

FCC Radio Test Report

FCC ID: 2BDWL2417321

Report No. : BTL-FCCP-3-2303E003
Equipment : TELUS SmartHome+ Hub
Brand Name : TELUS
Test Model : HUF
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 1, U-NII 2A, U-NII 2C, U-NII 3)

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

Date of Receipt : 2024/3/5
Date of Test : 2024/3/5 ~ 2024/6/15
2024/10/24 ~ 2024/10/26
Issued Date : 2025/1/23

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

Poken Huang

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Declaration

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

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

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

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-3-2303E003	R00	Original Report.	2024/7/24	Invalid
BTL-FCCP-3-2303E003	R01	Corrected the Hardware Version.	2024/10/10	Invalid
BTL-FCCP-3-2303E003	R02	Added the Straddle Channel.	2024/10/28	Invalid
BTL-FCCP-3-2303E003	R03	Corrected the Operation Frequency.	2025/1/23	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

FCC CFR Title 47, Part 15, Subpart E				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C	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 (2)
15.203	Antenna Requirements	-----	PASS	NOTE (3)
15.407(c)	Automatically Discontinue Transmission	-----	PASS	NOTE (5)

NOTE:

- (1) "N/A" denotes test is not applicable in this Test Report.
- (2) The item is declared by the manufacturer.
- (3) The device what use a permanently attached antenna were considered sufficient to comply with the provisions of 15.203.
- (4) The report format version is FR15EWL5_V1.0
- (5) The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

1.1 TEST FACILITY

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

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

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

☒ C06 ☒ CB21

No. 64, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)

☒ TR01 ☒ CB20

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement $y \pm U$, where expanded uncertainty U is based on a standard uncertainty multiplied by a coverage factor of $k = 2$, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The eLab 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)
C06	CISPR	150 kHz ~ 30MHz	2.4498

B. Radiated emissions test:

Test Site	Measurement Frequency Range	U,(dB)
CB21	0.03 GHz ~ 0.2 GHz	4.17
	0.2 GHz ~ 1 GHz	4.72
	1 GHz ~ 6 GHz	5.21
	6 GHz ~ 18 GHz	5.51
	18 GHz ~ 26 GHz	3.69
	26 GHz ~ 40 GHz	4.23

Test Site	Measurement Frequency Range	U,(dB)
CB20	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,(dB)
Occupied Bandwidth	0.53
Maximum Output Power	0.37
Power Spectral Density	0.66
Conducted Spurious emissions	0.54
Conducted Band edges	0.53
Frequency Stability	0.53

NOTE:

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

1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120V	Ken Hsieh
Radiated emissions below 1 GHz	24°C, 62%	DC 5V	Ken Hsieh
Radiated emissions above 1 GHz	24-25°C, 62-65%	DC 5V	Ken Hsieh Barry Tsui
Bandwidth	23-25°C, 50-64%	DC 5V	Ken Hsieh
Maximum Output Power	23-25°C, 50-64%	DC 5V	Ken Hsieh
Power Spectral Density	23-25°C, 50-64%	DC 5V	Ken Hsieh
Antenna conducted Spurious Emission	23-25°C, 50-64%	DC 5V	Ken Hsieh

1.4 TABLE OF PARAMETERS OF TEXT SOFTWARE SETTING

UNII-1			
Test Software Version	NB-03A1-01		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	default	default	default
IEEE 802.11ac(VHT20)	default	default	default
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	default	default	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	default		

UNII-2A			
Test Software Version	NB-03A1-01		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	default	default	default
IEEE 802.11ac(VHT20)	default	default	default
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	default	default	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	default		

UNII-2C			
Test Software Version	NB-03A1-01		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	default	default	default
IEEE 802.11ac(VHT20)	default	default	default
Frequency (MHz)	5510	5550	5670
IEEE 802.11ac(VHT40)	default	default	default
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	default	default	

UNII-3			
Test Software Version	NB-03A1-01		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	default	default	default
IEEE 802.11ac(VHT20)	default	default	default
Frequency (MHz)	5755	5795	
IEEE 802.11ac(VHT40)	default	default	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	default		

Straddle Channel			
Test Software Version	NB-03A1-01		
Frequency (MHz)	5720	5710	5690
IEEE 802.11a	default		
IEEE 802.11ac(VHT20)	default		
IEEE 802.11ac(VHT40)		default	
IEEE 802.11ac(VHT80)			default

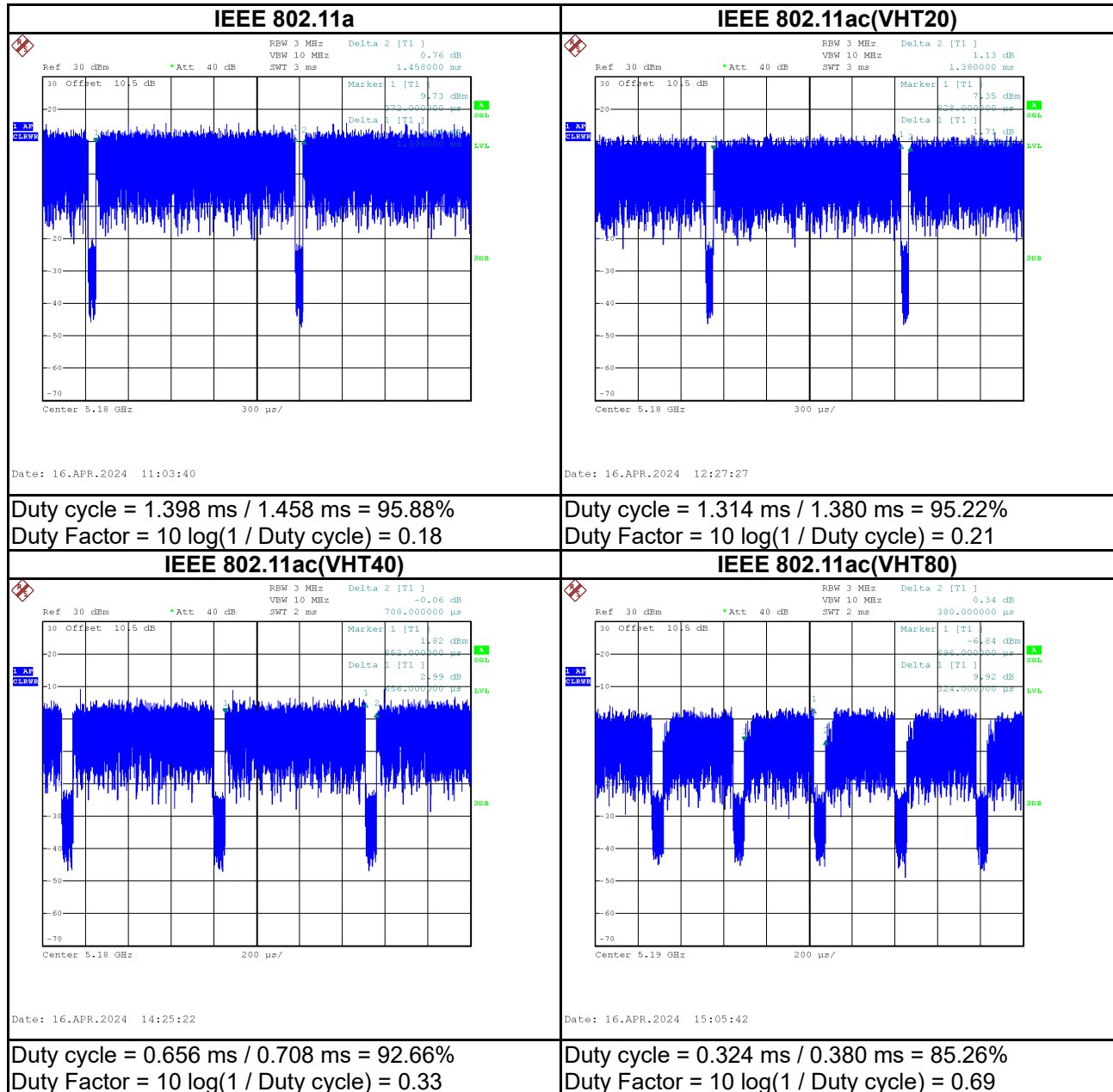
1.5 DUTY CYCLE

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

If duty cycle is $< 98\%$, duty factor shall be considered.

The output power = measured power + duty factor.

The power spectral density = measured power spectral density + duty factor.



