

FCC Radio Test Report

FCC ID: 2BDWL2417248

Report No. : BTL-FCCP-1-2303E004B
Equipment : TELUS Doorbell Camera
Brand Name : TELUS
Test Model : DCF
Series Model : N/A
Applicant : TELUS Communications Inc.
Address : 7th Floor, 510 West Georgia Street, Vancouver, BC, V6B0M3 Canada

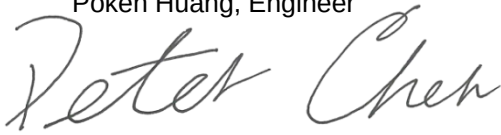
Radio Function : RLAN 5 GHz (U-NII 2A, U-NII 2C)

FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart E (15.407)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2024/9/12
Date of Test : 2024/9/13 ~ 2024/9/19
Issued Date : 2024/9/24

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

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Declaration

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

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

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

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2303E004B	R00	Compared with original report (eLab-FCCP-3-2303E004), added operation frequency bands: Band 2 & Band 3. So all the test items of the highest channels for Band 2 and the lowest channels and the highest channels for Band 3 are tested and recorded. Other test results please refer to original report.	2024/9/24	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 15.407(b)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	Pass	-----
15.407(a) 15.407(e)	Bandwidth	APPENDIX D	Pass	-----
15.407(a)	Maximum Output Power	APPENDIX E	Pass	-----
15.407(a)	Power Spectral Density	APPENDIX F	Pass	-----
15.407(g)	Frequency Stability	-----	PASS	NOTE (5)
15.203	Antenna Requirement	-----	Pass	NOTE (4)
15.407(c)	Automatically Discontinue Transmission	-----	Pass	NOTE (3)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The report format version is TP.1.1.1.
- (3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
- (4) The device what use replaceable antennas with non-standard interfaces are considered sufficient to comply with the provisions of 15.203.
- (5) The item is declared by the manufacturer.

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:

(FCC DN: TW0659)

No.64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan

☒ C01 ☒ CB20 ☒ TR01

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)
CB20 (3m)	0.03~0.2	4.01
	0.02~1	4.64
	1 ~ 6	5.91
	6 ~ 18	6.24
	18 ~ 26	3.93
	26 ~ 40	4.06

C. Conducted test:

Test Item	U
Occupied Bandwidth	0.86 %
Output power	0.40 dB
Power Spectral Density	0.86 dB
Conducted Spurious emissions	1.83 dB
Conducted Band edges	1.83 dB
Frequency Stability	166.77 Hz
DFS	2.11 %

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 120 V	Ken Lu
Radiated emissions below 1 GHz	25°C, 60%	AC 120 V	Ken Lu
Radiated emissions above 1 GHz	25°C, 65%	AC 120 V	Ken Lu
Bandwidth	25°C, 26%	AC 120 V	Cai Hu
Maximum Output Power	25°C, 26%	AC 120 V	Cai Hu
Power Spectral Density	25°C, 26%	AC 120 V	Cai Hu

1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

UNII-2A			
Test Software Version	IPOP V4.0		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	20	20	19
IEEE 802.11n(HT20)	20	20	20
IEEE 802.11ac(VHT20)	20	20	20
IEEE 802.11ax(HE20)	20	20	19
Frequency (MHz)	5270	5310	
IEEE 802.11n(HT40)	20	17	
IEEE 802.11ac(VHT40)	20	17	
IEEE 802.11ax(HE40)	20	17	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	16		
IEEE 802.11ax(HE80)	17		

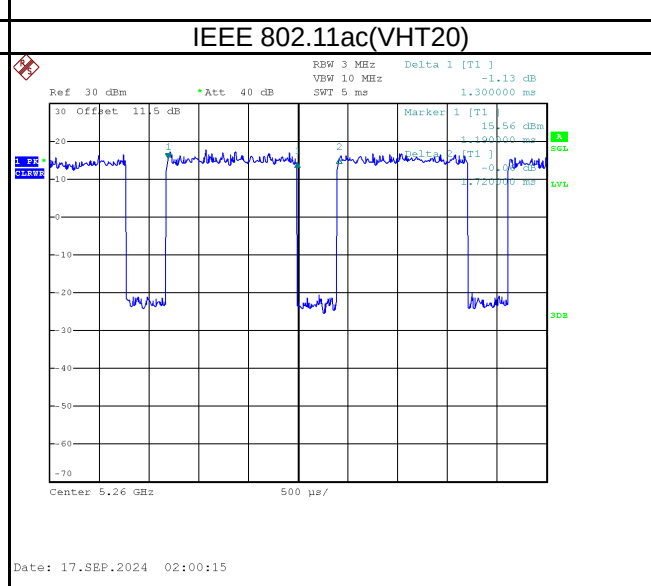
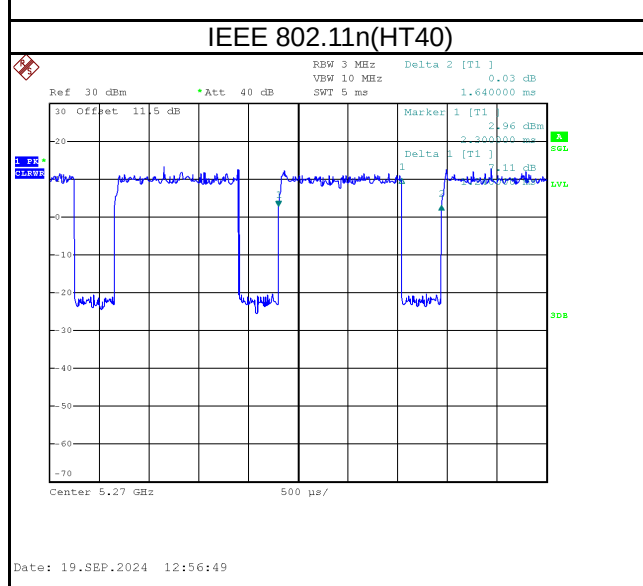
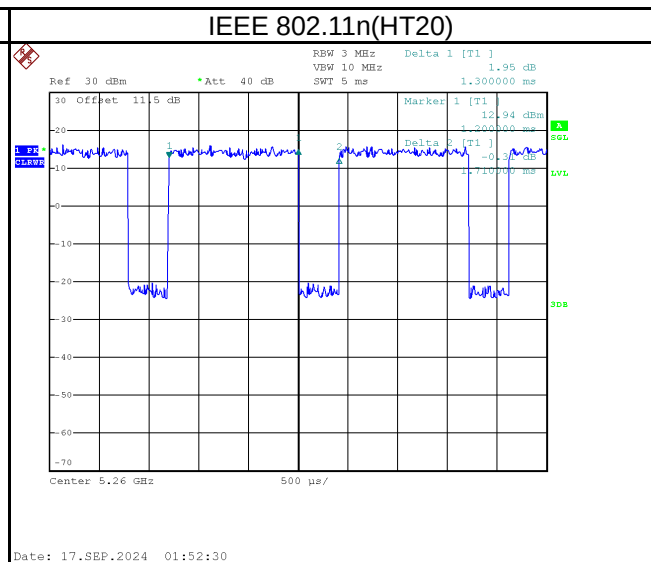
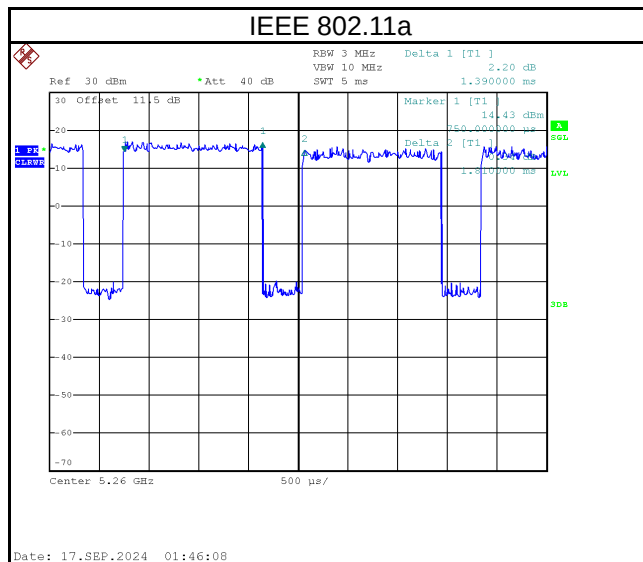
UNII-2C			
Test Software Version	IPOP V4.0		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	19	19	17
IEEE 802.11n(HT20)	18	19	17
IEEE 802.11ac(VHT20)	18	19	17
IEEE 802.11ax(HE20)	19	19	16
Frequency (MHz)	5510	5550	5670
IEEE 802.11n(HT40)	17	19	18
IEEE 802.11ac(VHT40)	17	19	18
IEEE 802.11ax(HE40)	17	19	17
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	17	17	
IEEE 802.11ax(HE80)	17	17	

1.5 DUTY CYCLE

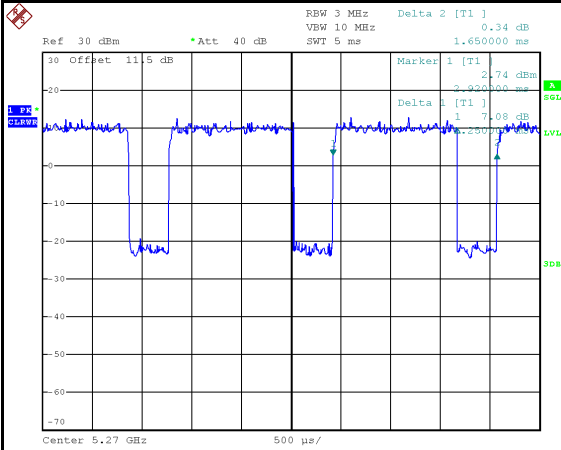
If duty cycle is $\geq 98\%$, duty factor is not required.

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 802.11a	1.390	1	1.390	1.810	76.80%	1.15
IEEE 802.11n (HT20)	1.300	1	1.300	1.710	76.02%	1.19
IEEE 802.11n (HT40)	1.240	1	1.240	1.640	75.61%	1.21
IEEE 802.11ac (VHT20)	1.300	1	1.300	1.720	75.58%	1.22
IEEE 802.11ac (VHT40)	1.250	1	1.250	1.650	75.76%	1.21
IEEE 802.11ac (VHT80)	1.140	1	1.140	1.550	73.55%	1.33
IEEE 802.11ax (HE20)	1.020	1	1.020	1.420	71.83%	1.44
IEEE 802.11ax (HE40)	1.010	1	1.010	1.410	71.63%	1.45
IEEE 802.11ax (HE80)	0.960	1	0.960	1.360	70.59%	1.51

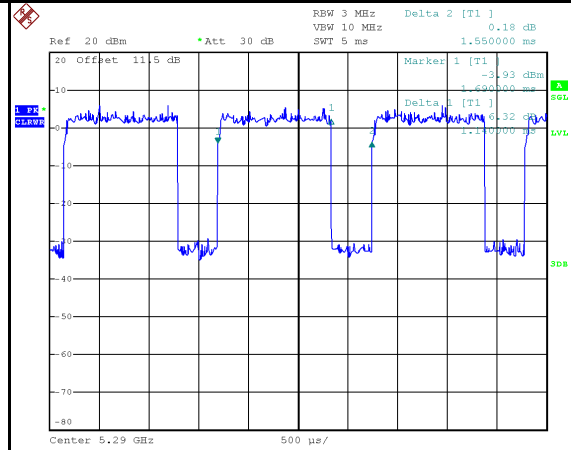


IEEE 802.11ac(VHT40)



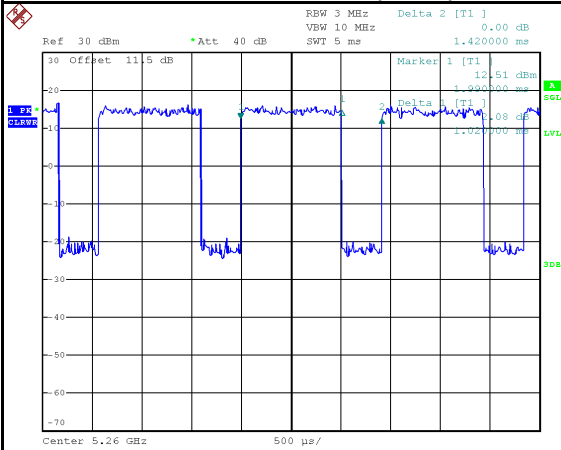
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IEEE 802.11ac(VHT80)



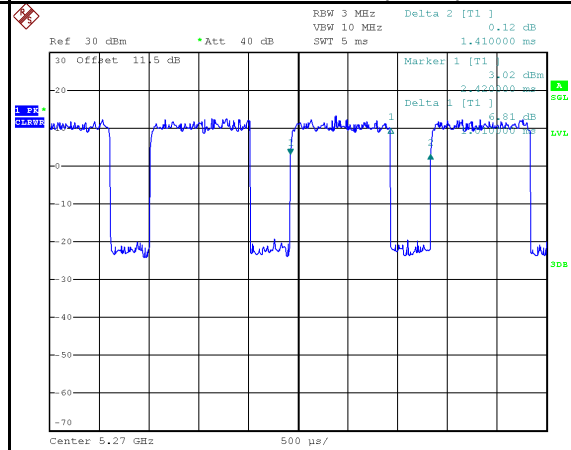
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IEEE 802.11ax (HE20)



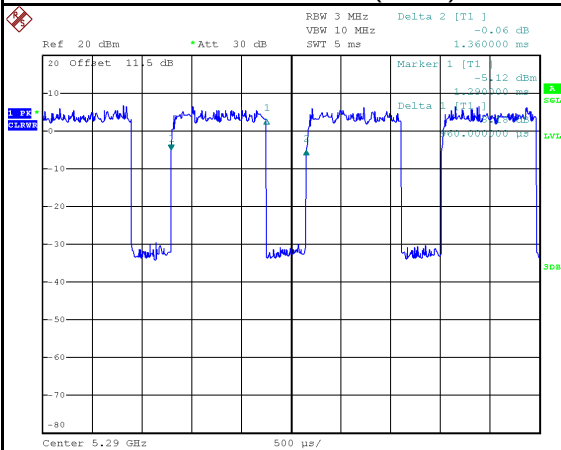
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IEEE 802.11ax (HE40)



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IEEE 802.11ax (HE80)



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2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	TELUS Doorbell Camera
Brand Name	TELUS
Test Model	DCF
Series Model	N/A
Model Difference(s)	N/A
Hardware Version	A
Software Version	FW_0.06.011
Power Source	AC Voltage supplied from AC/AC adapter. (support unit)
Power Rating	AC Voltage 10-24Vac, 10VA
Operation Band	UNII-2A: 5250 MHz to 5350 MHz UNII-2C: 5470 MHz to 5725 MHz
Operation Frequency	UNII-2A: 5250 MHz to 5320 MHz UNII-2C: 5500 MHz to 5700 MHz
Modulation Technology	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7 Mbps 802.11ax: up to 1201 Mbps
Output Power Max. for UNII-2A	IEEE 802.11ax(HE20): 19.97 dBm (0.0993 W)
Output Power Max. for UNII-2C	IEEE 802.11ax(HE20): 20.48 dBm (0.1117 W)

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:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

(3) Table for Filed Antenna:

Ant.	Brand Name	Model Name	Type	Connector	Gain (dBi)
1		N/A	Dipole	N/A	3.75
2		N/A	Dipole	N/A	3.89

Note:

- This EUT supports CDD, and all antenna gains are not equal, so the Directional Gain = maximum antenna gain is 3.89 dBi < 6 dBi, Thus, the limits of Output Power should not be reduced.
- For the power spectral density, the directional gain=3.89 + 3.01dBi = 6.90. So, The UNII-2A and UNII-2C power spectral density limit is 11-(6.90-6)=10.10.

(4) Ant.1 refers to Main Antenna, Ant.2 refers to Aux Antenna.

(5) 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.

(6) Operating Mode and Antenna Configuration

Operating Mode		2TX
TX Mode		
IEEE 802.11a		V (Ant. 1+Ant. 2)
IEEE 802.11n (HT20)		V (Ant. 1+Ant. 2)
IEEE 802.11n (HT40)		V (Ant. 1+Ant. 2)
IEEE 802.11ac (VHT20)		V (Ant. 1+Ant. 2)
IEEE 802.11ac (VHT40)		V (Ant. 1+Ant. 2)
IEEE 802.11ac (VHT80)		V (Ant. 1+Ant. 2)
IEEE 802.11ax (HE20)		V (Ant. 1+Ant. 2)
IEEE 802.11ax (HE40)		V (Ant. 1+Ant. 2)
IEEE 802.11ax (HE80)		V (Ant. 1+Ant. 2)

2.2 TEST MODES

Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11ax (HE20)	100	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_ IEEE 802.11a	52/64, 100/140	Bandedge
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)		
	TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	54/62, 102/134	
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	58, 106, 122	
	TX Mode_ IEEE 802.11a	52/60/64, 100/116/140	Harmonic
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)	52/60/64, 100/116/140	
	TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	54/62, 102/110/134	
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	58, 106/122	
	TX Mode_ IEEE 802.11a	52/60/64, 100/116/140	
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)	52/60/64, 100/116/140	
Bandwidth	TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	54/62, 102/110/134	-
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	58, 106/122	
	TX Mode_ IEEE 802.11a	52/60/64, 100/116/140	
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)	52/60/64, 100/116/140	
Power Spectral Density	TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	54/62, 102/110/134	-
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	58, 106/122	
	TX Mode_ IEEE 802.11a	52/60/64, 100/116/140	
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)	52/60/64, 100/116/140	
Output Power	TX Mode_ IEEE 802.11a	52/60/64, 100/116/140	-
	TX Mode_ IEEE 802.11n (HT20) TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)	52/60/64, 100/116/140	-
	TX Mode_ IEEE 802.11n (HT40) TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	54/62, 102/110/134	-
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	58, 106/122	-
	TX Mode_ IEEE 802.11a	52/60/64, 100/116/140	-

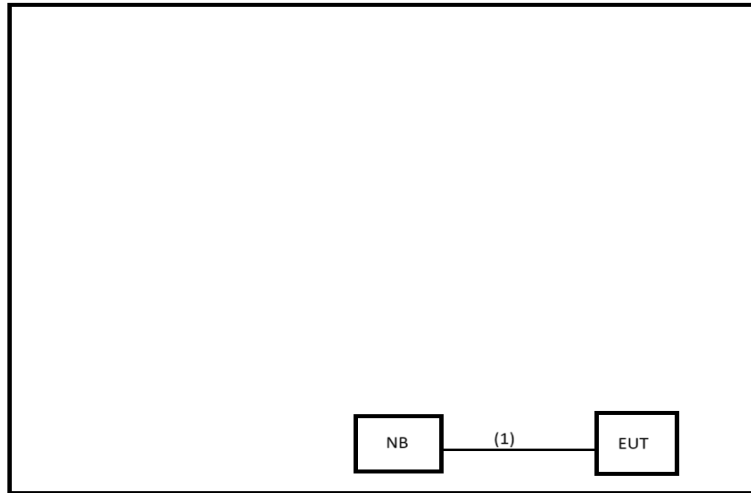
NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report
- (3) For radiated emission below 1 GHz test, the IEEE 802.11ax (HE20) Mode Channel 100 is found to be the worst case and recorded.
- (4) For radiated emission Harmonic 18-40GHz test, only tested the worst case and recorded.
- (5) The measurements for Output Power & Power Spectral Density are tested, the worst case are IEEE 802.11a mode, IEEE 802.11ac (VHT20) mode, IEEE 802.11ac (VHT40) mode, IEEE 802.11ac (VHT80) mode, IEEE 802.11ax (HE20) mode, IEEE 802.11ax (HE40) mode and IEEE 802.11ax (HE80) mode, only the worst cases are documented for other test items.

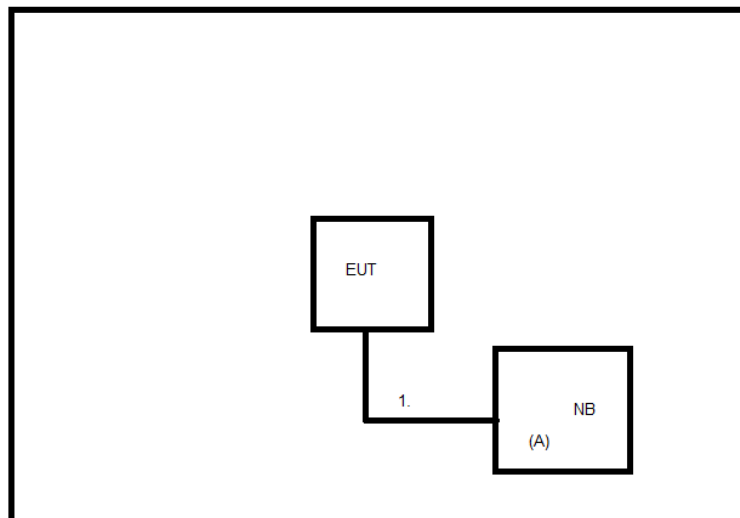
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	Type-C Cable	Y	N	1m	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.

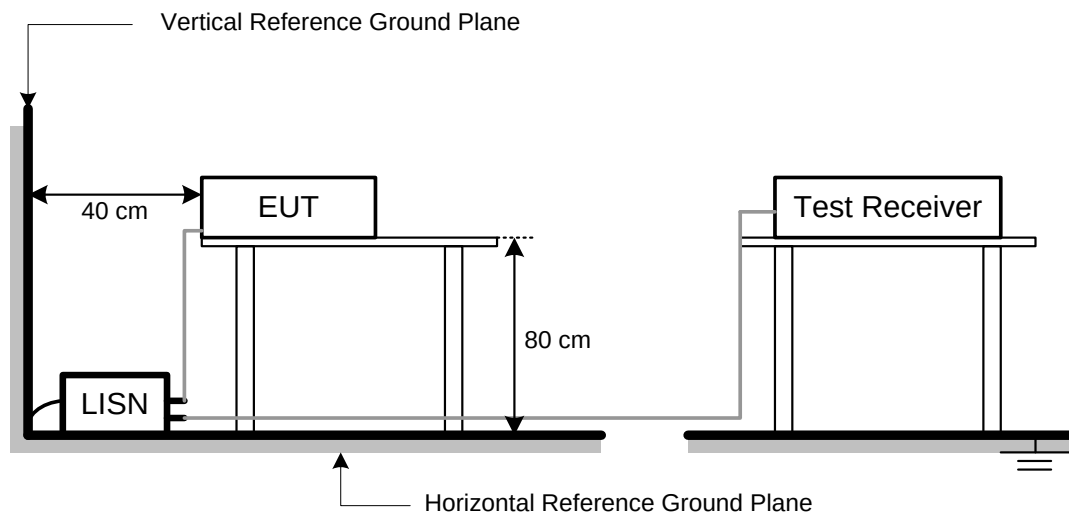
NOTE:

- (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 UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
5250-5350	-27	68.3
5470-5725	-27	68.3
5725-5850	-27 (NOTE 2)	68.3
	10 (NOTE 2)	105.3
	15.6 (NOTE 2)	110.9
	27 (NOTE 2)	122.3

NOTE:

- (1) The following formula is used to convert the equipment isotropic radiated power (eirp) to field strength:

$$E = \frac{1000000\sqrt{30P}}{3} \mu\text{V/m, where P is the eirp (Watts)}$$

- (2) According to FCC 16-24, All emissions shall be limited to a level of -27 dBm/MHz at 75 MHz or more above or below the band edge increasing linearly to 10 dBm/MHz at 25 MHz above or below the band edge, and from 25 MHz above or below the band edge increasing linearly to a level of 15.6 dBm/MHz at 5 MHz above or below the band edge, and from 5 MHz above or below the band edge increasing linearly to a level of 27 dBm/MHz at the band edge.

- (3) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

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

Margin Level = Measurement Value - Limit Value

Calculation example:

Reading Level (dBμV)		Correct Factor (dB/m)		Measurement Value (dBμV/m)
36.23	+	-11.97	=	24.26

Measurement Value (dBμV/m)		Limit Value (dBμV/m)		Margin Level (dB)
24.26	-	40	=	-15.74

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

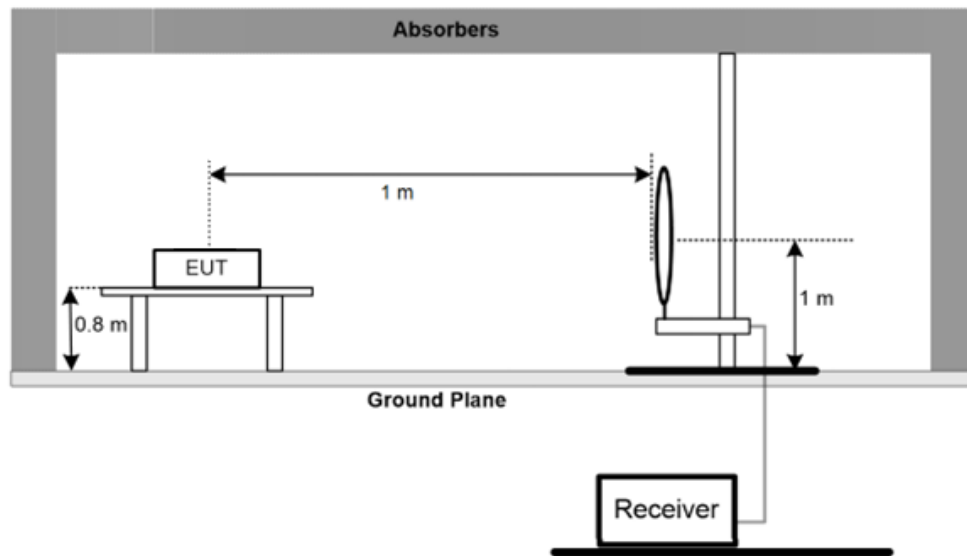
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

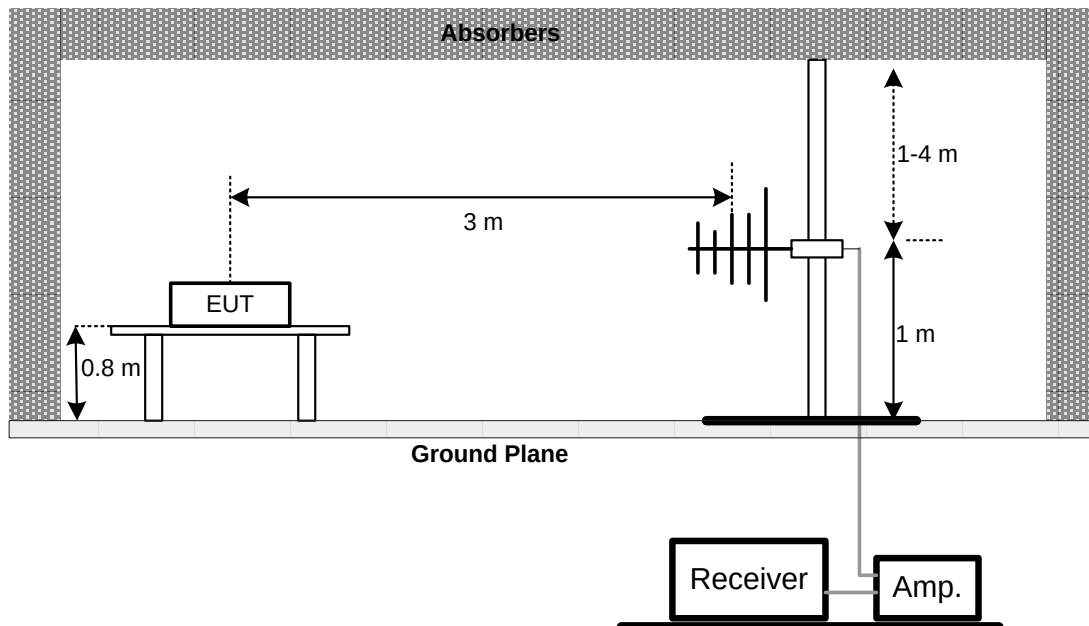
No deviation.

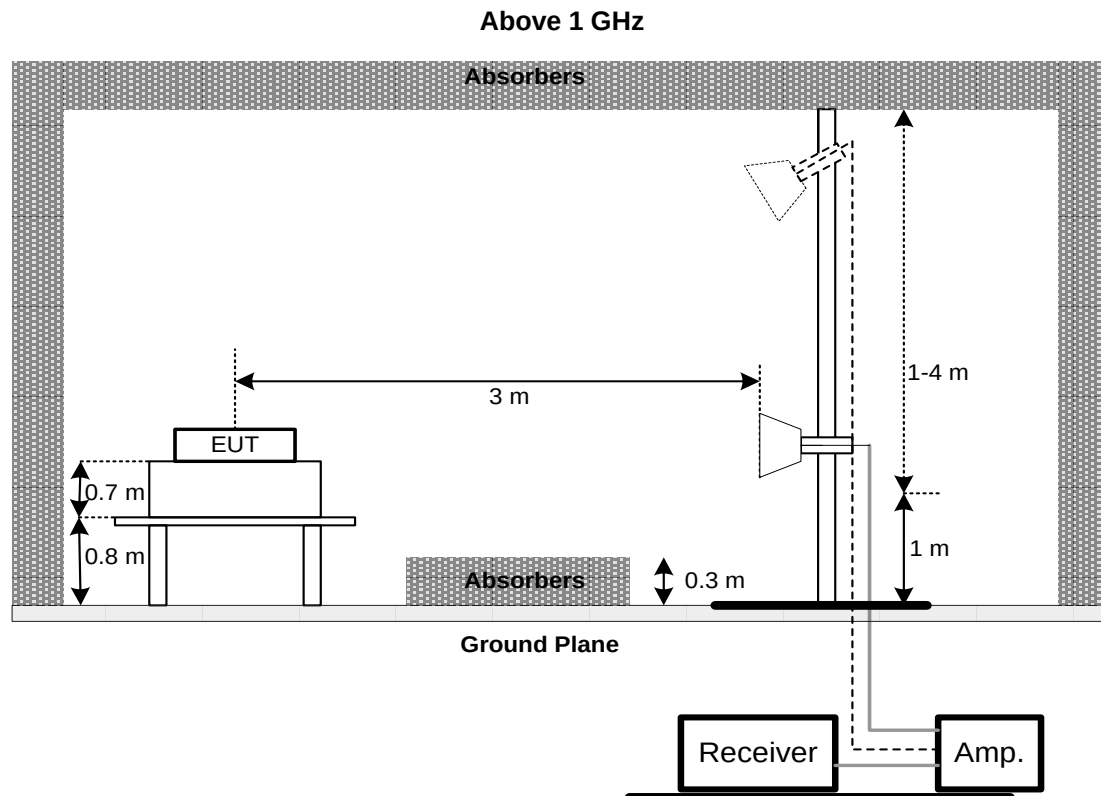
4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

There were no emissions found below 30 MHz within 20 dB of the limit.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 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	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	5250-5350
		5470-5725

5.2 TEST PROCEDURE

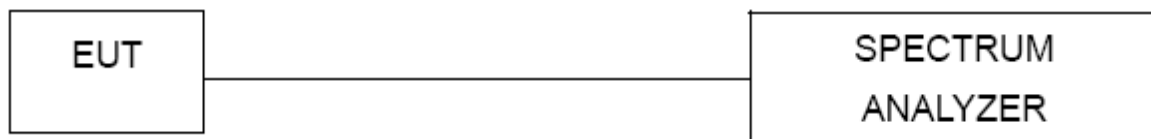
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting:

Spectrum Parameter	Setting
Span Frequency	> 26 dB Bandwidth
RBW	Approximately 1% of the emission bandwidth
VBW	> RBW

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 MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725

Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm).

6.2 TEST PROCEDURE

- a. The EUT was directly connected to the Peak Power Analyzer and antenna output port as show in the block diagram below.
- b. The maximum peak conducted output power was performed in accordance with method of clause E. 3. a) FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
 - a)Method PM (Measurement using an RF average power meter):
 - (i) Measurements may be performed using a wideband RF power meter with a thermocouple detector or equivalent if all of the following conditions are satisfied
The EUT is configured to transmit continuously or to transmit with a constant duty cycle.
At all times when the EUT is transmitting, it must be transmitting at its maximum power control level.
The integration period of the power meter exceeds the repetition period of the transmitted signal by at least a factor of five.
 - (ii) If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
 - (iii) Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
 - (iv) Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25%).

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	Frequency Range (MHz)
15.407(a)	Maximum Output Power	11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725

Note: The maximum e.i.r.p at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW(21 dBm).

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:

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz
VBW	≥ 3 MHz
Detector	RMS
Trace	Max Hold
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 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 Below 30MHz						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Loop Ant.	Electro-Metrics	EMCI-LPA600	274	2024/7/5	2025/7/4
2	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
3	Pre-Amplifier	EMCI	EMC001340	980555	2023/12/1	2024/11/30
4	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions Below 1GHz						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
2	EMC Receiver	Keysight	N9038A	MY54130009	2024/6/27	2025/6/26
3	Pre-Amplifier	EMCI	EMC001330-2020 1222	980807	2023/12/11	2024/12/10
4	Test Cable	EMCI	EMC-8D-NM-NM-5000	150106	2023/12/11	2024/12/10
5	Test Cable	EMCI	EMC-CFD-400-N M-NM-8000	200348	2023/12/11	2024/12/10
6	Test Cable	EMCI	EMC-CFD-400-N M-NM-3300	200343	2023/12/11	2024/12/10
7	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions Above 1 GHz						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
2	Pre-Amplifier	EMCI	EMC051845SE	980779	2023/12/11	2024/12/10
3	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2023/12/11	2024/12/10
4	Test Cable	EMCI	EMC105-SM-SM-3000	210118	2023/12/11	2024/12/10
5	Test Cable	EMCI	EMC105-SM-SM-7000	210117	2023/12/11	2024/12/10
6	EXA Spectrum Analyzer	keysight	N9010A	MY56480554/01 6	2024/9/13	2025/9/12
7	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions_Above 18 GHz						
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-KM-3000	220330	2023/12/11	2024/12/10
5	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-ConducedTest	N/A	1247788684	N/A	N/A	N/A

Maximum Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	USB Peak Power Sensor	Anritsu	MA24408A	12589	2023/10/25	2024/10/24
2	20dbAttenuator	INMET	AHC-20dB	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-ConducedTest	N/A	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.

9 EUT TEST PHOTO

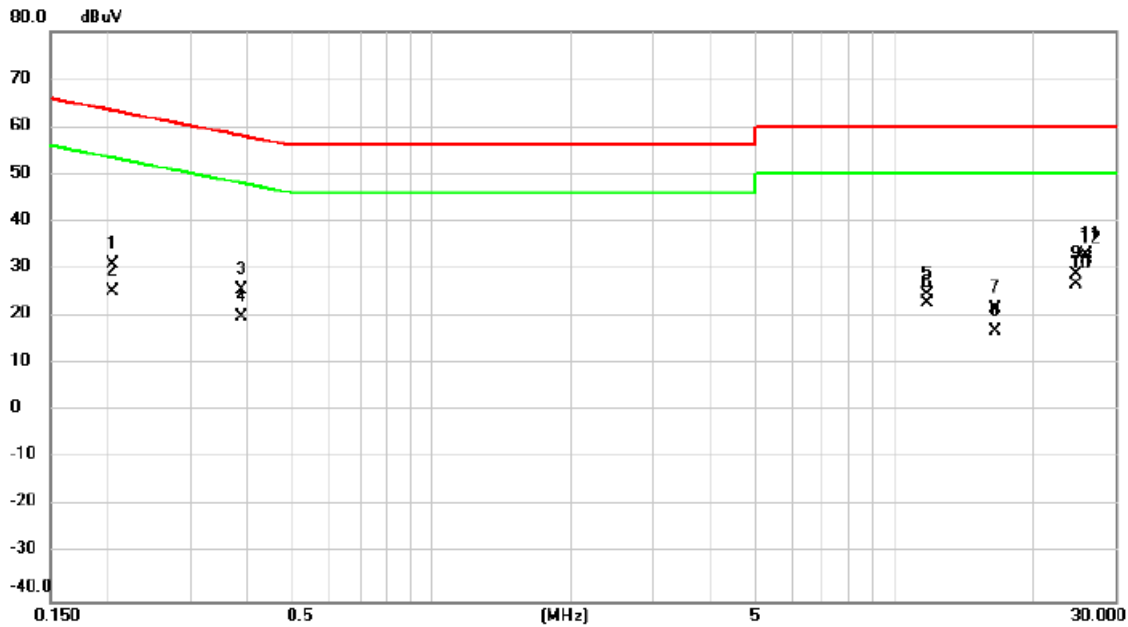
Please refer to document Appendix No.: TP-2303E004B-1 (APPENDIX-TEST PHOTOS).

