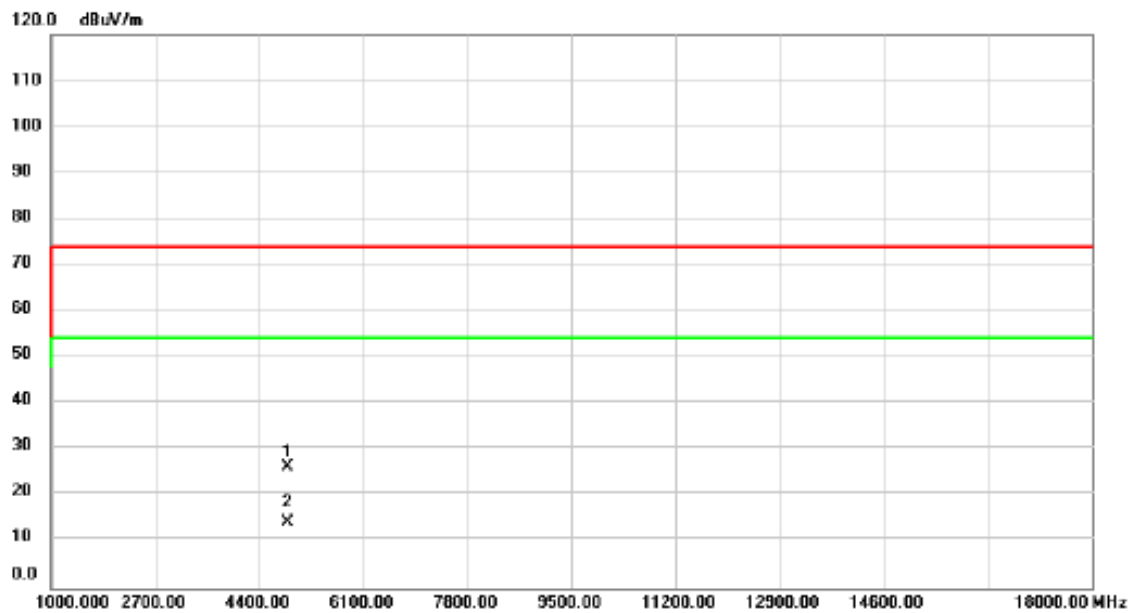


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4844.000	32.28	-8.52	23.76	74.00	-50.24	peak		
2	*	4844.000	21.54	-8.52	13.02	54.00	-40.98	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

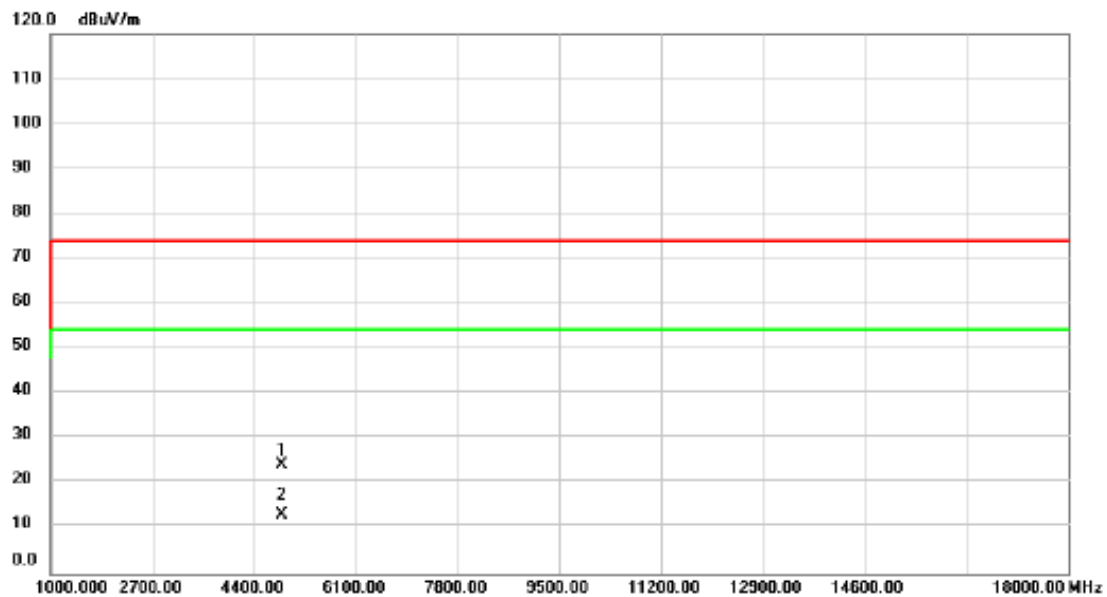


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	34.81	-8.44	26.37	74.00	-47.63	peak		
2	*	4874.000	22.58	-8.44	14.14	54.00	-39.86	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

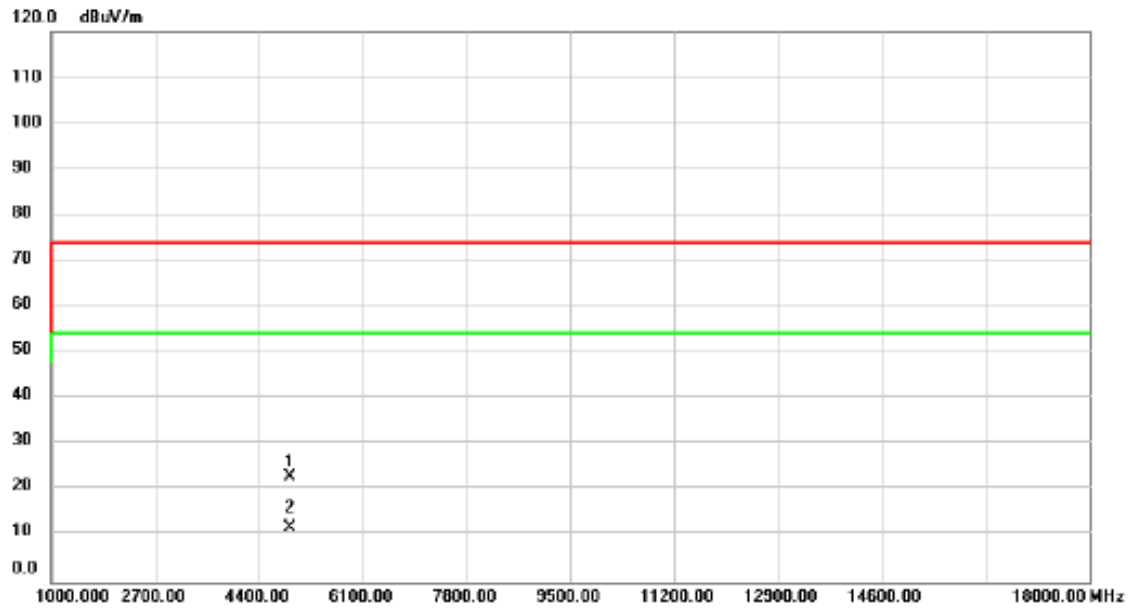


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	4874.000	32.60	-8.44	24.16	74.00	-49.84	peak			
2 *	4874.000	21.39	-8.44	12.95	54.00	-41.05	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



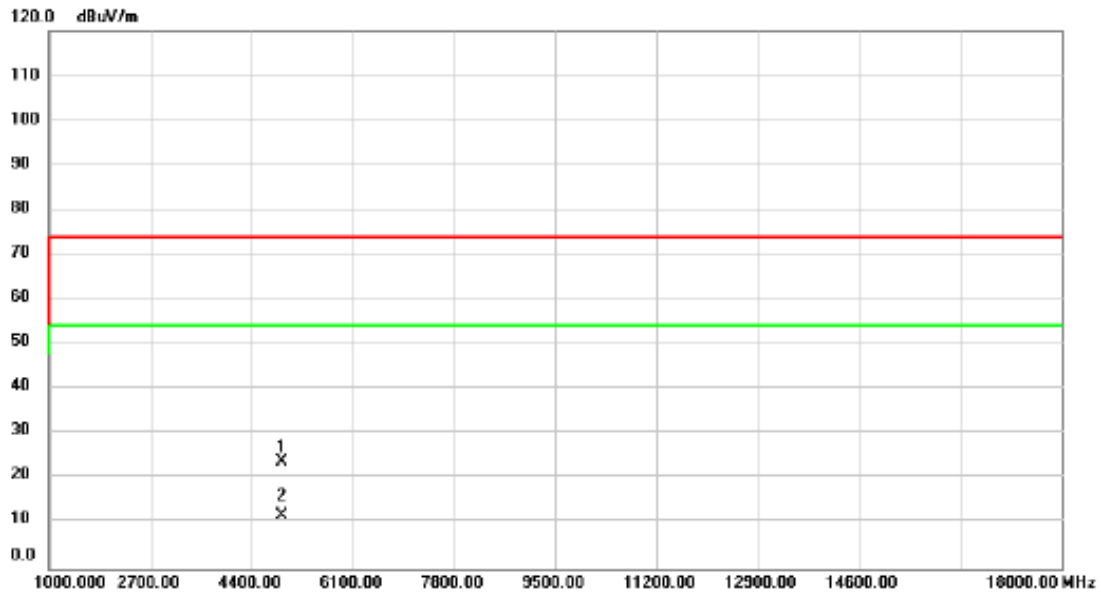
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4904.000	31.29	-8.36	22.93	74.00	-51.07			peak
2	*	4904.000	20.15	-8.36	11.79	54.00	-42.21			AVG

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

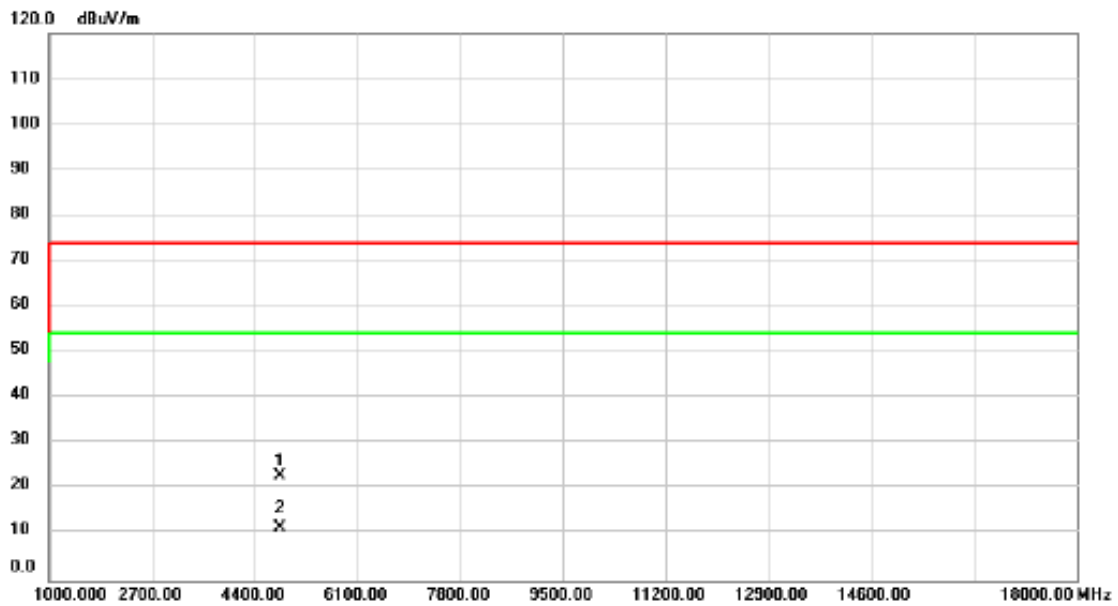


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4904.000	32.22	-8.36	23.86	74.00	-50.14	peak		
2	*	4904.000	20.24	-8.36	11.88	54.00	-42.12	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