2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	TELUS SmartHome+ Hub
Brand Name	TELUS
Test Model	HUF
Series Model	N/A
Model Difference(s)	N/A
Software Version	v0.8.13
Hardware Version	DVT
Power Source	DC Voltage supplied from AC adapter. Model: DSA-12PF11-05 FUS 050200
Power Rating	I/P:100-240V ~ 50/60Hz 0.5A O/P:+5.0V --- 2.0A
Operation Band	UNII-1: 5150 MHz to 5250 MHz UNII-2A: 5250 MHz to 5350 MHz UNII-2C: 5470 MHz to 5725 MHz UNII-3: 5725 MHz to 5850 MHz
Operation Frequency	UNII-1: 5180 MHz to 5240 MHz UNII-2A: 5260 MHz to 5320 MHz UNII-2C: 5500 MHz to 5720 MHz UNII-3: 5745 MHz to 5825 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM
Transfer Rate	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 866.7 Mbps
Maximum Output Power UNII-1	IEEE 802.11ac(VHT20): 14.70 dBm (0.0295 W)
Maximum Output Power UNII-2A	IEEE 802.11ac(VHT20): 12.84 dBm (0.0192 W)
Maximum Output Power UNII-2C	IEEE 802.11ac(VHT20): 13.18 dBm (0.0208 W)
Maximum Output Power UNII-3	IEEE 802.11ac(VHT20): 14.20 dBm (0.0263 W)

NOTE:

- 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 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
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 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
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	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40)		IEEE 802.11ac(VHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

3. Table for Filed Antenna:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)
1		N/A	PIFA	N/A	3.86
2		N/A	PIFA	N/A	3.94

Note:

- 1) This EUT supports CDD, and all antenna gains are not equal, so the Directional Gain = maximum antenna gain is 3.94 dBi < 6 dBi, Thus, the limits of Output Power should not be reduced.
For the power spectral density, the directional gain=3.94 + 3.01dBi = 6.95. So, The UNII-1 power spectral density limit is 11-(6.95-6)=10.05, the UNII-3 power spectral density limit is 30-(6.95-6)=29.05.
- 2) Ant.1 refers to Main Antenna, Ant.2 refers to Aux Antenna.
- 3) 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.

4. Table for Antenna Configuration:

Operating Mode	TX Mode	1TX	2TX
IEEE 802.11a		V (Ant. 1)	-
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)

2.2 TEST MODES

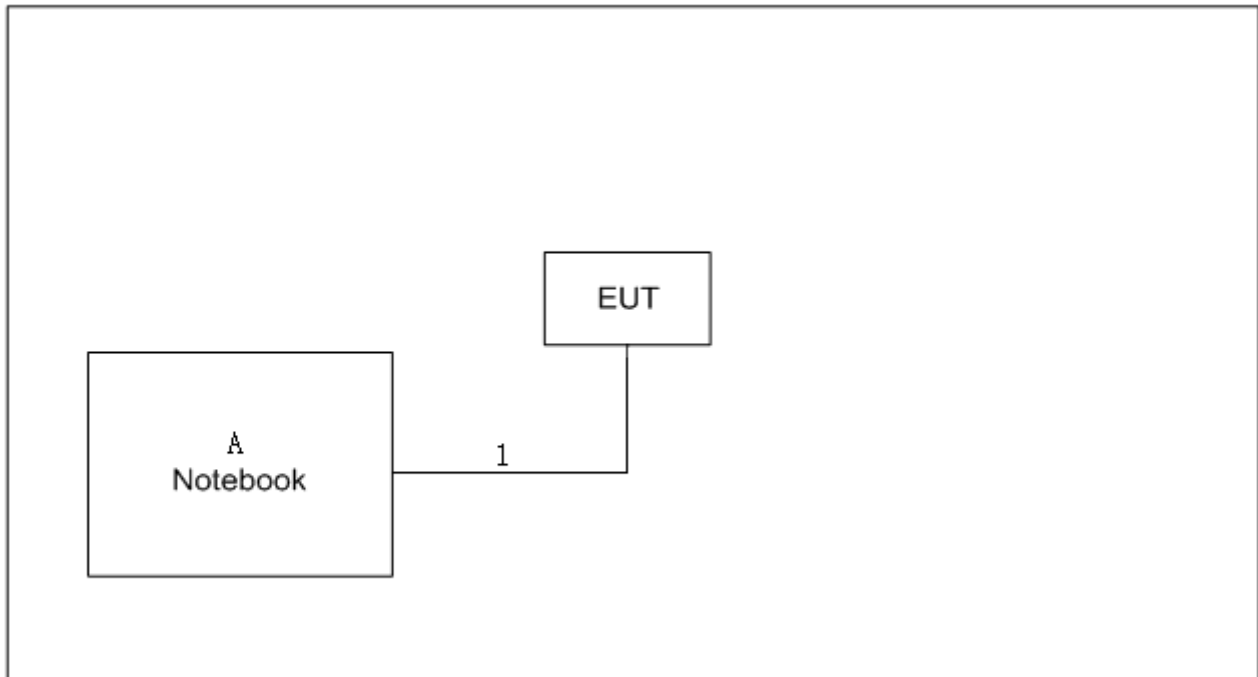
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal	-	-
Transmitter Radiated Emissions (below 1GHz)	IEEE 802.11ac(VHT20)	36	-
Transmitter Radiated Emissions (above 1GHz)	IEEE 802.11a	36,48, 52/64 100/140, 144, 149/165	Bandedge
	IEEE 802.11ac(VHT20)		
	IEEE 802.11ac(VHT40)	38/46, 54/62, 102/134, 142, 151/159	
	IEEE 802.11ac (VHT80)	42, 58 106/122, 138, 155	
	IEEE 802.11a	36/40/48 52/60/64	Harmonic
	IEEE 802.11ac(VHT20)	100/116/140/144 149/157/165	
	IEEE 802.11ac(VHT40)	38/46, 54/62 102/110/134/142 151/159	
	IEEE 802.11ac (VHT80)	42, 58 106/122, 138, 155	
Bandwidth & Power Spectral Density & Maximum Output Power	TIEEE 802.11a	36/40/48 52/60/64	-
	IEEE 802.11ac(VHT20)	100/116/140/144 149/157/165	
	IEEE 802.11ac(VHT40)	38/46, 54/62 102/110/134/142 151/159	
	IEEE 802.11ac(VHT80)	42, 58 106/122, 138, 155	

NOTE:

- (1) For radiated emission below 1 GHz test, the IEEE 802.11ac(VHT20) Mode Channel 36 (UNII-1) is found to be the worst case and recorded.
- (2) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (3) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and HT40.
- (4) The test sample with two adapters, only the cable is different. For radiated spurious emissions below 1 GHz test, two adapters had been pre-tested and in this report only recorded the worst case.

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.



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Remarks
A	Notebook	tinkpad	ThinkBook16+	Furnished by test lab.

Item	Cable Type	Ferrite Core	Length	Shielded	Remarks
1	USB Cable	NO	1m	NO	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 - 56 *	56 - 46 *
0.50 - 5.0	56	46
5.0 - 30.0	60	50

NOTE:

- (1) The tighter limit applies at the band edges.
- (2) The limit of " * " marked band means the limitation decreases linearly with the logarithm of the frequency in the range.
- (3) The test result calculated as following:
 Measurement Value = Reading Level + Correct Factor
 Correct Factor = Insertion Loss + Cable Loss + Attenuator Factor (if use)
 Margin Level = Measurement Value – Limit Value
 Calculation example:

Reading Level		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
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

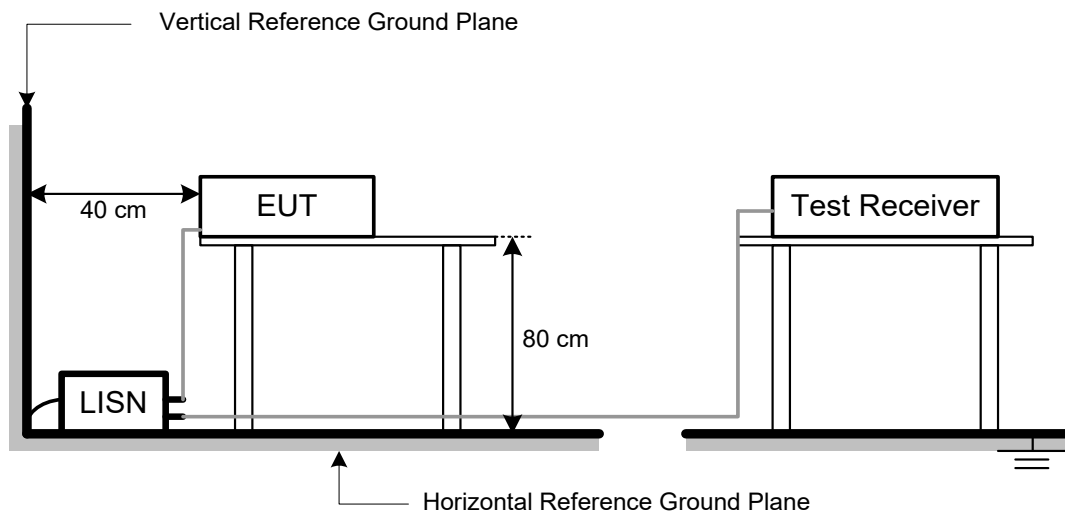
3.2 TEST PROCEDURE

- 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 TEST SETUP



3.4 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
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		Correct Factor		Measurement Value
36.23	+	-11.97	=	24.26