10 EUT PHOTOS

Please refer to document Appendix No.: EP-2303E004B-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/9/20
Test Frequency	-	Phase	Line

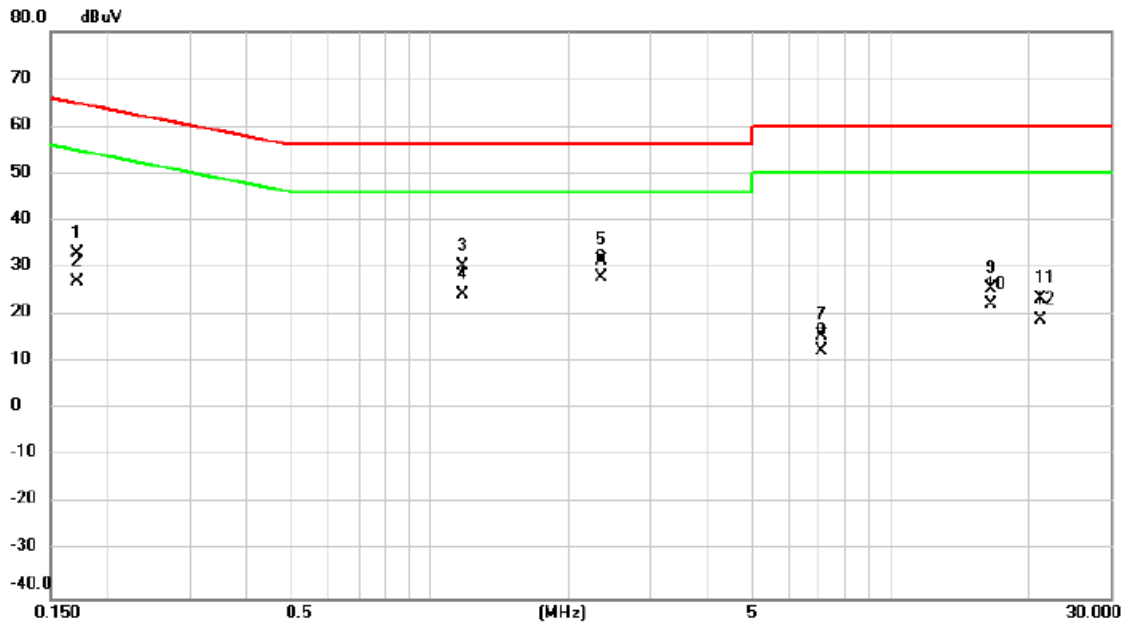


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2034	21.29	9.67	30.96	63.47	-32.51	QP	
2		0.2034	15.53	9.67	25.20	53.47	-28.27	AVG	
3		0.3880	16.01	9.67	25.68	58.11	-32.43	QP	
4		0.3880	10.24	9.67	19.91	48.11	-28.20	AVG	
5		11.7750	14.58	10.08	24.66	60.00	-35.34	QP	
6		11.7750	12.66	10.08	22.74	50.00	-27.26	AVG	
7		16.4750	11.59	10.14	21.73	60.00	-38.27	QP	
8		16.4750	6.59	10.14	16.73	50.00	-33.27	AVG	
9		24.7250	18.64	10.20	28.84	60.00	-31.16	QP	
10		24.7250	16.40	10.20	26.60	50.00	-23.40	AVG	
11		25.9000	22.86	10.20	33.06	60.00	-26.94	QP	
12	*	25.9000	21.90	10.20	32.10	50.00	-17.90	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2024/9/20
Test Frequency	-	Phase	Neutral

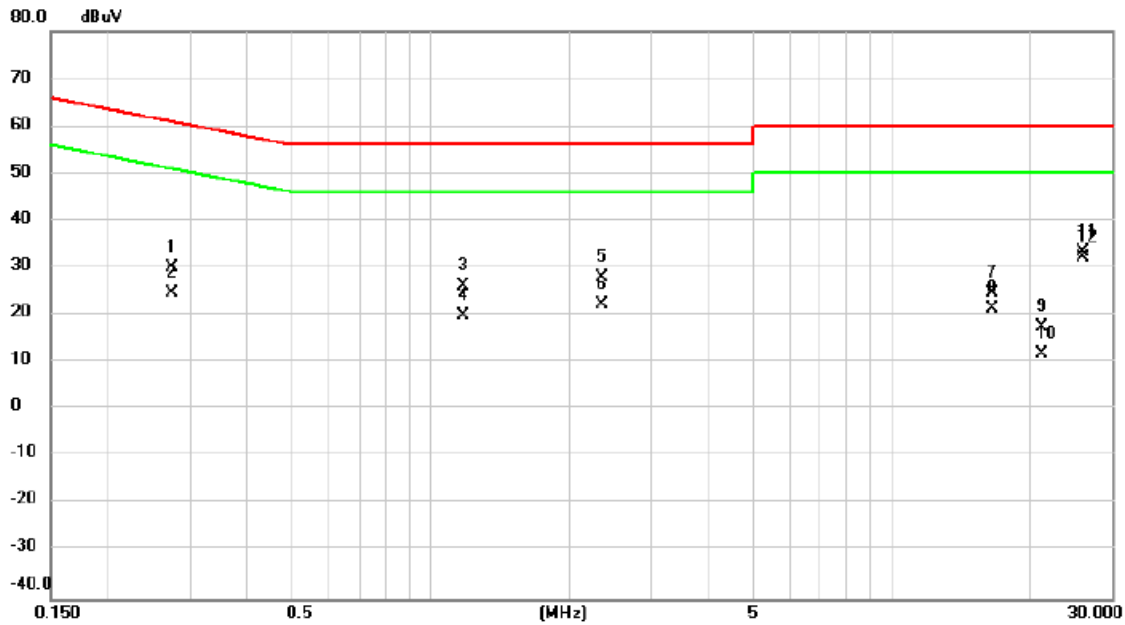


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1706	23.27	9.67	32.94	64.93	-31.99	QP	
2		0.1706	17.26	9.67	26.93	54.93	-28.00	AVG	
3		1.1750	20.54	9.74	30.28	56.00	-25.72	QP	
4		1.1750	14.47	9.74	24.21	46.00	-21.79	AVG	
5		2.3540	21.83	9.82	31.65	56.00	-24.35	QP	
6	*	2.3540	17.99	9.82	27.81	46.00	-18.19	AVG	
7		7.0750	5.63	9.98	15.61	60.00	-44.39	QP	
8		7.0750	2.48	9.98	12.46	50.00	-37.54	AVG	
9		16.4750	15.39	10.23	25.62	60.00	-34.38	QP	
10		16.4750	12.01	10.23	22.24	50.00	-27.76	AVG	
11		21.2000	13.15	10.33	23.48	60.00	-36.52	QP	
12		21.2000	8.61	10.33	18.94	50.00	-31.06	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2024/9/20
Test Frequency	-	Phase	Line



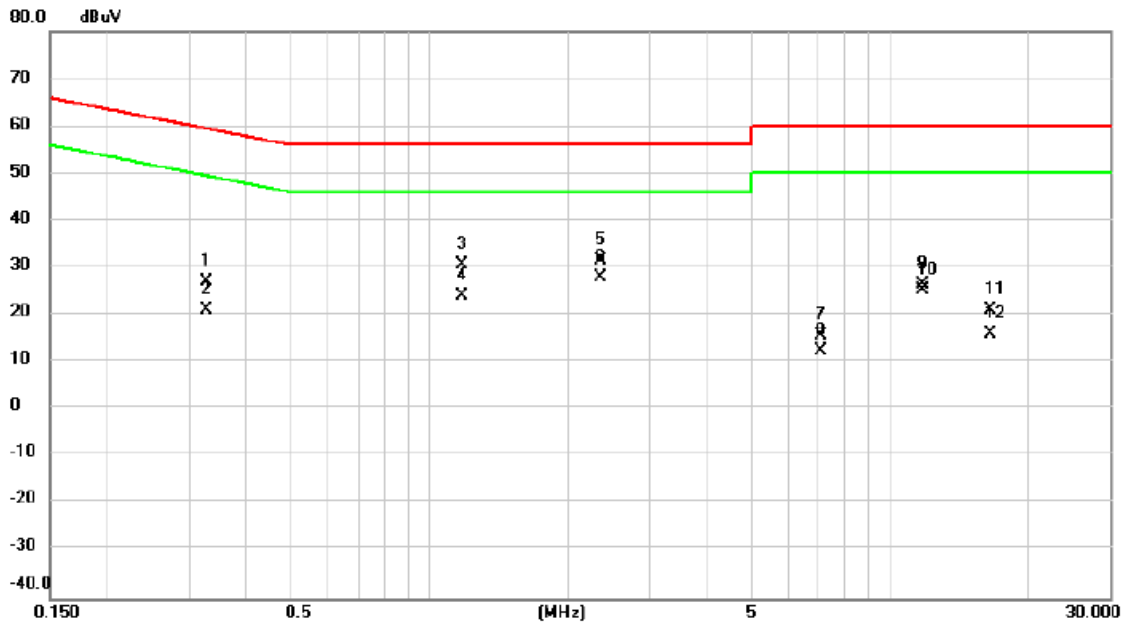
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2742	20.32	9.66	29.98	60.99	-31.01	QP	
2		0.2742	14.87	9.66	24.53	50.99	-26.46	AVG	
3		1.1795	16.35	9.74	26.09	56.00	-29.91	QP	
4		1.1795	10.08	9.74	19.82	46.00	-26.18	AVG	
5		2.3540	18.28	9.81	28.09	56.00	-27.91	QP	
6		2.3540	12.56	9.81	22.37	46.00	-23.63	AVG	
7		16.4750	14.61	10.14	24.75	60.00	-35.25	QP	
8		16.4750	11.11	10.14	21.25	50.00	-28.75	AVG	
9		21.1750	7.41	10.19	17.60	60.00	-42.40	QP	
10		21.1750	1.53	10.19	11.72	50.00	-38.28	AVG	
11		25.9000	23.14	10.20	33.34	60.00	-26.66	QP	
12	*	25.9000	21.88	10.20	32.08	50.00	-17.92	AVG	

REMARKS:

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

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

Test Mode	Idle	Tested Date	2024/9/20
Test Frequency	-	Phase	Neutral



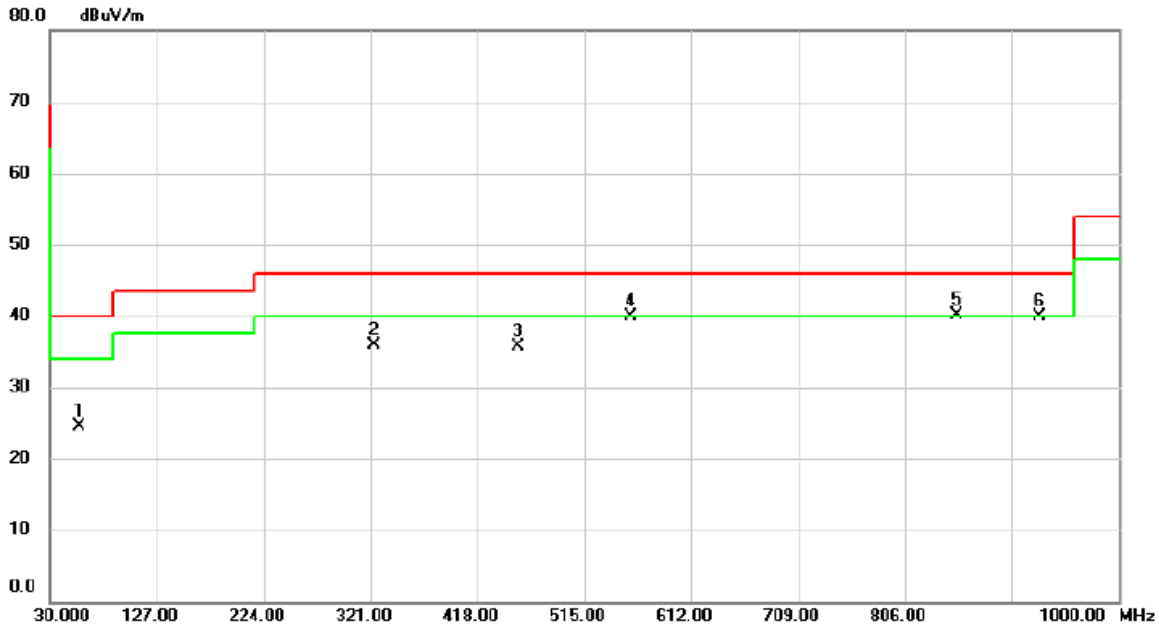
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.3274	17.26	9.66	26.92	59.52	-32.60	QP	
2		0.3274	11.52	9.66	21.18	49.52	-28.34	AVG	
3		1.1795	20.97	9.74	30.71	56.00	-25.29	QP	
4		1.1795	14.26	9.74	24.00	46.00	-22.00	AVG	
5		2.3540	21.80	9.82	31.62	56.00	-24.38	QP	
6	*	2.3540	18.12	9.82	27.94	46.00	-18.06	AVG	
7		7.0750	5.61	9.98	15.59	60.00	-44.41	QP	
8		7.0750	2.41	9.98	12.39	50.00	-37.61	AVG	
9		11.7750	16.42	10.13	26.55	60.00	-33.45	QP	
10		11.7750	15.00	10.13	25.13	50.00	-24.87	AVG	
11		16.4750	10.87	10.23	21.10	60.00	-38.90	QP	
12		16.4750	5.81	10.23	16.04	50.00	-33.96	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 802.11ax (HE20)	Tested Date	2024/9/20
Test Frequency	5500MHz	Polarization	Vertical

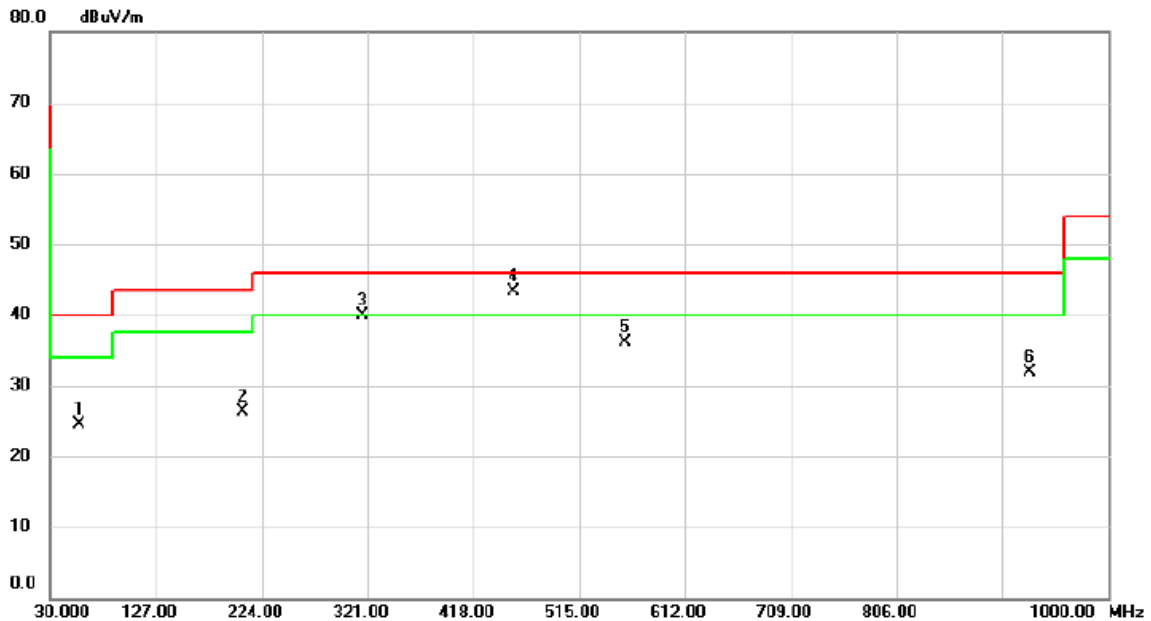


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		56.1900	36.11	-11.65	24.46	40.00	-15.54	peak	
2		323.9100	45.59	-9.61	35.98	46.00	-10.02	peak	
3		454.8600	41.65	-5.93	35.72	46.00	-10.28	peak	
4		556.7100	43.88	-3.99	39.89	46.00	-6.11	peak	
5	*	853.5300	38.65	1.39	40.04	46.00	-5.96	peak	
6		928.2200	37.78	2.04	39.82	46.00	-6.18	peak	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Tested Date	2024/9/20
Test Frequency	5500MHz	Polarization	Horizontal



No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1		56.1900	36.11	-11.65	24.46	40.00	-15.54	peak	
2		206.5400	40.46	-14.24	26.22	43.50	-17.28	peak	
3		316.1500	49.64	-9.83	39.81	46.00	-6.19	peak	
4	*	454.8600	49.15	-5.93	43.22	46.00	-2.78	peak	
5		556.7100	40.09	-3.99	36.10	46.00	-9.90	peak	
6		928.2200	29.78	2.04	31.82	46.00	-14.18	peak	

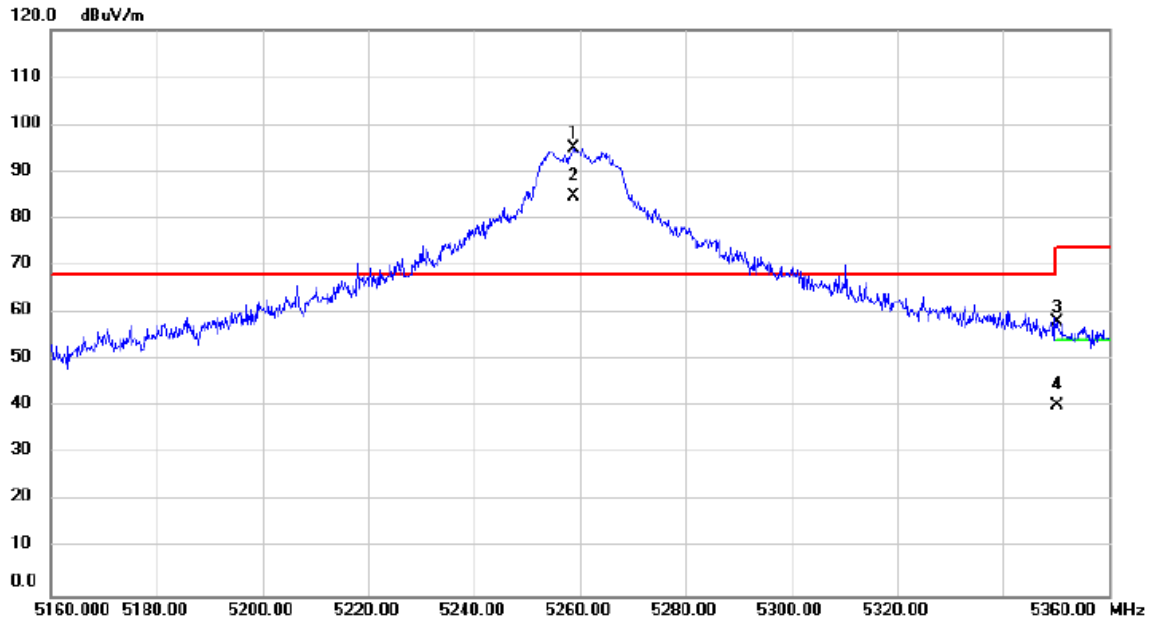
REMARKS:

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

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Vertical

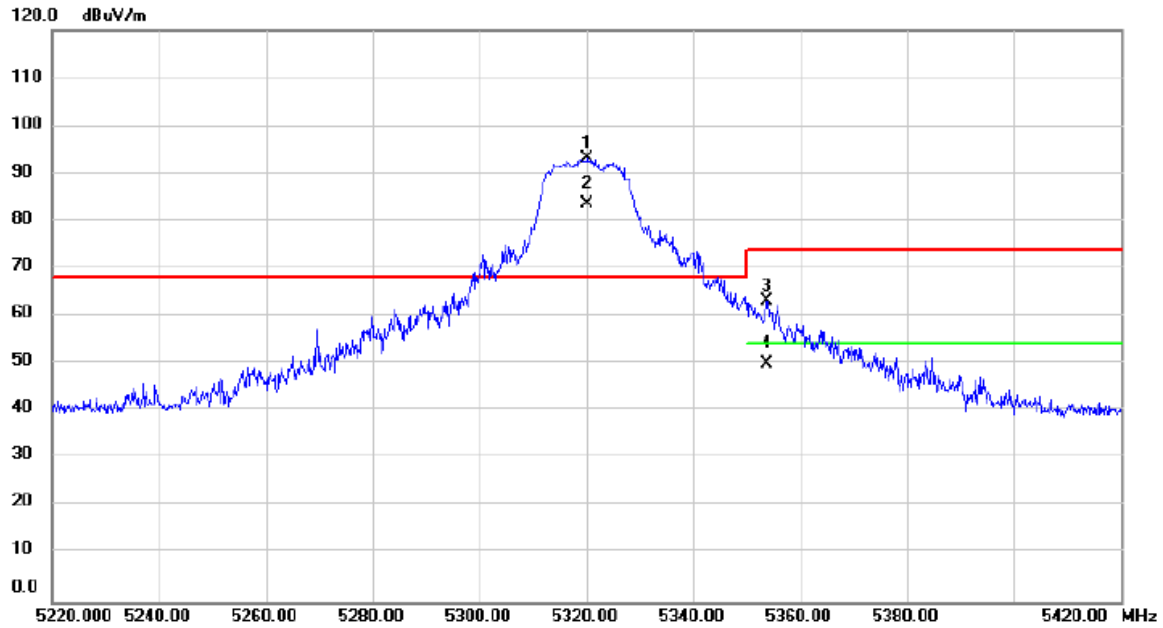


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5258.800	92.93	1.97	94.90	68.20	26.70	peak		No Limit
2	X	5258.800	82.80	1.97	84.77	68.20	16.57	AVG		No Limit
3		5350.200	56.08	2.01	58.09	74.00	-15.91	peak		
4		5350.200	38.26	2.01	40.27	54.00	-13.73	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Vertical



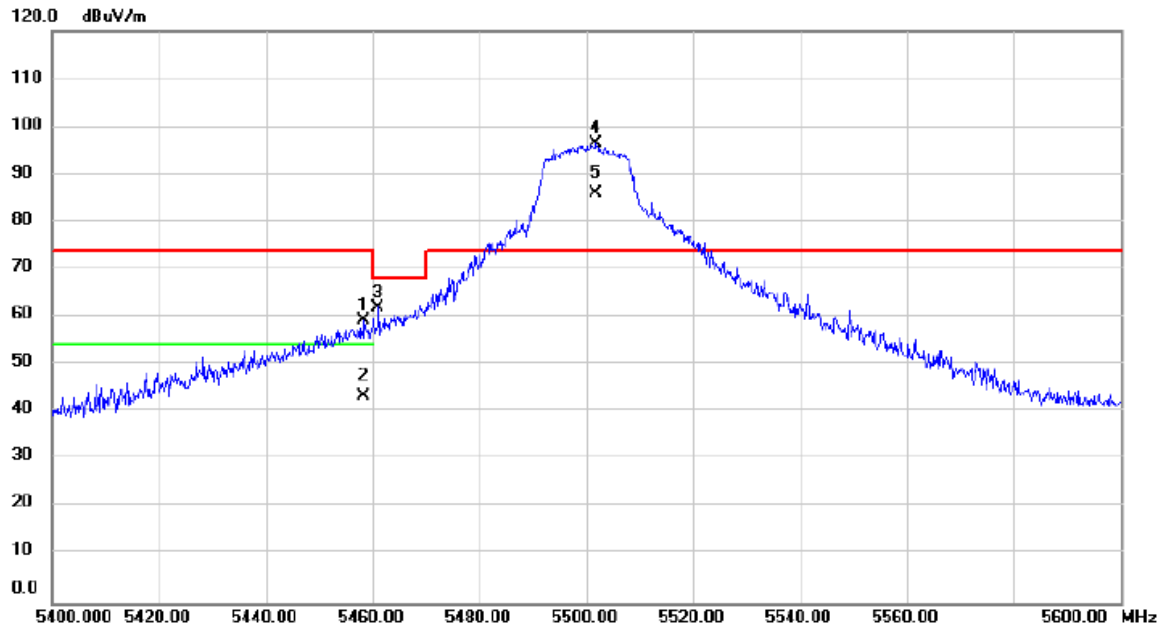
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5320.200	91.15	2.00	93.15	68.20	24.95	peak		No Limit
2	X	5320.200	81.40	2.00	83.40	68.20	15.20	AVG		No Limit
3		5353.600	61.23	2.01	63.24	74.00	-10.76	peak		
4		5353.600	47.82	2.01	49.83	54.00	-4.17	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Vertical



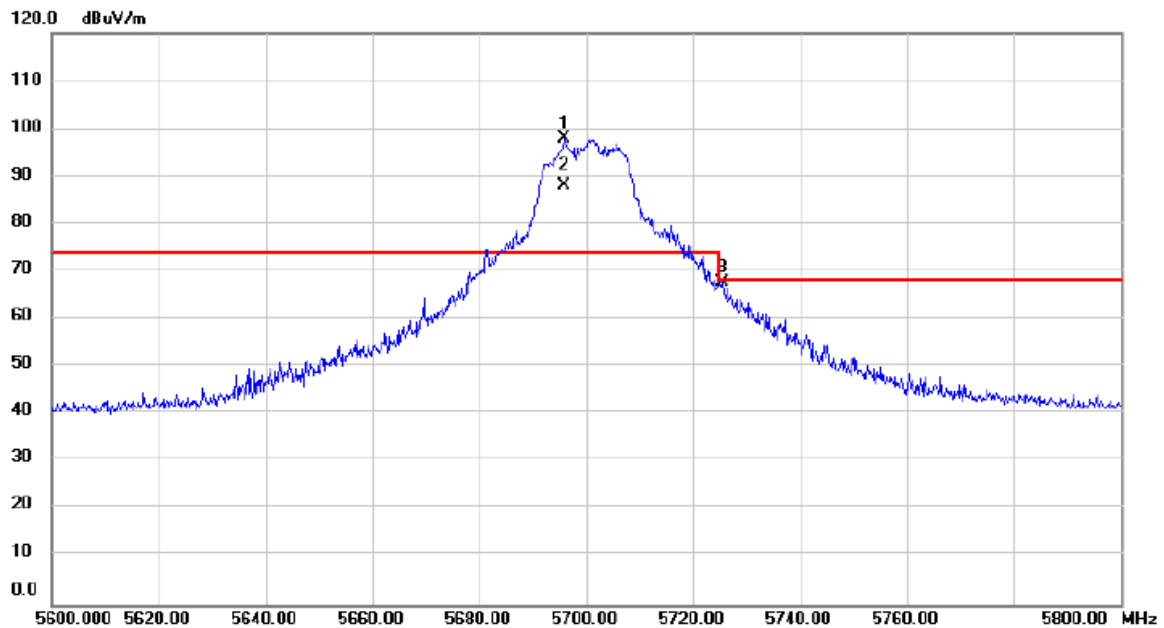
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5458.400	57.19	2.06	59.25	74.00	-14.75	peak		
2		5458.400	41.15	2.06	43.21	54.00	-10.79	AVG		
3		5461.000	60.04	2.06	62.10	68.20	-6.10	peak		
4	*	5501.800	94.34	2.07	96.41	74.00	22.41	peak		No Limit
5	X	5501.800	83.90	2.07	85.97	74.00	11.97	AVG		No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Vertical

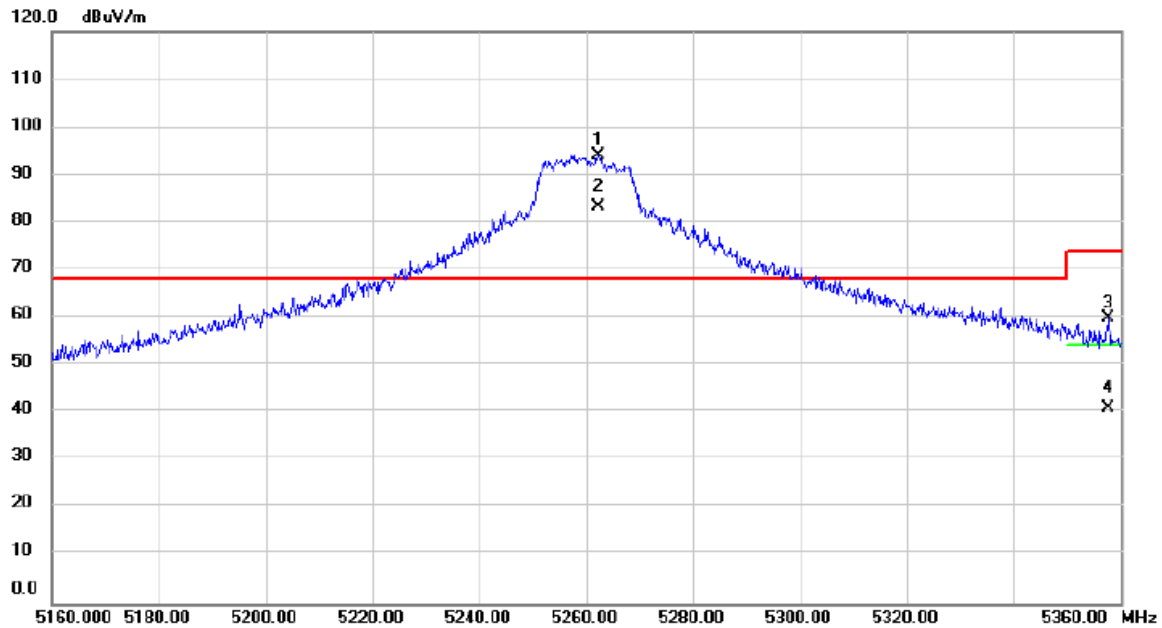


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5695.800	95.44	2.37	97.81	74.00	23.81	peak		No Limit
2	X	5695.800	85.80	2.37	88.17	74.00	14.17	AVG		No Limit
3		5725.400	65.10	2.42	67.52	68.20	-0.68	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Vertical



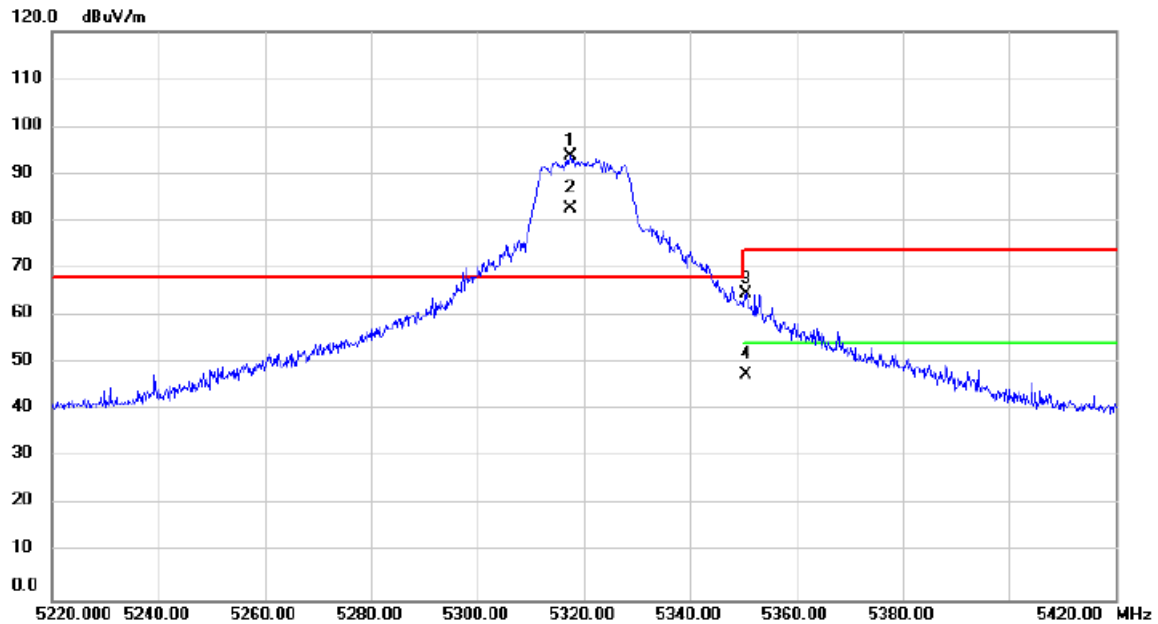
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5262.400	92.19	1.98	94.17	68.20	25.97	peak		No Limit
2	X	5262.400	81.34	1.98	83.32	68.20	15.12	AVG		No Limit
3		5357.800	57.88	2.01	59.89	74.00	-14.11	peak		
4		5357.800	38.82	2.01	40.83	54.00	-13.17	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Vertical



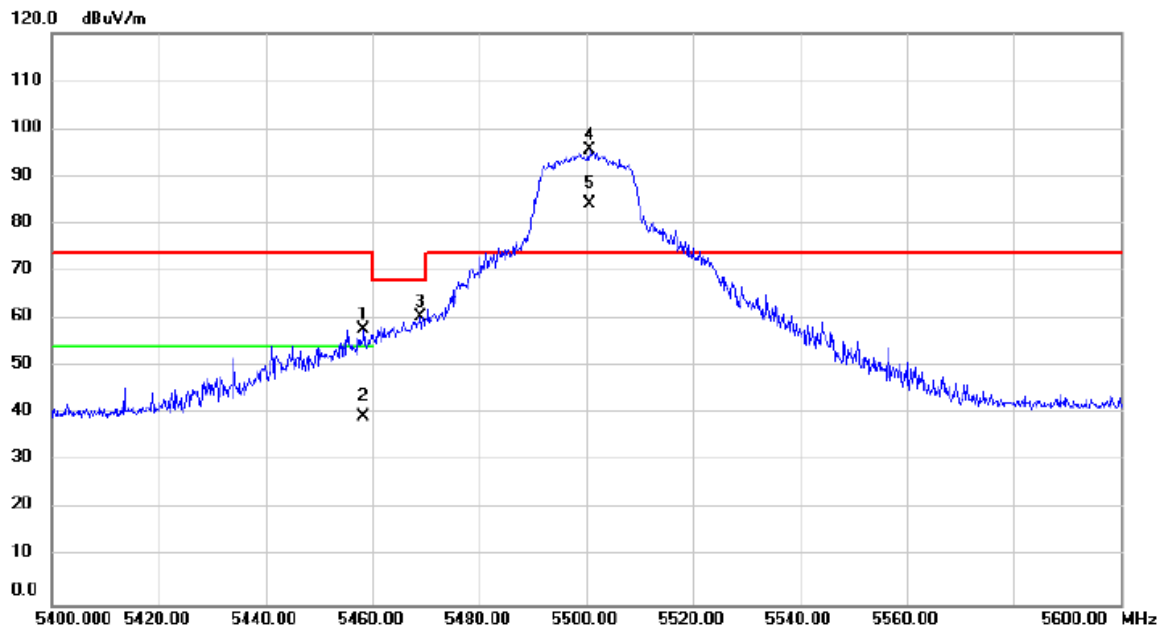
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5317.400	91.67	2.00	93.67	68.20	25.47	peak		No Limit
2	X	5317.400	80.65	2.00	82.65	68.20	14.45	AVG		No Limit
3		5350.600	62.69	2.01	64.70	74.00	-9.30	peak		
4		5350.600	45.44	2.01	47.45	54.00	-6.55	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Vertical

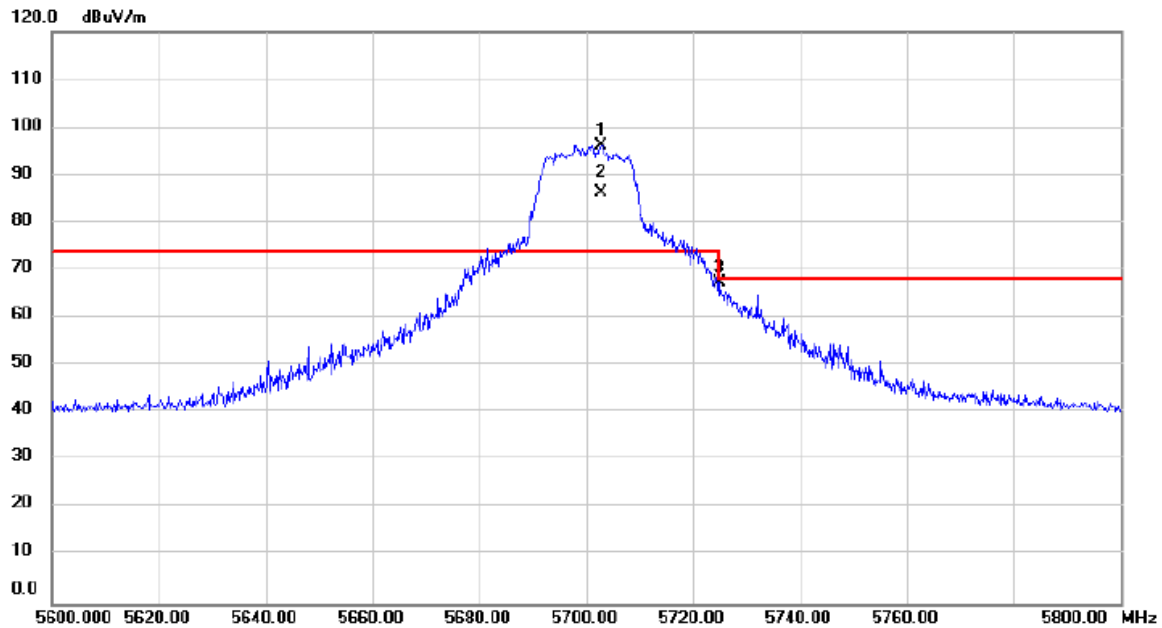


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5458.400	55.77	2.06	57.83	74.00	-16.17	peak		
2		5458.400	37.50	2.06	39.56	54.00	-14.44	AVG		
3		5469.000	58.44	2.05	60.49	68.20	-7.71	peak		
4	*	5500.600	93.47	2.07	95.54	74.00	21.54	peak		No Limit
5	X	5500.600	82.14	2.07	84.21	74.00	10.21	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Vertical