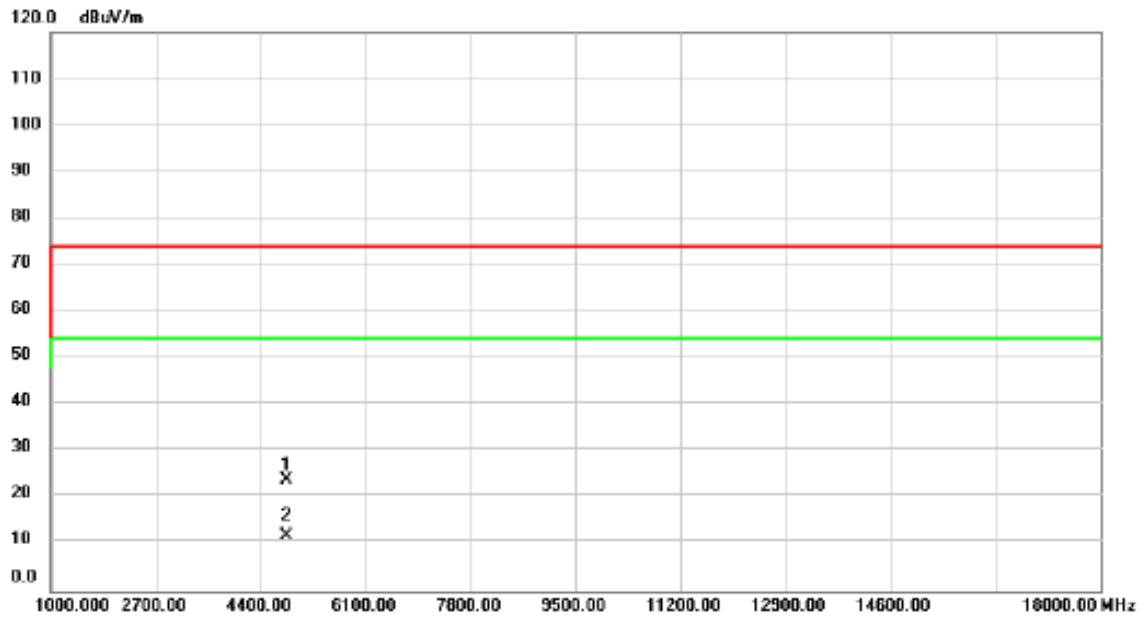


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4824.000	31.64	-8.57	23.07	74.00	-50.93	peak		
2	*	4824.000	20.22	-8.57	11.65	54.00	-42.35	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2412MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

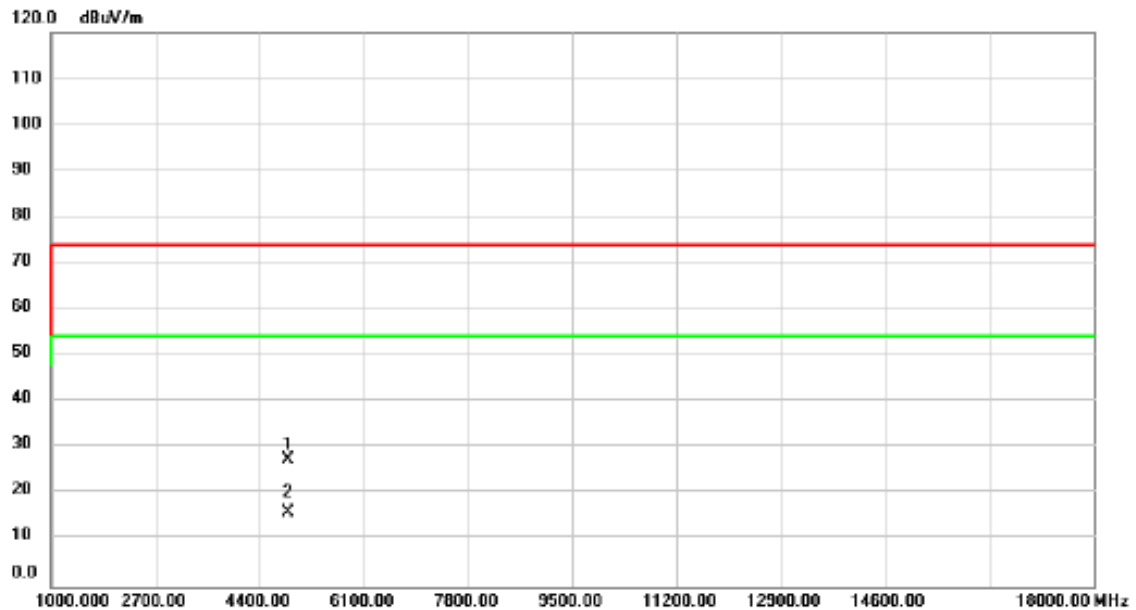


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4824.000	32.41	-8.57	23.84	74.00	-50.16			peak
2	*	4824.000	20.44	-8.57	11.87	54.00	-42.13			AVG

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

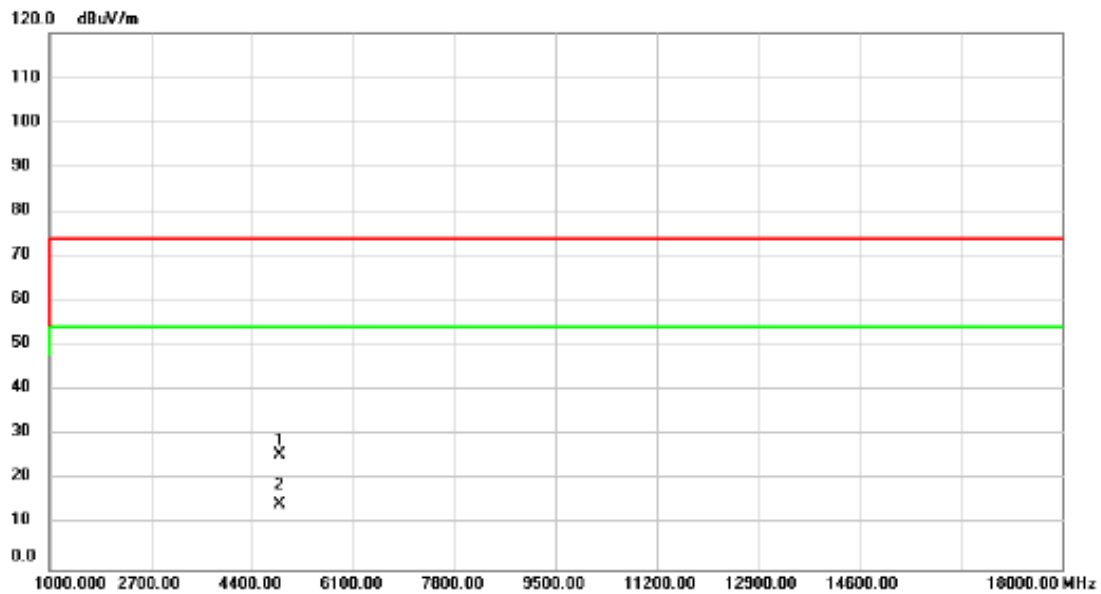


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4874.000	36.03	-8.44	27.59	74.00	-46.41	peak		
2	*	4874.000	24.58	-8.44	16.14	54.00	-37.86	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

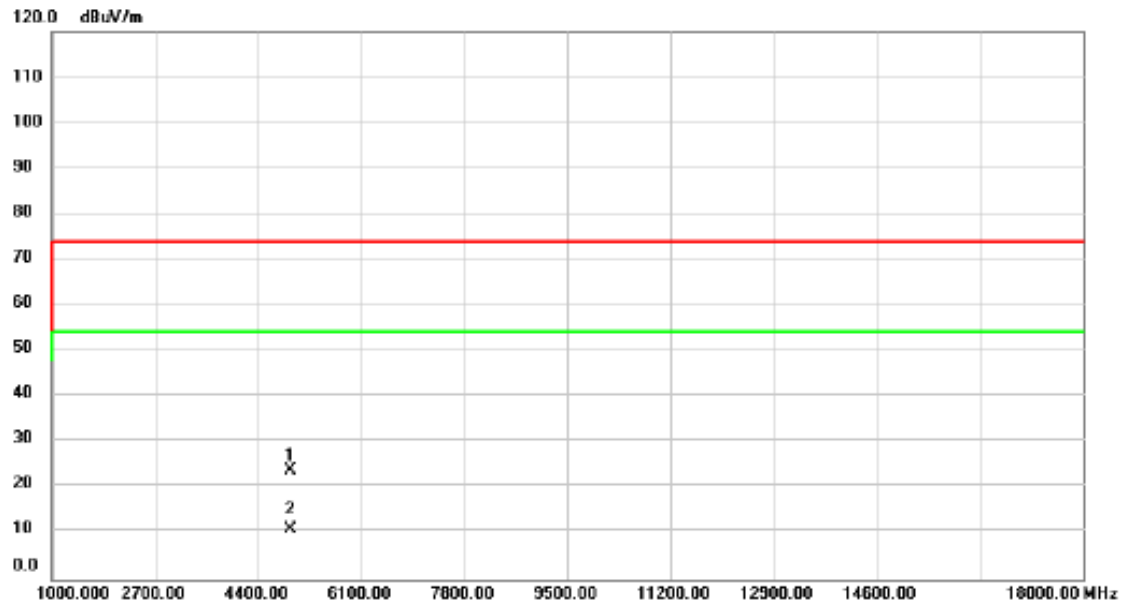


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	34.23	-8.44	25.79	74.00	-48.21	peak		
2	*	4874.000	23.03	-8.44	14.59	54.00	-39.41	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

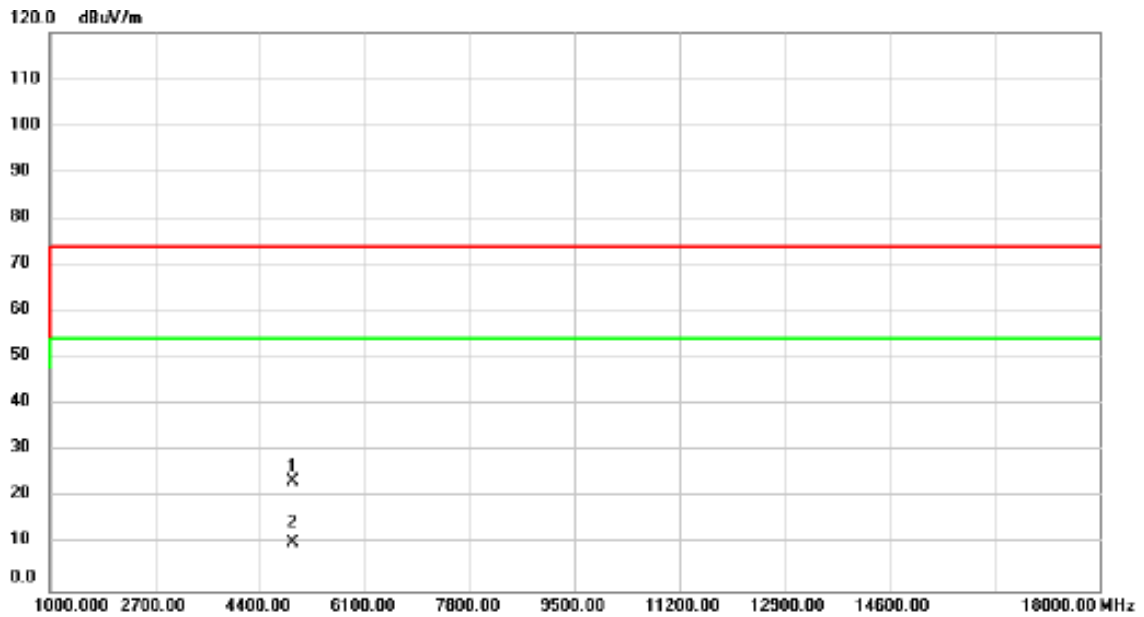


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4924.000	32.06	-8.33	23.73	74.00	-50.27			peak
2	*	4924.000	19.19	-8.33	10.86	54.00	-43.14			AVG