Measurement Value		Limit Value		Margin Level
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

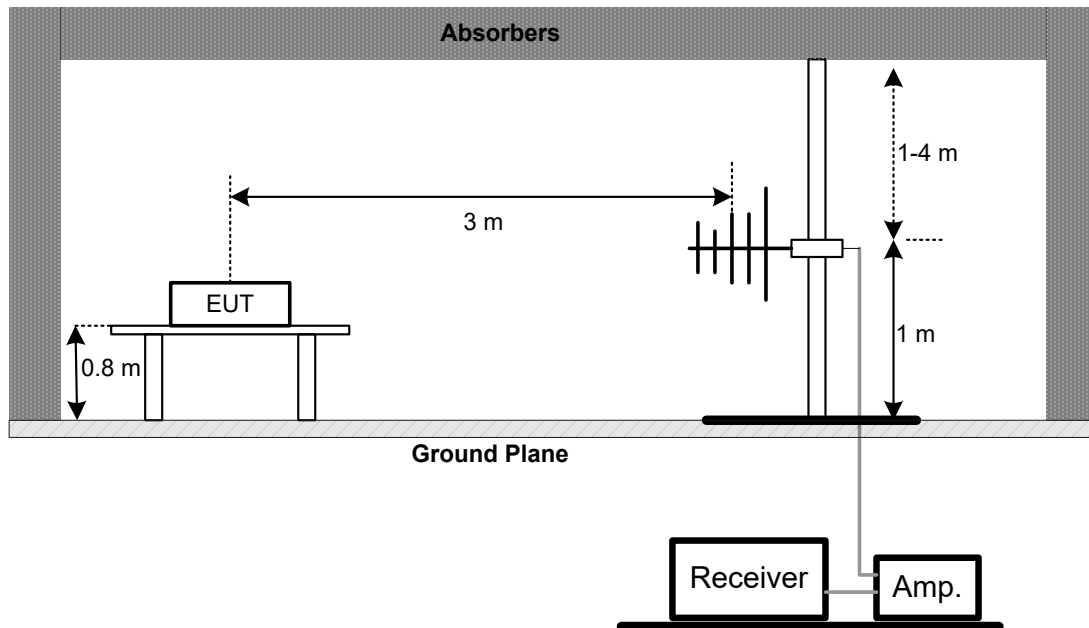
Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP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

4.2 TEST PROCEDURE

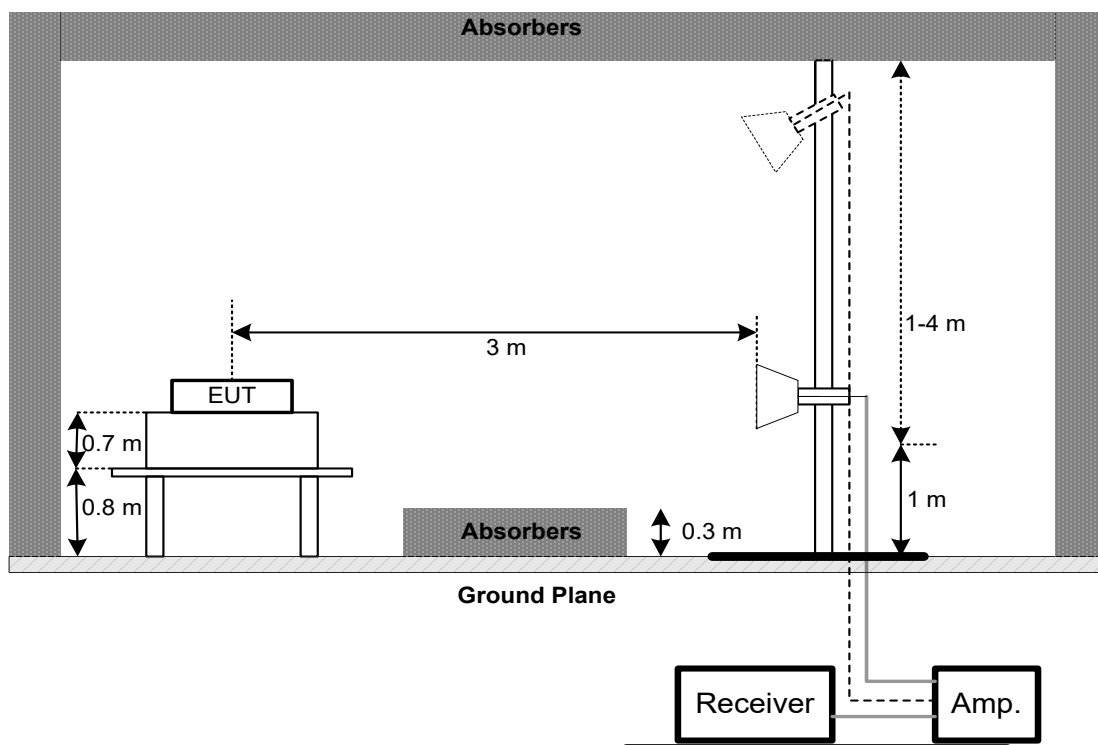
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

30 MHz to 1 GHz



Above 1 GHz



4.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.5 TEST RESULT – BELOW 30 MHZ

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

4.6 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

FCC Part15, Subpart E (15.407)		
Section	Test Item	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	5150-5250
	Minimum 500 kHz 6 dB Bandwidth	5725-5850

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:

For UNII-1:

Spectrum Parameter	Setting
Span Frequency	> 26 dB Bandwidth
RBW	Appromiximately 1% of the emission bandwidth
VBW	> RBW
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For UNII-3:

Spectrum Parameter	Setting
Span Frequency	> 6 dB Bandwidth
RBW	100 kHz
VBW	300 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

For 99% Occupied Bandwidth:

Spectrum Parameter	Setting
Span Frequency	1.5 times to 5 times the OBW
RBW	1% to 5% of the OBW
VBW	$\geq 3 \times \text{RBW}$
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- Measured the spectrum width with power higher than 26 dB / 6 dB below carrier.

5.3 TEST SETUP



5.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.5 TEST RESULT

Please refer to the APPENDIX D.

6 MAXIMUM OUTPUT POWER TEST

6.1 LIMIT

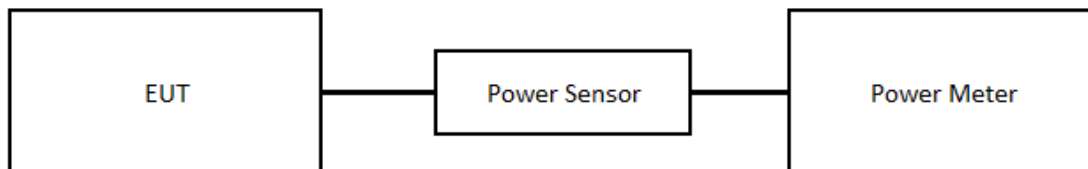
FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		1 Watt (30dBm)	5725-5850

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 power meter 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 TEST SETUP



6.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.5 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		30 dBm/500 kHz	5725-5850

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:

For UNII-1:

Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	1 MHz.
VBW	3 MHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

For UNII-3:

Spectrum Parameter	Setting
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	100 kHz.
VBW	300 kHz.
Detector	RMS
Trace average	100 trace
Sweep Time	Auto

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 100kHz and VBW at 300kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add $10 \log (500 \text{ kHz}/100 \text{ kHz})$ to the measured result, i.e. 7 dB.
- During the test of U-NII 3 PSD, the measurement result with RBW=100kHz has been added 7 dB by compensating offset. For example, the cable loss is 13 dB, and the final offset is $13 + 7 = 20 \text{ dB}$ when RBW=100kHz is used.

7.3 TEST SETUP**7.4 EUT OPERATING CONDITIONS**

The EUT was programmed to be in continuously transmitting mode.

7.5 TEST RESULT

Please refer to the APPENDIX F.

LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Reciver	MXE EMI Reciver	Agilent Technologies	N9038A	2023/6/26	2024/6/25
2	LISN	Two-Line V-Network	R&S	ENV216	2023/7/21	2024/7/20

Radiated Emissions_ Below 1G						
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	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
3	Pre-Amplifier	EMCI	EMC001330-202 01222	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

Radiated Emissions_ Above 1G						
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	2023/9/12	2024/9/11
7	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth & Maximum Output Power & Power Spectral Density & Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25

For the Straddle Channel:

Radiated Emissions_ Above 1G						
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	N9020B	MY59050137	2023/11/24	2024/11/23
7	Pre-Amplifier	EMCI	EMC184045SE	980512	2023/12/11	2024/12/10
8	Broad-Band Horn Antenna	Schwarzbeck	BBHA 9170	340	2024/6/27	2025/6/26
9	Test Cable	EMCI	EMC102-KM-KM-1000	220328	2023/12/11	2024/12/10
10	Test Cable	EMCI	EMC101G-KM-KM-3000	220330	2023/12/11	2024/12/10
11	Measurement Software	Farad	EZ_EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth & Power Spectral Density & Antenna conducted Spurious Emission						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2024/6/27	2025/6/26
2	10dbAttenuator	INMET	AHC-10dB	1	N/A	N/A
3	BTL-ConducredTest	BTL	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	2024/10/25	2025/10/24
2	20dbAttenuator	INMET	AHC-20dB	1	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.

8 EUT TEST PHOTO

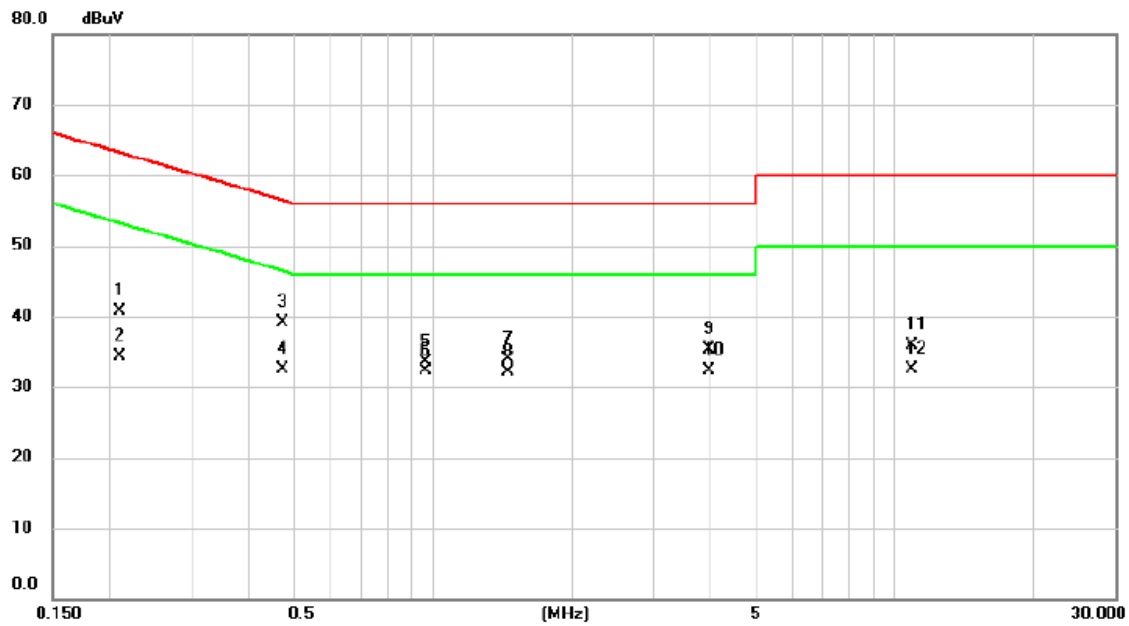
Please refer to APPENDIX-TEST PHOTOS

9 EUT PHOTOS

Please refer to APPENDIX-EUT PHOTOS

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/4/16
Phase	Line		

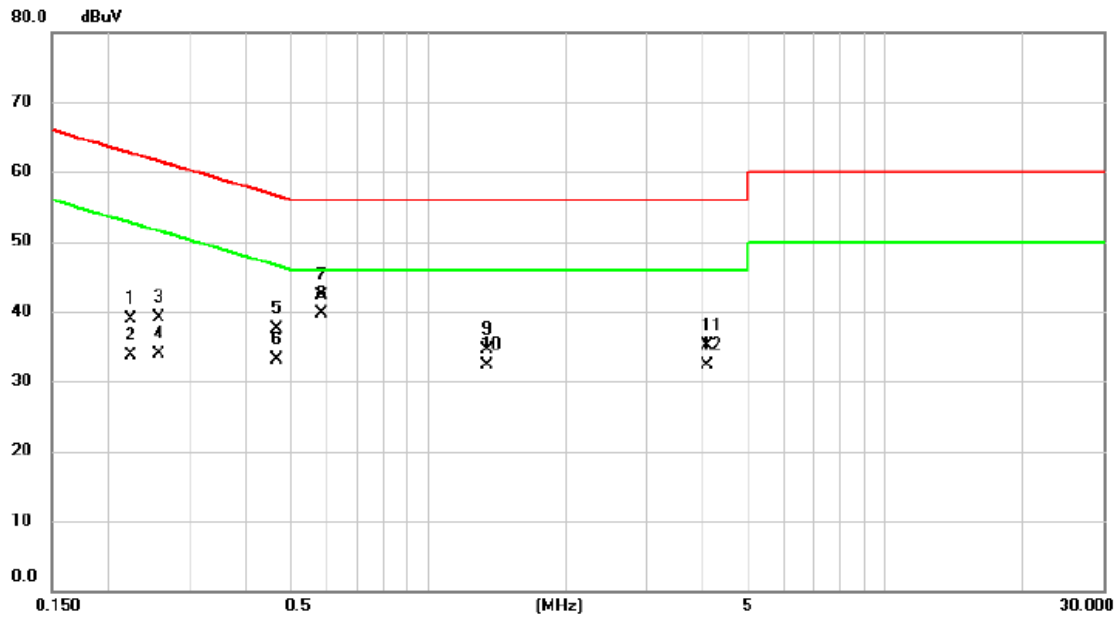


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.2091	31.12	9.67	40.79	63.24	-22.45	QP	
2		0.2091	24.60	9.67	34.27	53.24	-18.97	AVG	
3		0.4713	29.37	9.68	39.05	56.49	-17.44	QP	
4		0.4713	22.88	9.68	32.56	46.49	-13.93	AVG	
5		0.9680	23.86	9.73	33.59	56.00	-22.41	QP	
6	*	0.9680	22.61	9.73	32.34	46.00	-13.66	AVG	
7		1.4585	24.21	9.76	33.97	56.00	-22.03	QP	
8		1.4585	22.41	9.76	32.17	46.00	-13.83	AVG	
9		3.9740	25.42	9.87	35.29	56.00	-20.71	QP	
10		3.9740	22.35	9.87	32.22	46.00	-13.78	AVG	
11		10.8750	25.84	10.07	35.91	60.00	-24.09	QP	
12		10.8750	22.39	10.07	32.46	50.00	-17.54	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2024/4/16
Phase	Neutral		



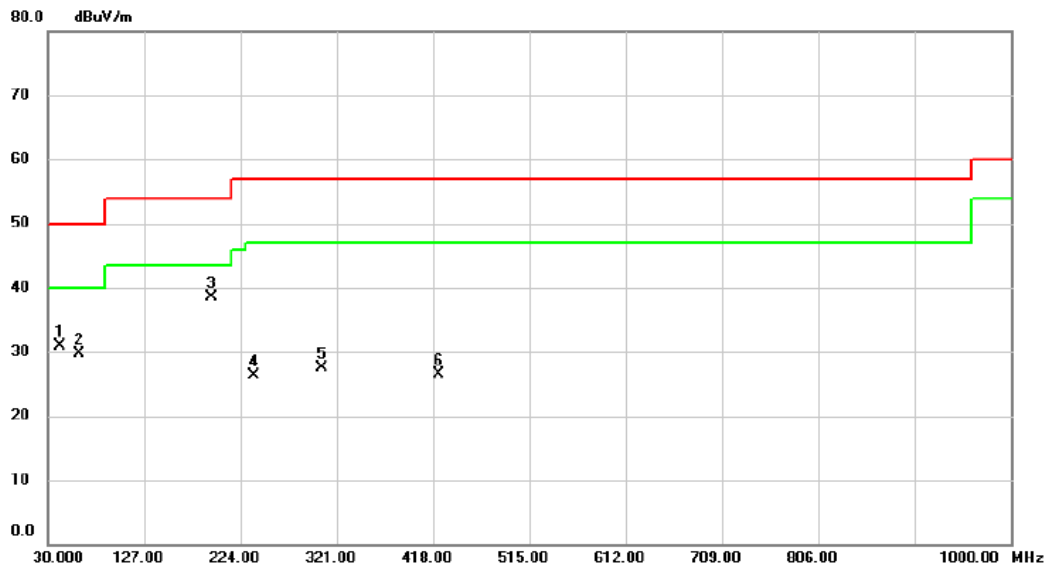
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.2235	29.18	9.66	38.84	62.69	-23.85	QP	
2		0.2235	24.12	9.66	33.78	52.69	-18.91	AVG	
3		0.2567	29.47	9.65	39.12	61.54	-22.42	QP	
4		0.2567	24.27	9.65	33.92	51.54	-17.62	AVG	
5		0.4661	27.82	9.68	37.50	56.58	-19.08	QP	
6		0.4661	23.47	9.68	33.15	46.58	-13.43	AVG	
7		0.5855	32.60	9.70	42.30	56.00	-13.70	QP	
8	*	0.5855	30.07	9.70	39.77	46.00	-6.23	AVG	
9		1.3460	24.66	9.75	34.41	56.00	-21.59	QP	
10		1.3460	22.58	9.75	32.33	46.00	-13.67	AVG	
11		4.0865	25.19	9.88	35.07	56.00	-20.93	QP	
12		4.0865	22.39	9.88	32.27	46.00	-13.73	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 802.11ac(VHT20)	Test Date	2024/4/11
Test Frequency	5180MHz	Polarization	Vertical