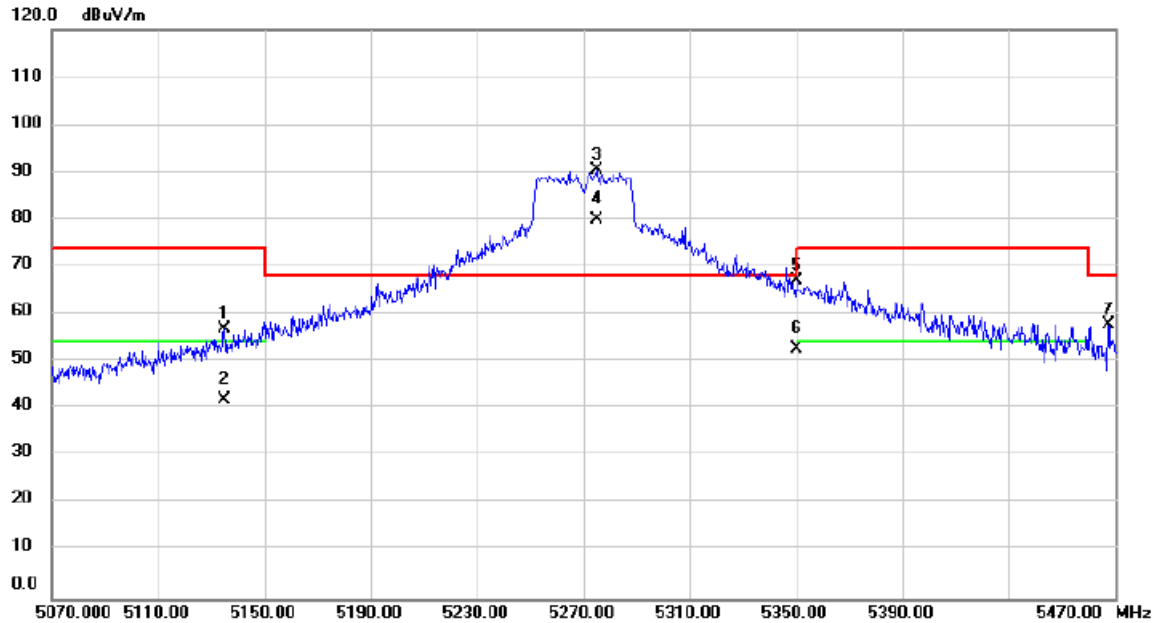


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5702.800	93.88	2.39	96.27	74.00	22.27	peak		No Limit
2	X	5702.800	83.85	2.39	86.24	74.00	12.24	AVG		No Limit
3		5725.000	64.87	2.42	67.29	68.20	-0.91	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5270MHz	Polarization	Vertical

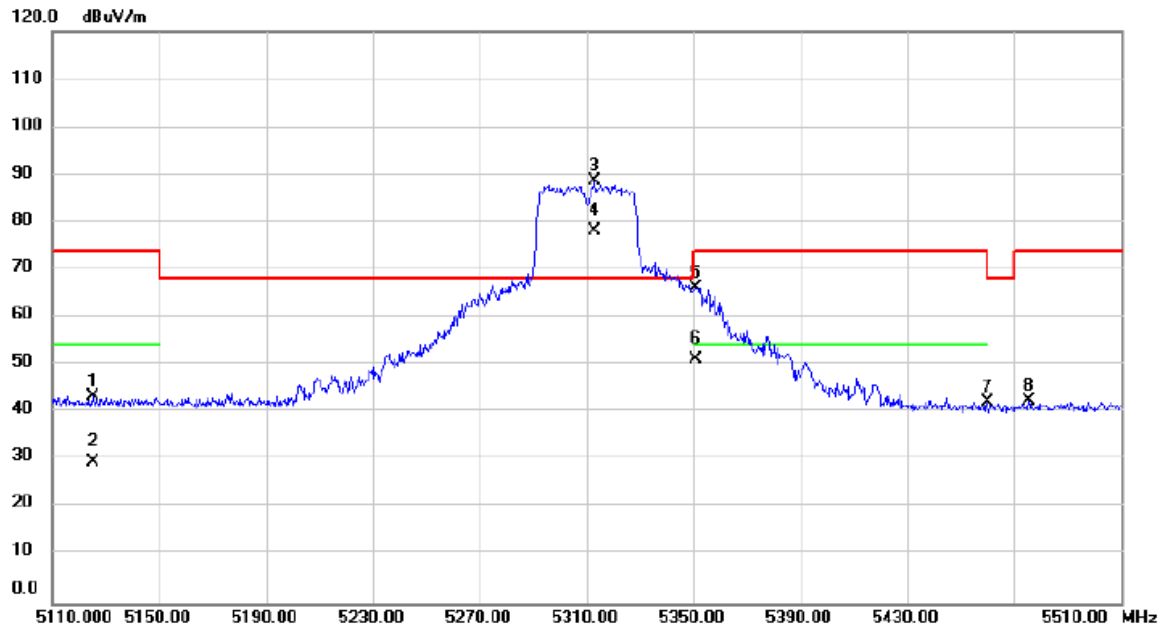


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5134.800	54.83	1.92	56.75	74.00	-17.25	peak			
2		5134.800	40.01	1.92	41.93	54.00	-12.07	AVG			
3	*	5275.200	88.50	1.98	90.48	68.20	22.28	peak			No Limit
4	X	5275.200	77.84	1.98	79.82	68.20	11.62	AVG			No Limit
5		5350.000	65.07	2.01	67.08	74.00	-6.92	peak			
6		5350.000	50.67	2.01	52.68	54.00	-1.32	AVG			
7		5467.600	55.56	2.05	57.61	68.20	-10.59	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5310MHz	Polarization	Vertical

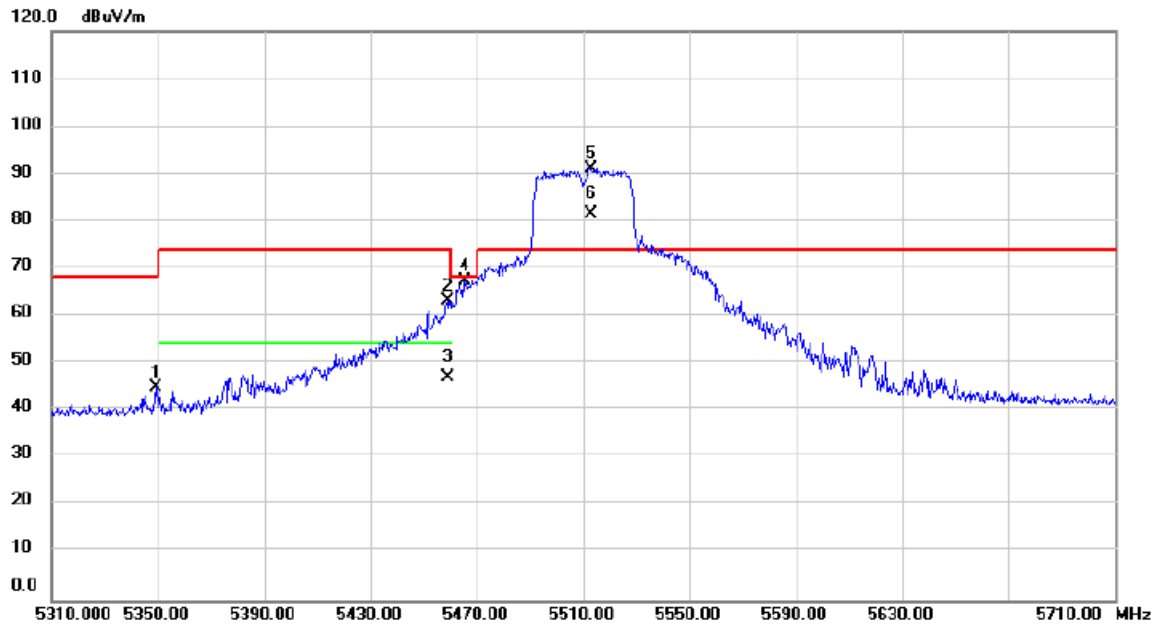


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		5125.200	41.42	1.93	43.35	74.00	-30.65	peak		
2		5125.200	27.54	1.93	29.47	54.00	-24.53	AVG		
3	*	5313.200	86.53	1.99	88.52	68.20	20.32	peak		No Limit
4	X	5313.200	76.27	1.99	78.26	68.20	10.06	AVG		No Limit
5		5350.800	64.13	2.01	66.14	74.00	-7.86	peak		
6		5350.800	49.06	2.01	51.07	54.00	-2.93	AVG		
7		5460.000	39.99	2.06	42.05	74.00	-31.95	peak		
8		5475.600	40.25	2.07	42.32	74.00	-31.68	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5510MHz	Polarization	Vertical

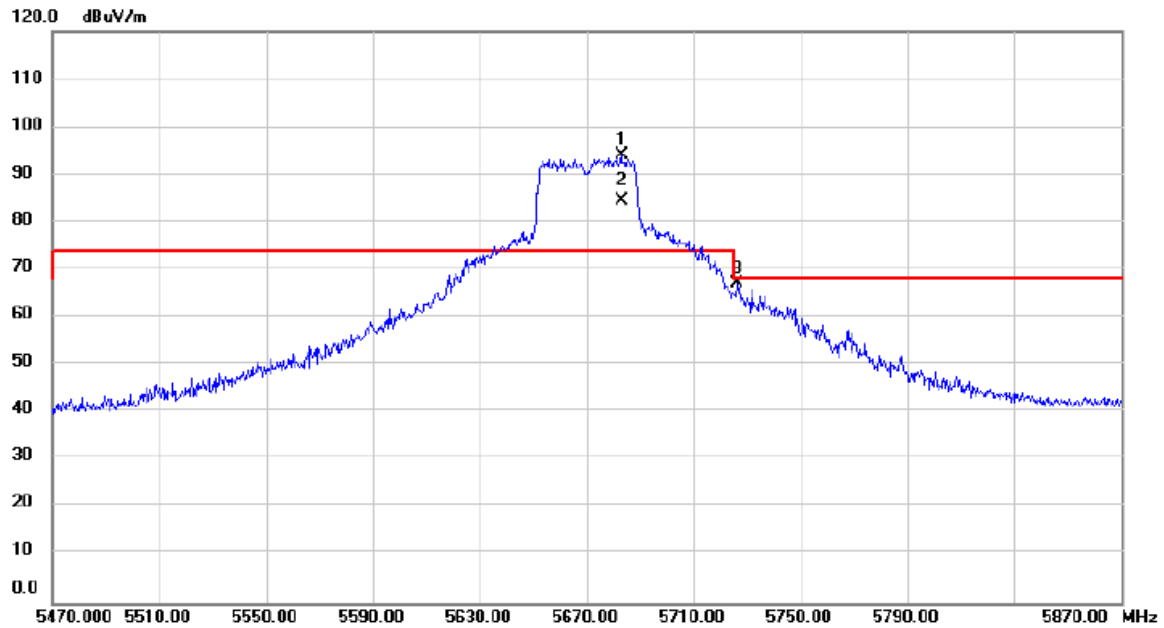


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5349.200	42.99	2.01	45.00	68.20	-23.20	peak			
2		5458.800	61.17	2.06	63.23	74.00	-10.77	peak			
3		5458.800	44.91	2.06	46.97	54.00	-7.03	AVG			
4		5465.600	65.17	2.05	67.22	68.20	-0.98	peak			
5	*	5513.200	88.97	2.10	91.07	74.00	17.07	peak			No Limit
6	X	5513.200	79.45	2.10	81.55	74.00	7.55	AVG			No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5670MHz	Polarization	Vertical

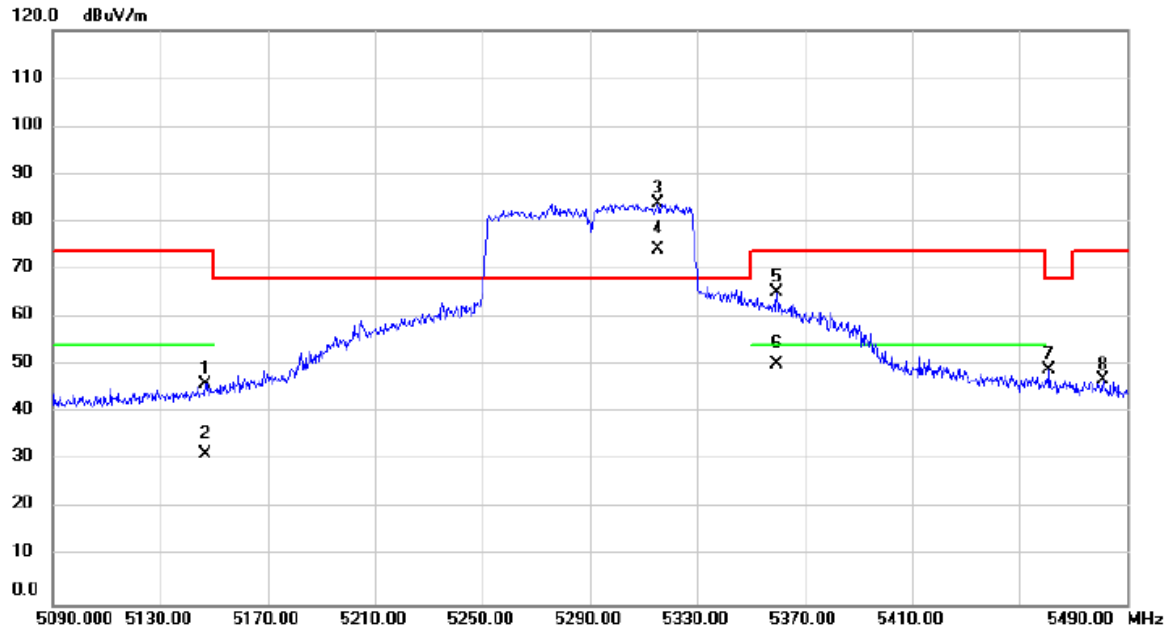


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5682.800	91.71	2.35	94.06	74.00	20.06	peak		No Limit
2	X	5682.800	81.99	2.35	84.34	74.00	10.34	AVG		No Limit
3		5726.000	64.58	2.42	67.00	68.20	-1.20	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5290MHz	Polarization	Vertical

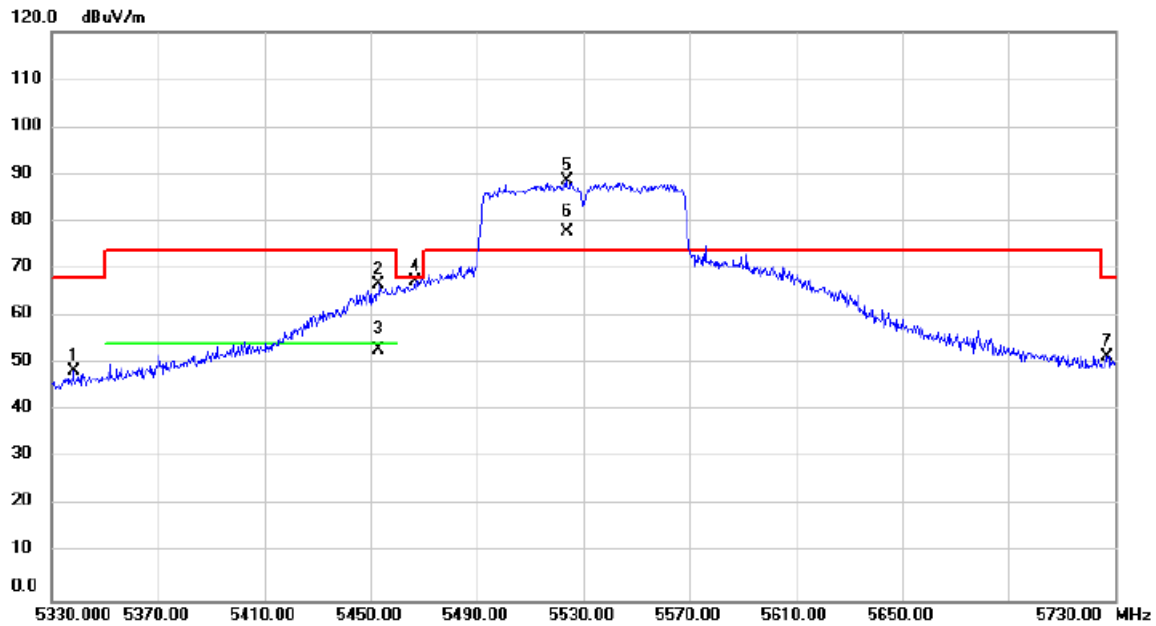


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		5146.800	44.06	1.93	45.99	74.00	-28.01	peak		
2		5146.800	29.37	1.93	31.30	54.00	-22.70	AVG		
3	*	5315.200	81.95	1.99	83.94	68.20	15.74	peak		No Limit
4	X	5315.200	72.21	1.99	74.20	68.20	6.00	AVG		No Limit
5		5359.600	63.22	2.02	65.24	74.00	-8.76	peak		
6		5359.600	48.27	2.02	50.29	54.00	-3.71	AVG		
7		5461.200	46.86	2.06	48.92	68.20	-19.28	peak		
8		5481.200	44.96	2.06	47.02	74.00	-26.98	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5530MHz	Polarization	Vertical

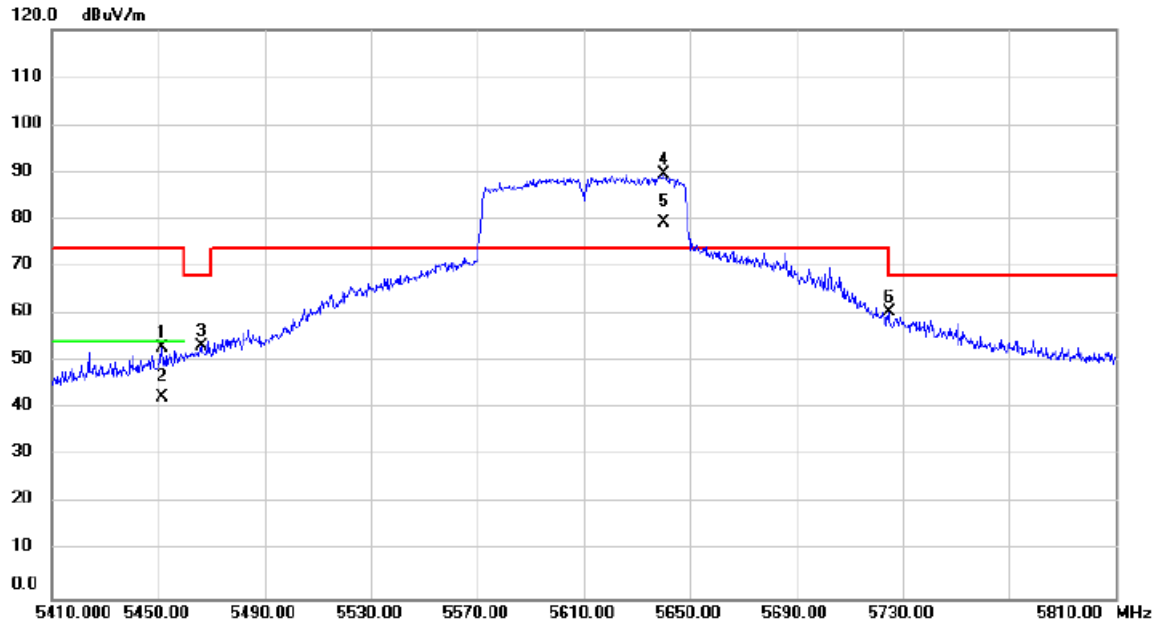


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5338.000	46.58	2.01	48.59	68.20	-19.61			peak
2		5453.200	64.76	2.05	66.81	74.00	-7.19			peak
3		5453.200	50.81	2.05	52.86	54.00	-1.14			AVG
4		5466.800	65.26	2.05	67.31	68.20	-0.89			peak
5	*	5523.600	86.52	2.11	88.63	74.00	14.63			peak
6	X	5523.600	75.86	2.11	77.97	74.00	3.97			AVG
7		5726.800	49.09	2.42	51.51	68.20	-16.69			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5610MHz	Polarization	Vertical

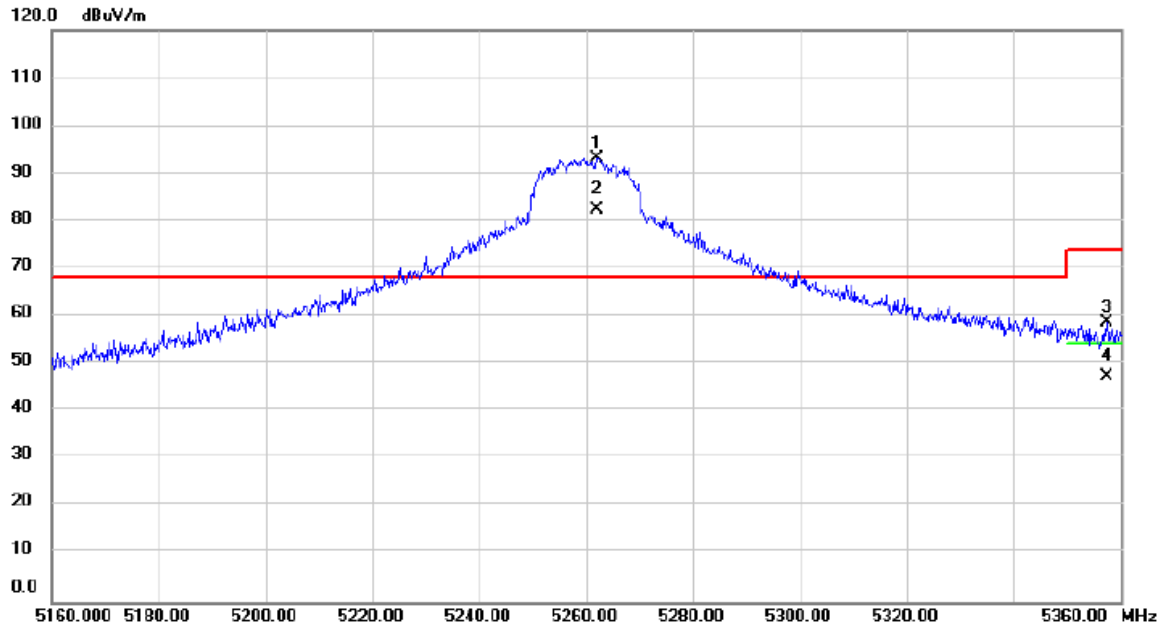


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5451.200	50.93	2.05	52.98	74.00	-21.02	peak			
2		5451.200	40.34	2.05	42.39	54.00	-11.61	AVG			
3		5466.000	51.28	2.05	53.33	68.20	-14.87	peak			
4	*	5640.000	87.21	2.30	89.51	74.00	15.51	peak			No Limit
5	X	5640.000	77.01	2.30	79.31	74.00	5.31	AVG			No Limit
6		5724.800	57.91	2.42	60.33	74.00	-13.67	peak			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Vertical



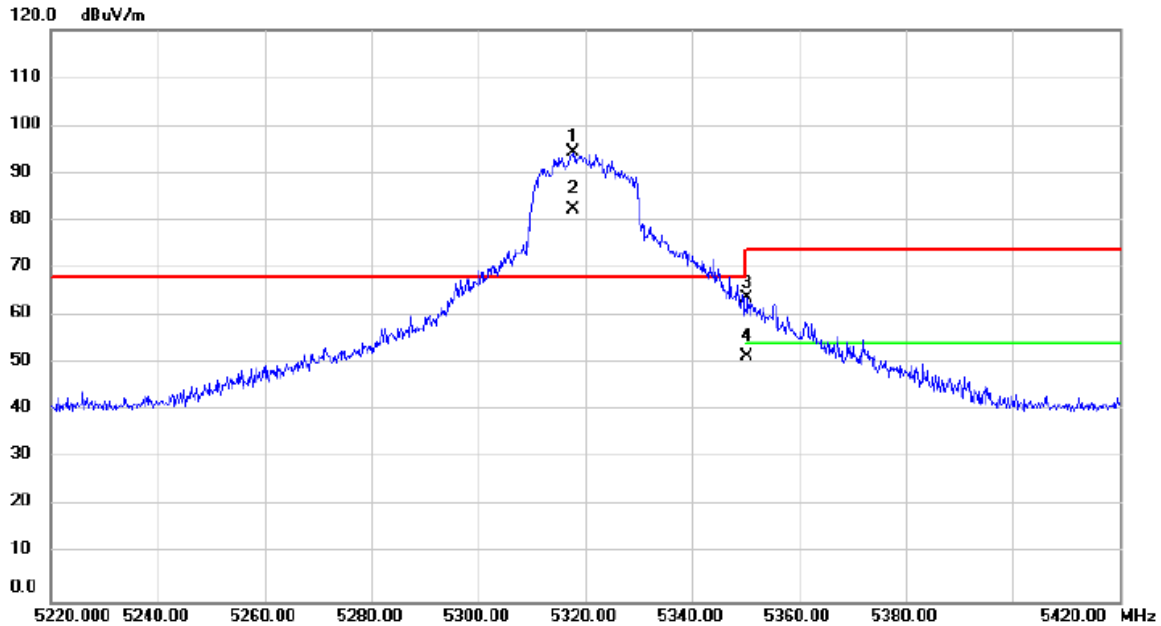
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5262.000	91.22	1.98	93.20	68.20	25.00	peak		No Limit
2	X	5262.000	80.32	1.98	82.30	68.20	14.10	AVG		No Limit
3		5357.400	56.60	2.01	58.61	74.00	-15.39	peak		
4		5357.400	45.22	2.01	47.23	54.00	-6.77	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Vertical



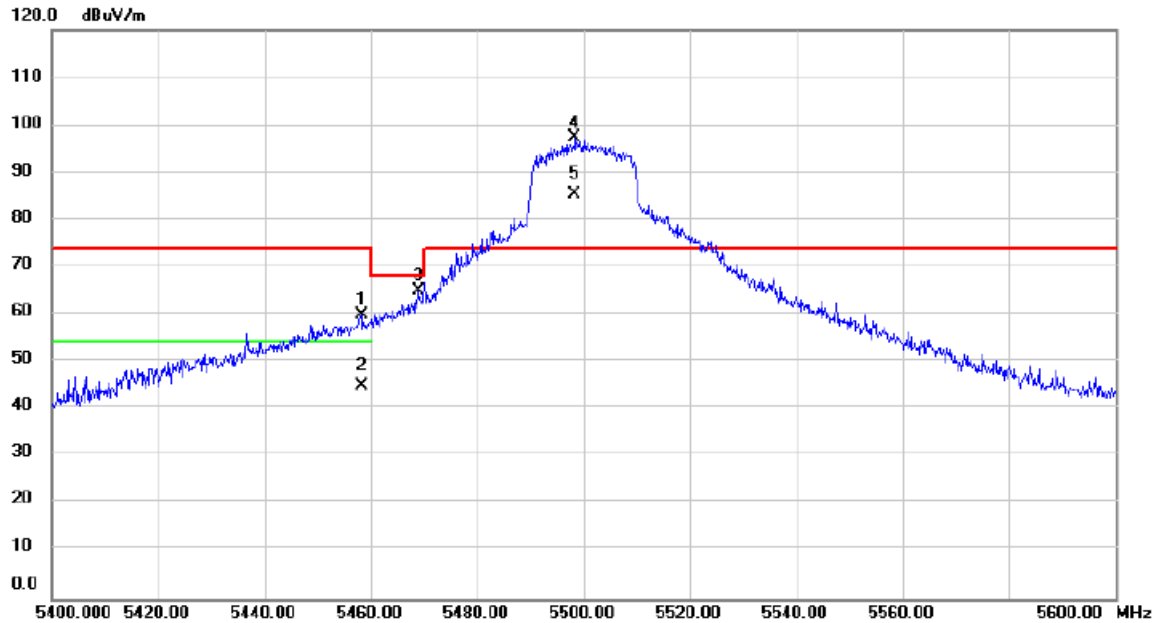
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5317.800	92.29	2.00	94.29	68.20	26.09	peak		No Limit
2	X	5317.800	80.38	2.00	82.38	68.20	14.18	AVG		No Limit
3		5350.400	61.72	2.01	63.73	74.00	-10.27	peak		
4		5350.400	49.56	2.01	51.57	54.00	-2.43	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Vertical



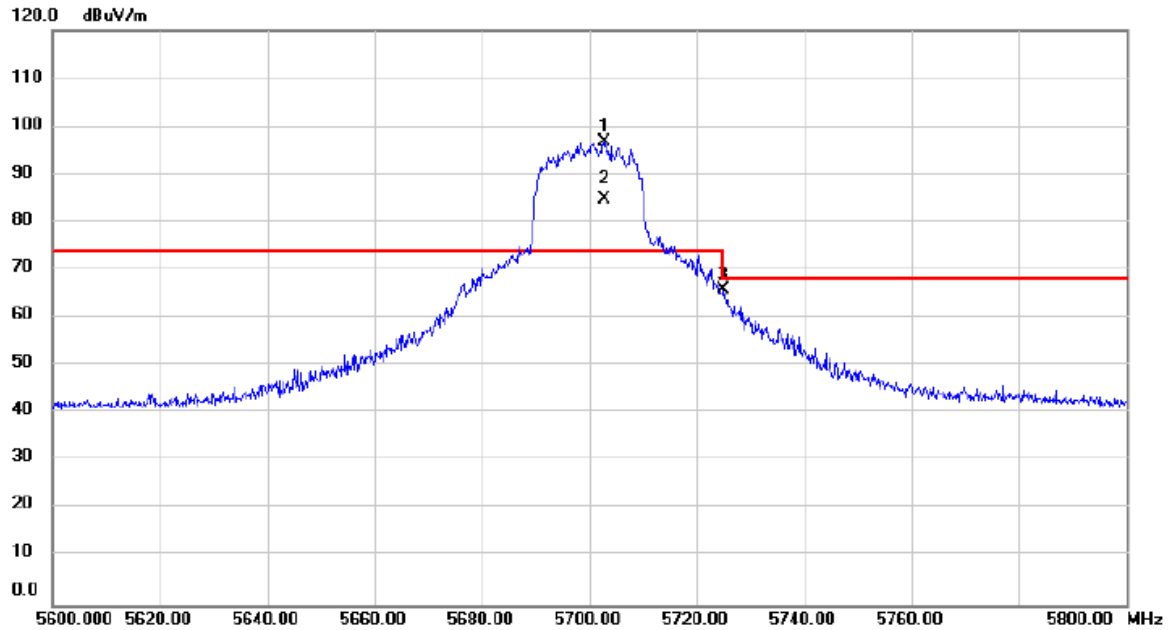
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5458.200	57.82	2.05	59.87	74.00	-14.13	peak		
2		5458.200	42.78	2.05	44.83	54.00	-9.17	AVG		
3		5468.800	62.88	2.05	64.93	68.20	-3.27	peak		
4	*	5498.400	95.16	2.07	97.23	74.00	23.23	peak		No Limit
5	X	5498.400	83.18	2.07	85.25	74.00	11.25	AVG		No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Vertical

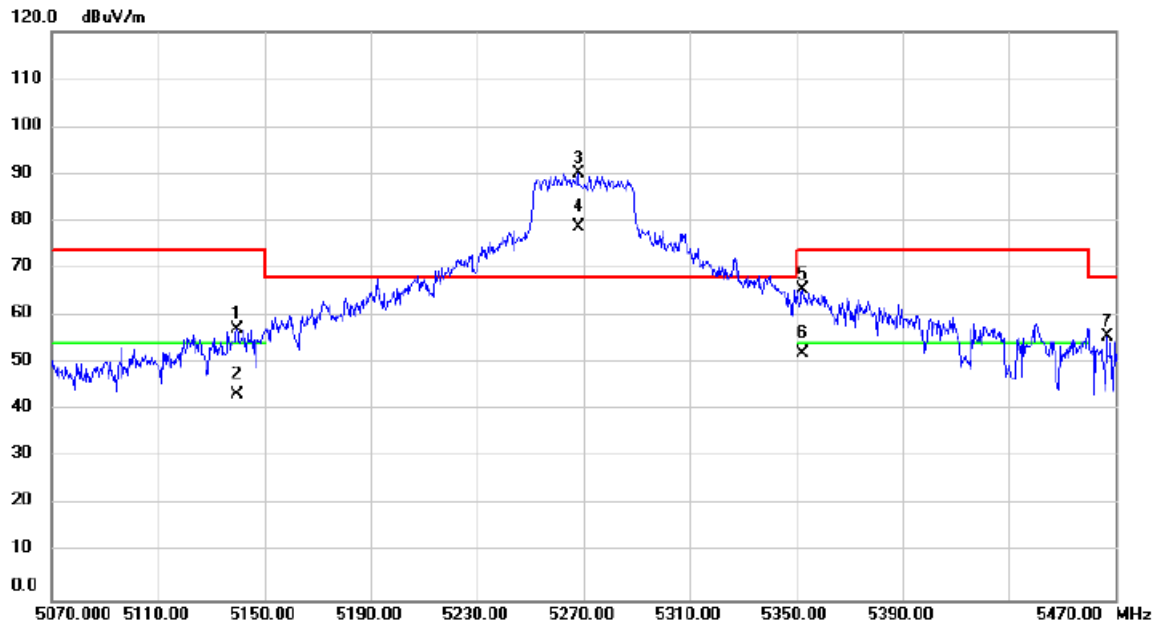


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5702.800	94.23	2.39	96.62	74.00	22.62	peak		No Limit
2	X	5702.800	82.34	2.39	84.73	74.00	10.73	AVG		No Limit
3		5725.000	63.40	2.42	65.82	68.20	-2.38	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/18
Test Frequency	5270MHz	Polarization	Vertical

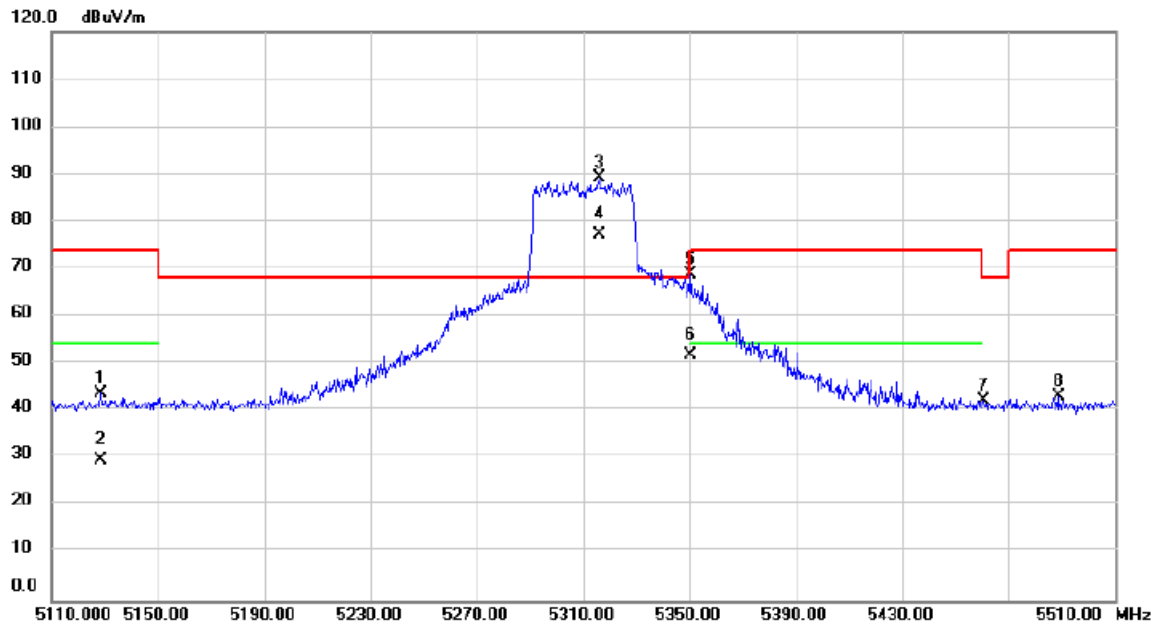


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5139.600	55.14	1.92	57.06	74.00	-16.94	peak			
2		5139.600	41.35	1.92	43.27	54.00	-10.73	AVG			
3	*	5268.000	88.27	1.98	90.25	68.20	22.05	peak			No Limit
4	X	5268.000	76.70	1.98	78.68	68.20	10.48	AVG			No Limit
5		5352.400	63.47	2.01	65.48	74.00	-8.52	peak			
6		5352.400	50.09	2.01	52.10	54.00	-1.90	AVG			
7		5466.800	53.60	2.05	55.65	68.20	-12.55	peak			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/18
Test Frequency	5310MHz	Polarization	Vertical



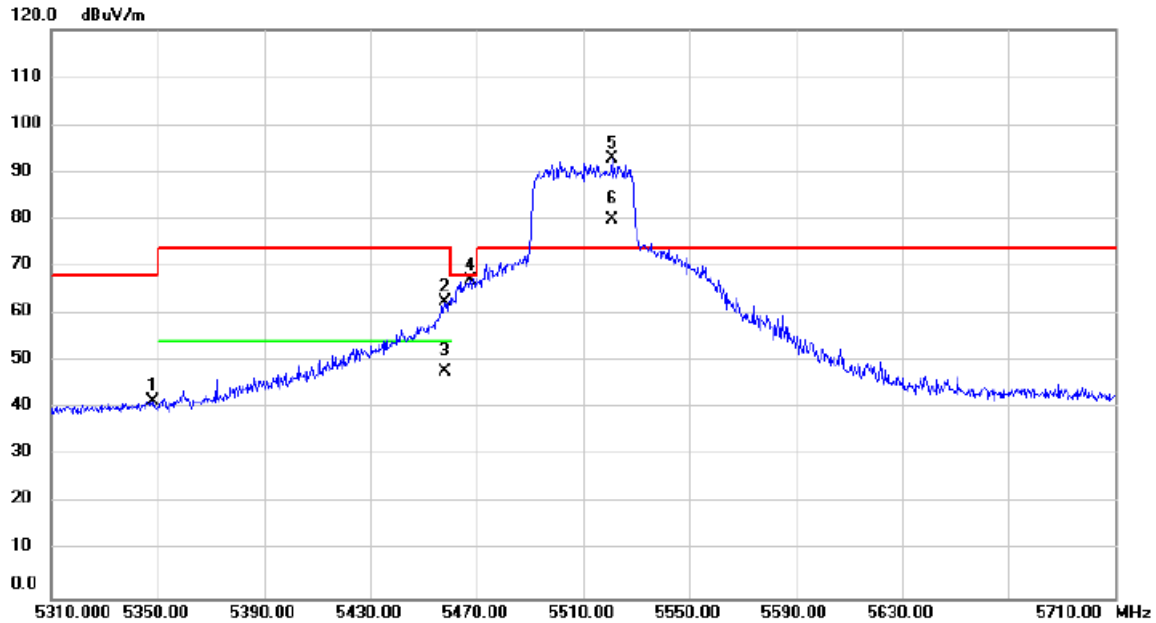
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5128.400	41.59	1.93	43.52	74.00	-30.48	peak		
2		5128.400	27.69	1.93	29.62	54.00	-24.38	AVG		
3	*	5316.000	87.12	1.99	89.11	68.20	20.91	peak		No Limit
4	X	5316.000	75.35	1.99	77.34	68.20	9.14	AVG		No Limit
5		5350.400	66.77	2.01	68.78	74.00	-5.22	peak		
6		5350.400	49.84	2.01	51.85	54.00	-2.15	AVG		
7		5460.800	39.98	2.06	42.04	68.20	-26.16	peak		
8		5488.800	41.13	2.06	43.19	74.00	-30.81	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/18
Test Frequency	5510MHz	Polarization	Vertical