REMARKS:

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

Test Mode	IEEE 802.11be (EHT20)	Test Date	2024/10/29
Test Frequency	2462MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

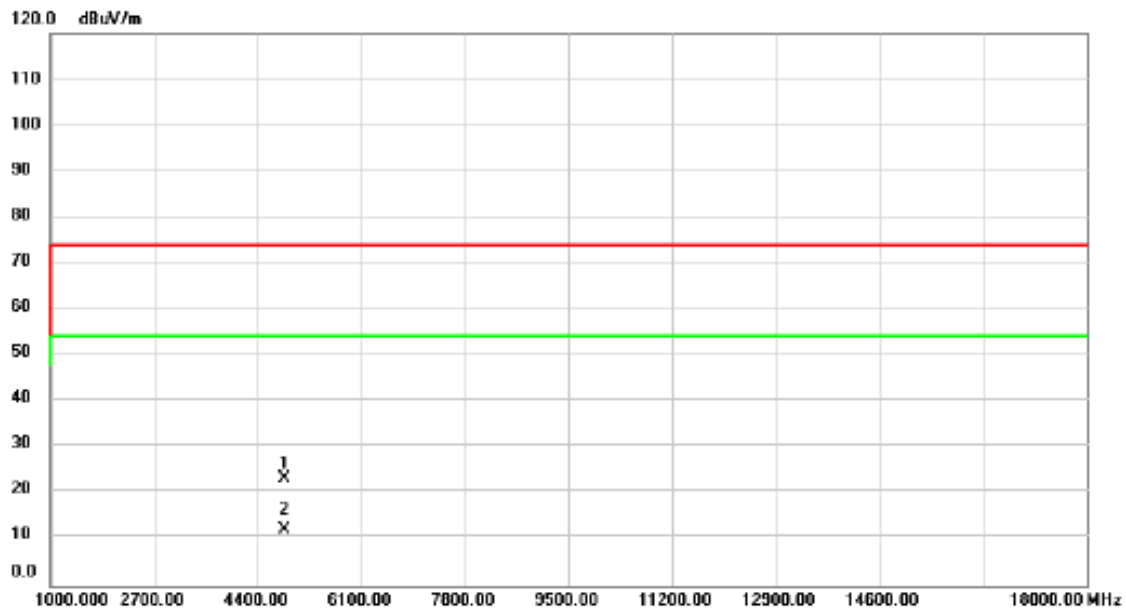


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4924.000	31.88	-8.33	23.55	74.00	-50.45	peak		
2	*	4924.000	18.79	-8.33	10.46	54.00	-43.54	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

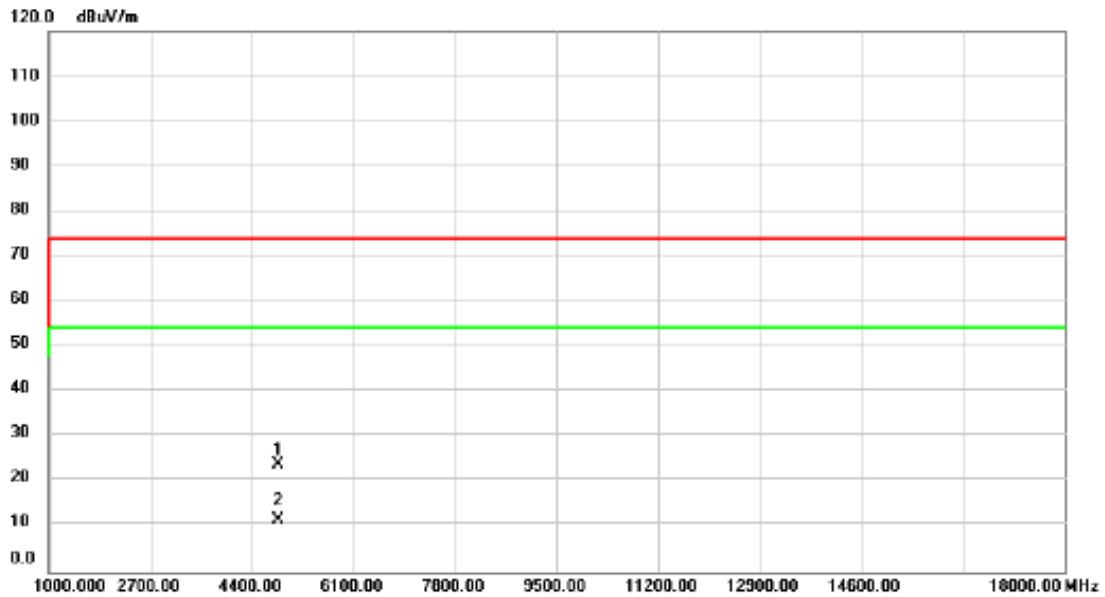


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4844.000	31.86	-8.52	23.34	74.00	-50.66			peak
2	*	4844.000	20.66	-8.52	12.14	54.00	-41.86			AVG

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2422MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

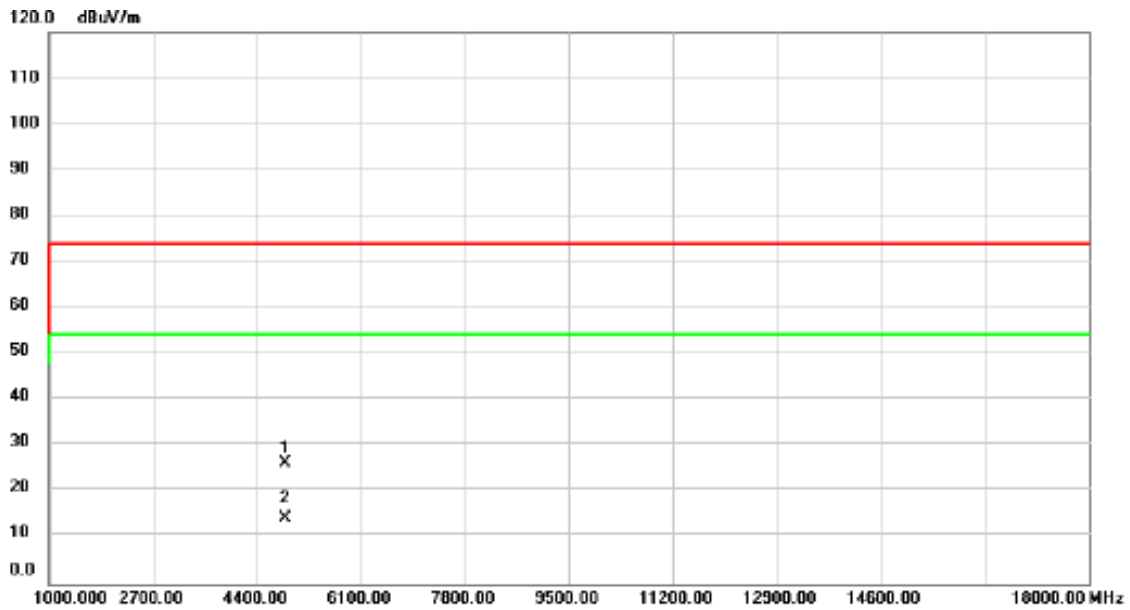


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4844.000	32.28	-8.52	23.76	74.00	-50.24	peak		
2	*	4844.000	20.15	-8.52	11.63	54.00	-42.37	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

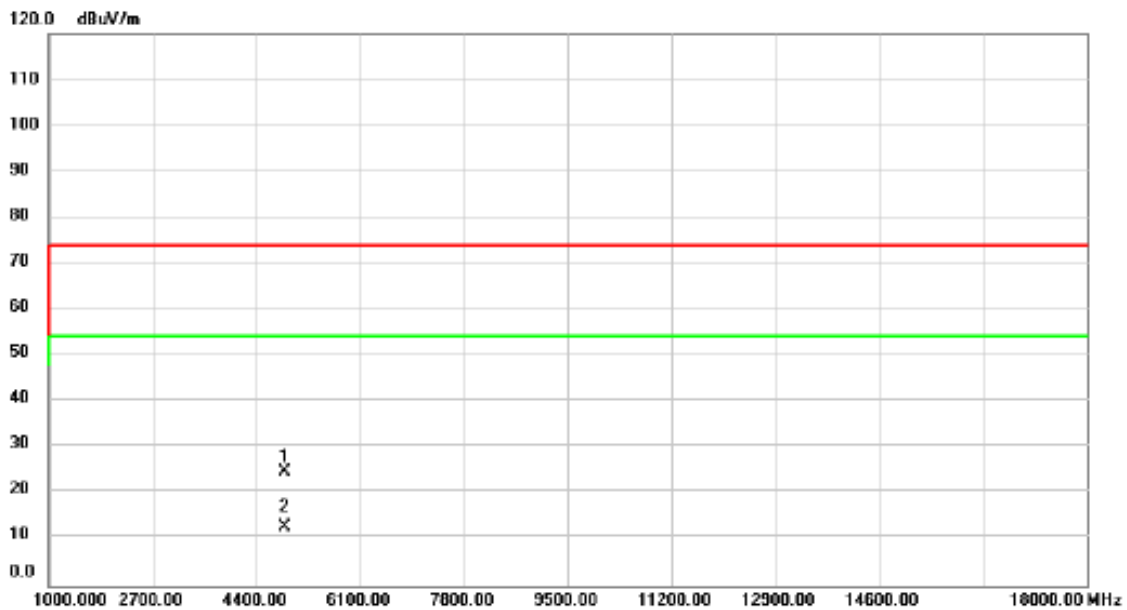


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		4874.000	34.74	-8.44	26.30	74.00	-47.70			peak
2	*	4874.000	22.65	-8.44	14.21	54.00	-39.79			AVG