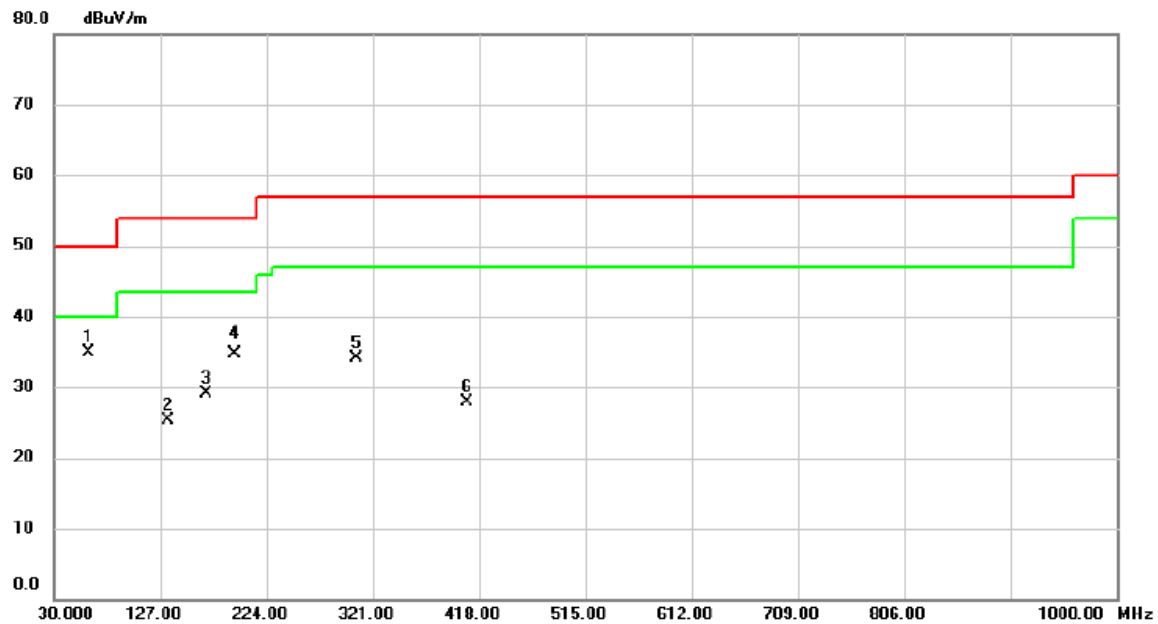


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		42.6100	43.06	-12.20	30.86	50.00	-19.14	peak	100	109
2		62.0100	41.87	-12.19	29.68	50.00	-20.32	peak	100	243
3	*	194.9000	52.57	-13.99	38.58	54.00	-15.42	peak	200	183
4		237.5800	38.95	-12.63	26.32	57.00	-30.68	peak	200	201
5		305.4800	37.66	-10.11	27.55	57.00	-29.45	peak	100	271
6		423.8200	33.36	-6.77	26.59	57.00	-30.41	peak	100	339

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/11
Test Frequency	5180MHz	Polarization	Horizontal



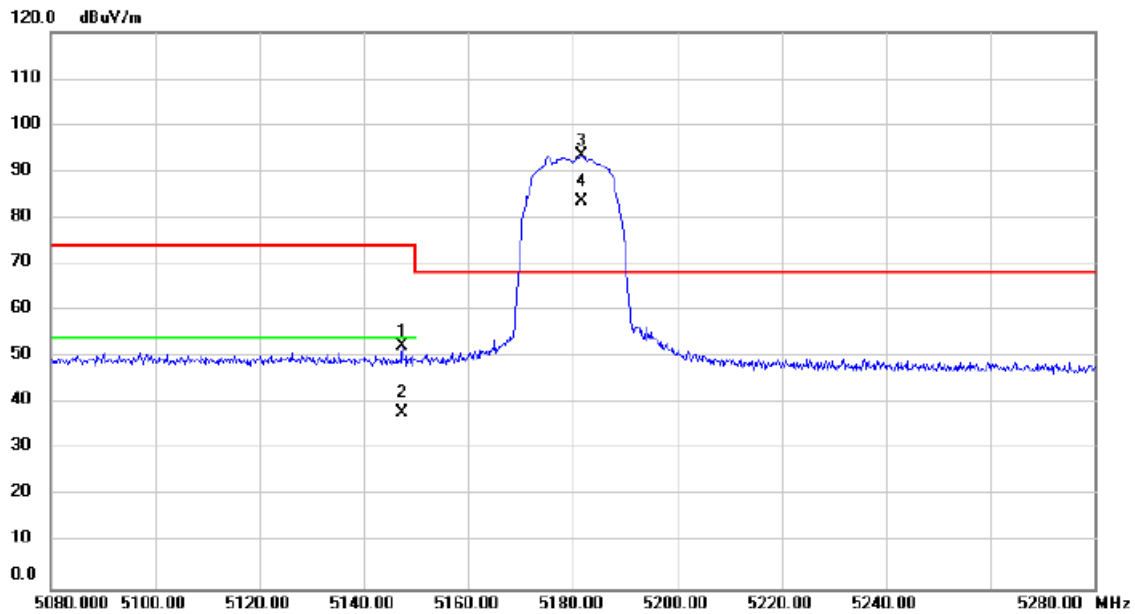
No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1	*	62.0100	47.00	-12.19	34.81	50.00	-15.19	peak	200	154
2		133.7900	37.99	-12.60	25.39	54.00	-28.61	peak	200	107
3		168.7100	40.88	-11.70	29.18	54.00	-24.82	peak	200	272
4		194.9000	48.78	-13.99	34.79	54.00	-19.21	QP	100	244
5		306.4500	44.16	-10.07	34.09	57.00	-22.91	peak	100	303
6		407.3300	35.07	-7.26	27.81	57.00	-29.19	peak	100	133

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	2024/1/4
Test Frequency	5180MHz	Polarization	Vertical

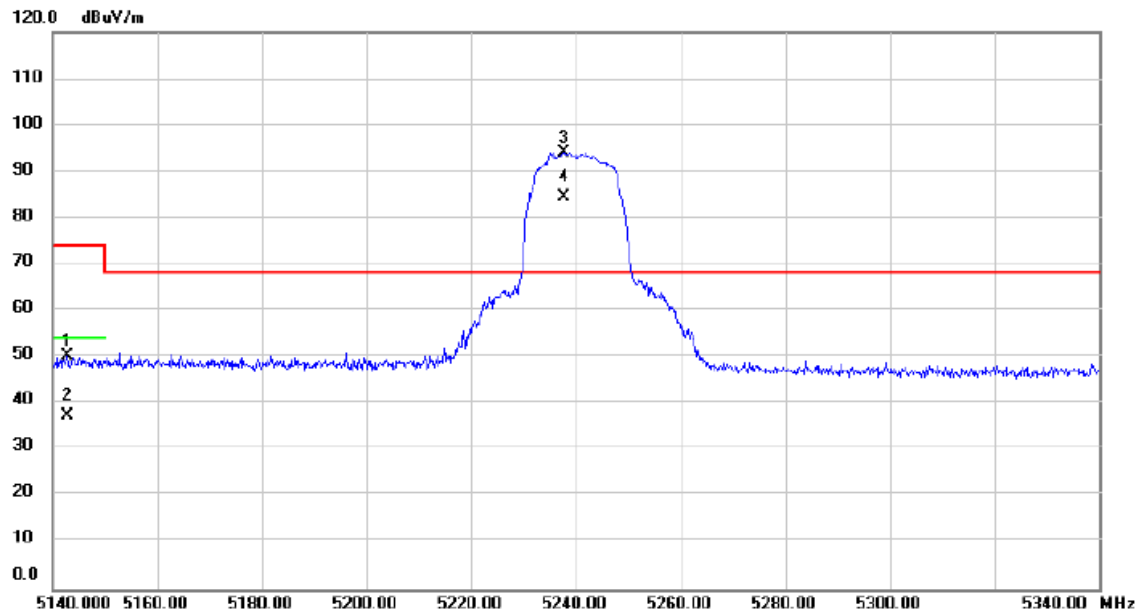


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5147.400	42.43	9.81	52.24	74.00	-21.76	peak		
2		5147.400	28.02	9.81	37.83	54.00	-16.17	AVG		
3	*	5181.800	83.69	9.84	93.53	68.20	25.33	peak		No Limit
4	X	5181.800	73.73	9.84	83.57	68.20	15.37	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	2024/1/4
Test Frequency	5240MHz	Polarization	Vertical