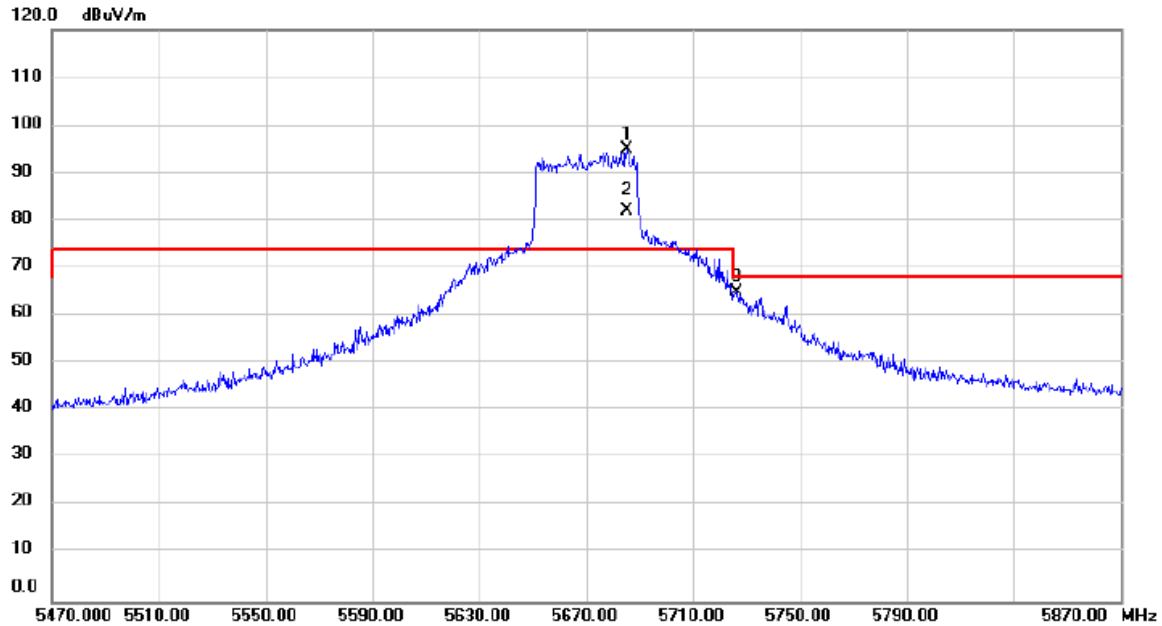
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5348.400	39.66	2.01	41.67	68.20	-26.53	peak			
2		5458.000	60.43	2.05	62.48	74.00	-11.52	peak			
3		5458.000	45.73	2.05	47.78	54.00	-6.22	AVG			
4		5467.600	64.96	2.05	67.01	68.20	-1.19	peak			
5	*	5520.800	90.66	2.09	92.75	74.00	18.75	peak			No Limit
6	X	5520.800	77.83	2.09	79.92	74.00	5.92	AVG			No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/18
Test Frequency	5670MHz	Polarization	Vertical

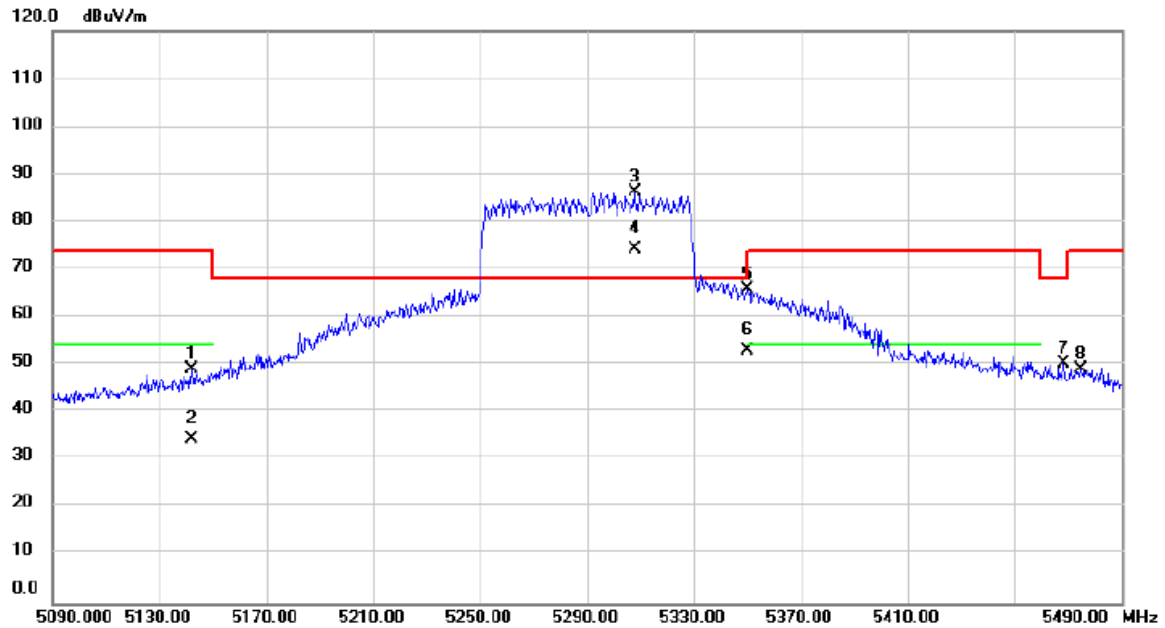


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	5685.200	92.59	2.36	94.95	74.00	20.95	peak		No Limit
2	X	5685.200	79.72	2.36	82.08	74.00	8.08	AVG		No Limit
3		5726.400	62.46	2.42	64.88	68.20	-3.32	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/18
Test Frequency	5290MHz	Polarization	Vertical

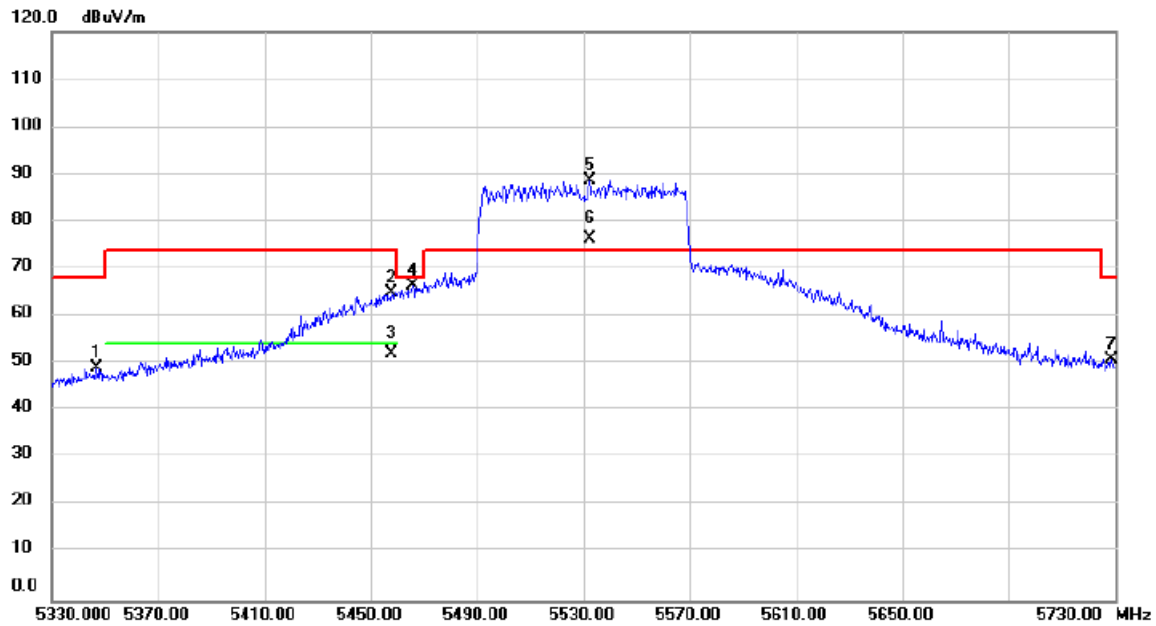


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		5142.000	47.25	1.93	49.18	74.00	-24.82	peak			
2		5142.000	32.50	1.93	34.43	54.00	-19.57	AVG			
3	*	5307.600	84.39	1.99	86.38	68.20	18.18	peak			No Limit
4	X	5307.600	72.28	1.99	74.27	68.20	6.07	AVG			No Limit
5		5350.000	63.76	2.01	65.77	74.00	-8.23	peak			
6		5350.000	51.03	2.01	53.04	54.00	-0.96	AVG			
7		5468.400	48.21	2.05	50.26	68.20	-17.94	peak			
8		5474.800	46.91	2.06	48.97	74.00	-25.03	peak			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/18
Test Frequency	5530MHz	Polarization	Vertical

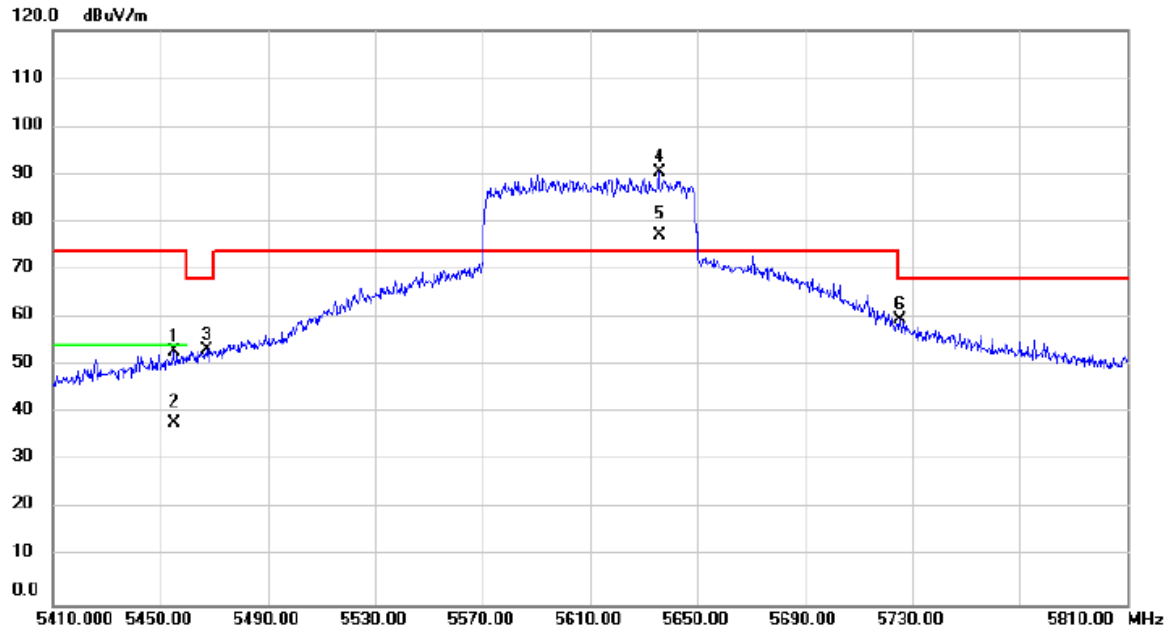


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5346.800	47.16	2.01	49.17	68.20	-19.03	peak		
2		5457.600	62.98	2.05	65.03	74.00	-8.97	peak		
3		5457.600	49.89	2.05	51.94	54.00	-2.06	AVG		
4		5465.600	64.27	2.05	66.32	68.20	-1.88	peak		
5	*	5532.400	86.54	2.12	88.66	74.00	14.66	peak		No Limit
6	X	5532.400	74.16	2.12	76.28	74.00	2.28	AVG		No Limit
7		5728.800	48.38	2.43	50.81	68.20	-17.39	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/18
Test Frequency	5610MHz	Polarization	Vertical

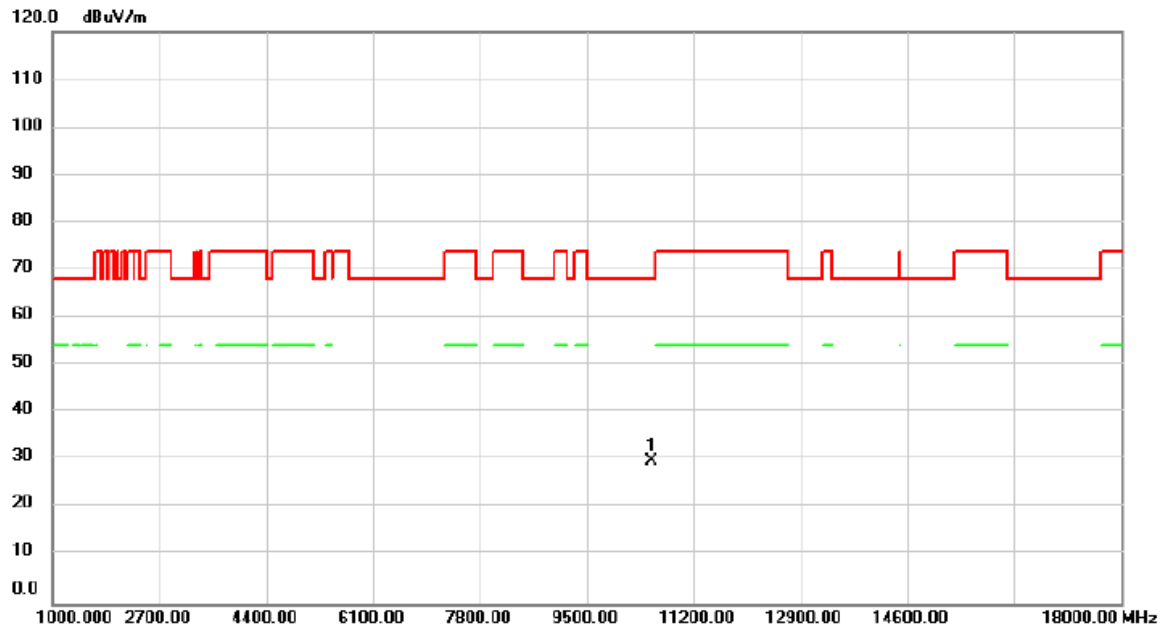


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		5454.800	50.95	2.05	53.00	74.00	-21.00	peak		
2		5454.800	36.02	2.05	38.07	54.00	-15.93	AVG		
3		5467.200	51.18	2.05	53.23	68.20	-14.97	peak		
4	*	5635.600	88.28	2.28	90.56	74.00	16.56	peak		No Limit
5	X	5635.600	75.11	2.28	77.39	74.00	3.39	AVG		No Limit
6		5725.600	57.15	2.42	59.57	68.20	-8.63	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Vertical

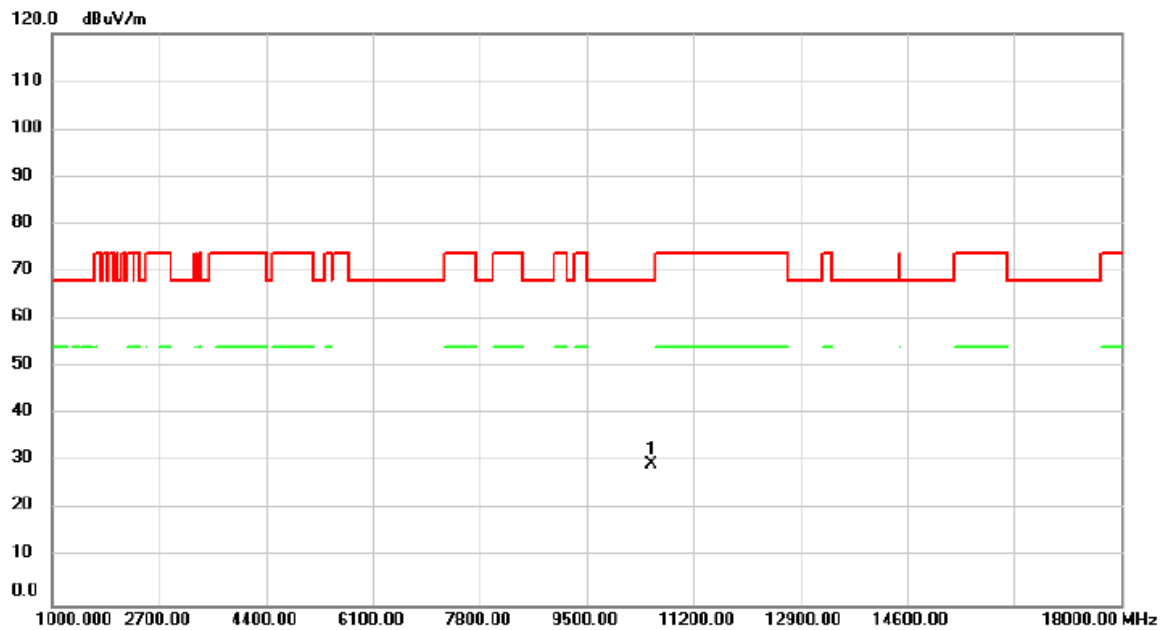


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10520.00	30.19	-0.44	29.75	68.20	-38.45	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Horizontal

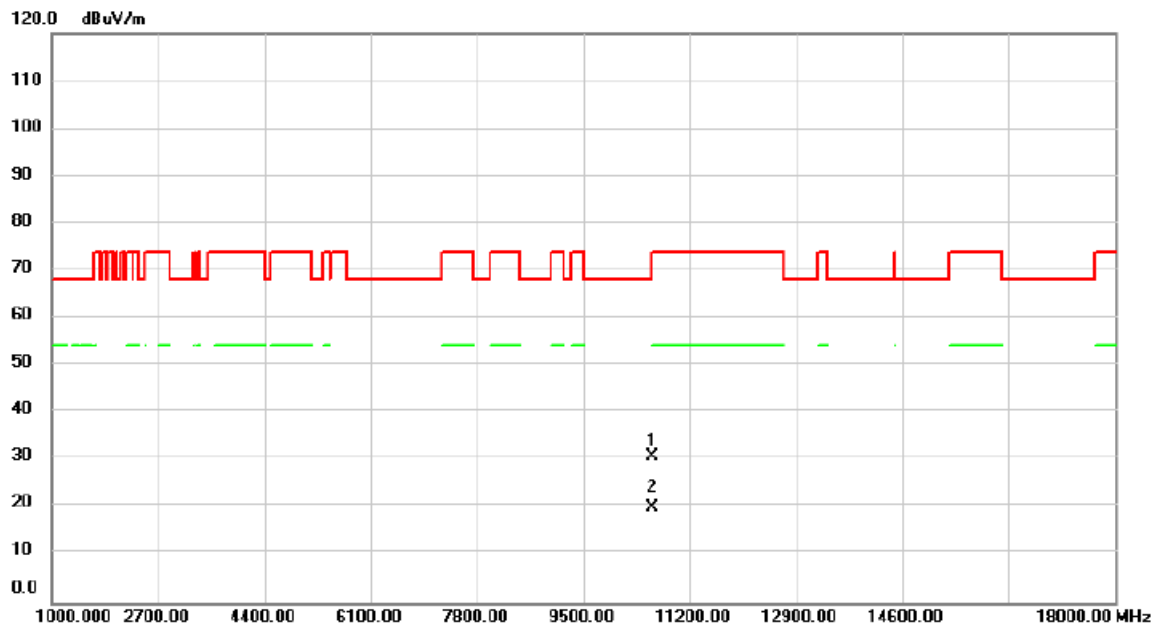


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10520.00	30.05	-0.44	29.61	68.20	-38.59	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5300MHz	Polarization	Vertical

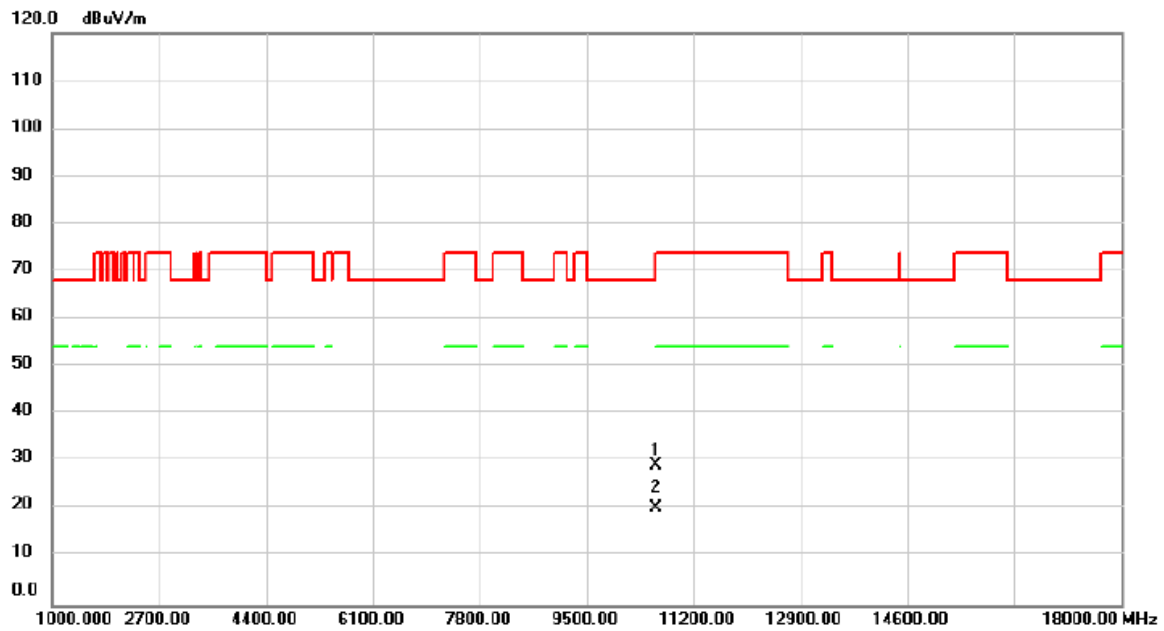


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10600.00	31.21	-0.41	30.80	68.20	-37.40	peak		
2	*	10600.00	20.33	-0.41	19.92	54.00	-34.08	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5300MHz	Polarization	Horizontal

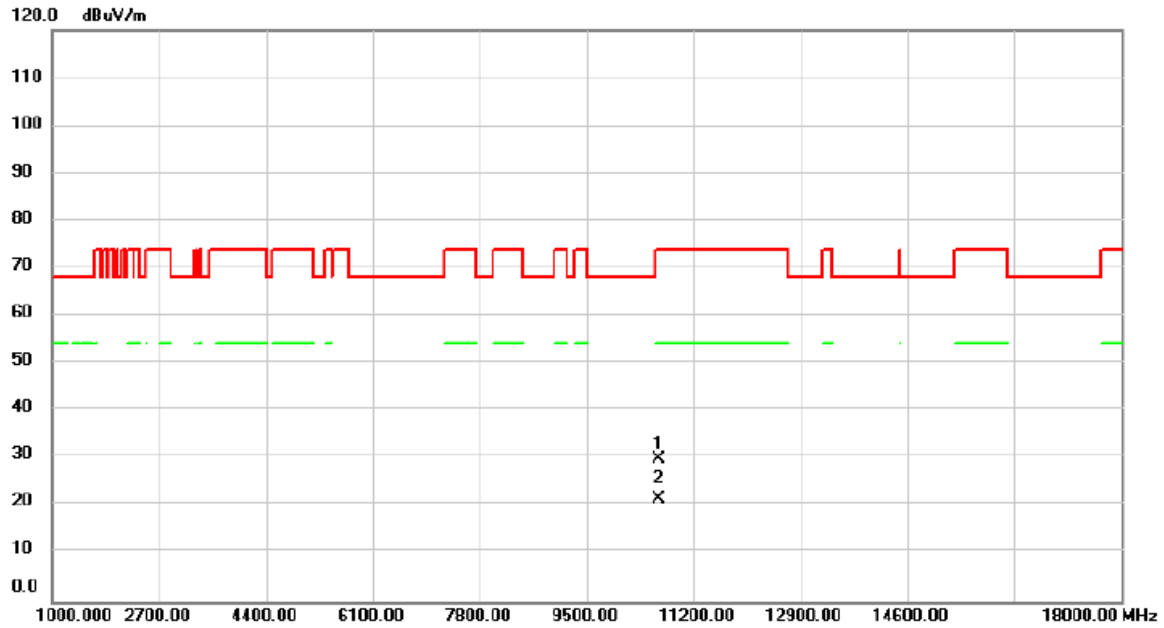


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		10600.00	29.71	-0.41	29.30	68.20	-38.90	peak		
2	*	10600.00	20.55	-0.41	20.14	54.00	-33.86	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Vertical

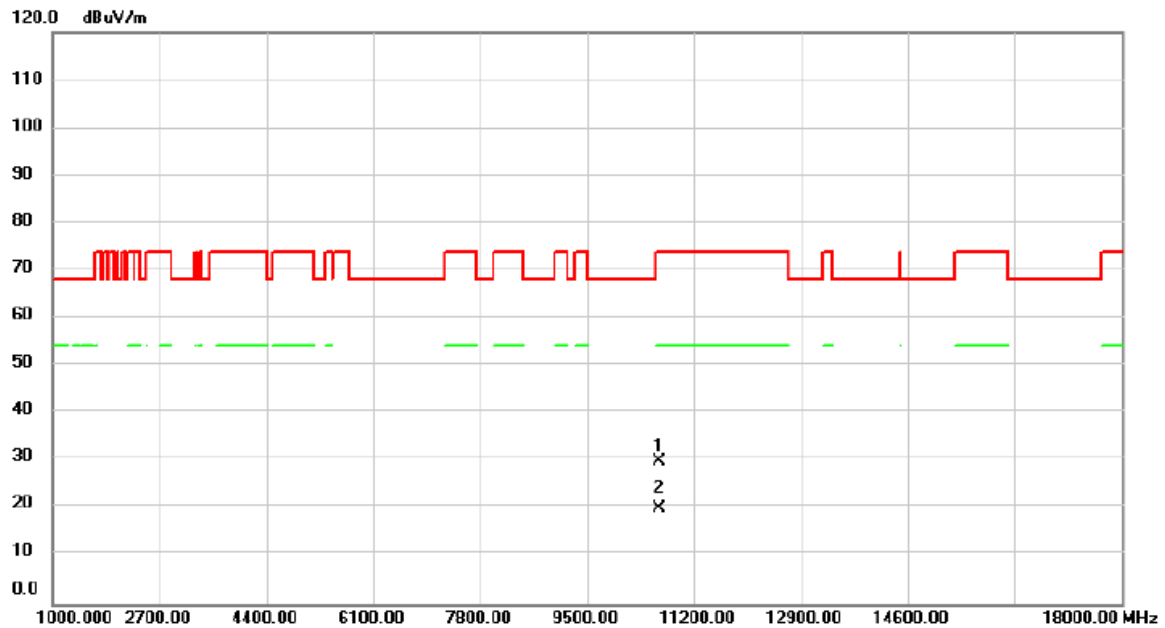


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		10640.00	30.28	-0.41	29.87	74.00	-44.13	peak		
2	*	10640.00	21.98	-0.41	21.57	54.00	-32.43	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Horizontal

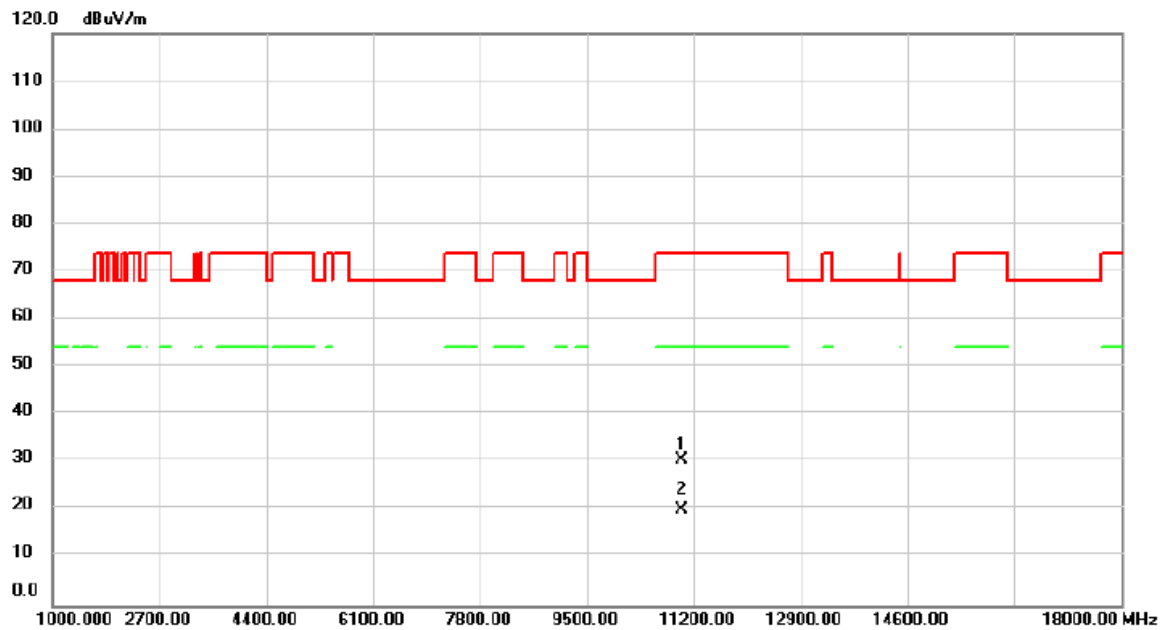


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		10640.00	30.19	-0.41	29.78	74.00	-44.22	peak			
2	*	10640.00	20.33	-0.41	19.92	54.00	-34.08	AVG			

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Vertical

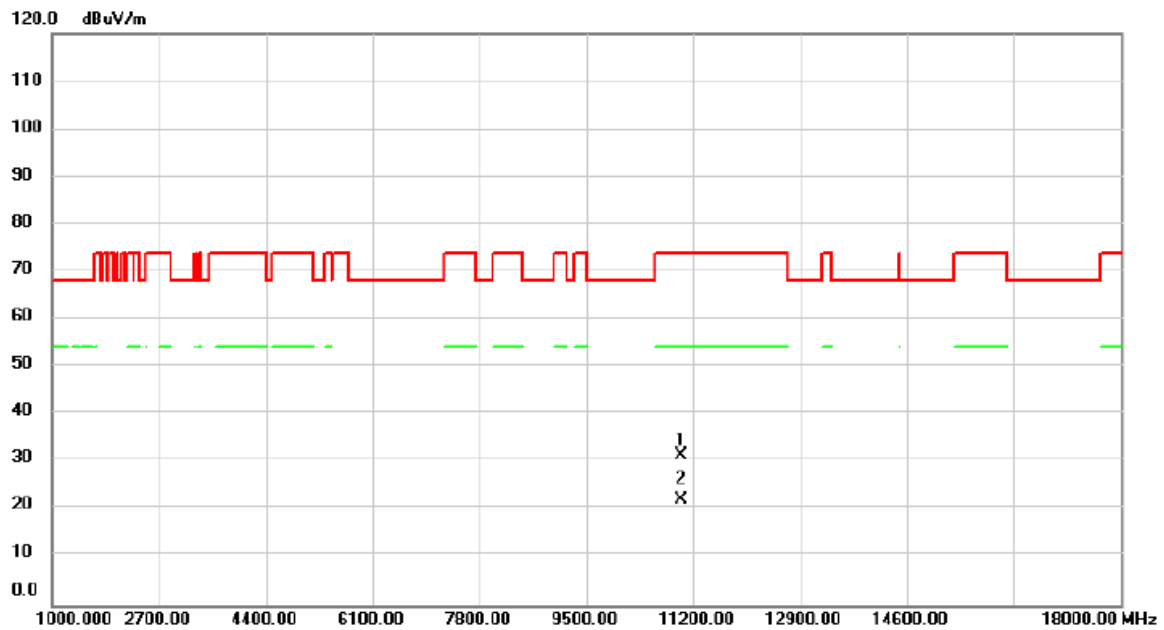


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11000.00	30.77	-0.27	30.50	74.00	-43.50	peak		
2	*	11000.00	20.15	-0.27	19.88	54.00	-34.12	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Horizontal

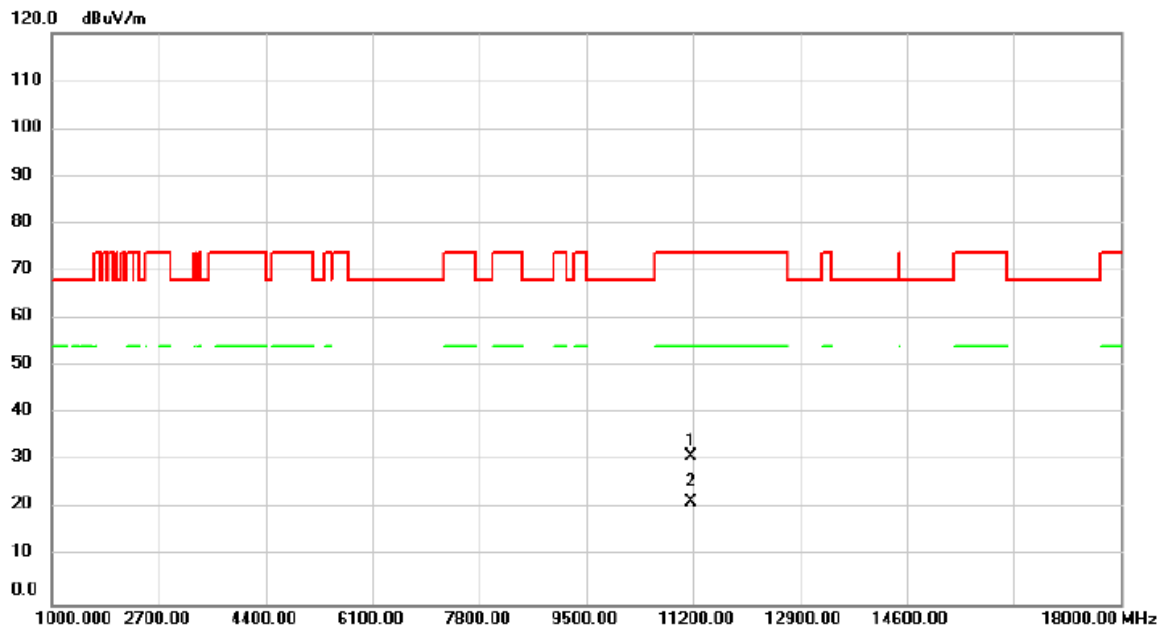


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		11000.00	31.75	-0.27	31.48	74.00	-42.52	peak		
2	*	11000.00	22.33	-0.27	22.06	54.00	-31.94	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5580MHz	Polarization	Vertical

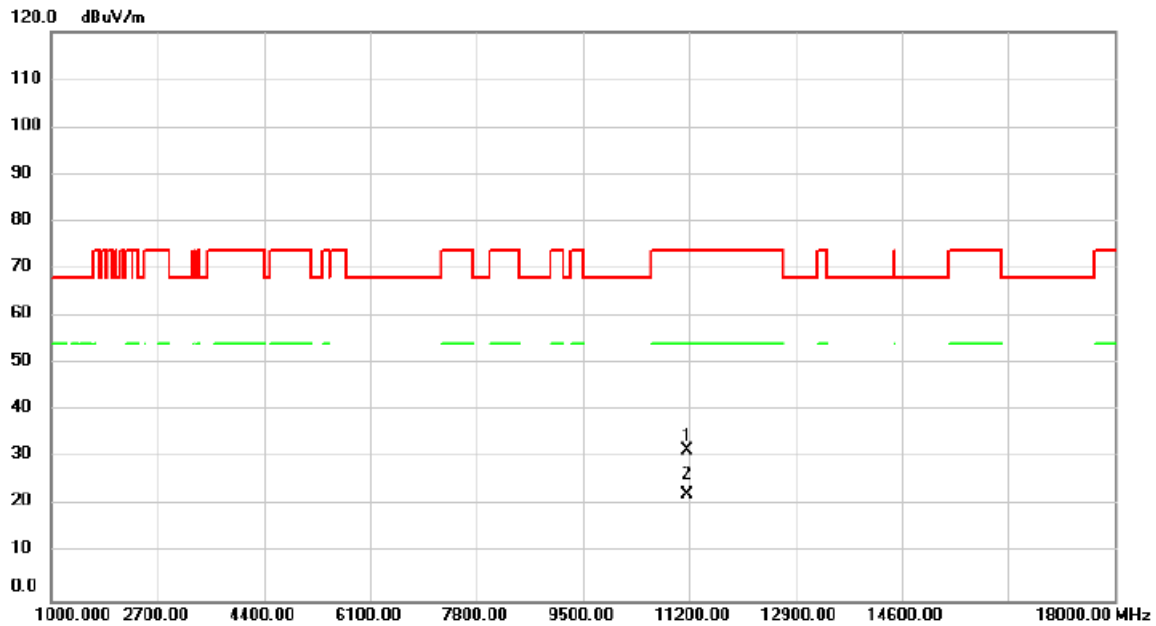


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11160.00	30.99	0.08	31.07	74.00	-42.93	peak		
2	*	11160.00	21.36	0.08	21.44	54.00	-32.56	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5580MHz	Polarization	Horizontal