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

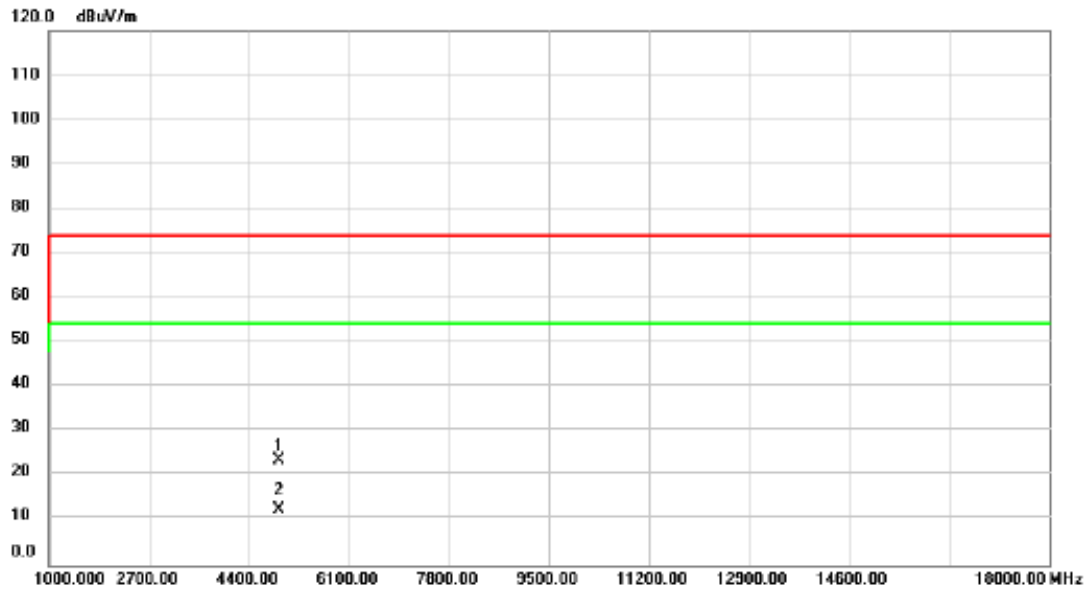


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4874.000	33.33	-8.44	24.89	74.00	-49.11	peak		
2	*	4874.000	21.32	-8.44	12.88	54.00	-41.12	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

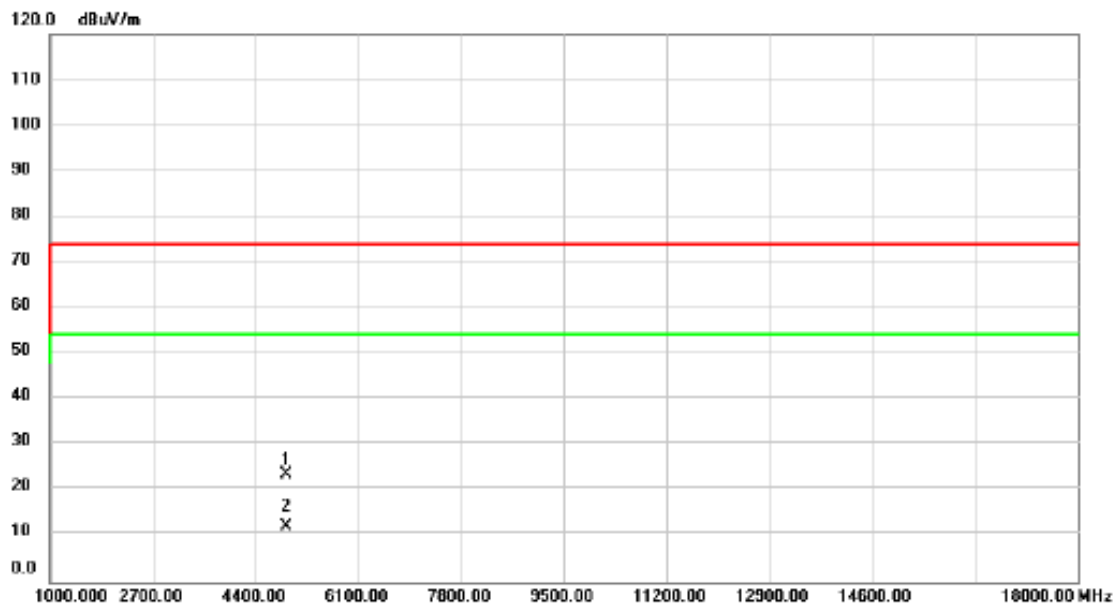


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4904.000	31.84	-8.36	23.48	74.00	-50.52	peak		
2	*	4904.000	20.67	-8.36	12.31	54.00	-41.69	AVG		

REMARKS:

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

Test Mode	IEEE 802.11be (EHT40)	Test Date	2024/10/29
Test Frequency	2452MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%

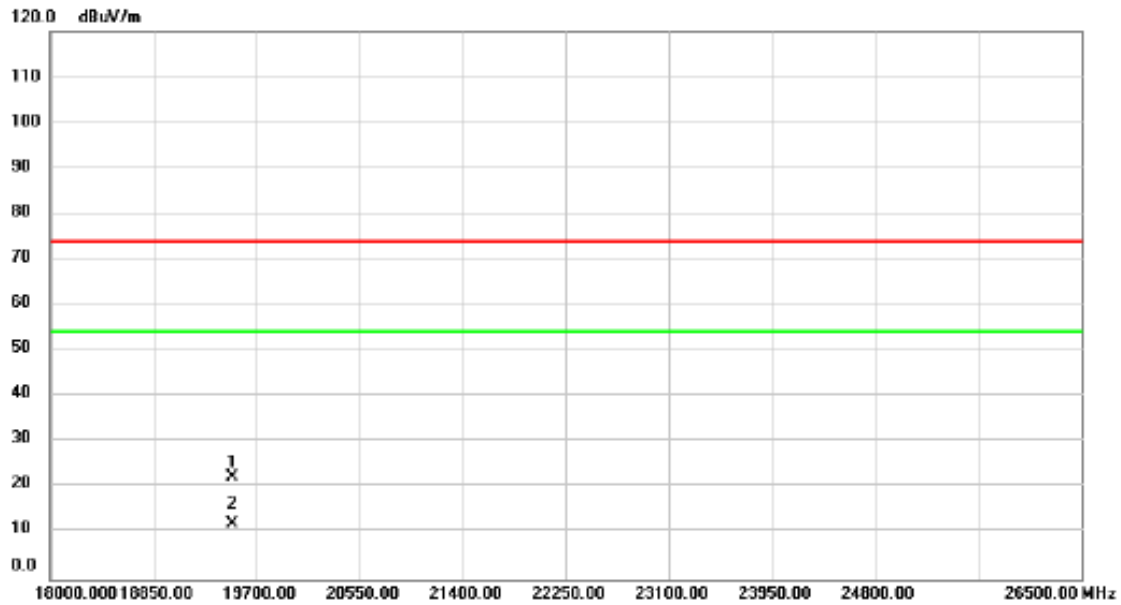


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		4904.000	31.88	-8.36	23.52	74.00	-50.48	peak		
2	*	4904.000	20.44	-8.36	12.08	54.00	-41.92	AVG		

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

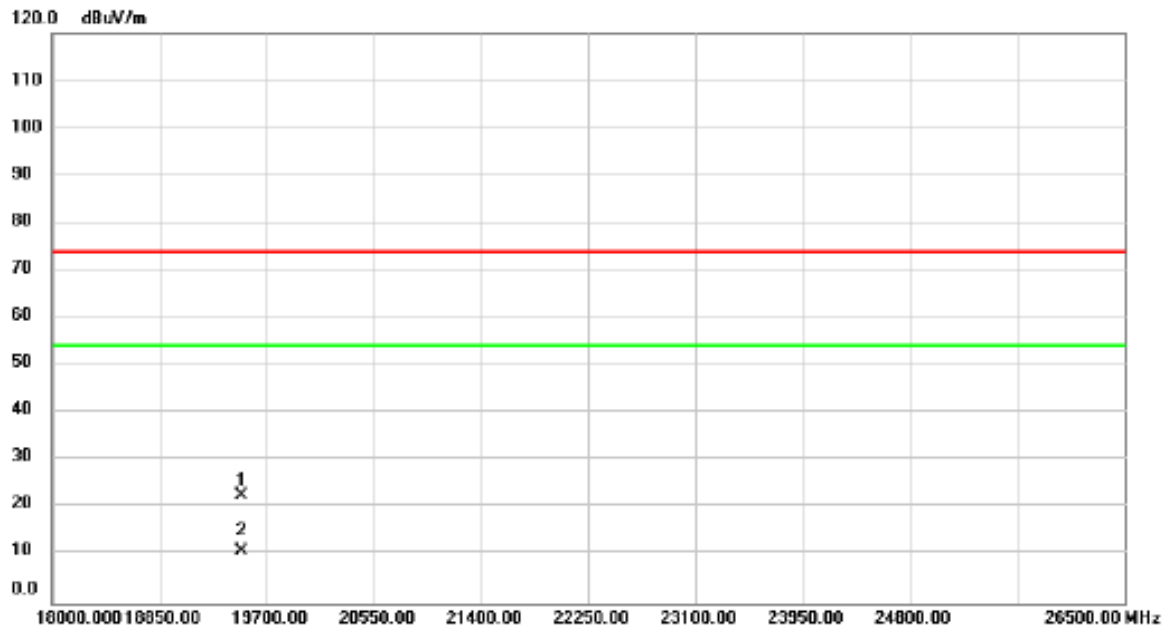


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		19496.00	32.47	-10.23	22.24	74.00	-51.76			peak
2	*	19496.00	22.31	-10.23	12.08	54.00	-41.92			AVG

REMARKS:

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

Test Mode	IEEE 802.11n(HT40)	Test Date	2024/10/29
Test Frequency	2437MHz	Polarization	Horizontal
Temp	25°C	Hum.	65%



No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	19496.00	32.92	-10.23	22.69	74.00	-51.31	peak			
2 *	19496.00	21.32	-10.23	11.09	54.00	-42.91	AVG			