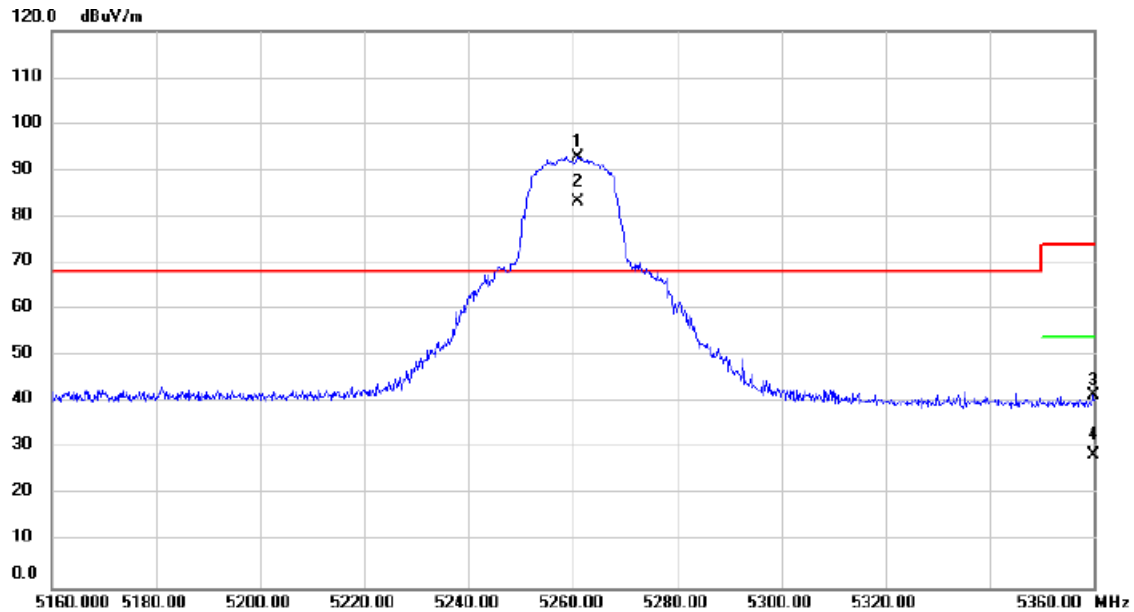


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5142.800	40.46	9.80	50.26	74.00	-23.74	peak		
2		5142.800	27.67	9.80	37.47	54.00	-16.53	AVG		
3	*	5237.600	84.18	9.89	94.07	68.20	25.87	peak		No Limit
4	X	5237.600	74.54	9.89	84.43	68.20	16.23	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	2024/6/12
Test Frequency	5260MHz	Polarization	Vertical

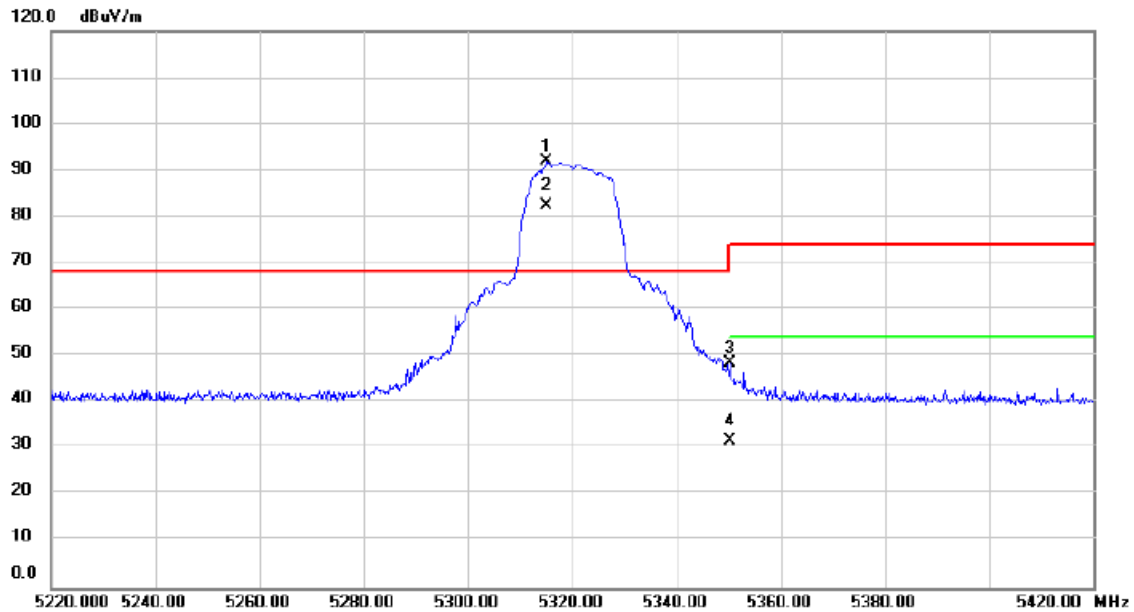


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	5261.000	90.96	1.98	92.94	68.20	24.74	peak		No Limit
2	X	5261.000	81.31	1.98	83.29	68.20	15.09	AVG		No Limit
3		5359.800	39.50	2.02	41.52	74.00	-32.48	peak		
4		5359.800	26.62	2.02	28.64	54.00	-25.36	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/12
Test Frequency	5320MHz	Polarization	Vertical

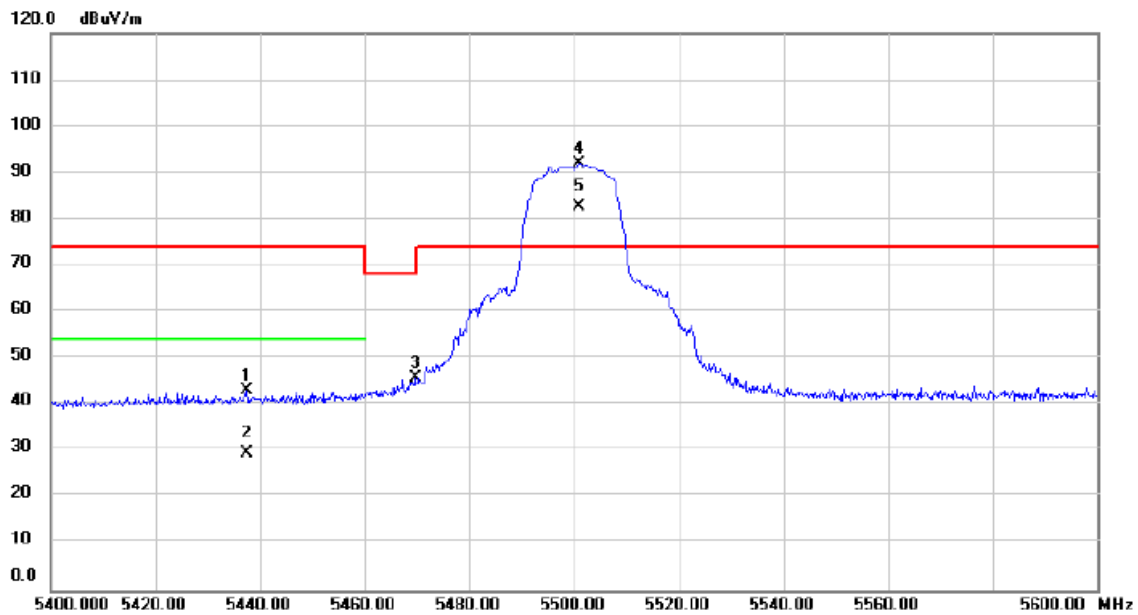


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5315.200	89.82	1.99	91.81	68.20	23.61	peak		No Limit
2	X	5315.200	80.33	1.99	82.32	68.20	14.12	AVG		No Limit
3		5350.200	46.54	2.01	48.55	74.00	-25.45	peak		
4		5350.200	29.71	2.01	31.72	54.00	-22.28	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/12
Test Frequency	5500MHz	Polarization	Vertical