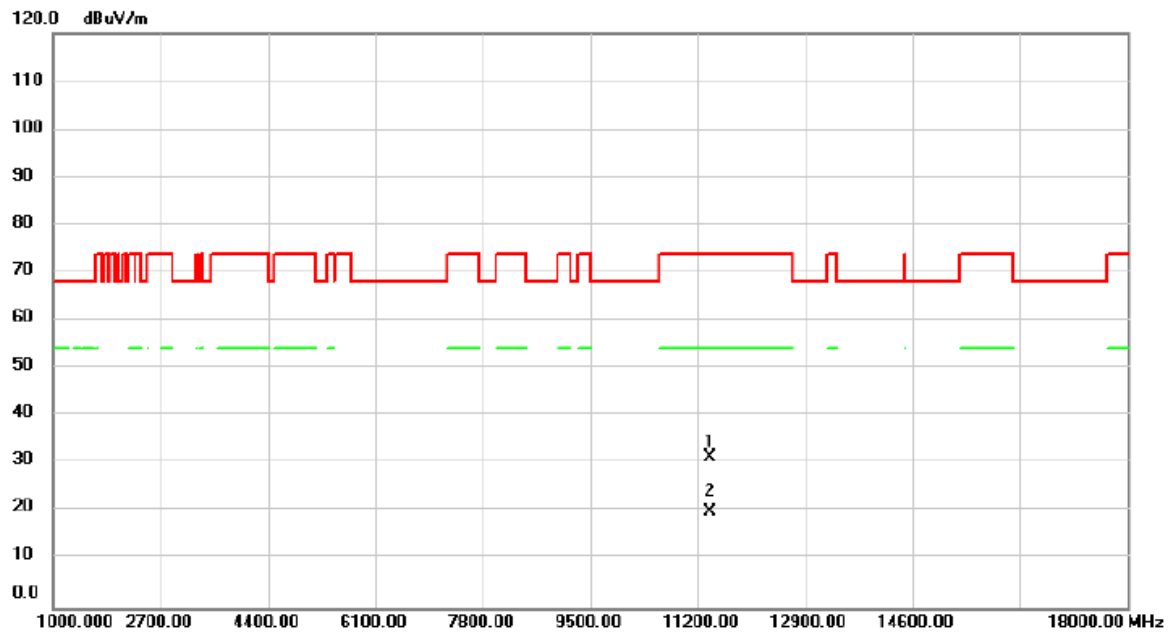


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		11160.00	31.50	0.08	31.58	74.00	-42.42	peak		
2	*	11160.00	22.36	0.08	22.44	54.00	-31.56	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Vertical

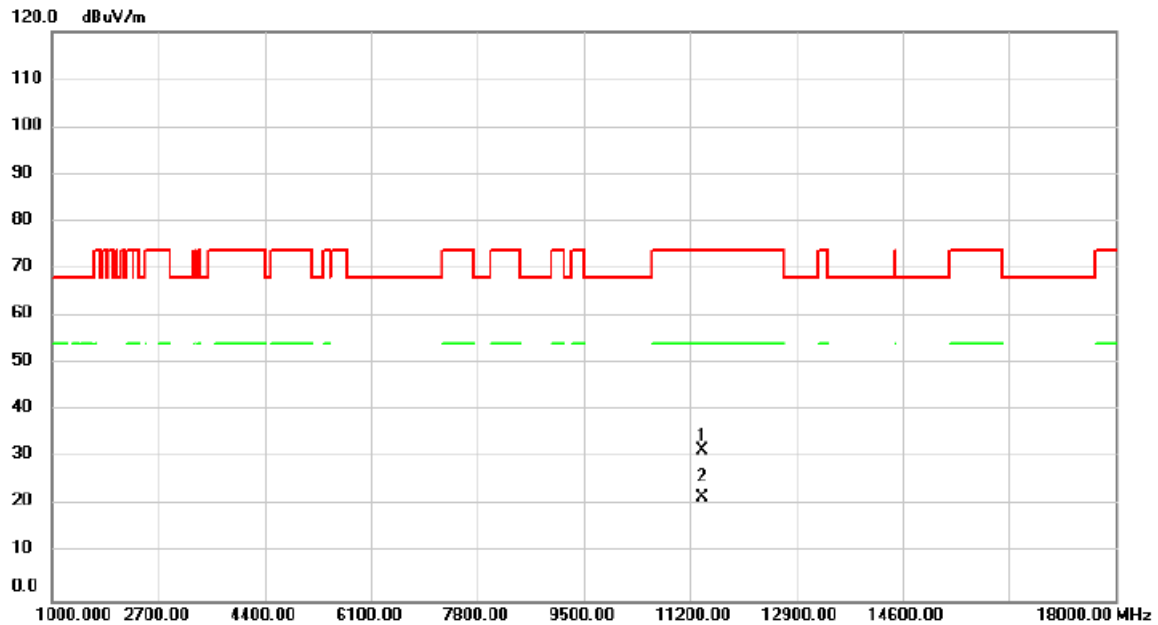


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11400.00	30.61	0.61	31.22	74.00	-42.78	peak		
2	*	11400.00	19.31	0.61	19.92	54.00	-34.08	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Horizontal

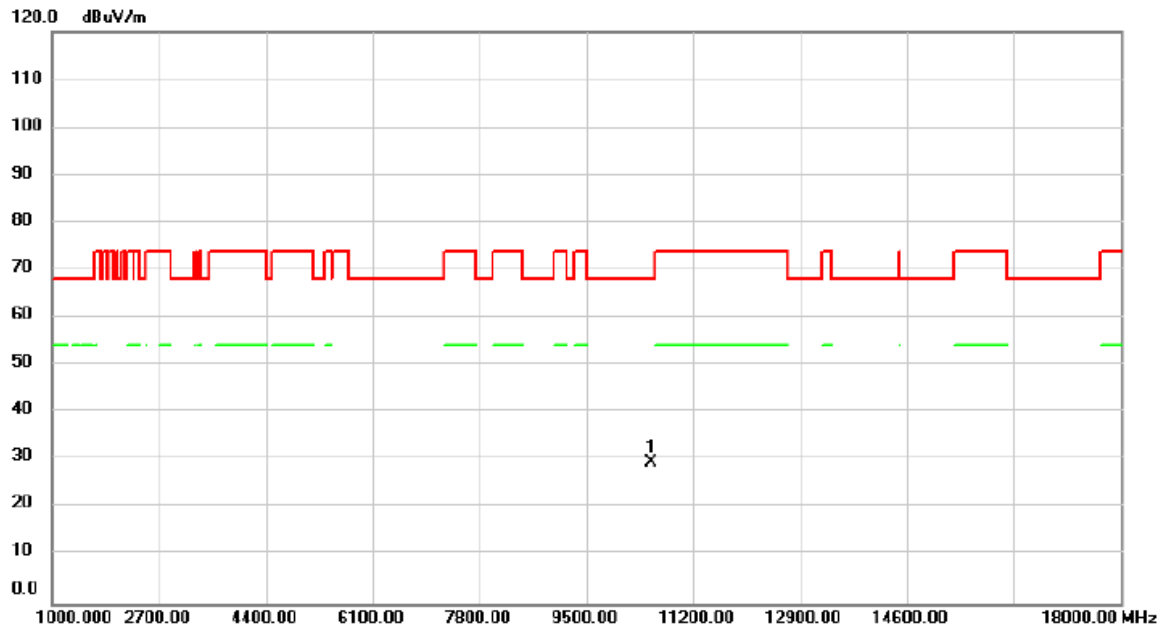


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11400.00	31.02	0.61	31.63	74.00	-42.37			peak
2	*	11400.00	21.02	0.61	21.63	54.00	-32.37			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Vertical

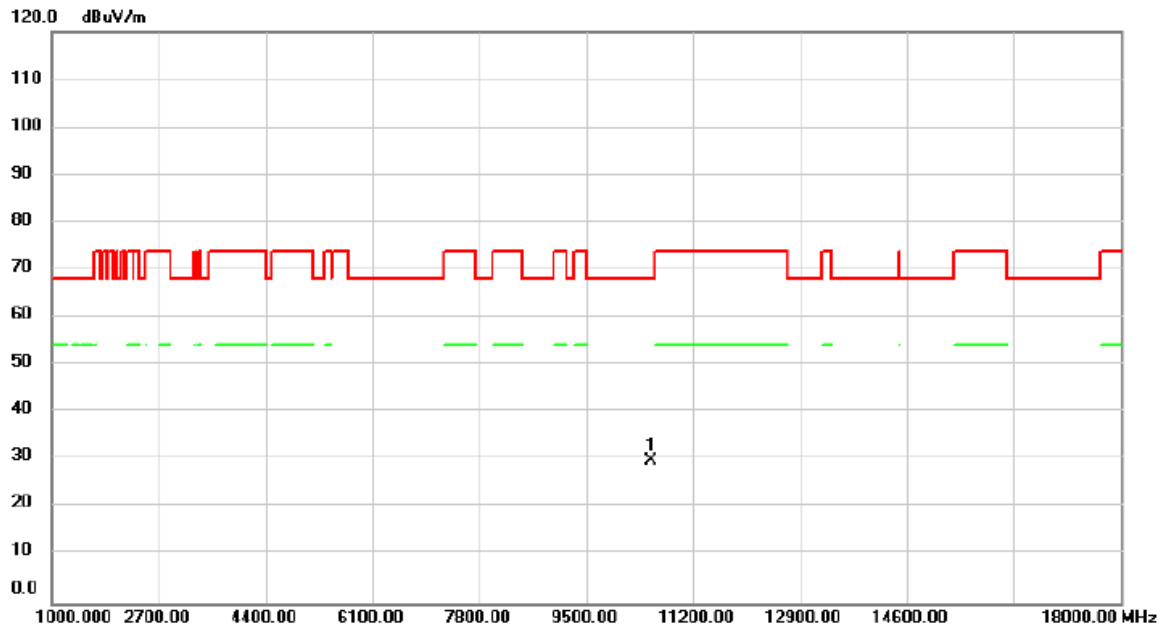


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10520.00	30.00	-0.44	29.56	68.20	-38.64	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Horizontal

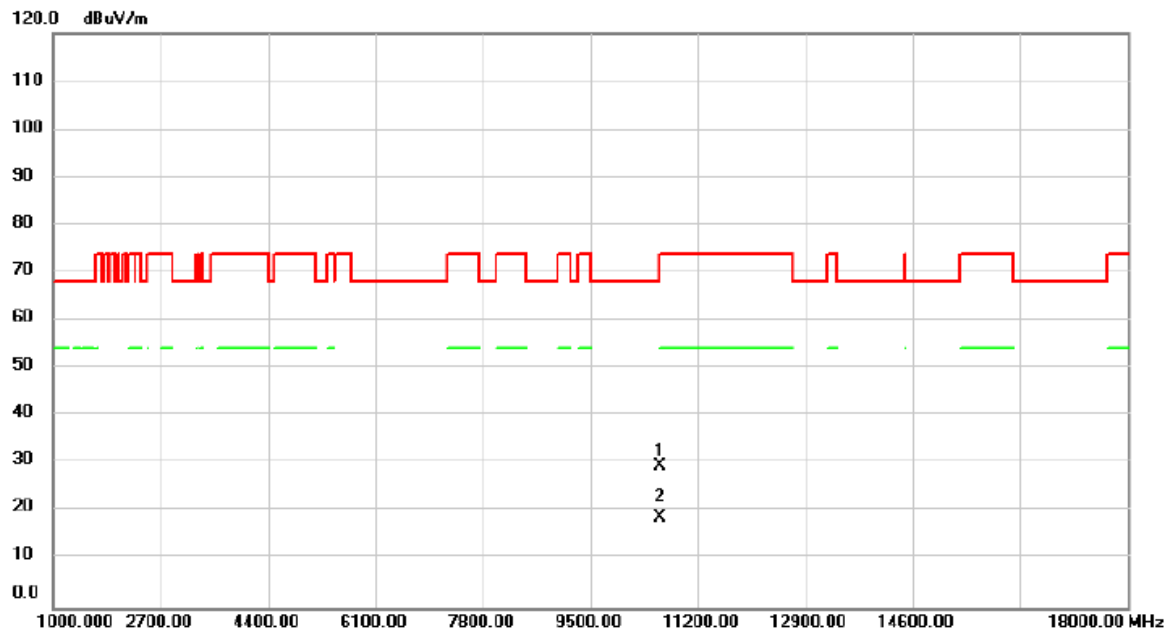


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10520.00	30.22	-0.44	29.78	68.20	-38.42	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5300MHz	Polarization	Vertical

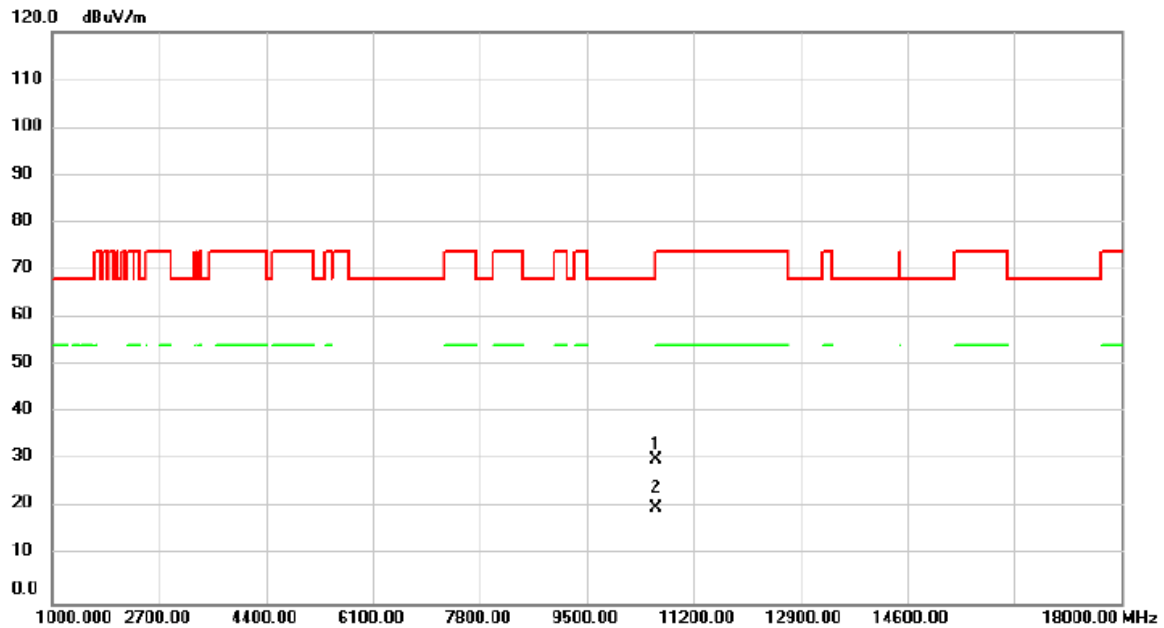


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10600.00	29.91	-0.41	29.50	68.20	-38.70	peak		
2	*	10600.00	19.25	-0.41	18.84	54.00	-35.16	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5300MHz	Polarization	Horizontal

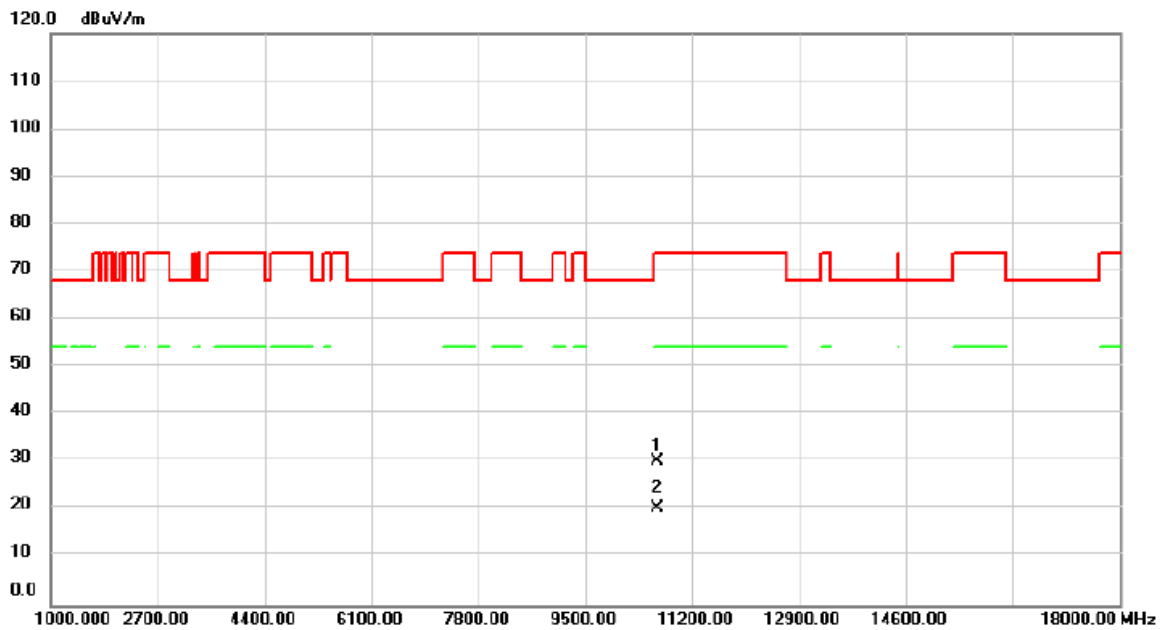


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		10600.00	30.54	-0.41	30.13	68.20	-38.07	peak			
2	*	10600.00	20.42	-0.41	20.01	54.00	-33.99	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Vertical

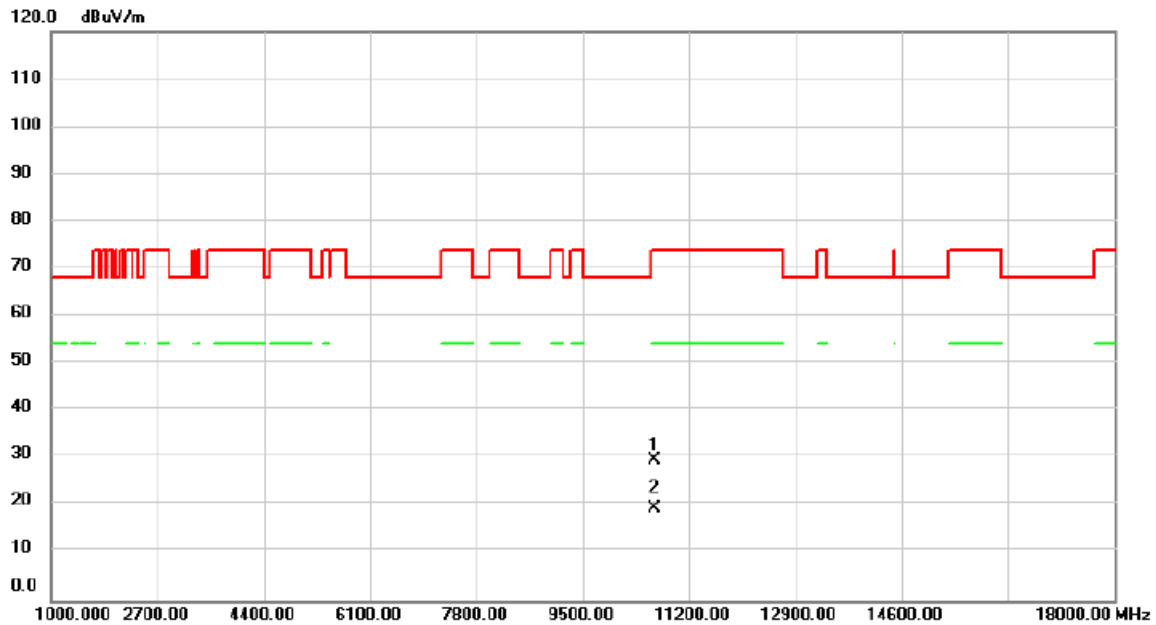


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		10640.00	30.43	-0.41	30.02	74.00	-43.98	peak			
2	*	10640.00	20.74	-0.41	20.33	54.00	-33.67	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Horizontal

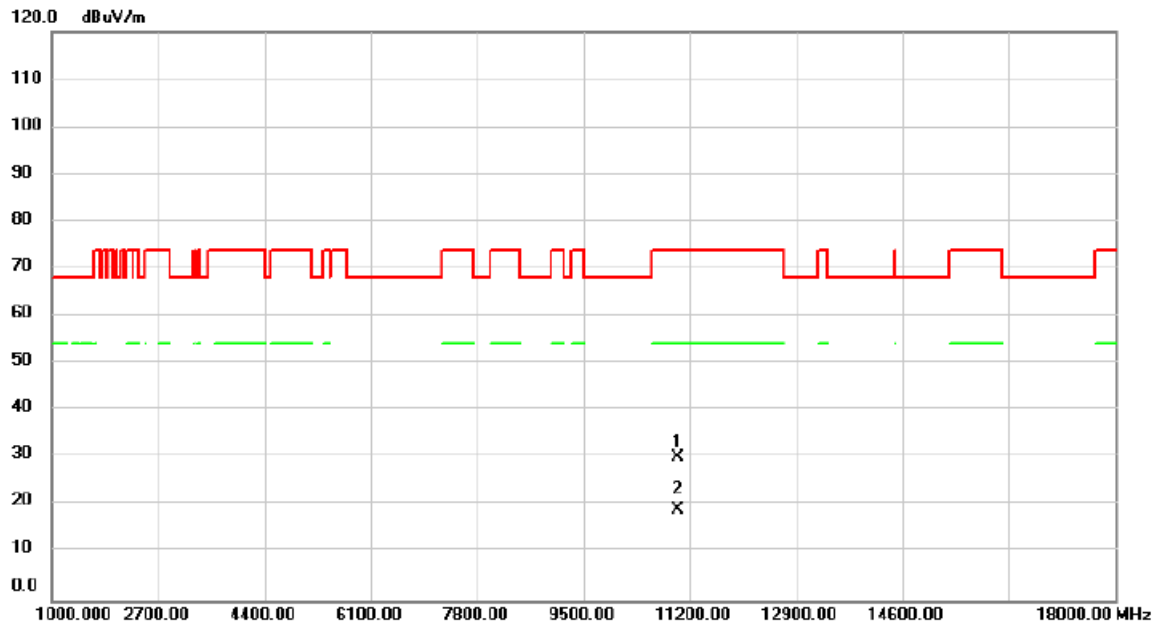


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		10640.00	29.99	-0.41	29.58	74.00	-44.42	peak		
2	*	10640.00	19.87	-0.41	19.46	54.00	-34.54	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Vertical

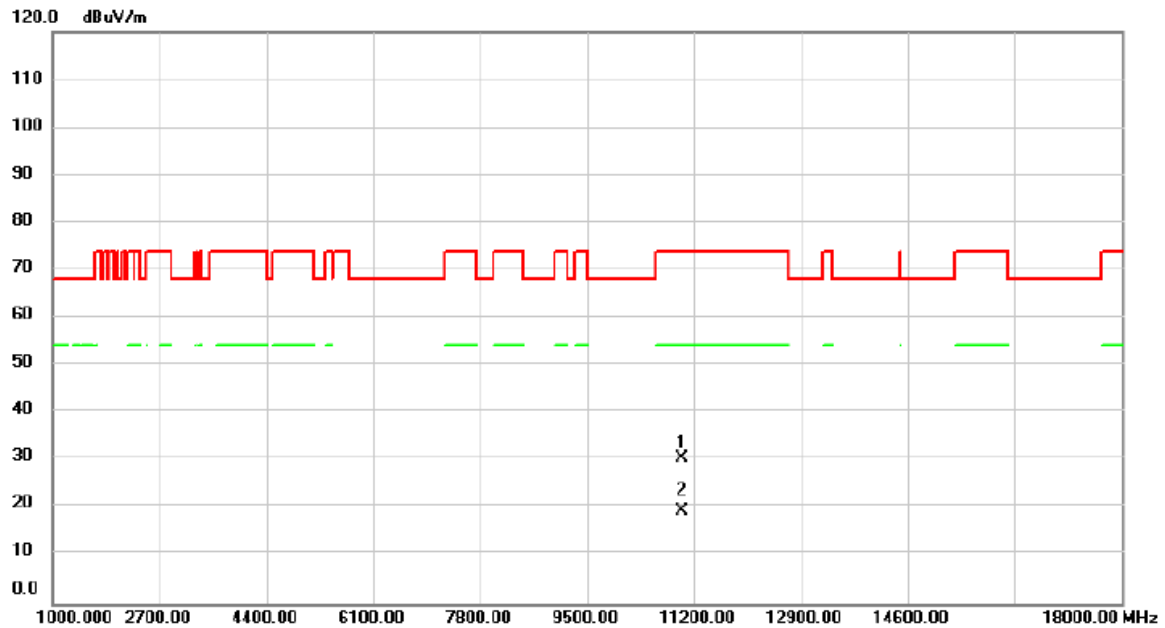


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11000.00	30.31	-0.27	30.04	74.00	-43.96	peak		
2	*	11000.00	19.24	-0.27	18.97	54.00	-35.03	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Horizontal

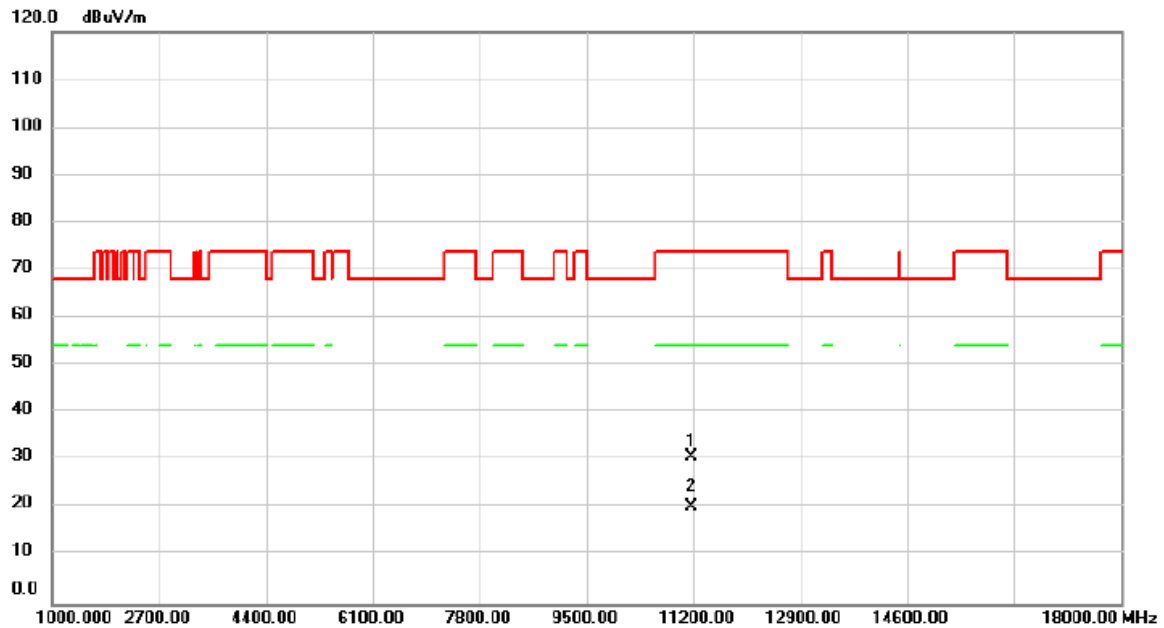


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		11000.00	30.78	-0.27	30.51	74.00	-43.49	peak		
2	*	11000.00	19.56	-0.27	19.29	54.00	-34.71	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5580MHz	Polarization	Vertical

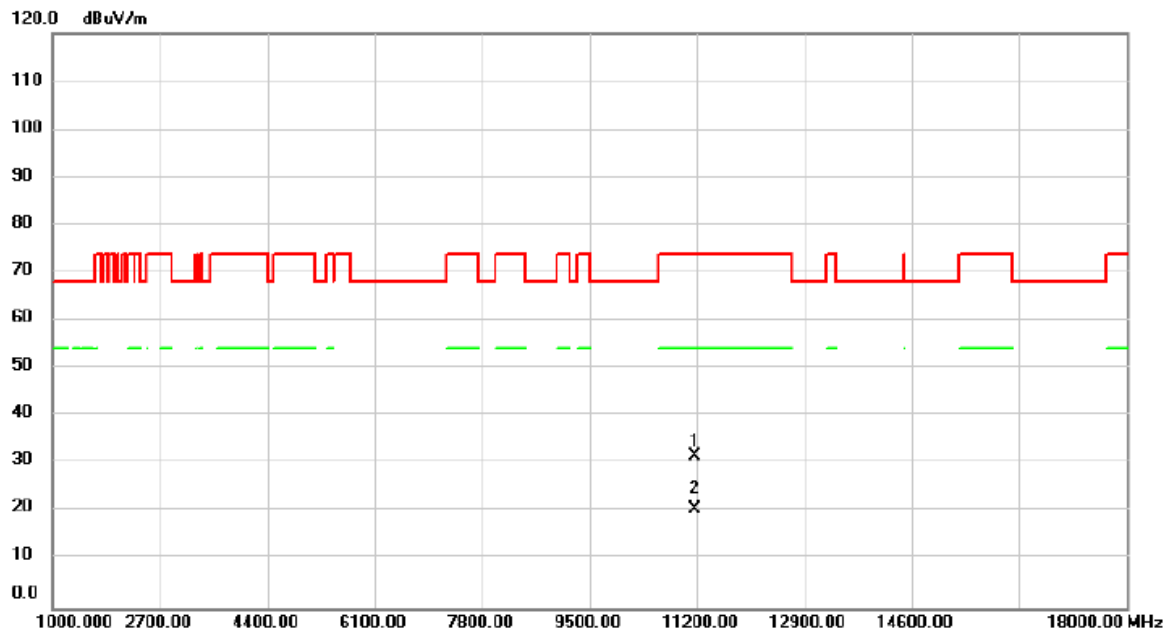


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		11160.00	30.72	0.08	30.80	74.00	-43.20	peak			
2	*	11160.00	20.31	0.08	20.39	54.00	-33.61	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5580MHz	Polarization	Horizontal

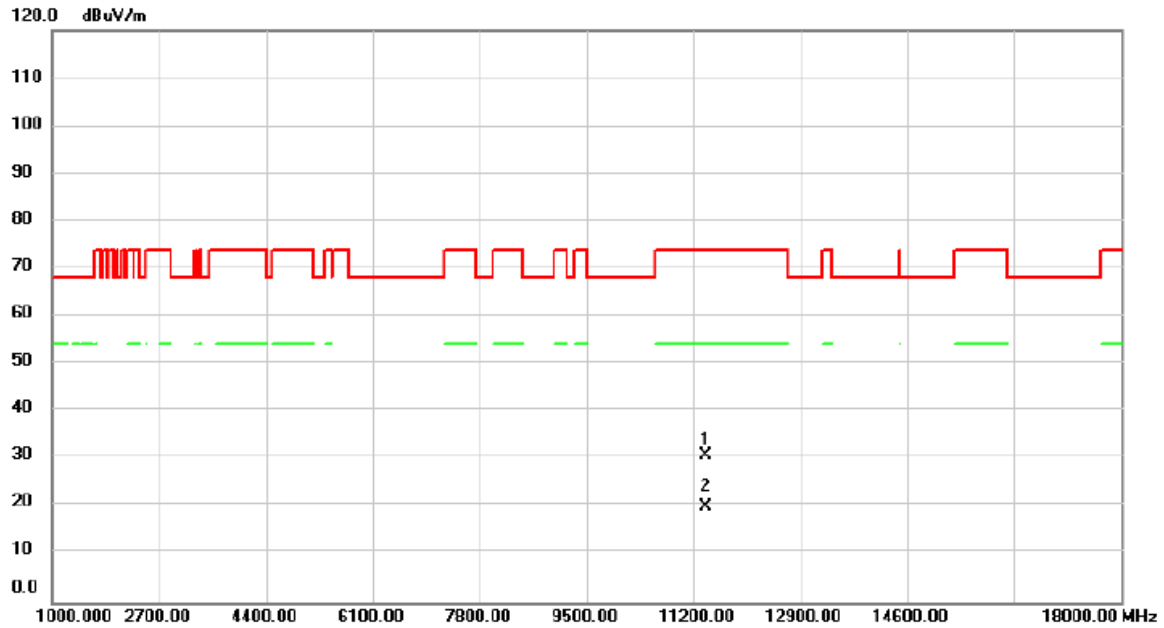


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11160.00	31.46	0.08	31.54	74.00	-42.46	peak		
2	*	11160.00	20.55	0.08	20.63	54.00	-33.37	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Vertical

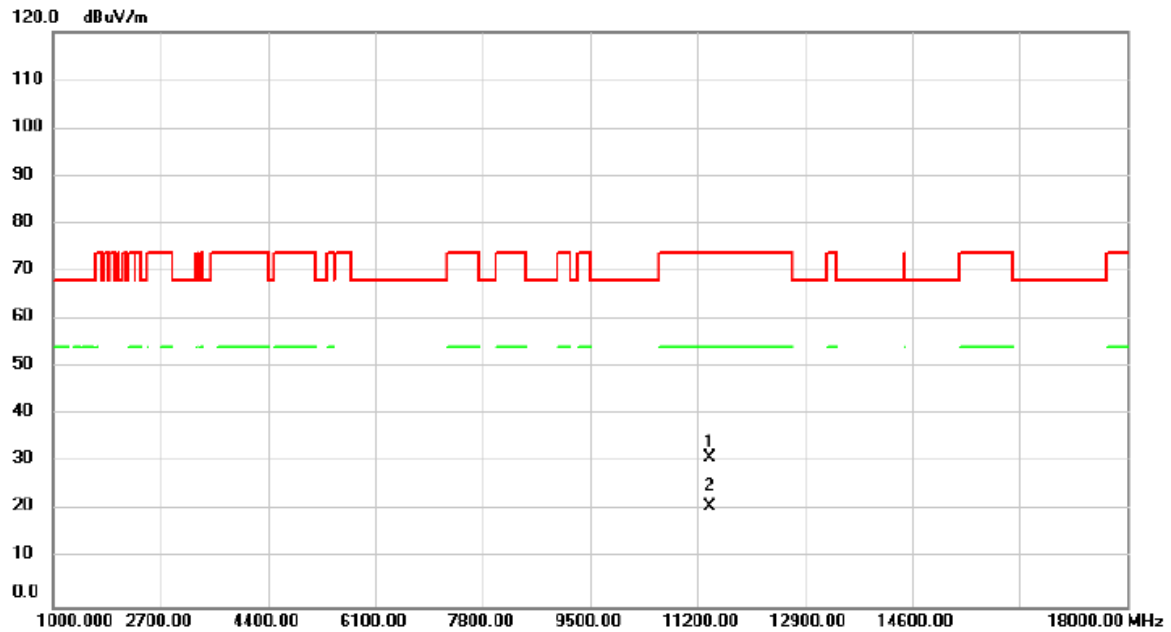


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11400.00	30.02	0.61	30.63	74.00	-43.37	peak		
2	*	11400.00	19.23	0.61	19.84	54.00	-34.16	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Horizontal

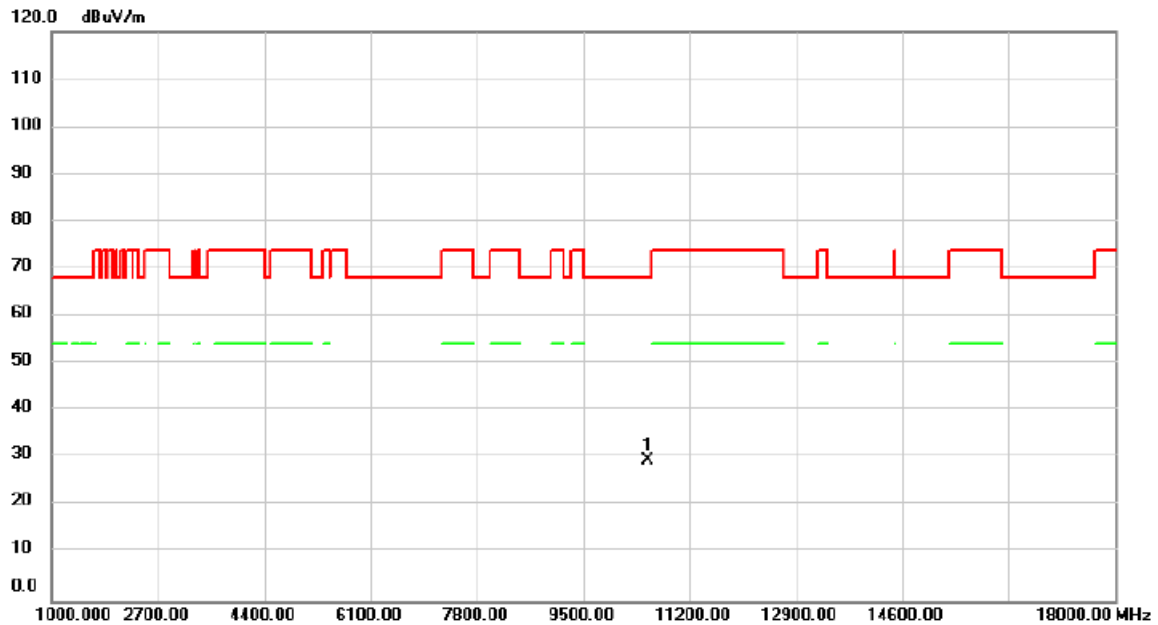


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11400.00	30.35	0.61	30.96	74.00	-43.04	peak		
2	*	11400.00	20.15	0.61	20.76	54.00	-33.24	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5270MHz	Polarization	Vertical