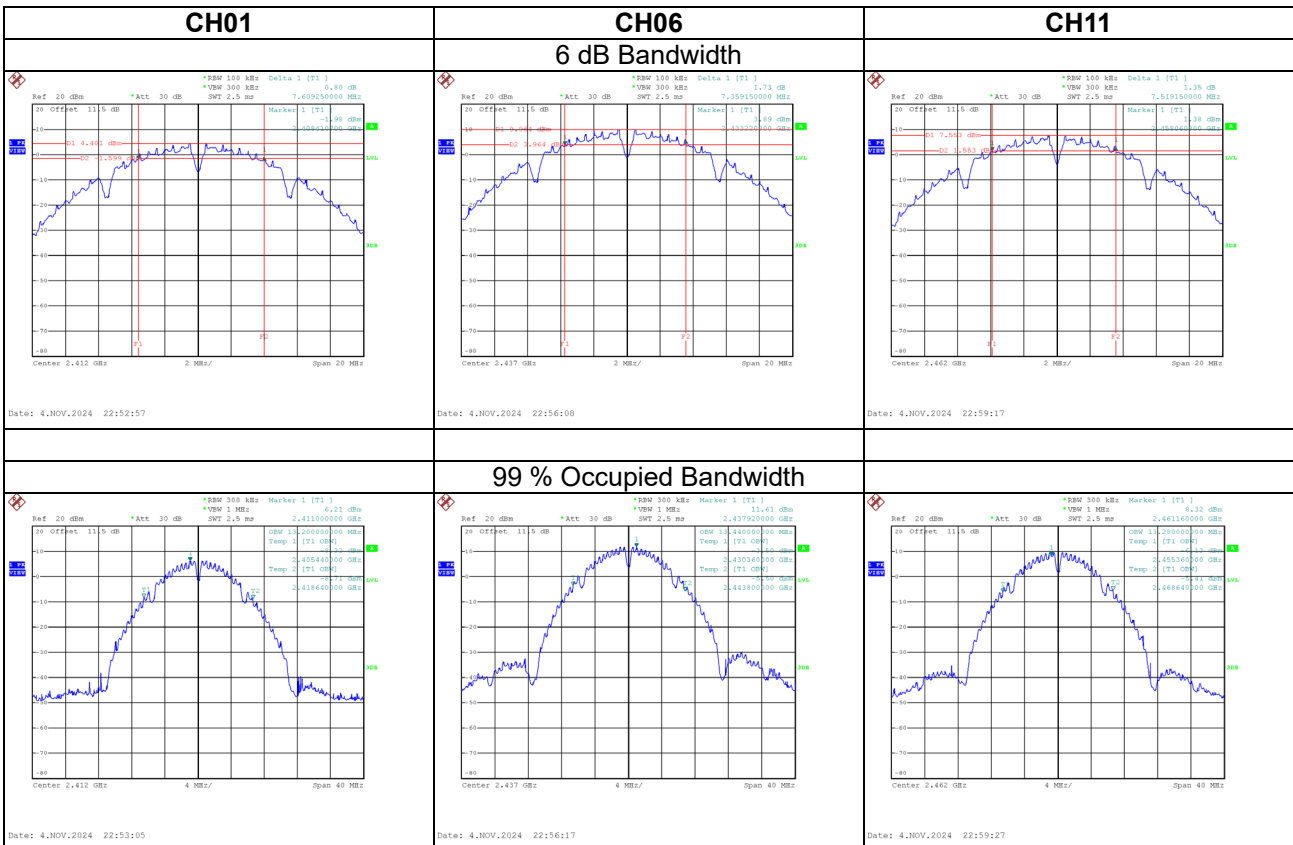
REMARKS:

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

APPENDIX D BANDWIDTH

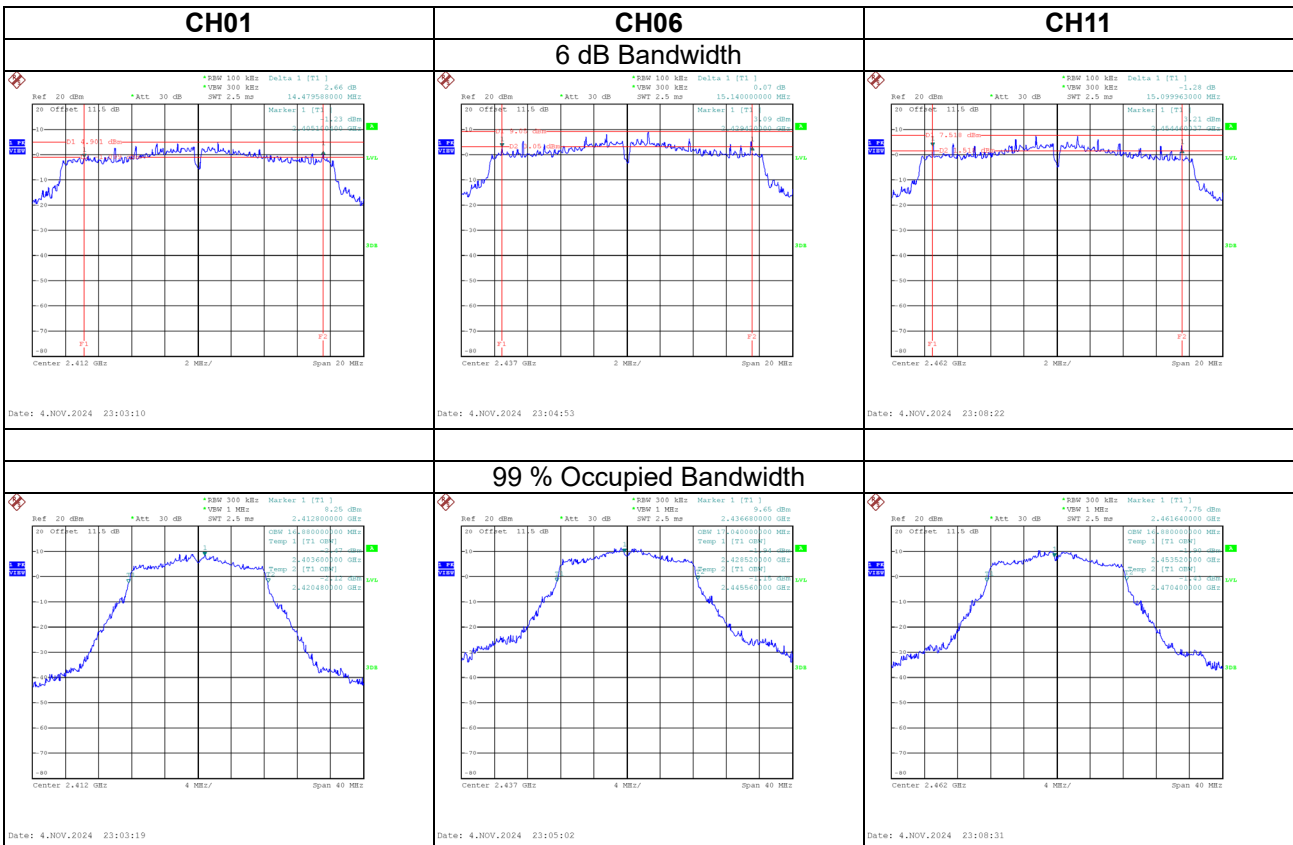
Test Mode	IEEE 802.11b
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	7.609	13.200	≥ 500	Pass
2437	7.359	13.440	≥ 500	Pass
2462	7.519	13.280	≥ 500	Pass



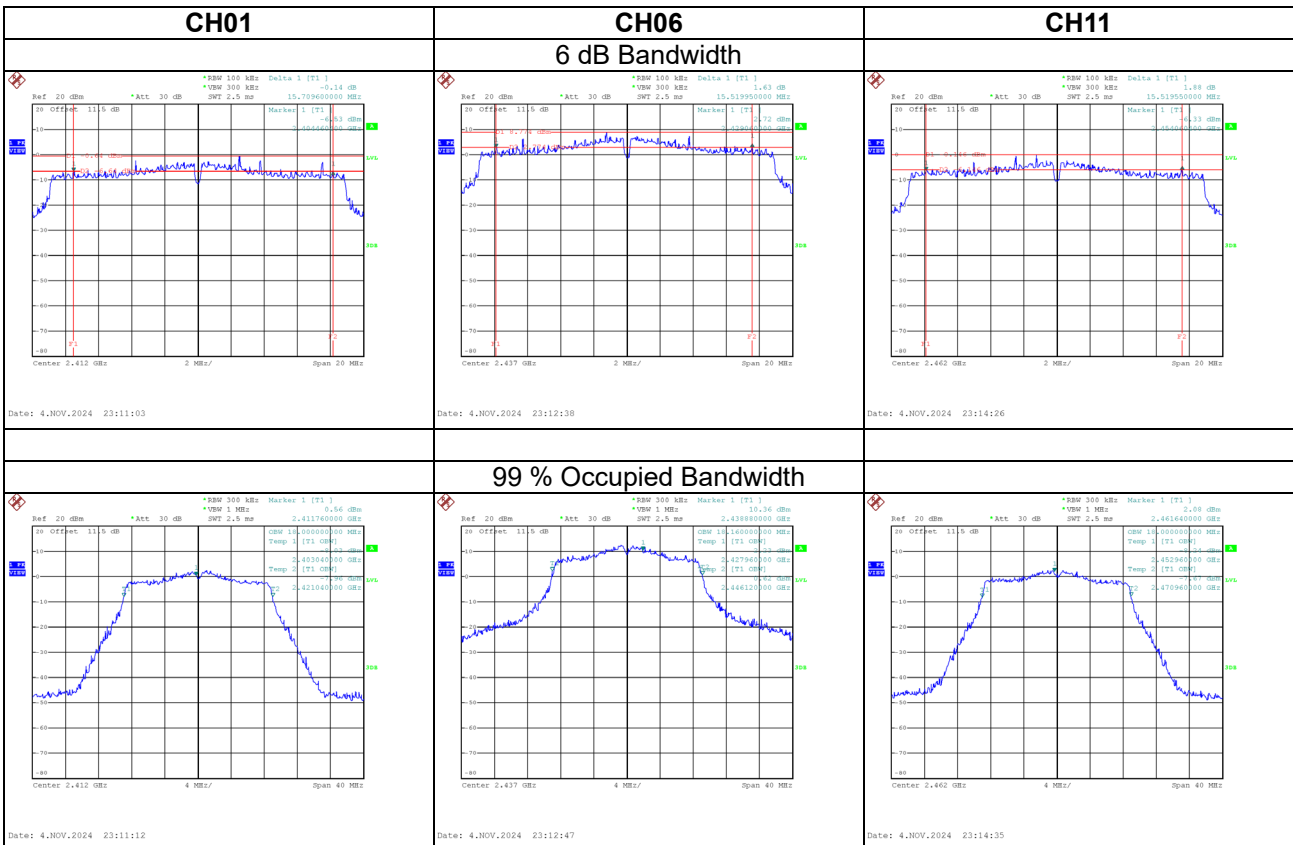
Test Mode	IEEE 802.11g
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	14.480	16.880	≥ 500	Pass
2437	15.140	17.040	≥ 500	Pass
2462	15.100	16.880	≥ 500	Pass