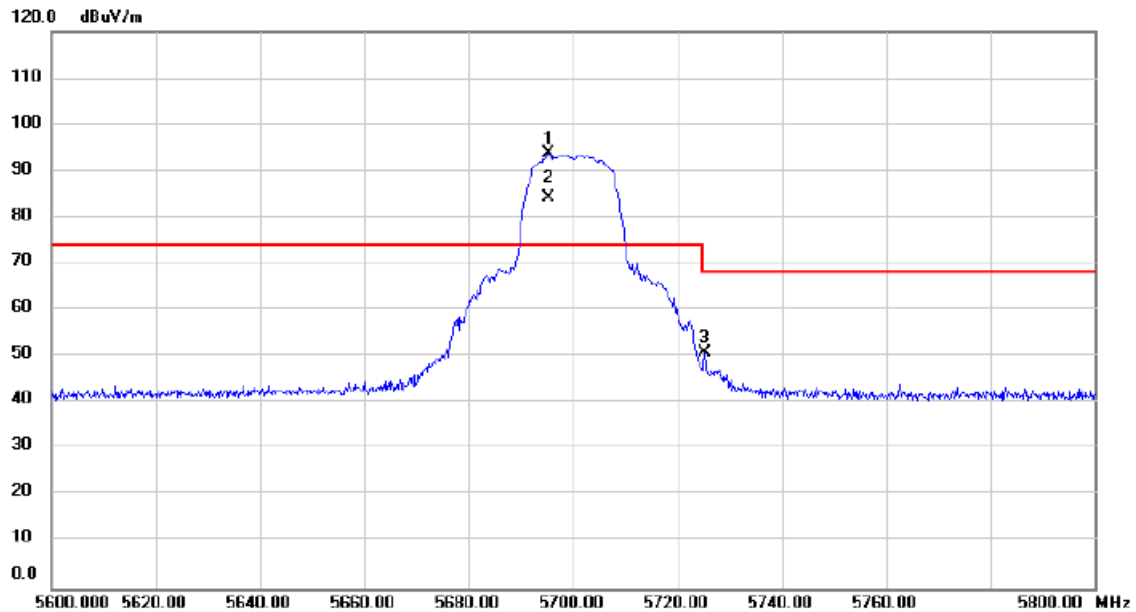


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5437.400	40.94	2.05	42.99	74.00	-31.01	peak			
2		5437.400	27.36	2.05	29.41	54.00	-24.59	AVG			
3		5469.600	43.70	2.05	45.75	68.20	-22.45	peak			
4	*	5501.000	89.90	2.07	91.97	74.00	17.97	peak			No Limit
5	X	5501.000	80.44	2.07	82.51	74.00	8.51	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	2024/6/12
Test Frequency	5700MHz	Polarization	Vertical

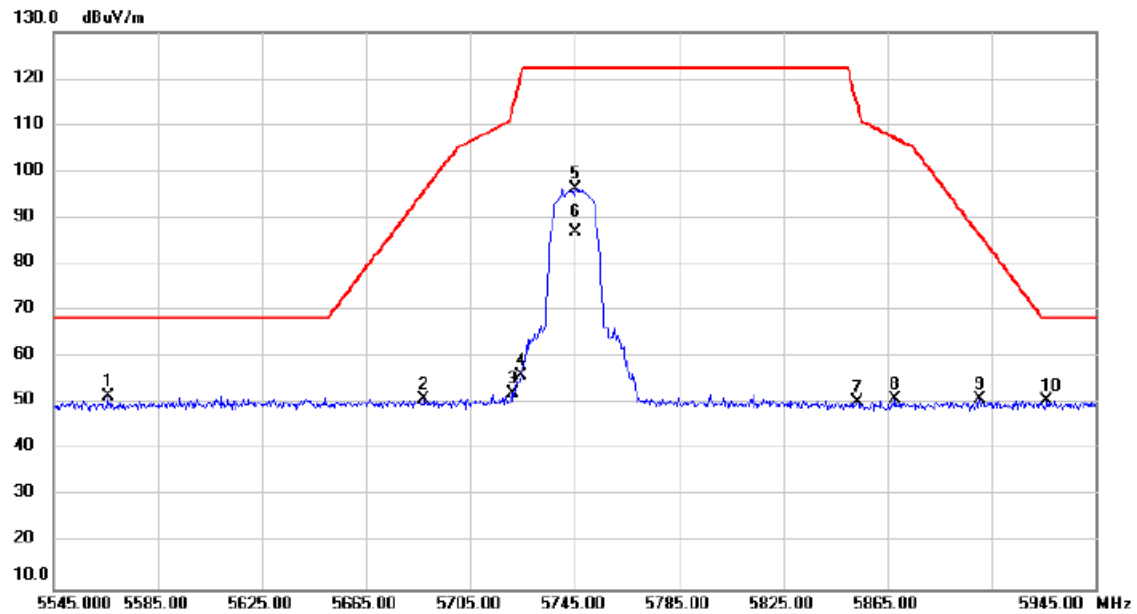


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5695.400	91.47	2.37	93.84	74.00	19.84	peak		No Limit
2	X	5695.400	81.67	2.37	84.04	74.00	10.04	AVG		No Limit
3		5725.200	48.51	2.42	50.93	68.20	-17.27	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/1/4
Test Frequency	5745MHz	Polarization	Vertical



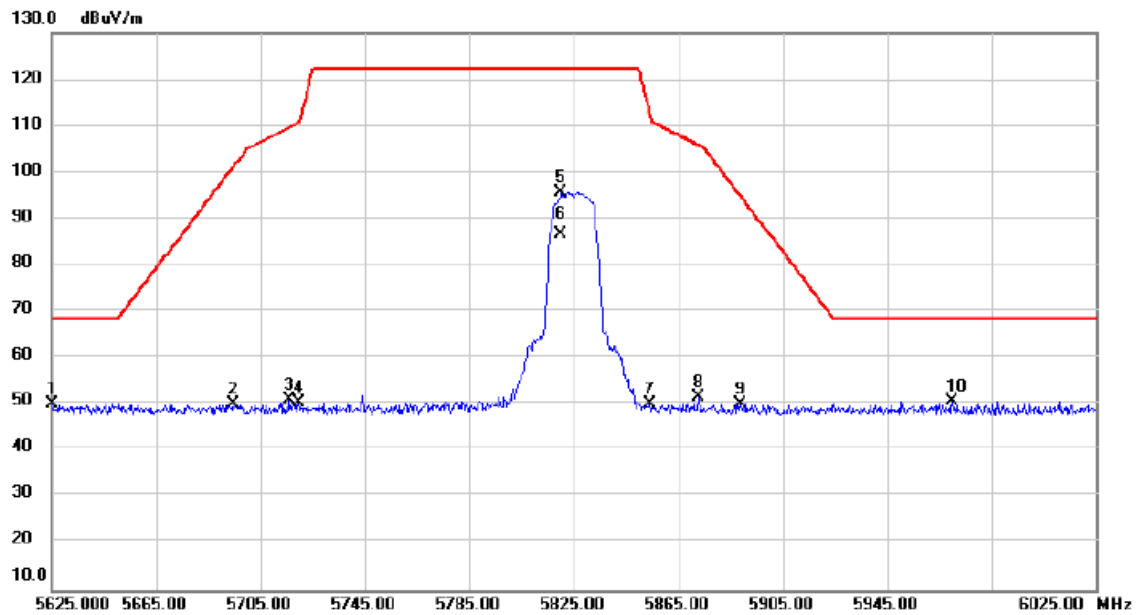
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5565.800	41.41	10.25	51.66	68.20	-16.54	peak		
2		5687.400	40.36	10.48	50.84	95.91	-45.07	peak		
3		5721.000	41.72	10.54	52.26	113.08	-60.82	peak		
4		5724.600	45.46	10.54	56.00	121.29	-65.29	peak		
5		5745.400	85.77	10.58	96.35	122.20	-25.85	peak		No Limit
6		5745.400	76.49	10.58	87.07	122.20	-35.13	AVG		No Limit
7		5853.400	39.66	10.77	50.43	114.45	-64.02	peak		
8		5868.200	40.07	10.80	50.87	107.10	-56.23	peak		
9		5900.600	40.11	10.86	50.97	86.22	-35.25	peak		
10		5926.200	39.85	10.91	50.76	68.20	-17.44	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/1/4
Test Frequency	5825MHz	Polarization	Vertical