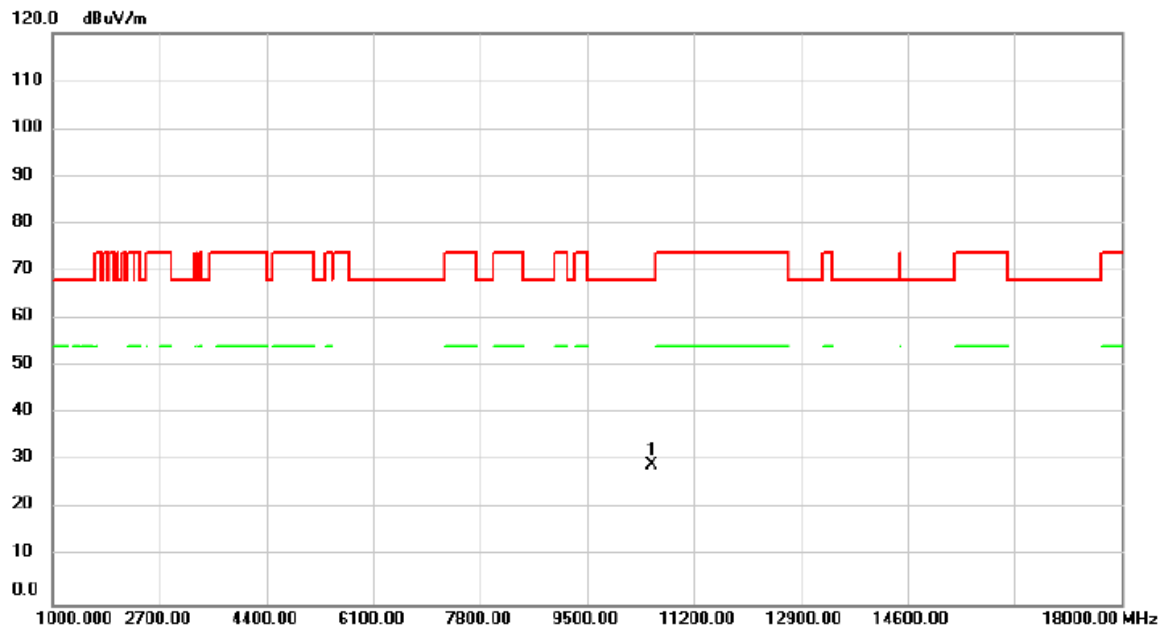


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10540.00	29.97	-0.44	29.53	68.20	-38.67	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5270MHz	Polarization	Horizontal

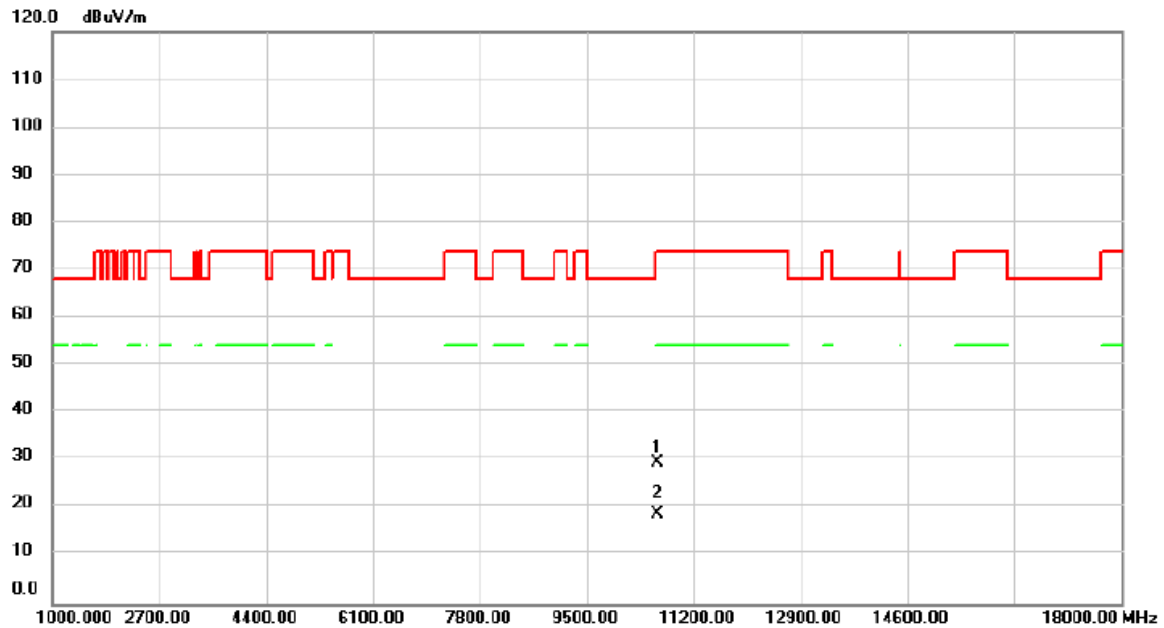


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10540.00	29.83	-0.44	29.39	68.20	-38.81	peak		Comment

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5310MHz	Polarization	Vertical

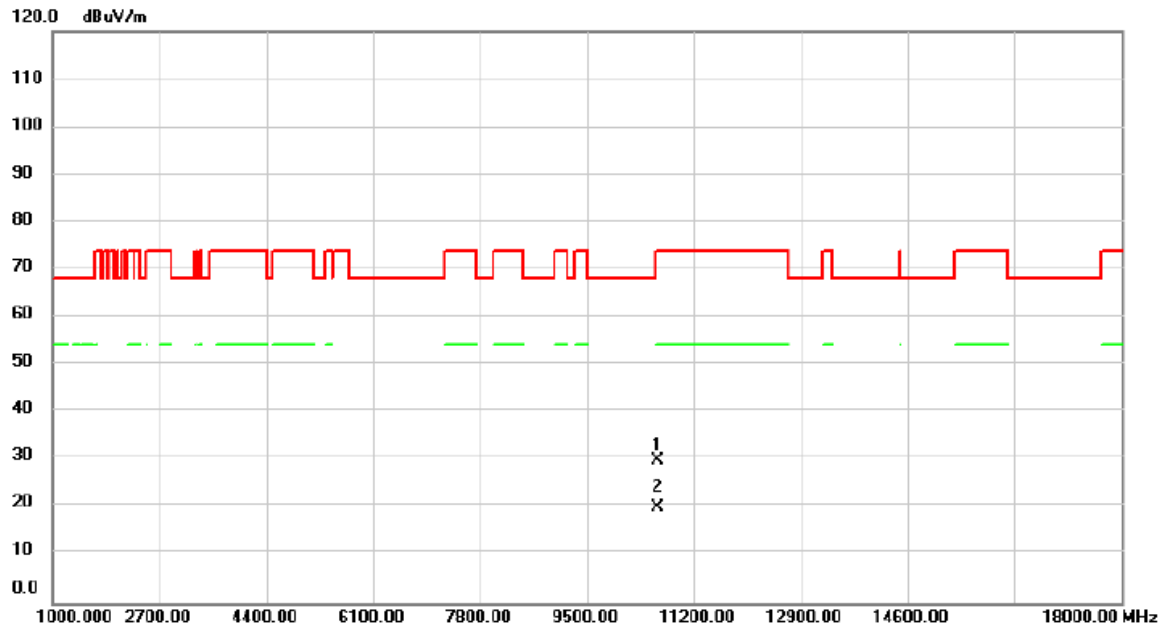


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10620.00	30.10	-0.40	29.70	74.00	-44.30	peak		
2	*	10620.00	19.23	-0.40	18.83	54.00	-35.17	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5310MHz	Polarization	Horizontal

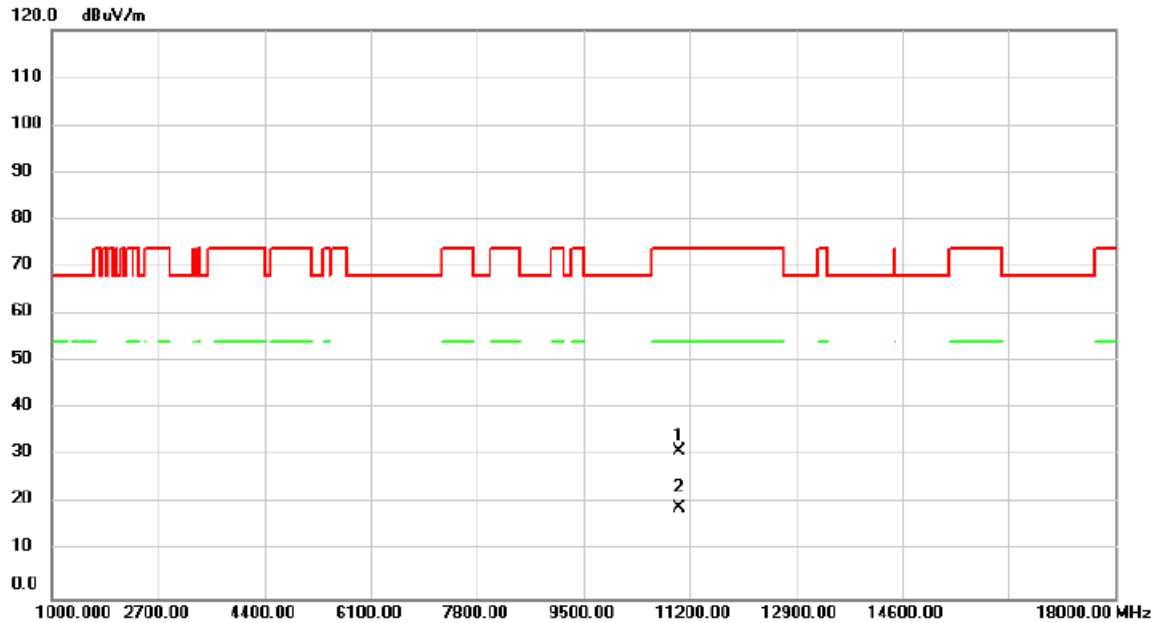


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10620.00	30.19	-0.40	29.79	74.00	-44.21	peak		
2	*	10620.00	20.21	-0.40	19.81	54.00	-34.19	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5510MHz	Polarization	Vertical

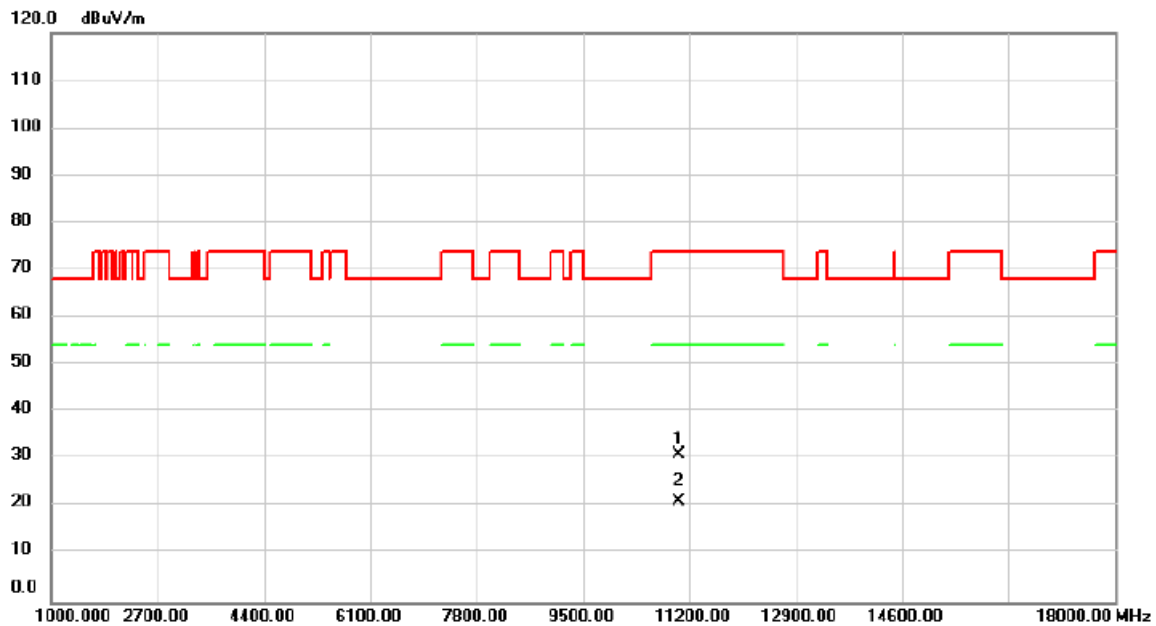


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11020.00	31.13	-0.22	30.91	74.00	-43.09	peak		
2	*	11020.00	19.24	-0.22	19.02	54.00	-34.98	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5510MHz	Polarization	Horizontal

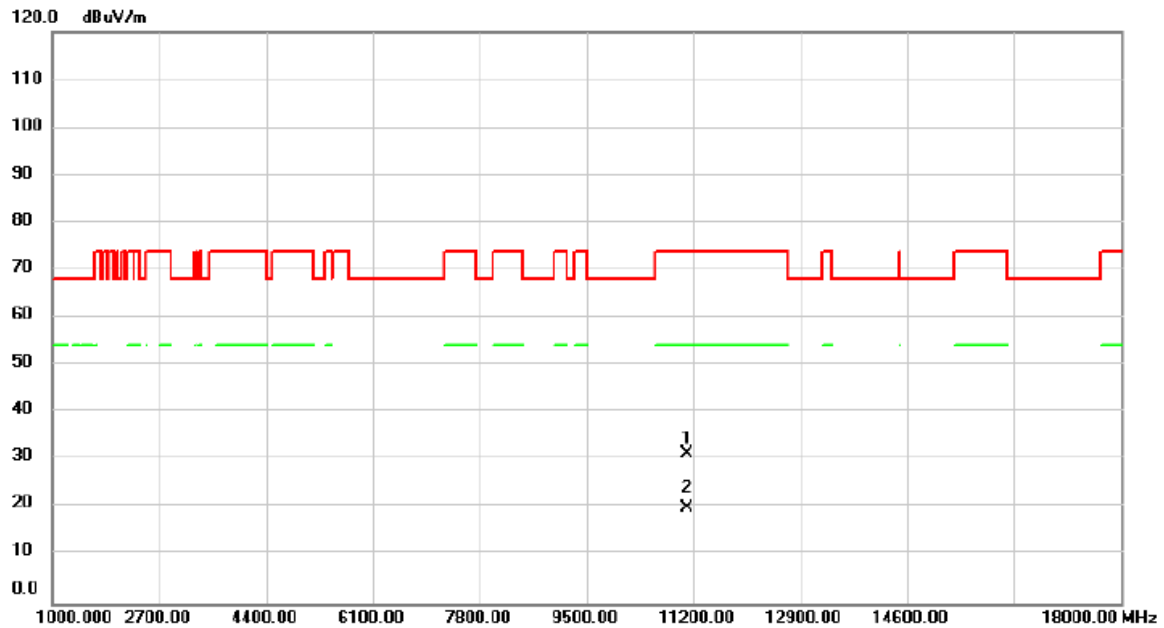


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		11020.00	31.29	-0.22	31.07	74.00	-42.93	peak			
2	*	11020.00	21.34	-0.22	21.12	54.00	-32.88	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5550MHz	Polarization	Vertical

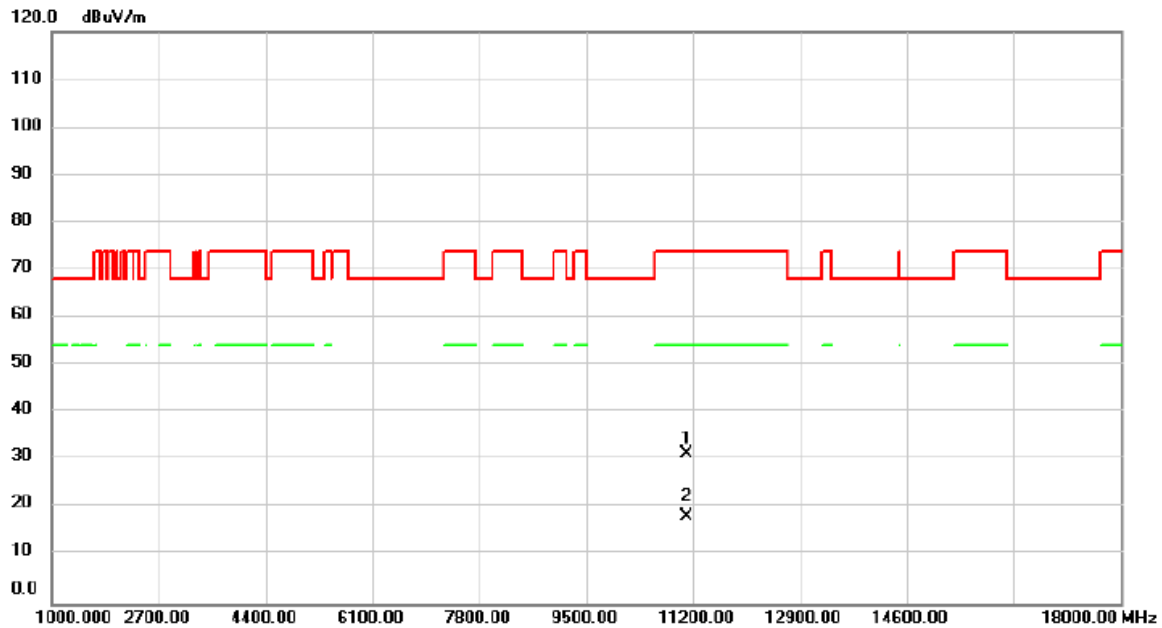


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11100.00	31.49	-0.04	31.45	74.00	-42.55	peak		
2	*	11100.00	19.87	-0.04	19.83	54.00	-34.17	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5550MHz	Polarization	Horizontal

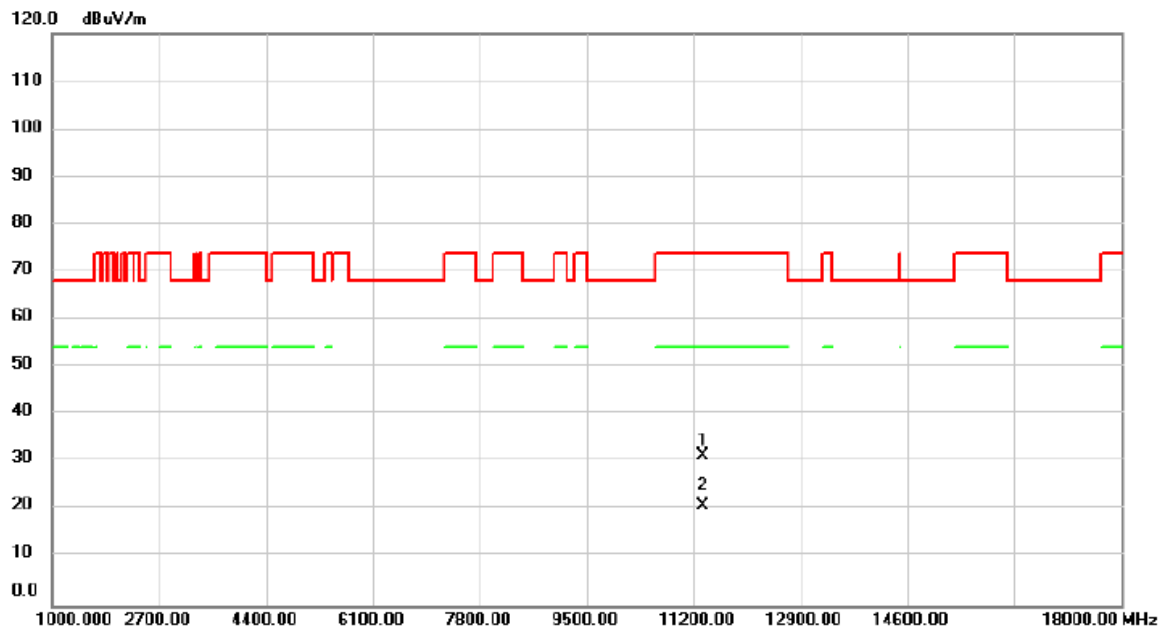


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11100.00	31.38	-0.04	31.34	74.00	-42.66	peak		
2	*	11100.00	18.26	-0.04	18.22	54.00	-35.78	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5670MHz	Polarization	Vertical

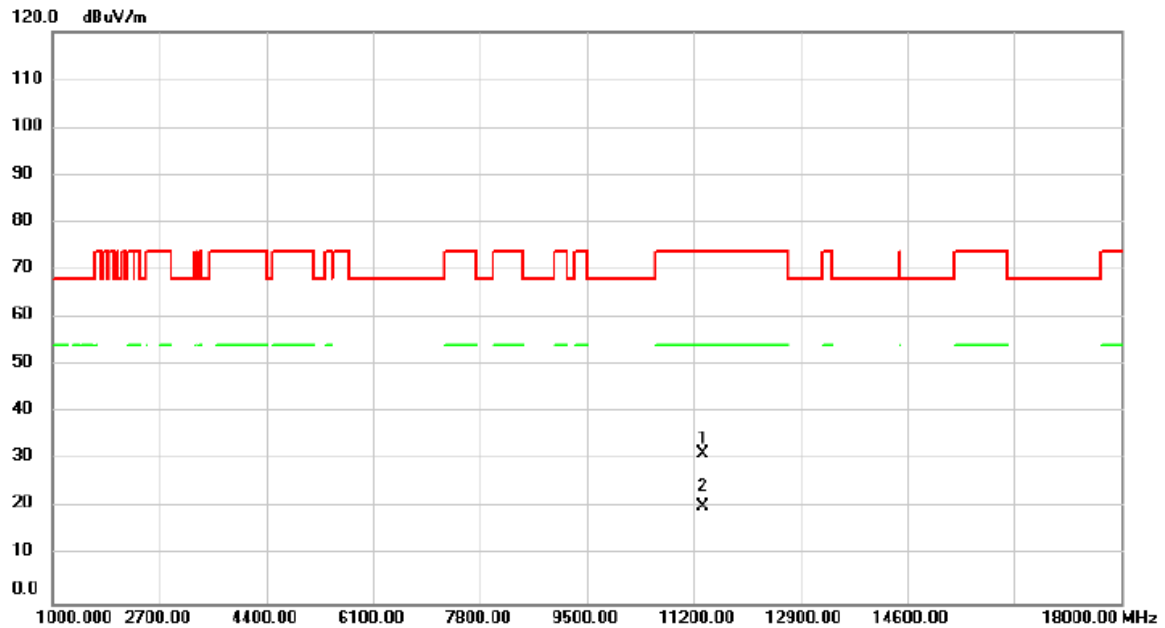


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		11340.00	30.74	0.49	31.23	74.00	-42.77	peak			
2	*	11340.00	20.47	0.49	20.96	54.00	-33.04	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/9/18
Test Frequency	5670MHz	Polarization	Horizontal

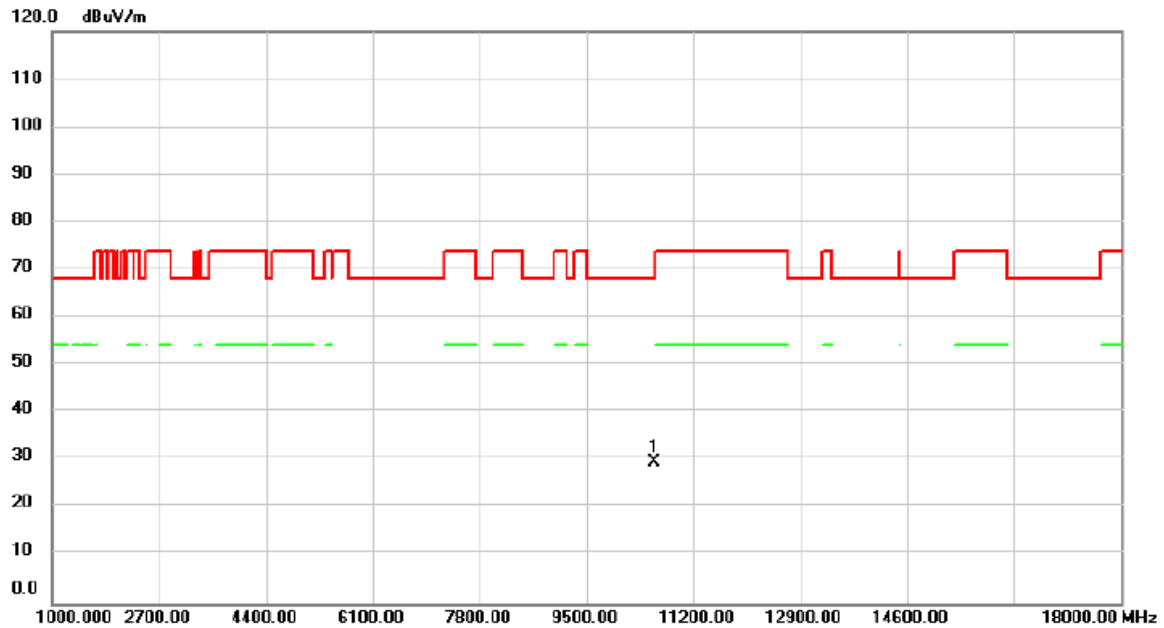


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11340.00	30.82	0.49	31.31	74.00	-42.69	peak		
2	*	11340.00	19.74	0.49	20.23	54.00	-33.77	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5290MHz	Polarization	Vertical

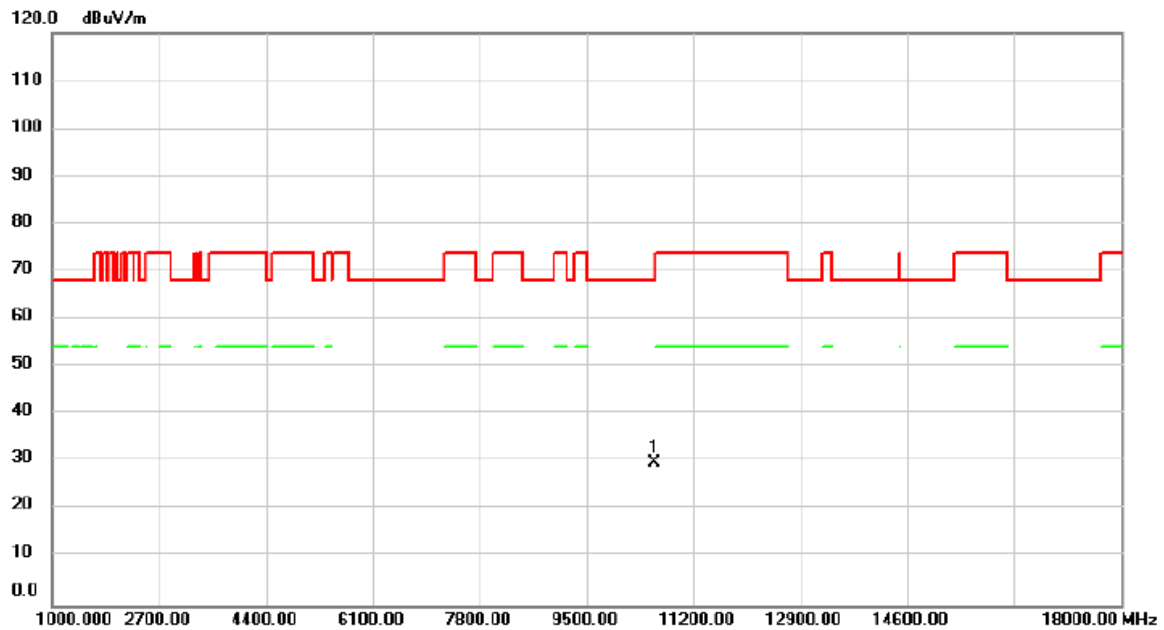


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10580.00	29.88	-0.42	29.46	68.20	-38.74	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5290MHz	Polarization	Horizontal

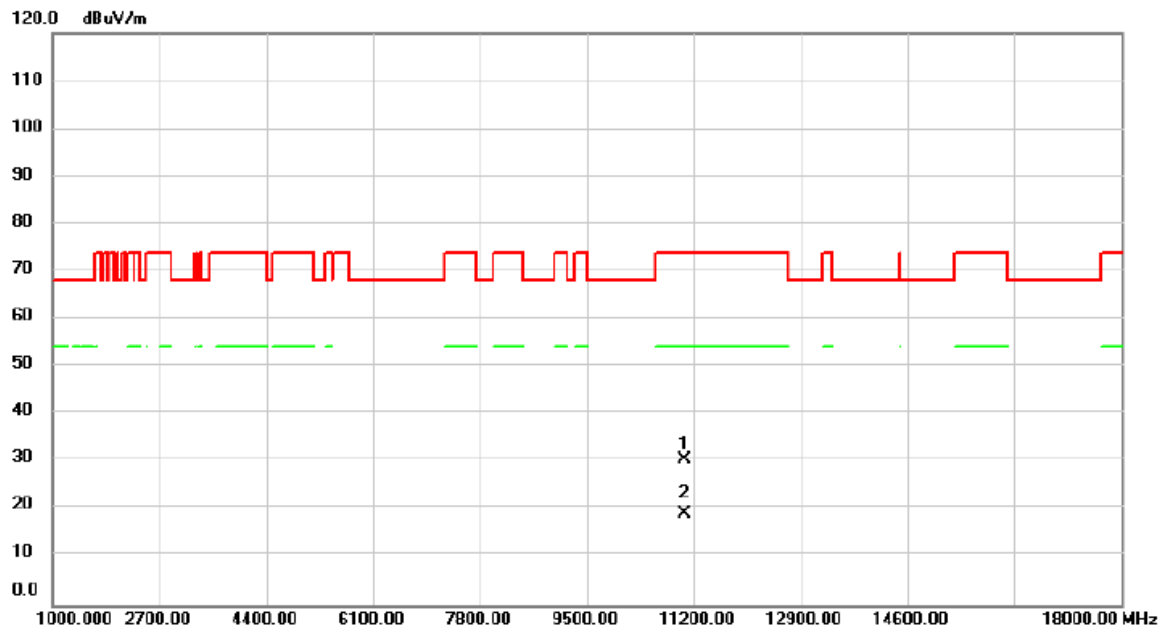


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10580.00	30.17	-0.42	29.75	68.20	-38.45	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5530MHz	Polarization	Vertical

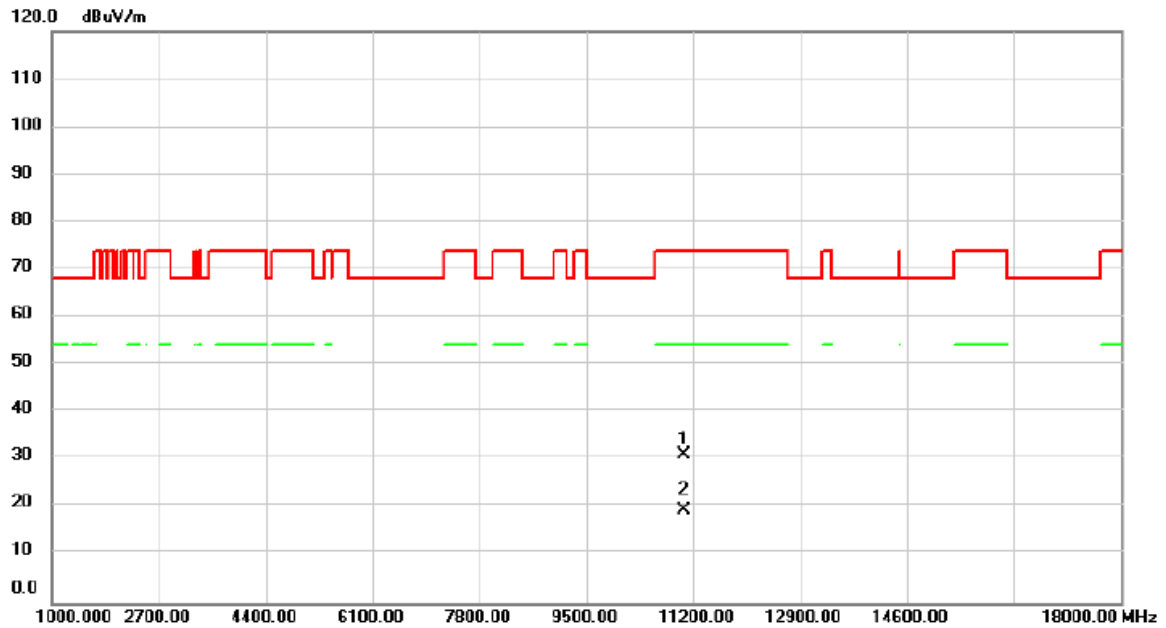


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11060.00	30.67	-0.13	30.54	74.00	-43.46			peak
2	*	11060.00	19.21	-0.13	19.08	54.00	-34.92			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5530MHz	Polarization	Horizontal

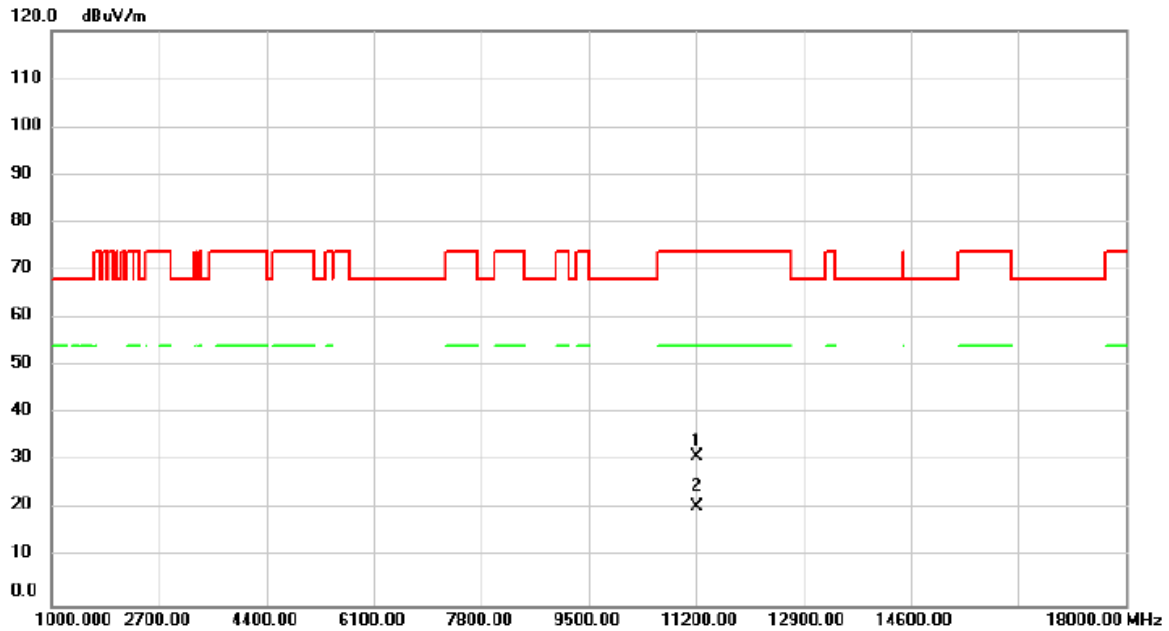


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11060.00	31.20	-0.13	31.07	74.00	-42.93	peak		
2	*	11060.00	19.56	-0.13	19.43	54.00	-34.57	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5610MHz	Polarization	Vertical

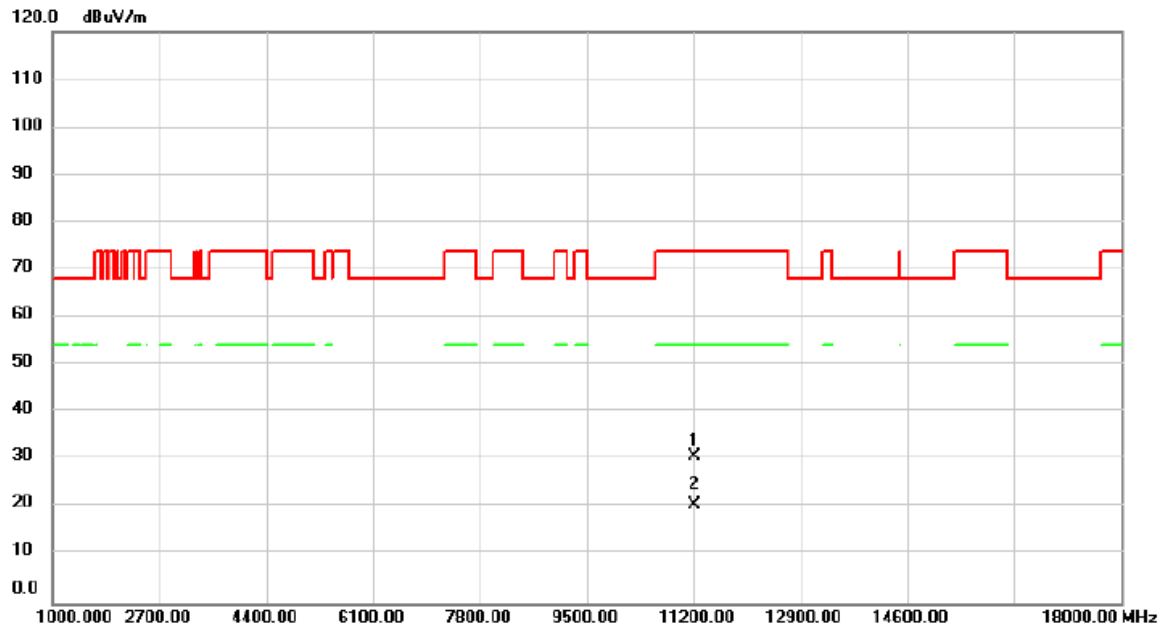


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11220.00	30.75	0.22	30.97	74.00	-43.03	peak		
2	*	11220.00	20.32	0.22	20.54	54.00	-33.46	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/9/18
Test Frequency	5610MHz	Polarization	Horizontal