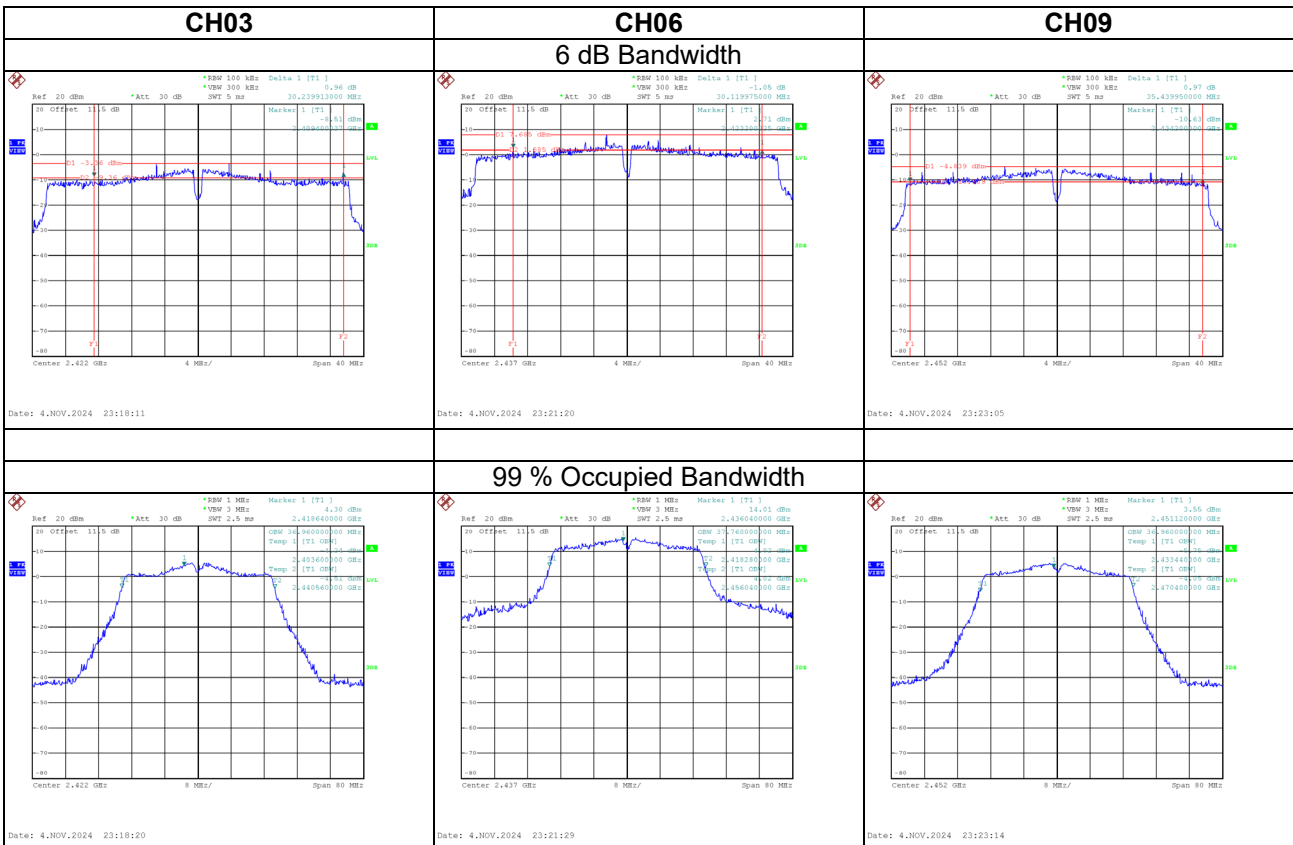
Test Mode	IEEE 802.11n (HT20)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	15.710	18.000	≥ 500	Pass
2437	15.520	18.160	≥ 500	Pass
2462	15.520	18.000	≥ 500	Pass



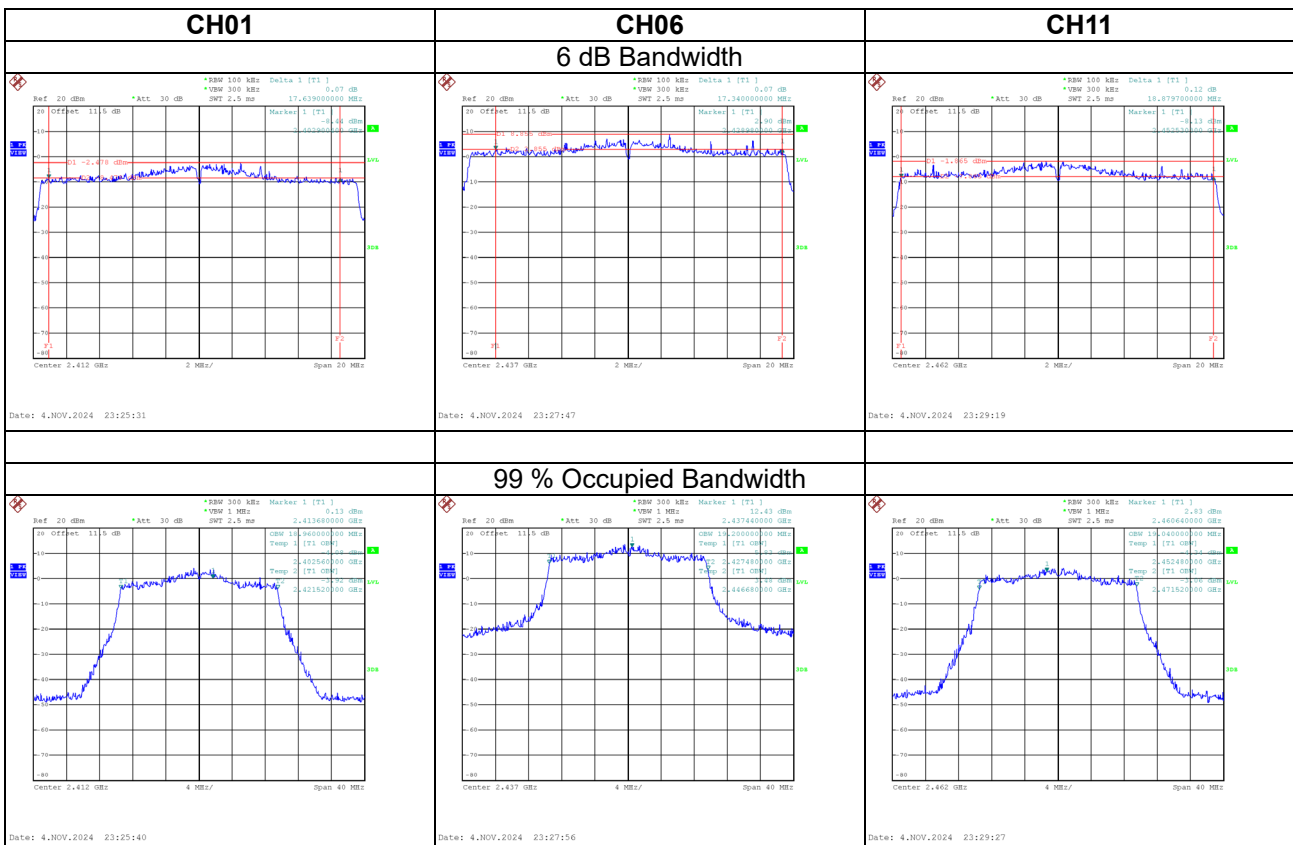
Test Mode	IEEE 802.11n (HT40)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	30.240	36.960	≥ 500	Pass
2437	30.120	37.760	≥ 500	Pass
2452	35.440	36.960	≥ 500	Pass



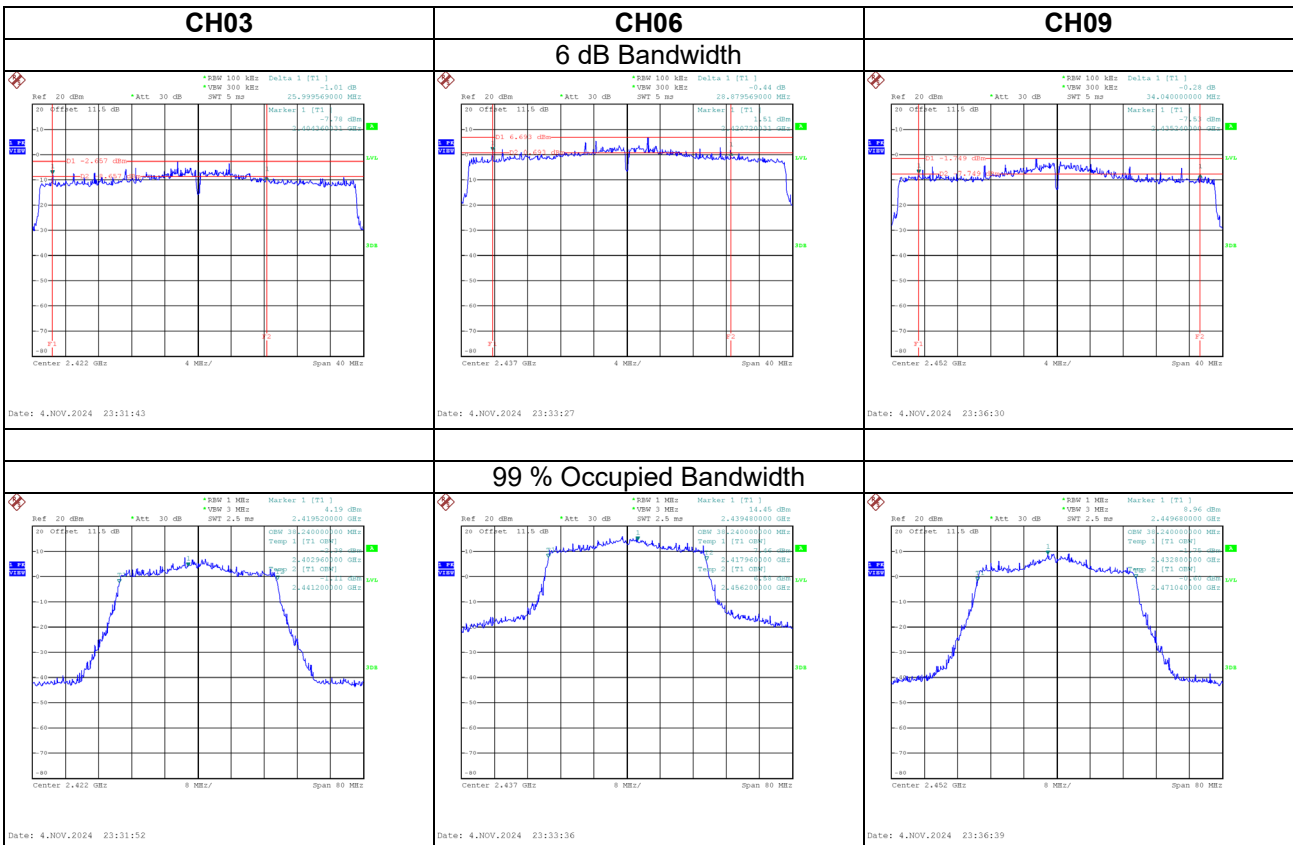
Test Mode	IEEE 802.11ax (HE20)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.639	18.960	≥ 500	Pass
2437	17.340	19.200	≥ 500	Pass
2462	18.880	19.040	≥ 500	Pass