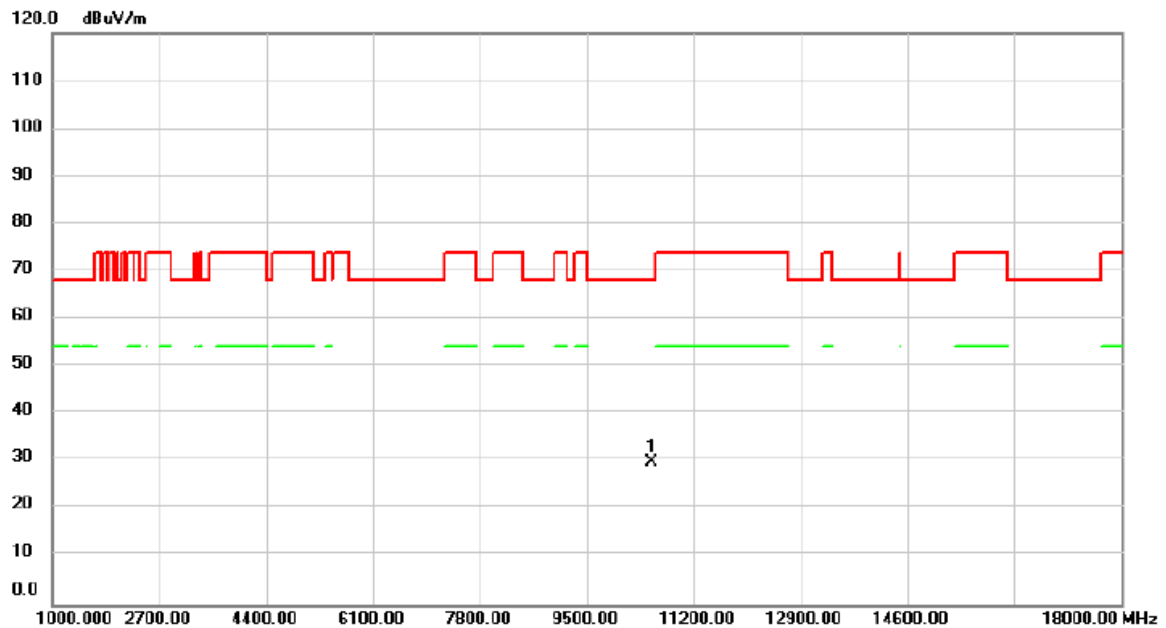


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11220.00	30.60	0.22	30.82	74.00	-43.18	peak		
2	*	11220.00	20.47	0.22	20.69	54.00	-33.31	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Vertical

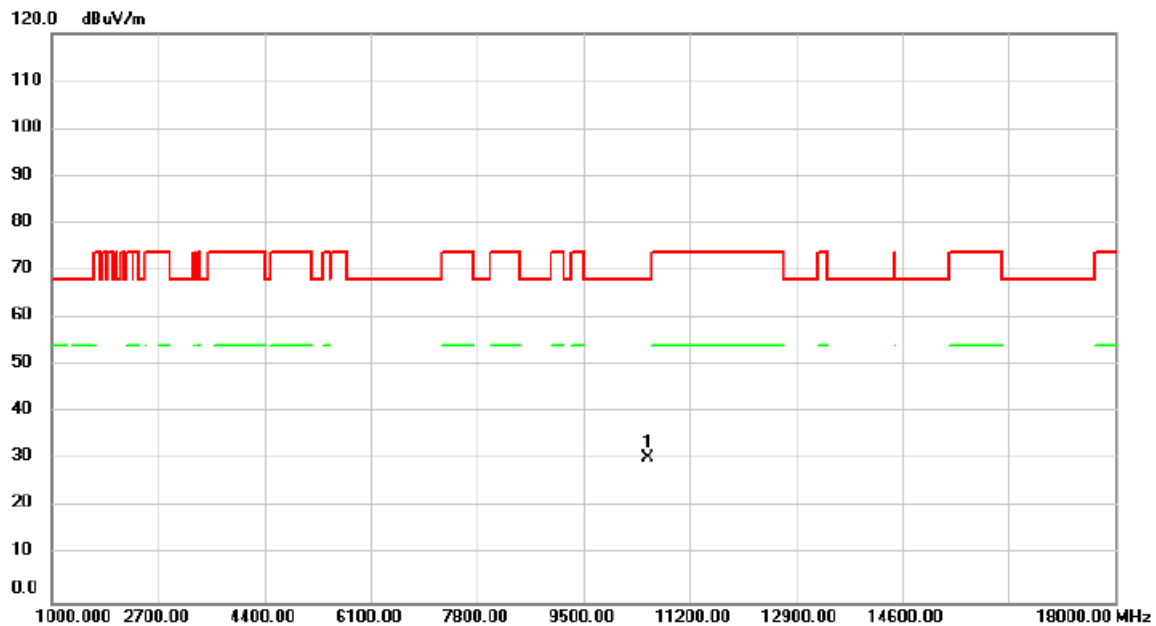


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10520.00	30.42	-0.44	29.98	68.20	-38.22	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5260MHz	Polarization	Horizontal

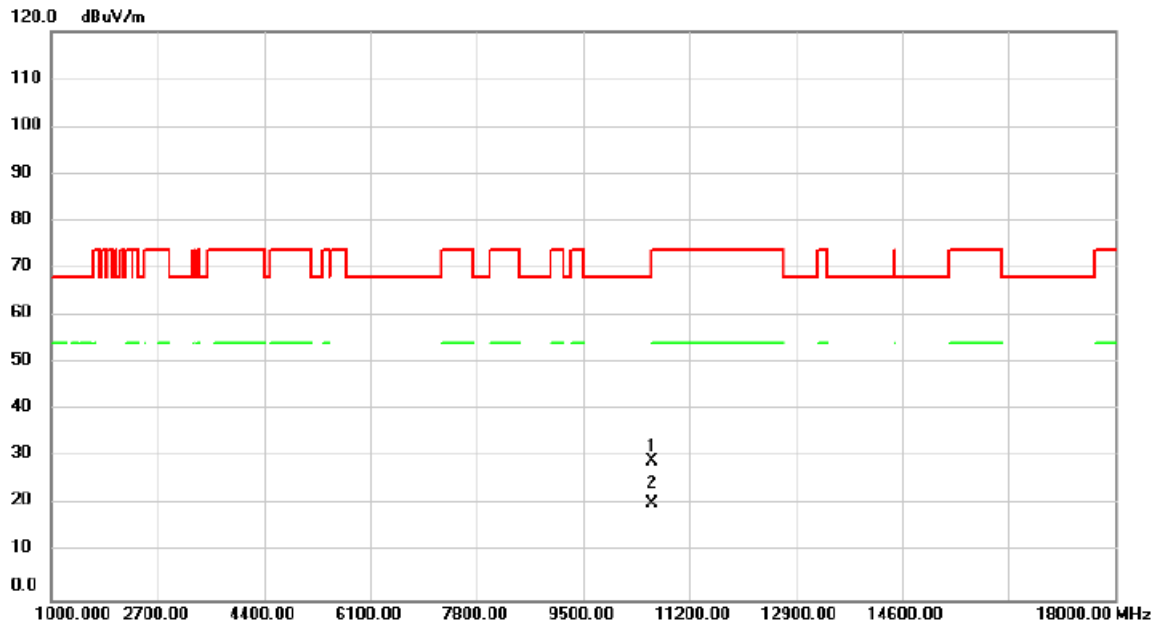


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10520.00	30.86	-0.44	30.42	68.20	-37.78	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5300MHz	Polarization	Vertical

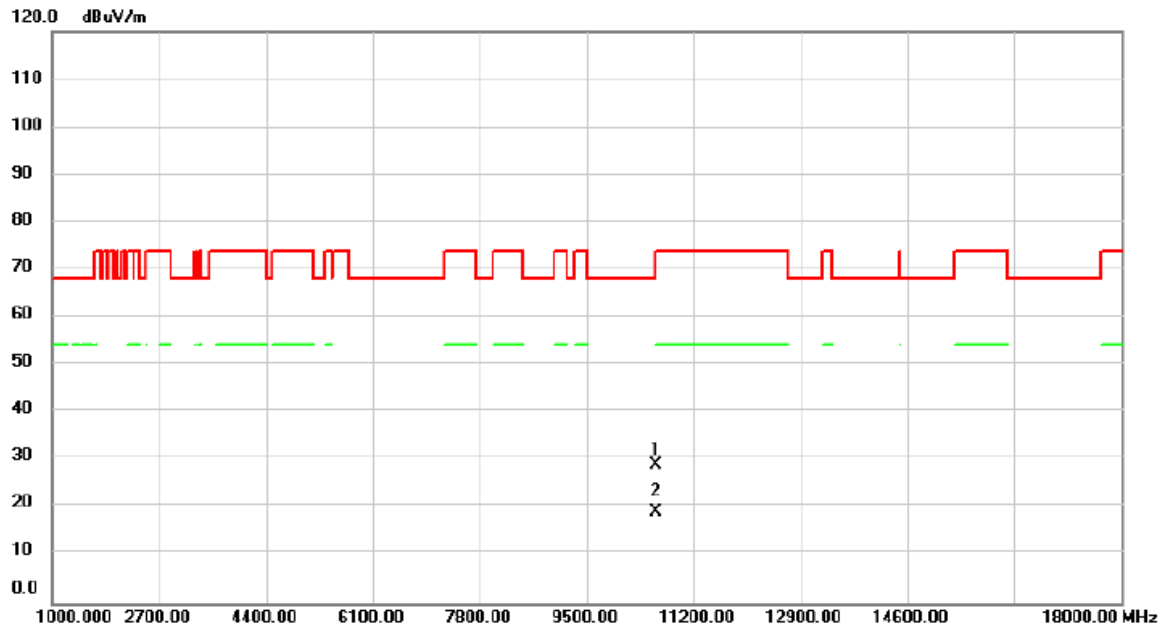


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10600.00	29.76	-0.41	29.35	68.20	-38.85	peak		
2	*	10600.00	20.77	-0.41	20.36	54.00	-33.64	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5300MHz	Polarization	Horizontal

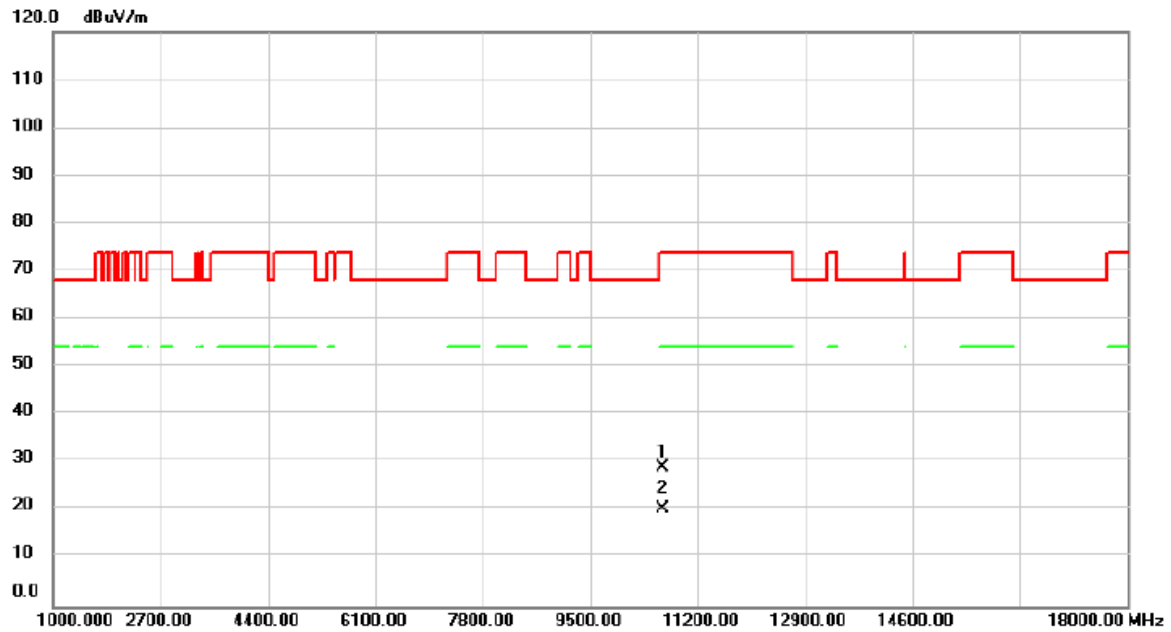


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		10600.00	29.43	-0.41	29.02	68.20	-39.18	peak			
2	*	10600.00	19.42	-0.41	19.01	54.00	-34.99	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Vertical

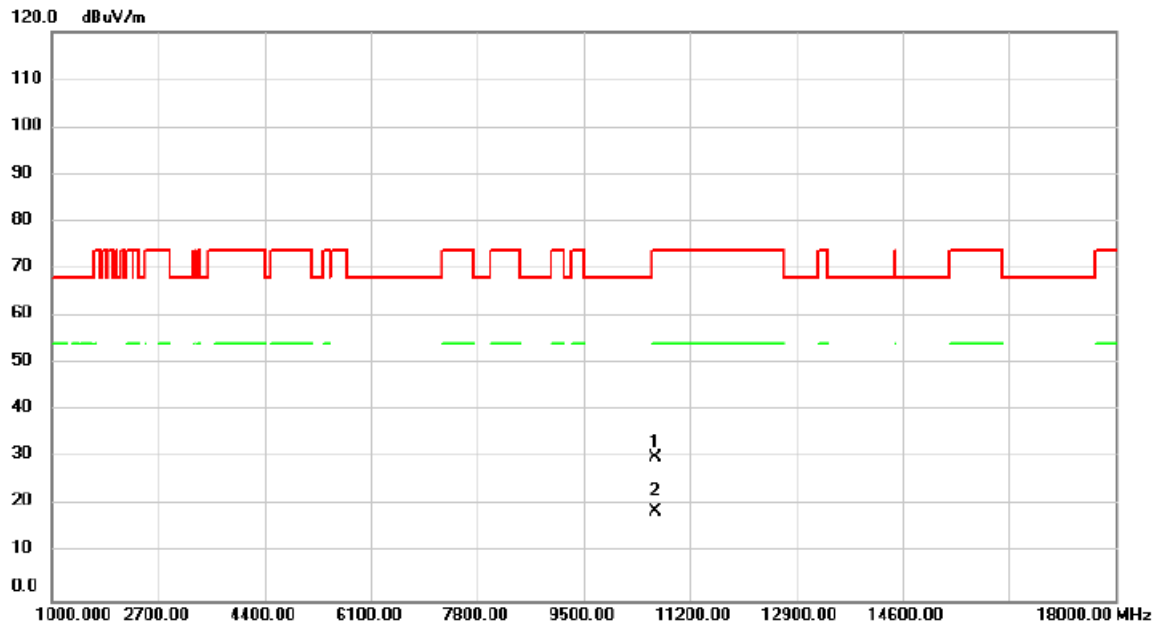


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10640.00	29.45	-0.41	29.04	74.00	-44.96	peak		
2	*	10640.00	20.74	-0.41	20.33	54.00	-33.67	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5320MHz	Polarization	Horizontal

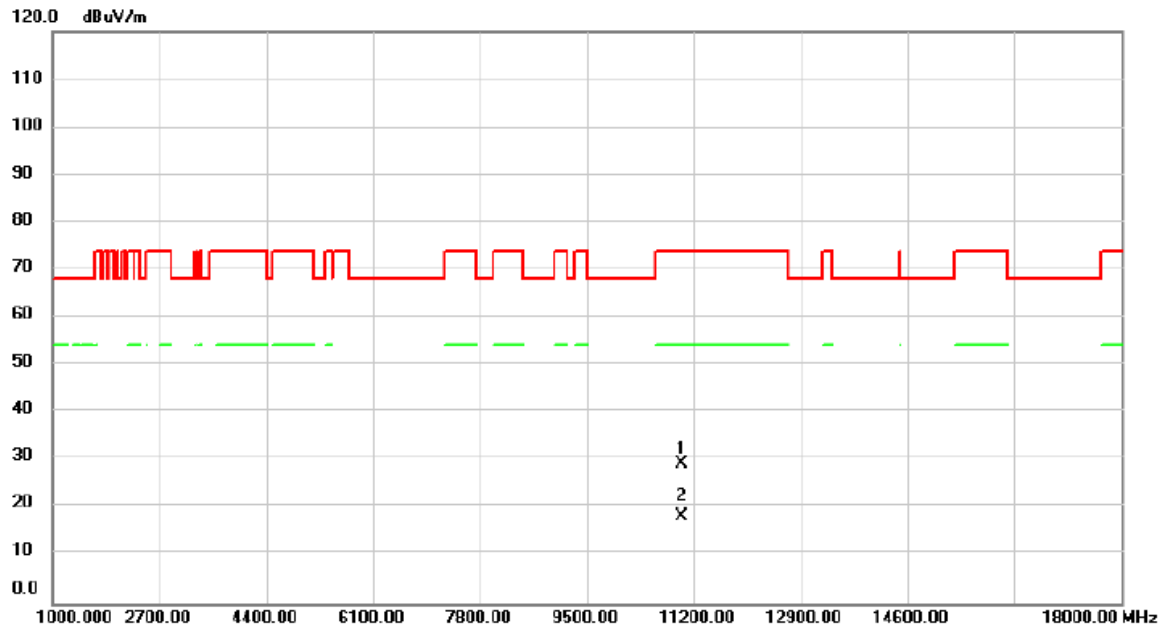


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10640.00	30.70	-0.41	30.29	74.00	-43.71	peak		
2	*	10640.00	19.22	-0.41	18.81	54.00	-35.19	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Vertical

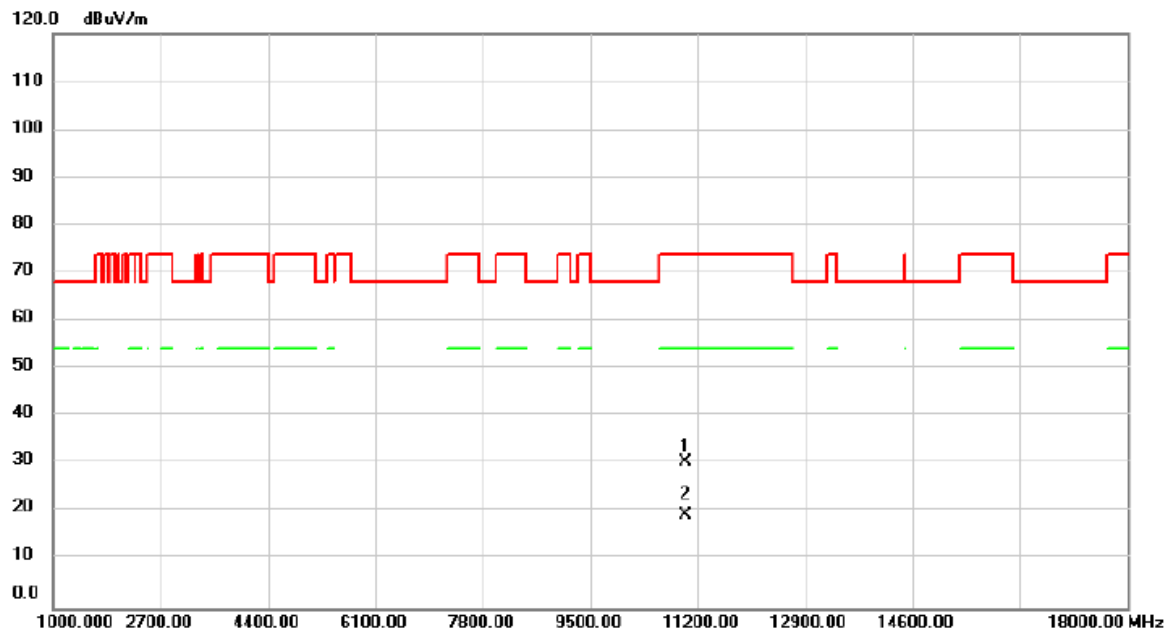


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11000.00	29.60	-0.27	29.33	74.00	-44.67	peak		
2	*	11000.00	18.46	-0.27	18.19	54.00	-35.81	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5500MHz	Polarization	Horizontal

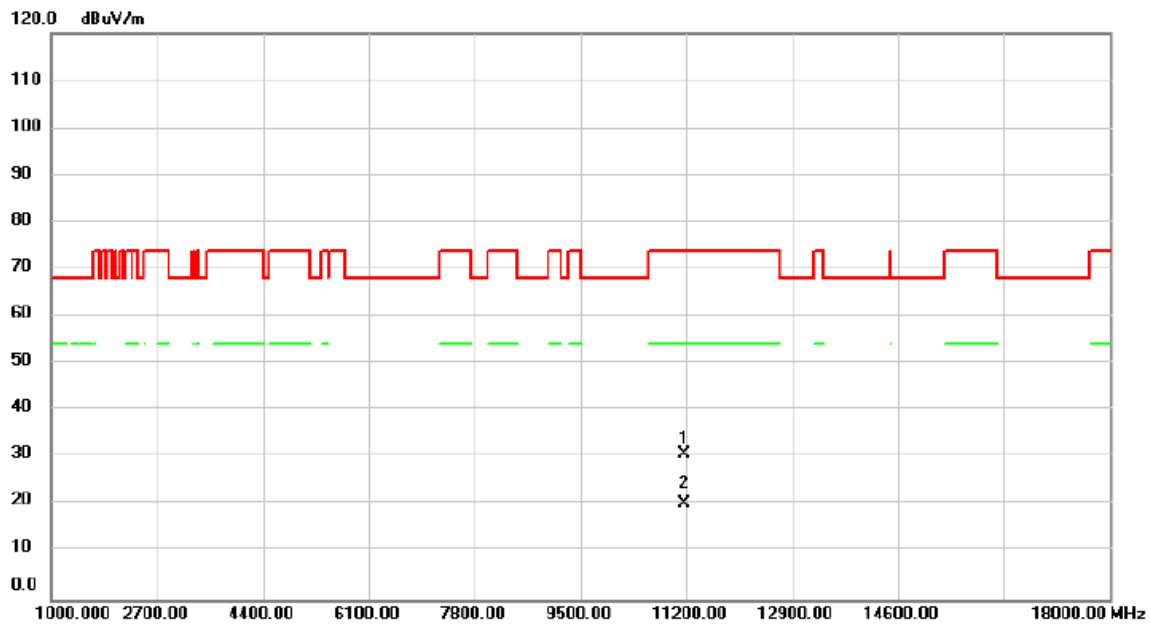


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11000.00	30.70	-0.27	30.43	74.00	-43.57	peak		
2	*	11000.00	19.56	-0.27	19.29	54.00	-34.71	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5580MHz	Polarization	Vertical

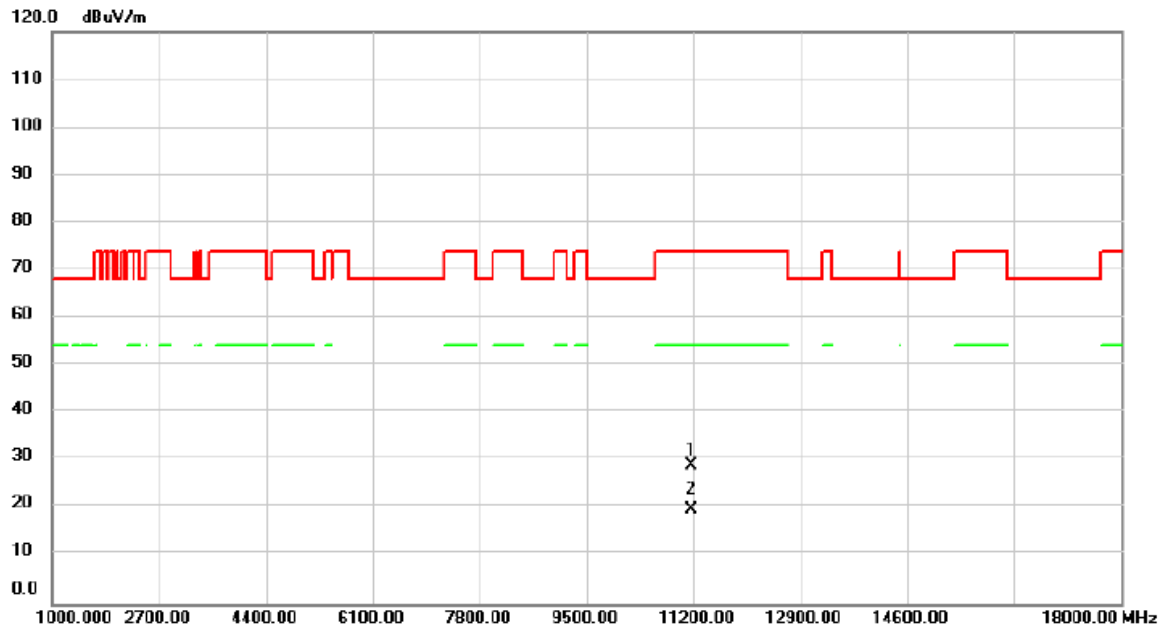


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11160.00	30.78	0.08	30.86	74.00	-43.14			peak
2	*	11160.00	20.23	0.08	20.31	54.00	-33.69			AVG

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5580MHz	Polarization	Horizontal

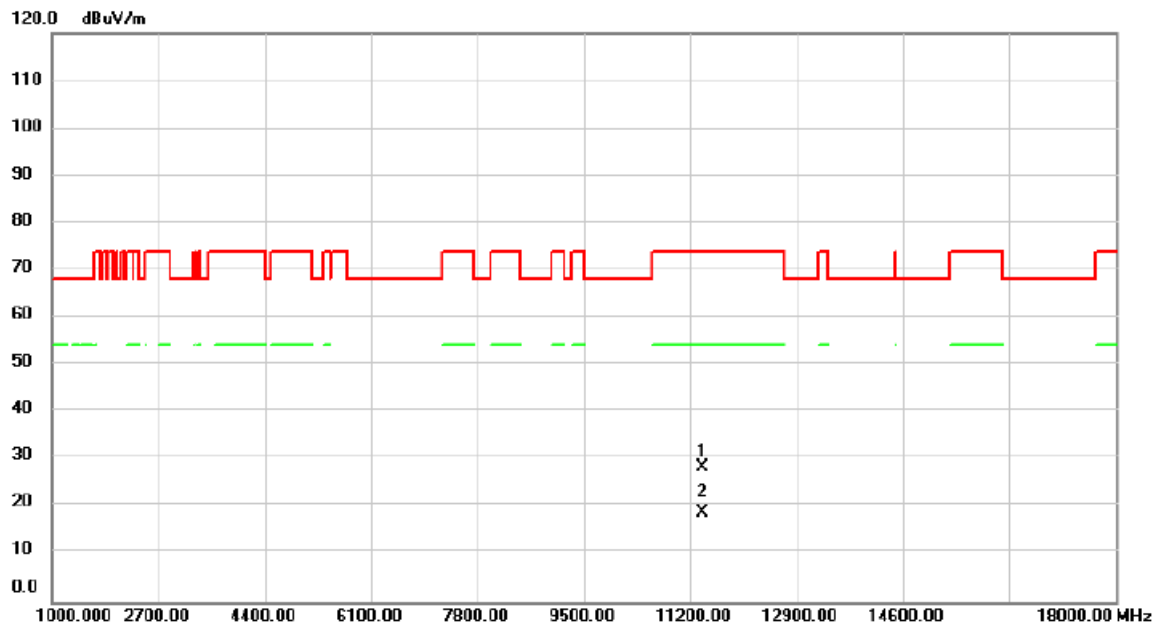


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11160.00	29.00	0.08	29.08	74.00	-44.92	peak		
2	*	11160.00	19.47	0.08	19.55	54.00	-34.45	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Vertical

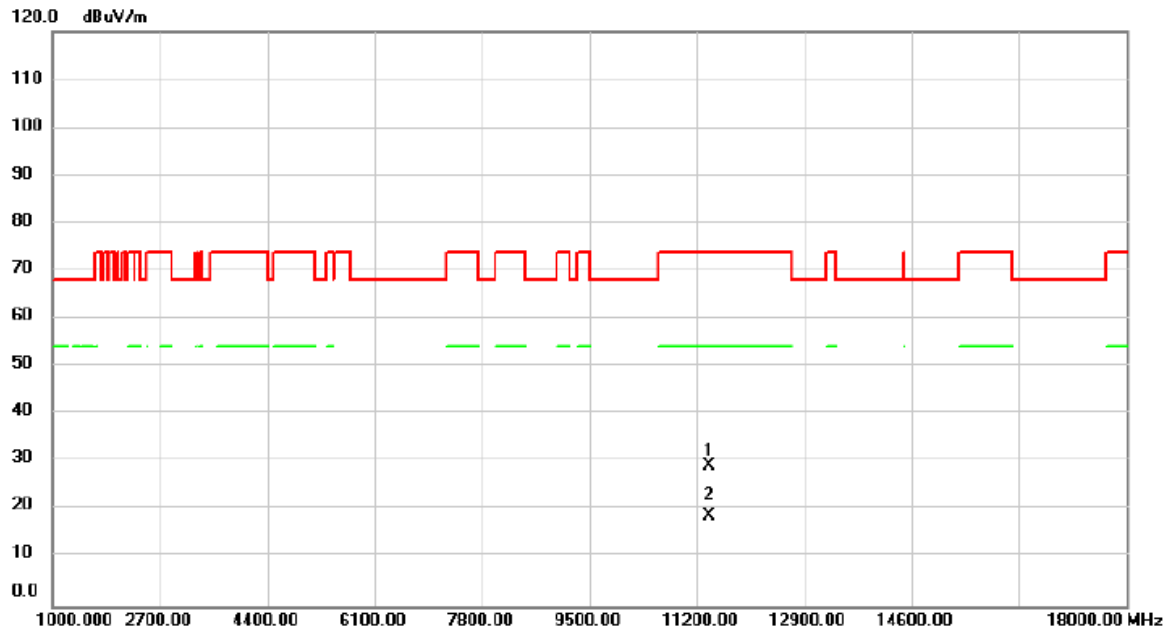


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11400.00	27.79	0.61	28.40	74.00	-45.60			peak
2	*	11400.00	18.23	0.61	18.84	54.00	-35.16			AVG

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/18
Test Frequency	5700MHz	Polarization	Horizontal

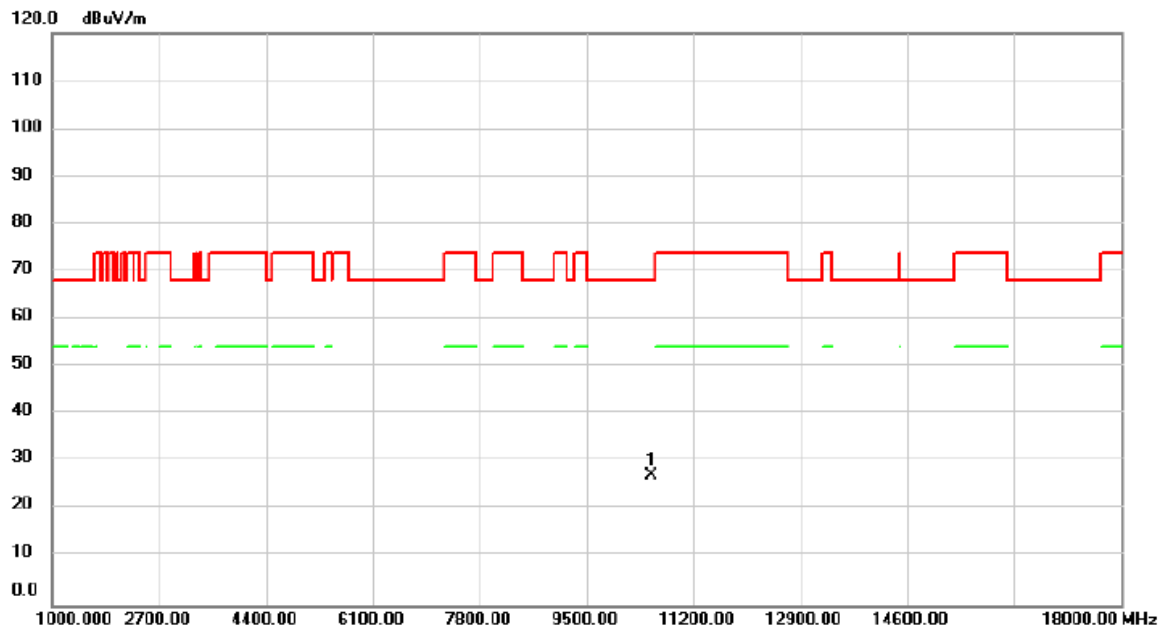


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11400.00	28.54	0.61	29.15	74.00	-44.85	peak		
2	*	11400.00	18.21	0.61	18.82	54.00	-35.18	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5270MHz	Polarization	Vertical

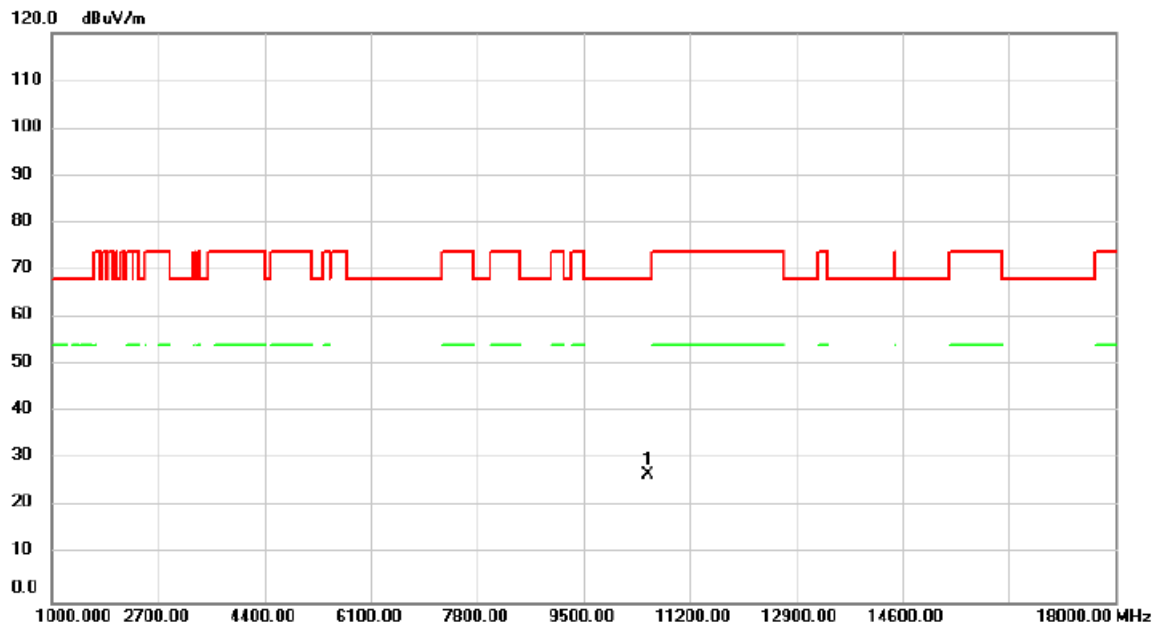


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10540.00	27.70	-0.44	27.26	68.20	-40.94	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5270MHz	Polarization	Horizontal

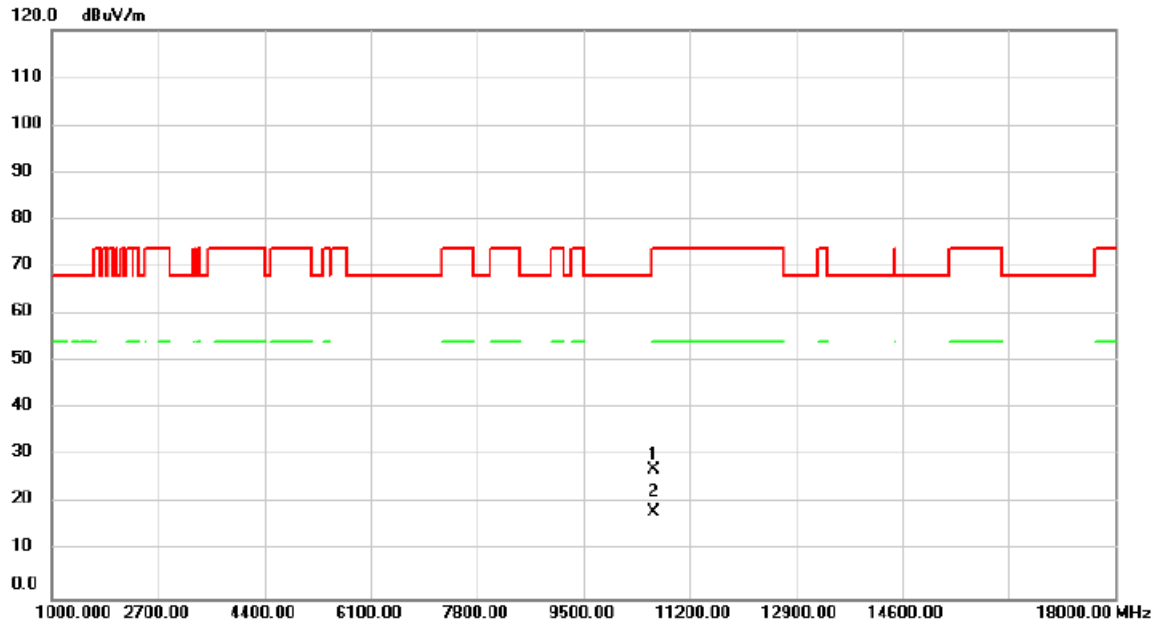


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10540.00	27.42	-0.44	26.98	68.20	-41.22	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5310MHz	Polarization	Vertical

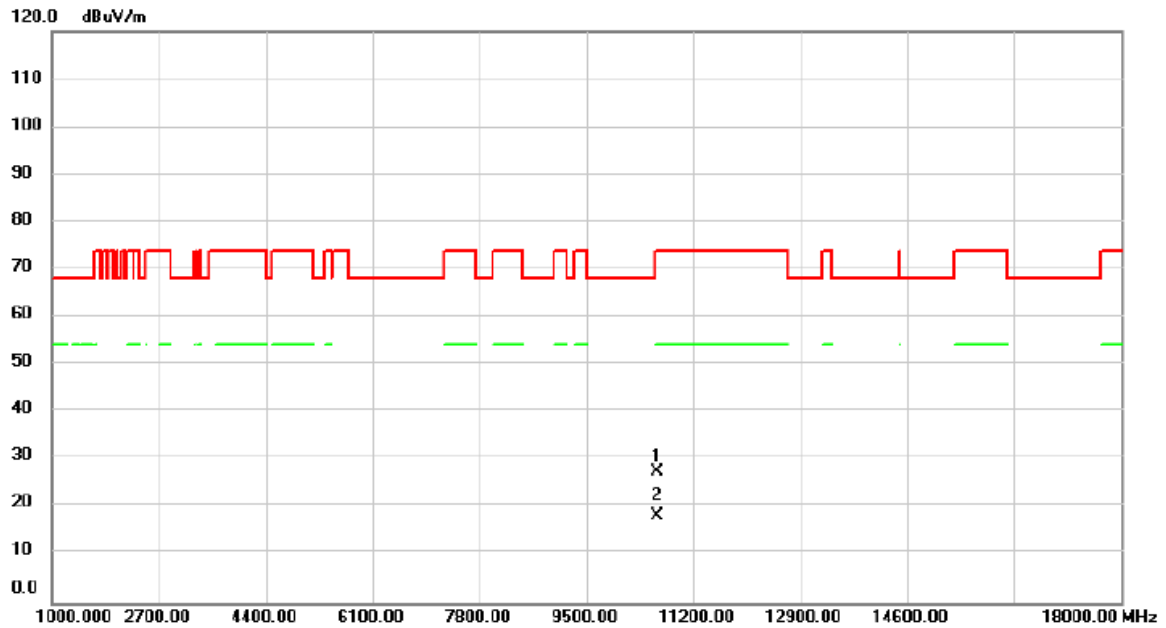


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10620.00	27.61	-0.40	27.21	74.00	-46.79			peak
2	*	10620.00	18.56	-0.40	18.16	54.00	-35.84			AVG

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5310MHz	Polarization	Horizontal

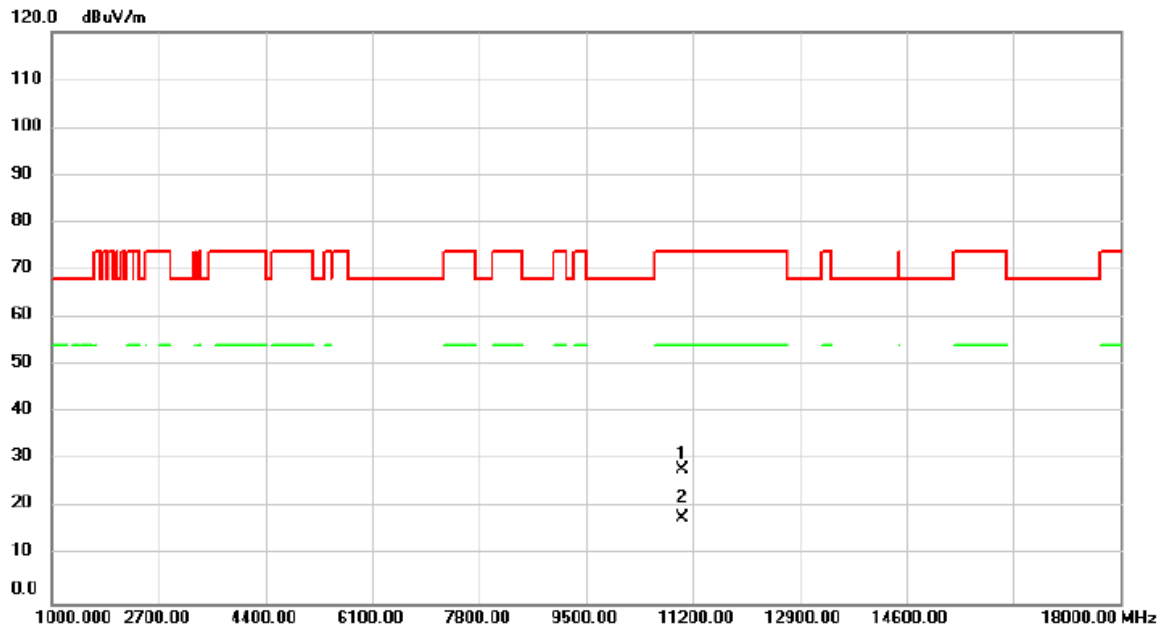


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10620.00	27.89	-0.40	27.49	74.00	-46.51			peak
2	*	10620.00	18.64	-0.40	18.24	54.00	-35.76			AVG

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5510MHz	Polarization	Vertical

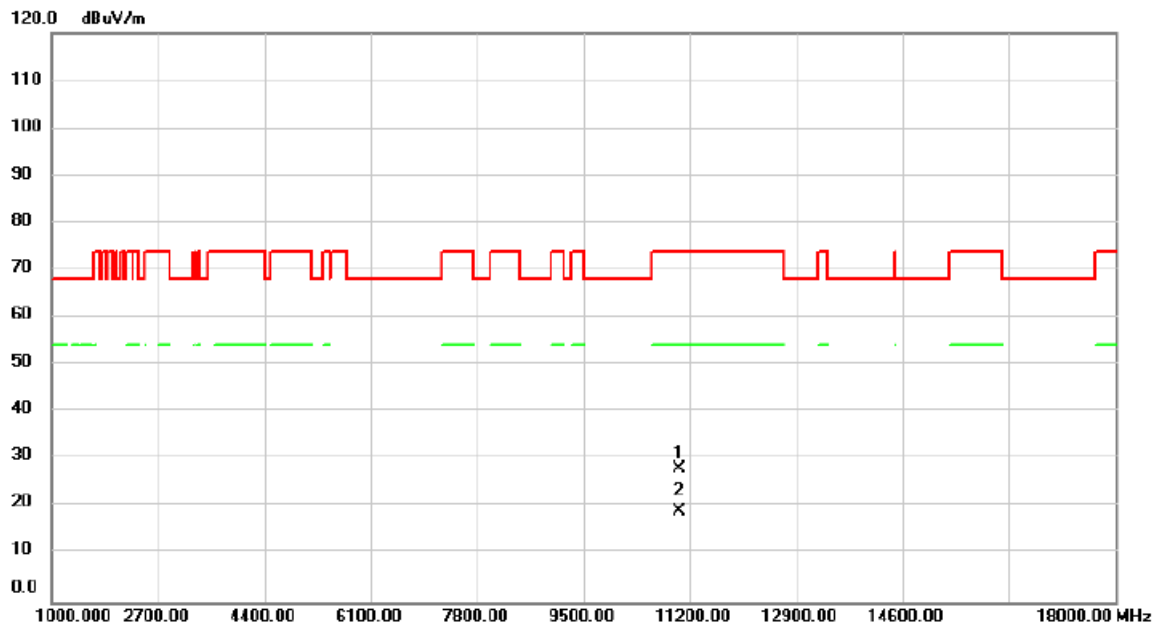


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		11020.00	28.17	-0.22	27.95	74.00	-46.05	peak			
2	*	11020.00	18.15	-0.22	17.93	54.00	-36.07	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5510MHz	Polarization	Horizontal

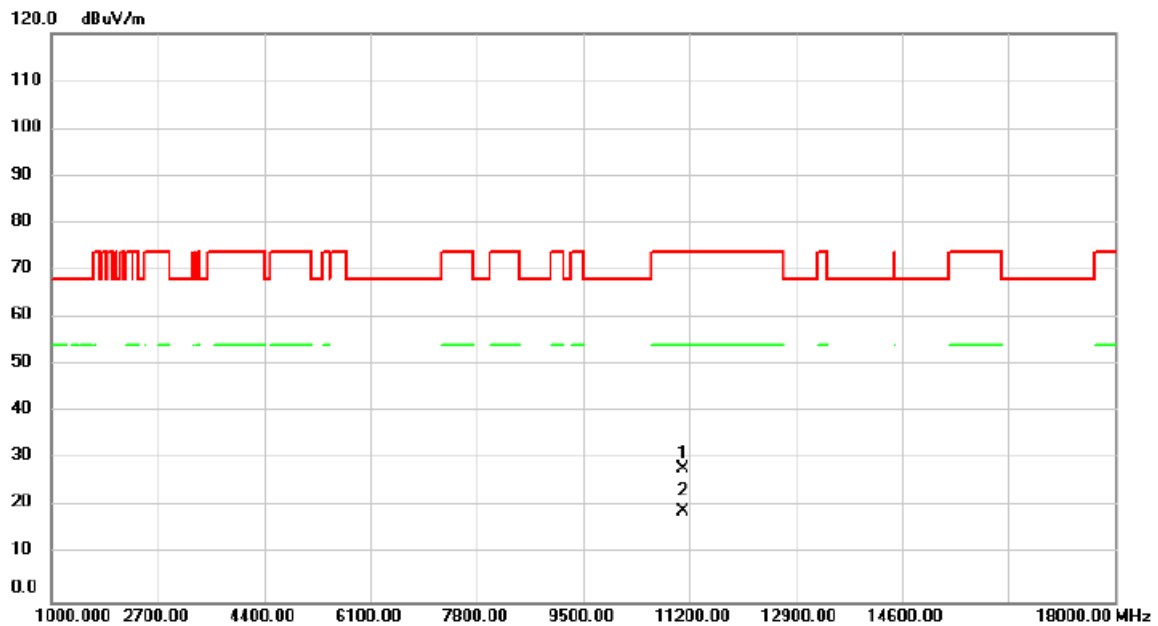


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		11020.00	28.18	-0.22	27.96	74.00	-46.04	peak			
2	*	11020.00	19.14	-0.22	18.92	54.00	-35.08	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5550MHz	Polarization	Vertical

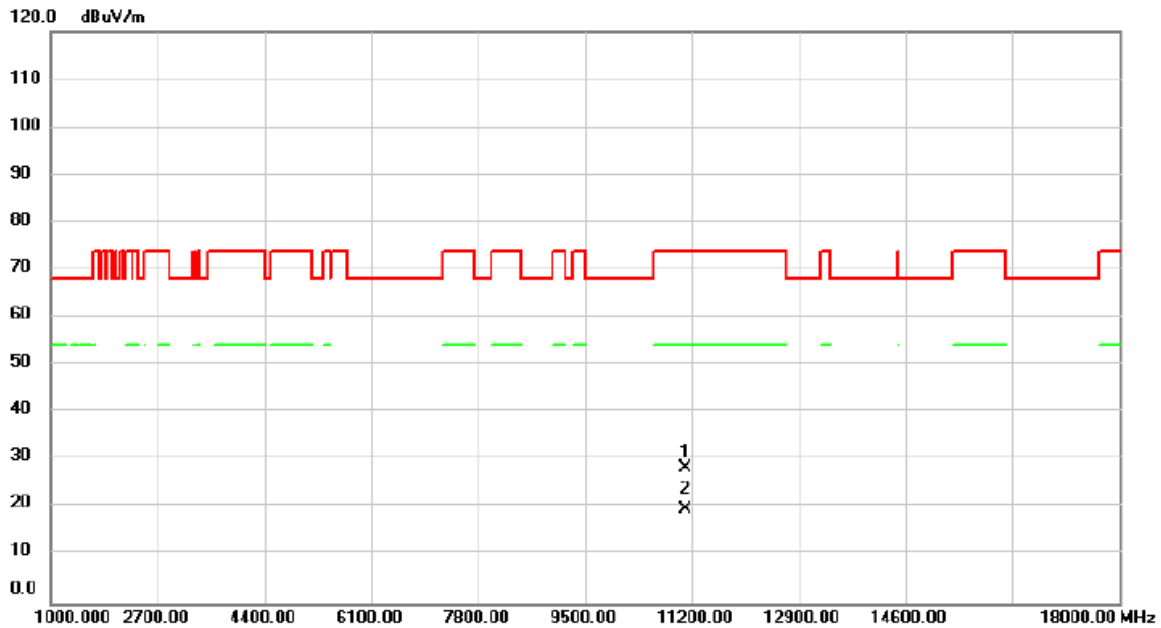


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11100.00	28.23	-0.04	28.19	74.00	-45.81	peak		
2	*	11100.00	19.21	-0.04	19.17	54.00	-34.83	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5550MHz	Polarization	Horizontal

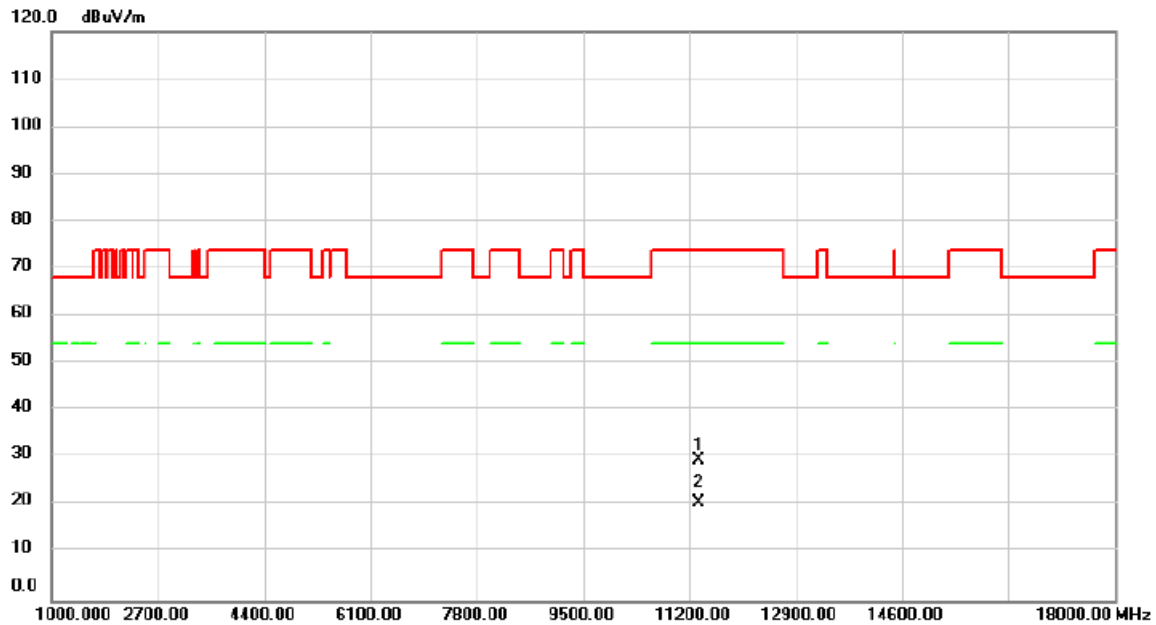


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11100.00	28.37	-0.04	28.33	74.00	-45.67	peak		
2	*	11100.00	19.78	-0.04	19.74	54.00	-34.26	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5670MHz	Polarization	Vertical

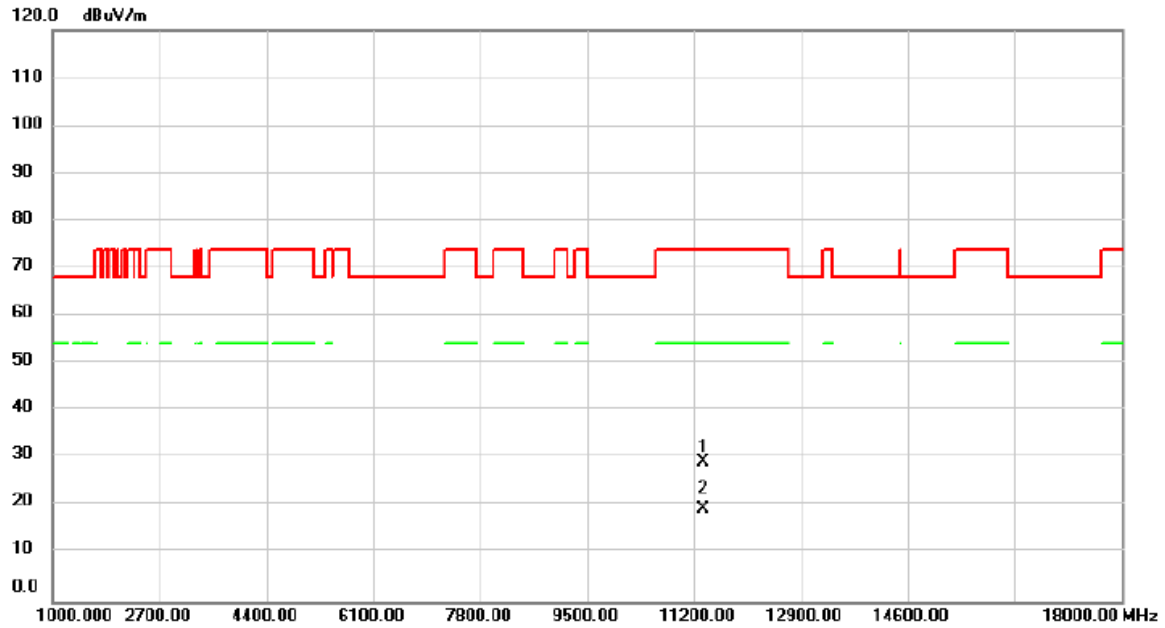


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11340.00	29.19	0.49	29.68	74.00	-44.32			peak
2	*	11340.00	20.15	0.49	20.64	54.00	-33.36			AVG

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/9/19
Test Frequency	5670MHz	Polarization	Horizontal

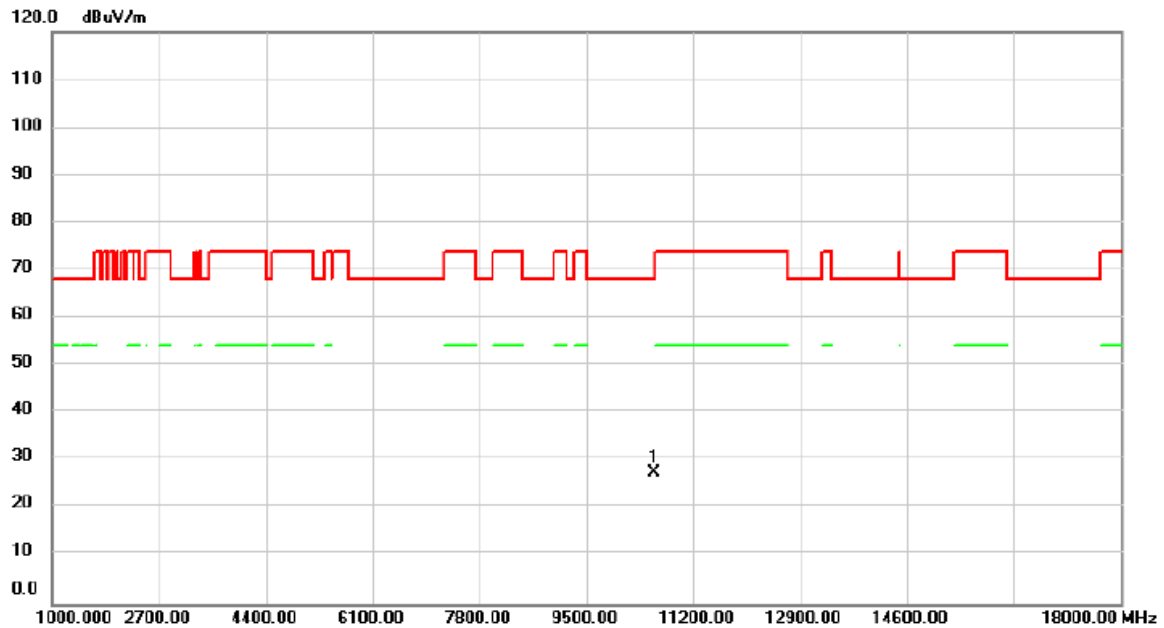


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11340.00	28.91	0.49	29.40	74.00	-44.60	peak		
2	*	11340.00	19.01	0.49	19.50	54.00	-34.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/19
Test Frequency	5290MHz	Polarization	Vertical

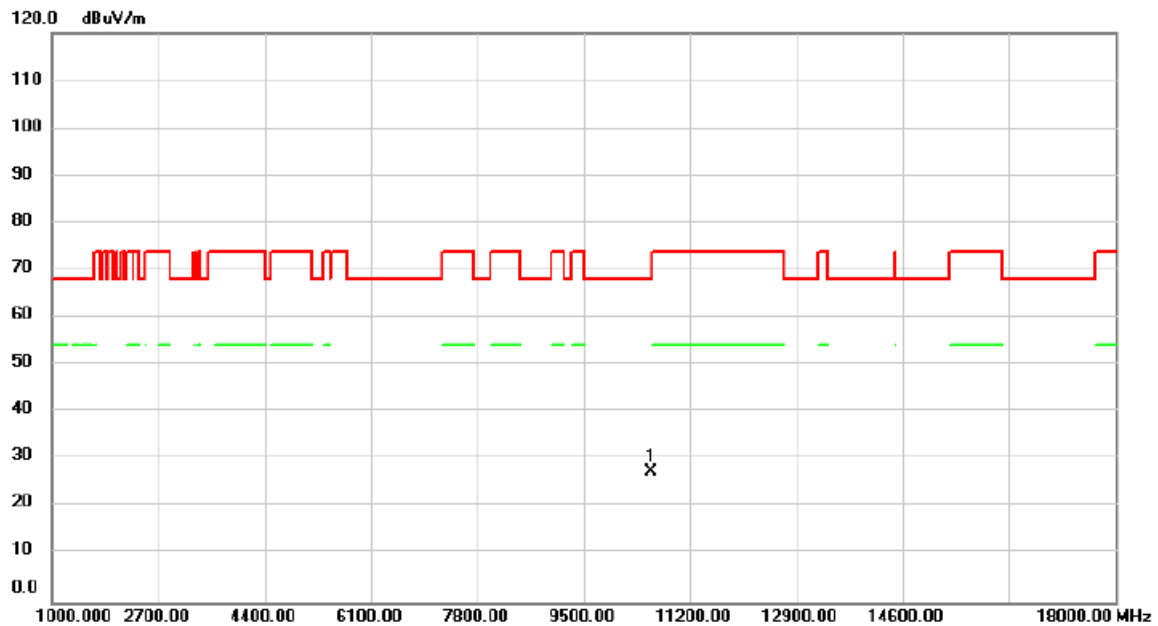


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10580.00	27.88	-0.42	27.46	68.20	-40.74	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/19
Test Frequency	5290MHz	Polarization	Horizontal

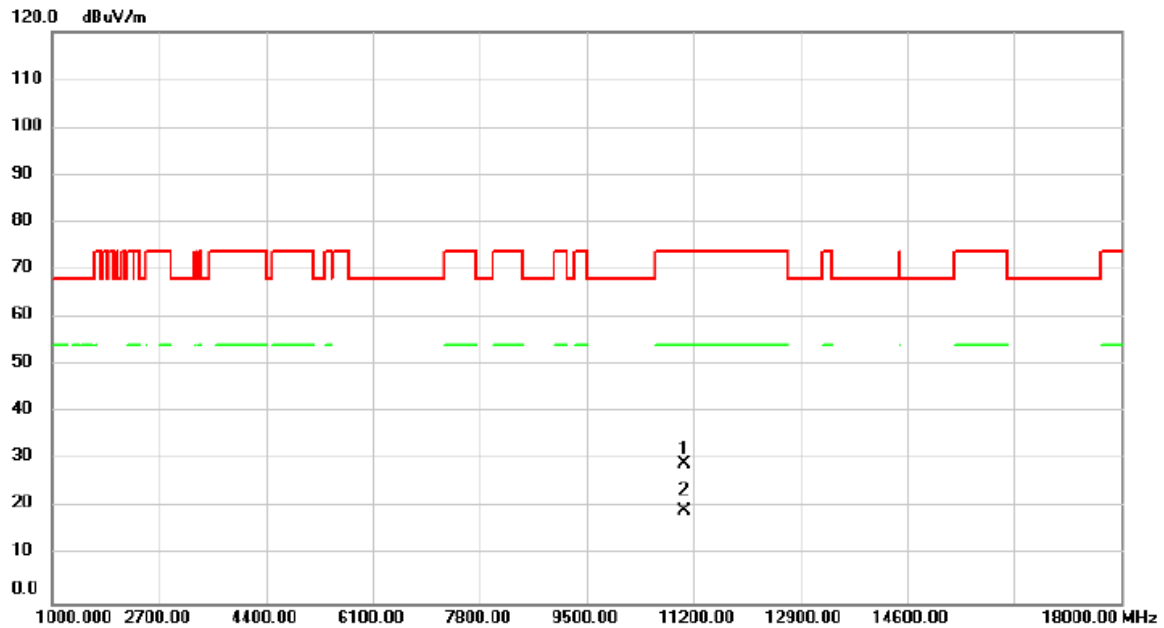


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10580.00	27.89	-0.42	27.47	68.20	-40.73	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/19
Test Frequency	5530MHz	Polarization	Vertical

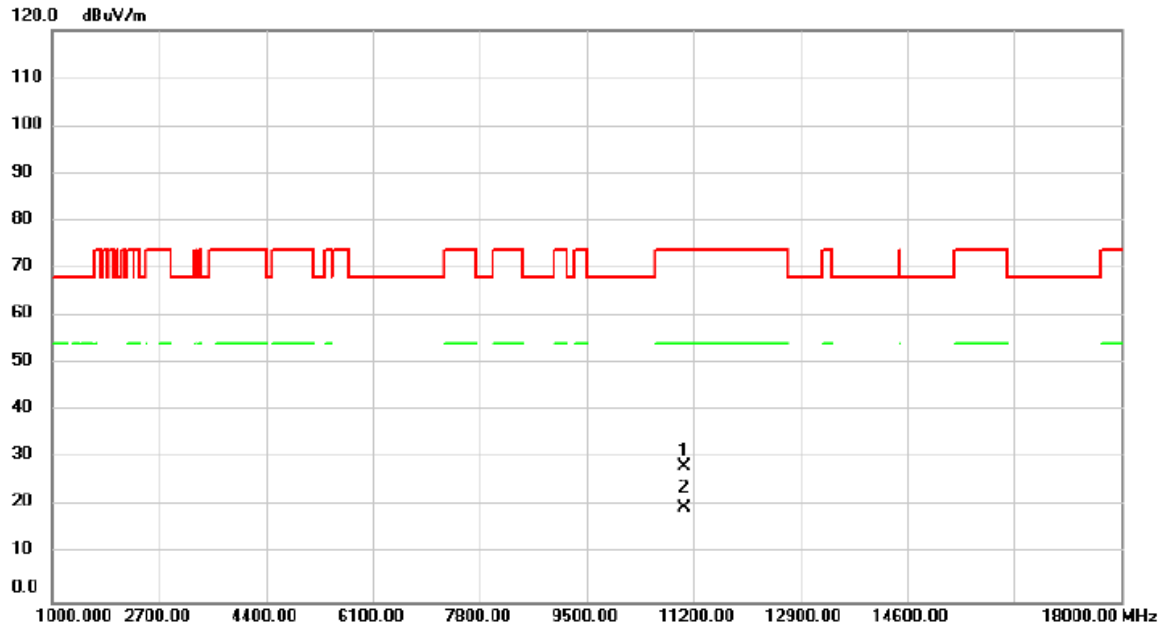


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11060.00	29.53	-0.13	29.40	74.00	-44.60	peak		
2	*	11060.00	19.40	-0.13	19.27	54.00	-34.73	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/19
Test Frequency	5530MHz	Polarization	Horizontal

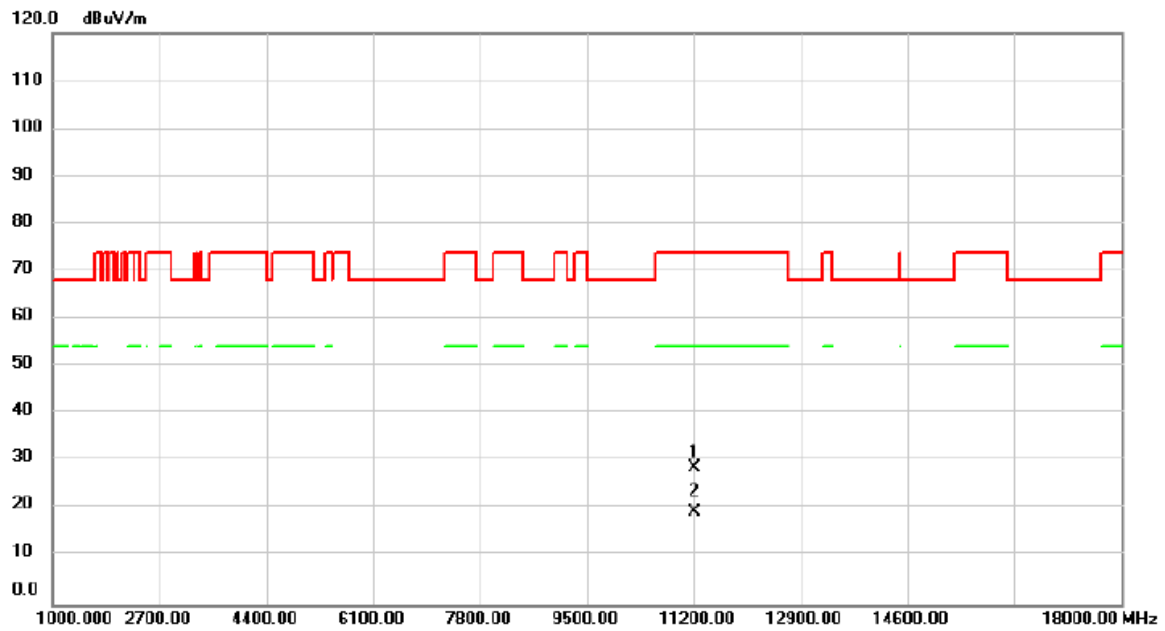


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11060.00	28.48	-0.13	28.35	74.00	-45.65	peak		
2	*	11060.00	19.65	-0.13	19.52	54.00	-34.48	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/19
Test Frequency	5610MHz	Polarization	Vertical

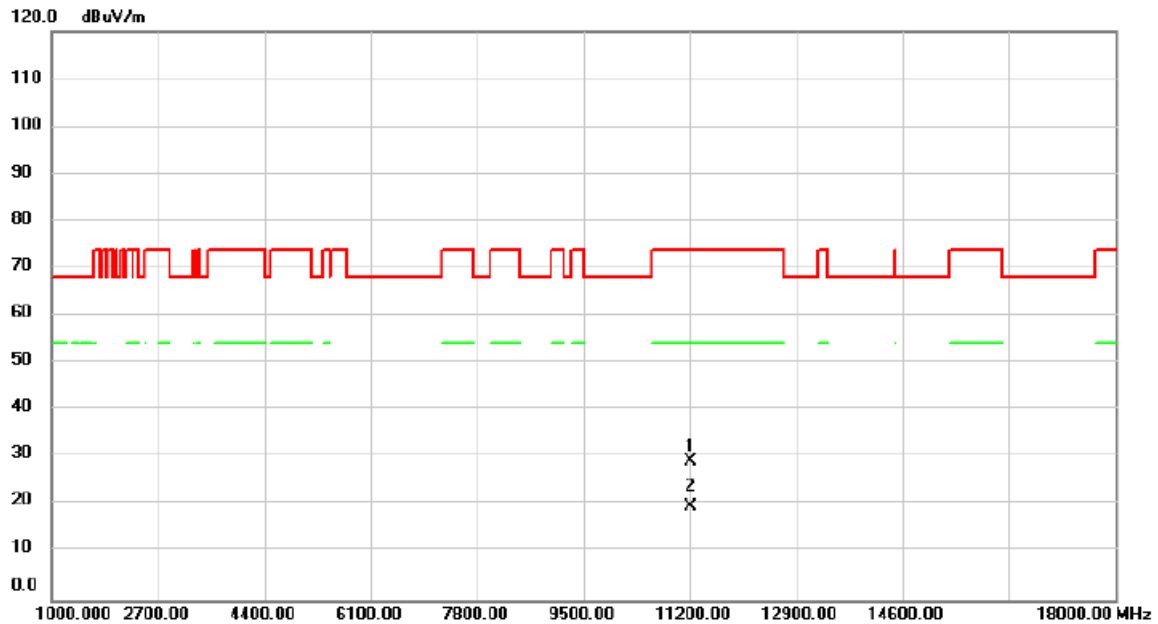


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11220.00	28.48	0.22	28.70	74.00	-45.30	peak		
2	*	11220.00	19.14	0.22	19.36	54.00	-34.64	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/9/19
Test Frequency	5610MHz	Polarization	Horizontal

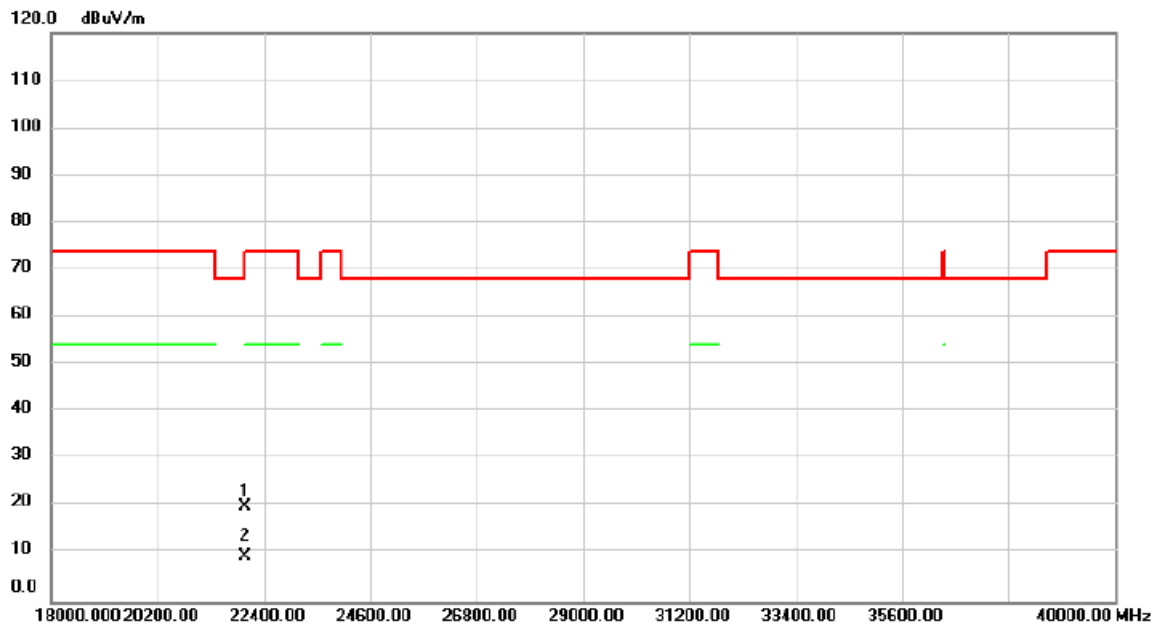


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11220.00	28.92	0.22	29.14	74.00	-44.86	peak		
2	*	11220.00	19.47	0.22	19.69	54.00	-34.31	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/19
Test Frequency	5500MHz	Polarization	Vertical

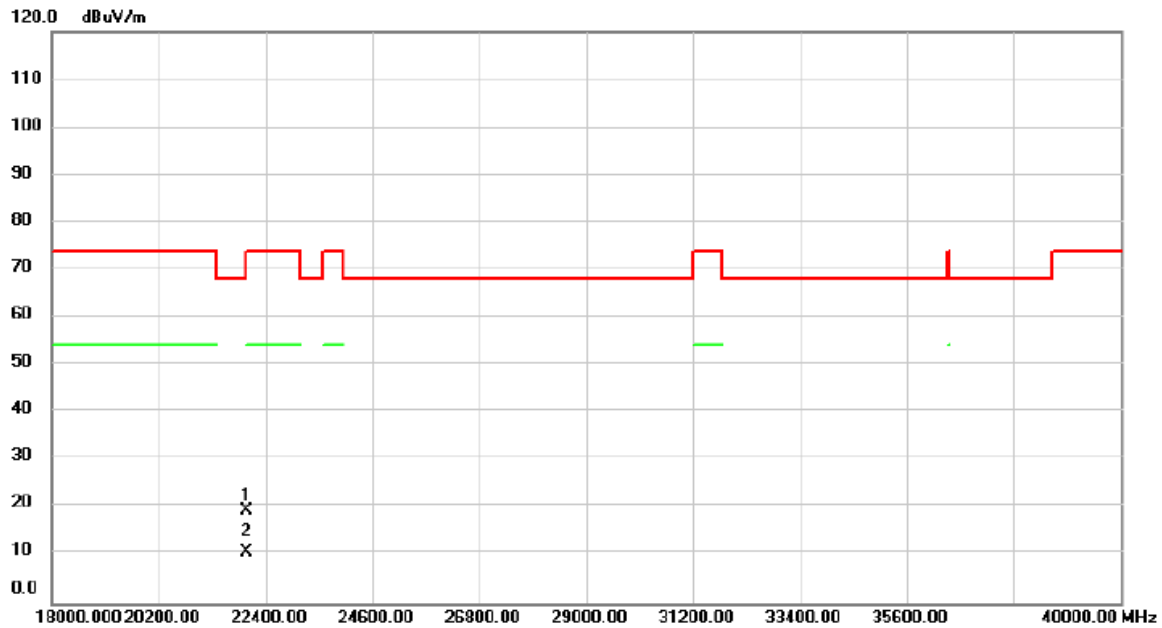


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	22000.00	28.79	-8.74	20.05	68.20	-48.15	peak			
2		22000.00	18.15	-8.74	9.41	68.20	-58.79	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/9/19
Test Frequency	5500MHz	Polarization	Horizontal



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	*	22000.00	28.13	-8.74	19.39	68.20	-48.81	peak		
2		22000.00	19.47	-8.74	10.73	68.20	-57.47	AVG		

REMARKS:

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

APPENDIX D BANDWIDTH