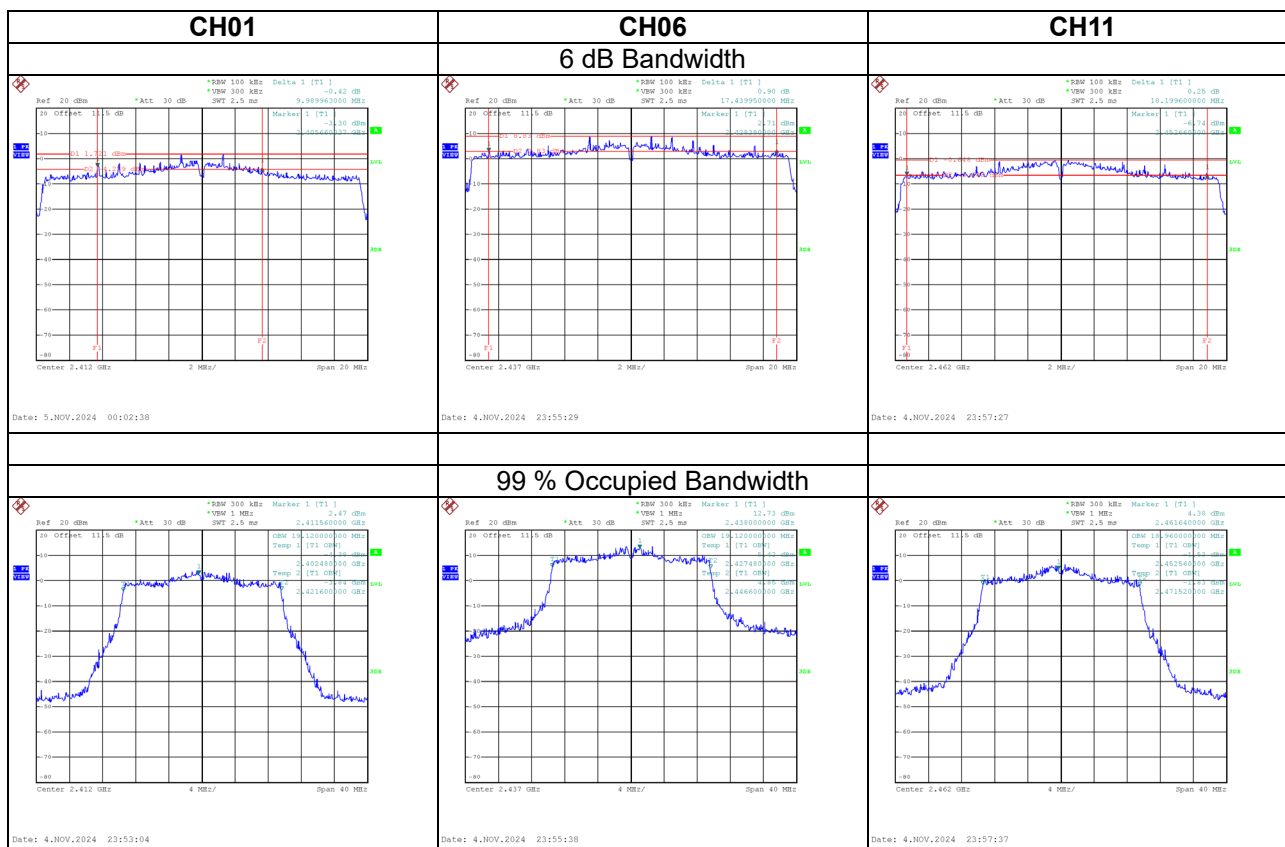
Test Mode	IEEE 802.11ax (HE40)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	26.000	38.240	≥ 500	Pass
2437	28.880	38.240	≥ 500	Pass
2452	34.040	38.240	≥ 500	Pass



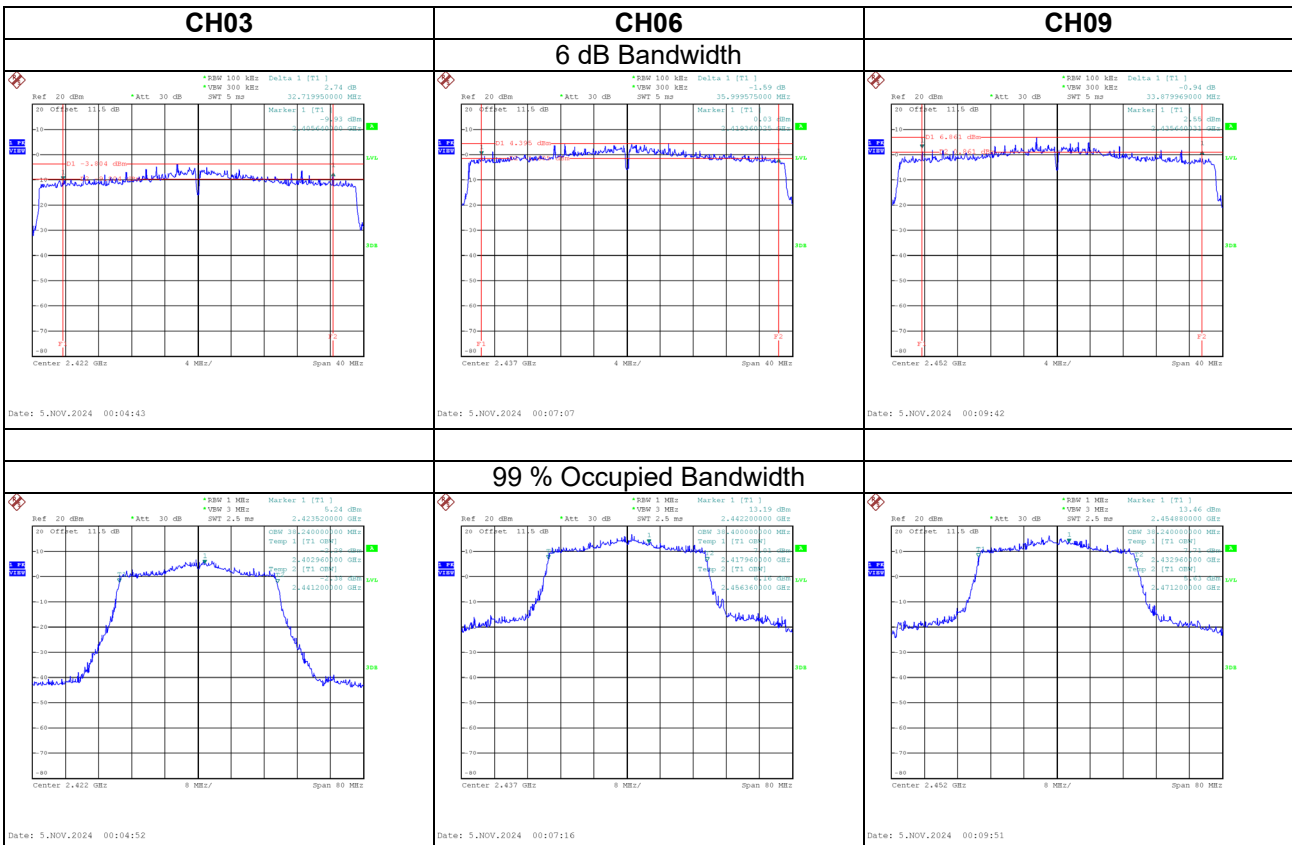
Test Mode	IEEE 802.11be (EHT20)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2412	17.639	18.960	≥ 500	Pass
2437	17.340	19.200	≥ 500	Pass
2462	18.880	19.040	≥ 500	Pass



Test Mode	IEEE 802.11be (EHT40)
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Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
2422	26.000	38.240	≥ 500	Pass
2437	28.880	38.240	≥ 500	Pass
2452	34.040	38.240	≥ 500	Pass



APPENDIX E OUTPUT POWER

Test Mode	IEEE 802.11b_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.07	0.00	21.07	30.00	1.0000	Pass
06	2437	26.04	0.00	26.04	30.00	1.0000	Pass
11	2462	23.66	0.00	23.66	30.00	1.0000	Pass

Test Mode	IEEE 802.11b_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	21.18	0.00	21.18	30.00	1.0000	Pass
06	2437	25.64	0.00	25.64	30.00	1.0000	Pass
11	2462	23.53	0.00	23.53	30.00	1.0000	Pass

Test Mode	IEEE 802.11b_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	24.14	30.00	1.0000	Pass
06	2437	28.85	30.00	1.0000	Pass
11	2462	26.61	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.46	0.00	22.46	30.00	1.0000	Pass
06	2437	24.66	0.00	24.66	30.00	1.0000	Pass
11	2462	23.28	0.00	23.28	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	22.97	0.00	22.97	30.00	1.0000	Pass
06	2437	24.54	0.00	24.54	30.00	1.0000	Pass
11	2462	23.16	0.00	23.16	30.00	1.0000	Pass

Test Mode	IEEE 802.11g_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	25.73	30.00	1.0000	Pass
06	2437	27.61	30.00	1.0000	Pass
11	2462	26.23	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT20)_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.74	0.00	16.74	30.00	1.0000	Pass
06	2437	25.63	0.00	25.63	30.00	1.0000	Pass
11	2462	16.49	0.00	16.49	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT20)_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	17.16	0.00	17.16	30.00	1.0000	Pass
06	2437	25.68	0.00	25.68	30.00	1.0000	Pass
11	2462	16.50	0.00	16.50	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT20)_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.97	30.00	1.0000	Pass
06	2437	28.67	30.00	1.0000	Pass
11	2462	19.51	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT40)_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.28	0.00	16.28	30.00	1.0000	Pass
06	2437	26.25	0.00	26.25	30.00	1.0000	Pass
09	2452	16.21	0.00	16.21	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT40)_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.66	0.00	16.66	30.00	1.0000	Pass
06	2437	25.80	0.00	25.80	30.00	1.0000	Pass
09	2452	15.87	0.00	15.87	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT40)_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.48	30.00	1.0000	Pass
06	2437	29.04	30.00	1.0000	Pass
09	2452	19.05	30.00	1.0000	Pass

Test Mode	IEEE 802.11n(HT20)_Ant. 1
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.83	0.00	15.83	30.00	1.0000	Pass
06	2437	25.59	0.00	25.59	30.00	1.0000	Pass
11	2462	17.59	0.00	17.59	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax(HE20)_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	15.91	0.00	15.91	30.00	1.0000	Pass
06	2437	24.97	0.00	24.97	30.00	1.0000	Pass
11	2462	17.16	0.00	17.16	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax(HE20)_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	18.88	30.00	1.0000	Pass
06	2437	28.30	30.00	1.0000	Pass
11	2462	20.39	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax(HE40)_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.25	0.00	16.25	30.00	1.0000	Pass
06	2437	25.29	0.00	25.29	30.00	1.0000	Pass
09	2452	17.16	0.00	17.16	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax(HE40)_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.55	0.00	16.55	30.00	1.0000	Pass
06	2437	25.01	0.00	25.01	30.00	1.0000	Pass
09	2452	16.92	0.00	16.92	30.00	1.0000	Pass

Test Mode	IEEE 802.11ax(HE40)_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.41	30.00	1.0000	Pass
06	2437	28.16	30.00	1.0000	Pass
09	2452	20.05	30.00	1.0000	Pass

Test Mode	IEEE 802.11be (EHT20)_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.77	0.00	16.77	30.00	1.0000	Pass
06	2437	25.57	0.00	25.57	30.00	1.0000	Pass
11	2462	17.51	0.00	17.51	30.00	1.0000	Pass

Test Mode	IEEE 802.11be (EHT20)_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	16.90	0.00	16.90	30.00	1.0000	Pass
06	2437	25.62	0.00	25.62	30.00	1.0000	Pass
11	2462	17.25	0.00	17.25	30.00	1.0000	Pass

Test Mode	IEEE 802.11be (EHT20)_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
01	2412	19.85	30.00	1.0000	Pass
06	2437	28.61	30.00	1.0000	Pass
11	2462	20.39	30.00	1.0000	Pass

Test Mode	IEEE 802.11be (EHT40)_Ant. 1	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.14	0.00	16.14	30.00	1.0000	Pass
06	2437	25.14	0.00	25.14	30.00	1.0000	Pass
09	2452	17.41	0.00	17.41	30.00	1.0000	Pass

Test Mode	IEEE 802.11be (EHT40)_Ant. 2	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Duty Factor	Output Power + Duty Factor (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	16.56	0.00	16.56	30.00	1.0000	Pass
06	2437	25.25	0.00	25.25	30.00	1.0000	Pass
09	2452	17.81	0.00	17.81	30.00	1.0000	Pass

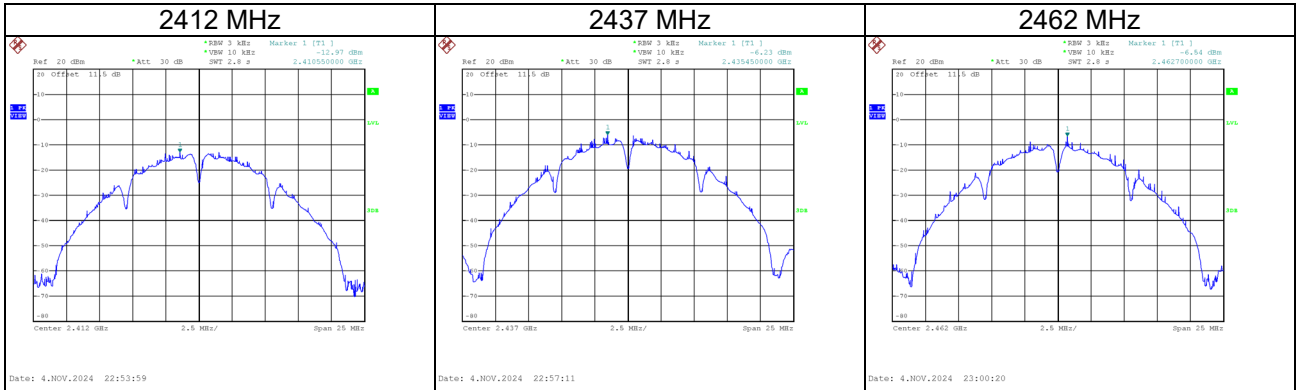
Test Mode	IEEE 802.11be (EHT40)_Total	Test Date	2024/11/13
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Channel	Frequency (MHz)	Output Power (dBm)	Max. Limit (dBm)	Max. Limit (W)	Result
03	2422	19.37	30.00	1.0000	Pass
06	2437	28.21	30.00	1.0000	Pass
09	2452	20.62	30.00	1.0000	Pass

APPENDIX F POWER SPECTRAL DENSITY

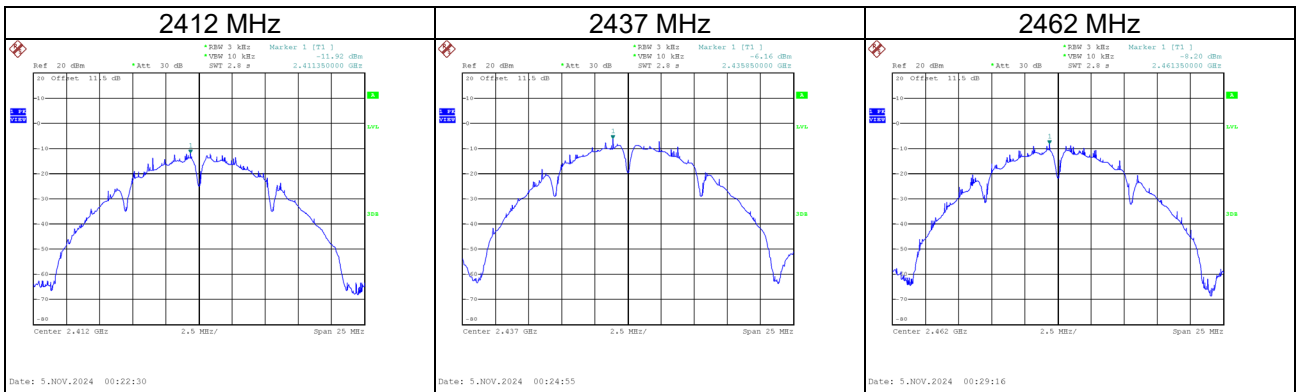
Test Mode	IEEE 802.11b_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-12.97	8.00	Pass
06	2437	-6.23	8.00	Pass
11	2462	-6.54	8.00	Pass



Test Mode	IEEE 802.11b_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-11.92	8.00	Pass
06	2437	-6.16	8.00	Pass
11	2462	-8.20	8.00	Pass

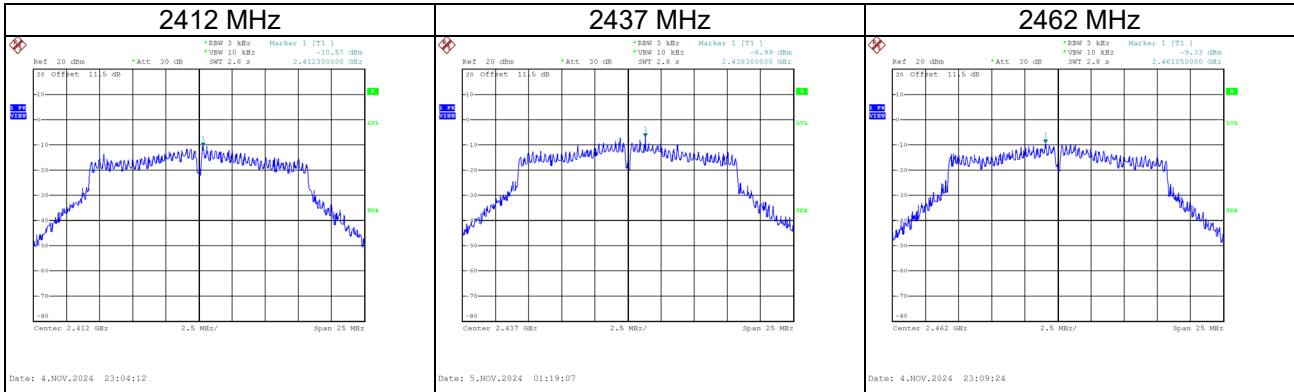


Test Mode	IEEE 802.11b_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.40	5.09	Pass
06	2437	-3.18	5.09	Pass
11	2462	-4.28	5.09	Pass

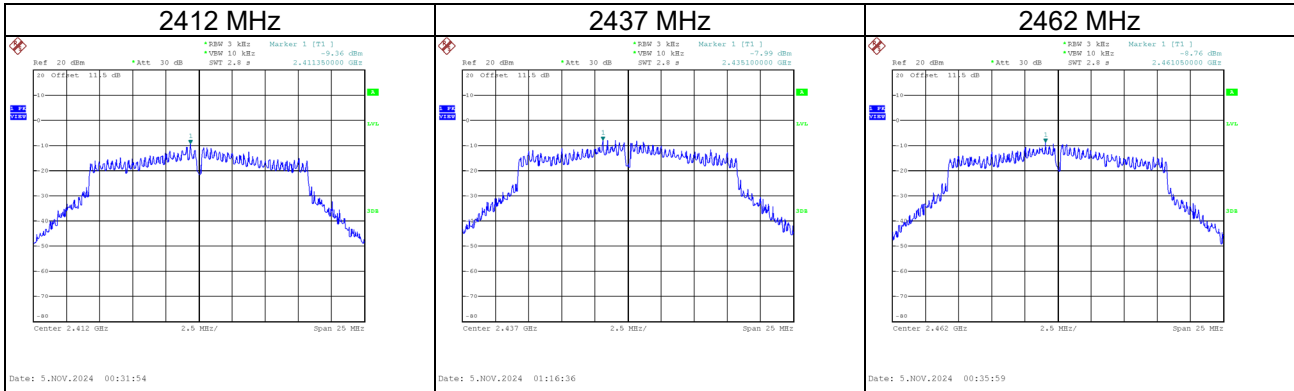
Test Mode	IEEE 802.11g_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-10.57	8.00	Pass
06	2437	-6.99	8.00	Pass
11	2462	-9.33	8.00	Pass



Test Mode	IEEE 802.11g_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-9.36	8.00	Pass
06	2437	-7.99	8.00	Pass
11	2462	-8.76	8.00	Pass

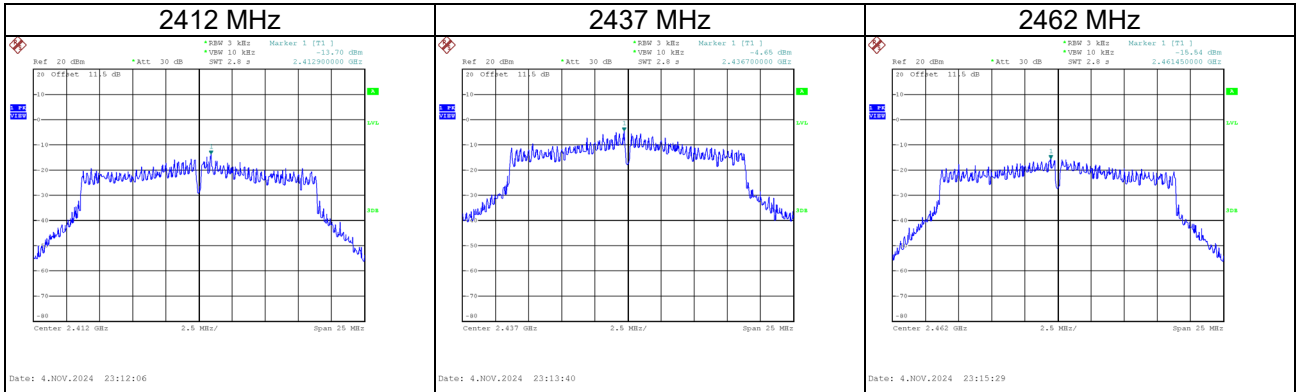


Test Mode	IEEE 802.11g_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-6.91	5.09	Pass
06	2437	-4.45	5.09	Pass
11	2462	-6.03	5.09	Pass

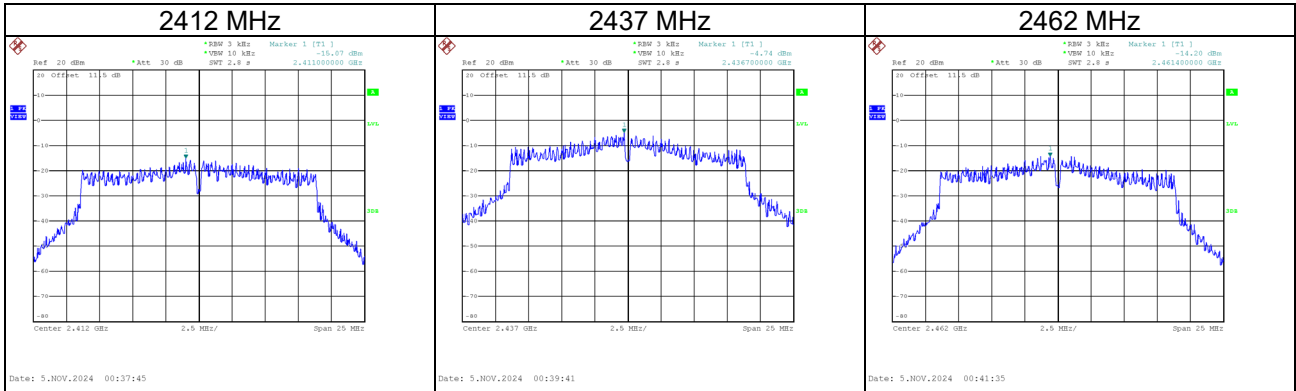
Test Mode	IEEE 802.11n(HT20)_Ant. 1
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-13.70	8.00	Pass
06	2437	-4.65	8.00	Pass
11	2462	-15.54	8.00	Pass



Test Mode	IEEE 802.11n(HT20)_Ant. 2
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-15.07	8.00	Pass
06	2437	-4.74	8.00	Pass
11	2462	-14.20	8.00	Pass



Test Mode	IEEE 802.11n(HT20)_Total
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Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Max. Limit (dBm/3kHz)	Result
01	2412	-11.32	5.09	Pass
06	2437	-1.68	5.09	Pass
11	2462	-11.81	5.09	Pass