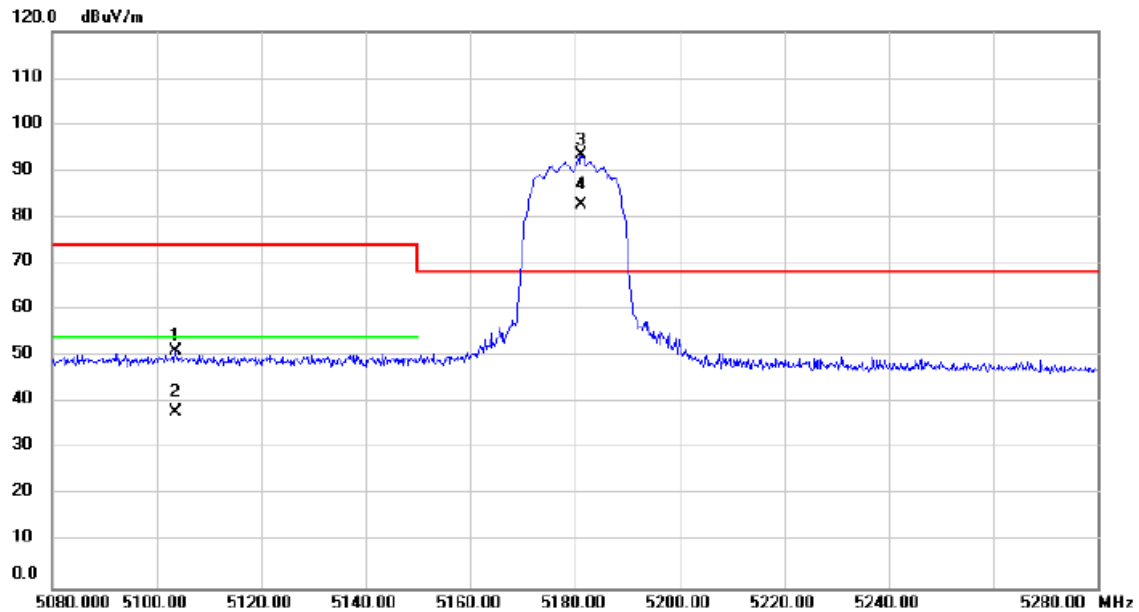


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5625.400	39.74	10.37	50.11	68.20	-18.09	peak		
2		5694.600	39.67	10.48	50.15	101.22	-51.07	peak		
3		5716.200	40.46	10.53	50.99	109.74	-58.75	peak		
4		5719.800	39.95	10.53	50.48	110.74	-60.26	peak		
5		5820.200	85.05	10.71	95.76	122.20	-26.44	peak		No Limit
6		5820.200	75.95	10.71	86.66	122.20	-35.54	AVG		No Limit
7		5854.200	39.18	10.78	49.96	112.62	-62.66	peak		
8		5872.600	40.78	10.81	51.59	105.87	-54.28	peak		
9		5888.600	39.17	10.84	50.01	95.10	-45.09	peak		
10	*	5969.800	39.79	10.98	50.77	68.20	-17.43	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/12
Test Frequency	5180MHz	Polarization	Vertical

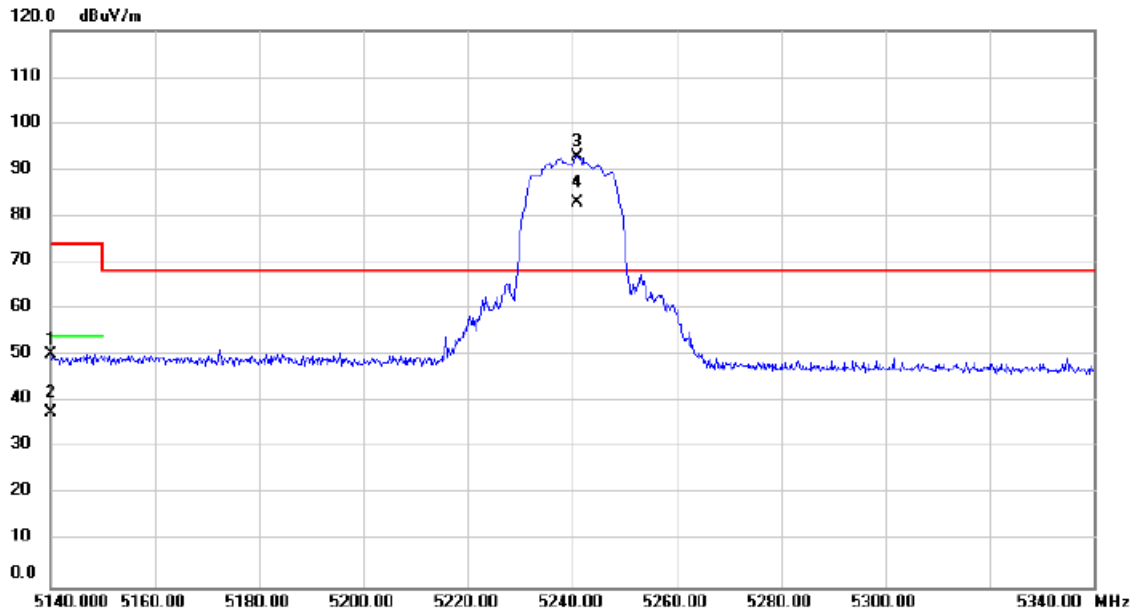


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5103.600	41.35	9.76	51.11	74.00	-22.89	peak		
2		5103.600	28.18	9.76	37.94	54.00	-16.06	AVG		
3	*	5181.200	83.50	9.84	93.34	68.20	25.14	peak		No Limit
4	X	5181.200	72.88	9.84	82.72	68.20	14.52	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	2024/4/12
Test Frequency	5240MHz	Polarization	Vertical

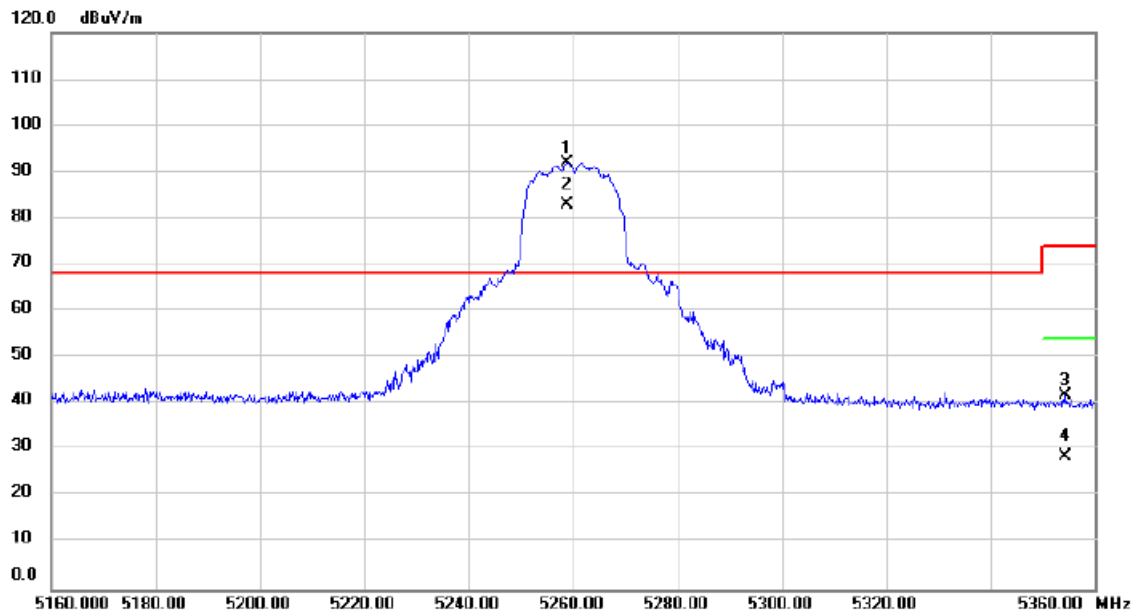


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5140.200	40.59	9.79	50.38	74.00	-23.62	peak		
2		5140.200	27.85	9.79	37.64	54.00	-16.36	AVG		
3	*	5241.000	83.06	9.90	92.96	68.20	24.76	peak		No Limit
4	X	5241.000	73.00	9.90	82.90	68.20	14.70	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	2024/6/12
Test Frequency	5260MHz	Polarization	Vertical

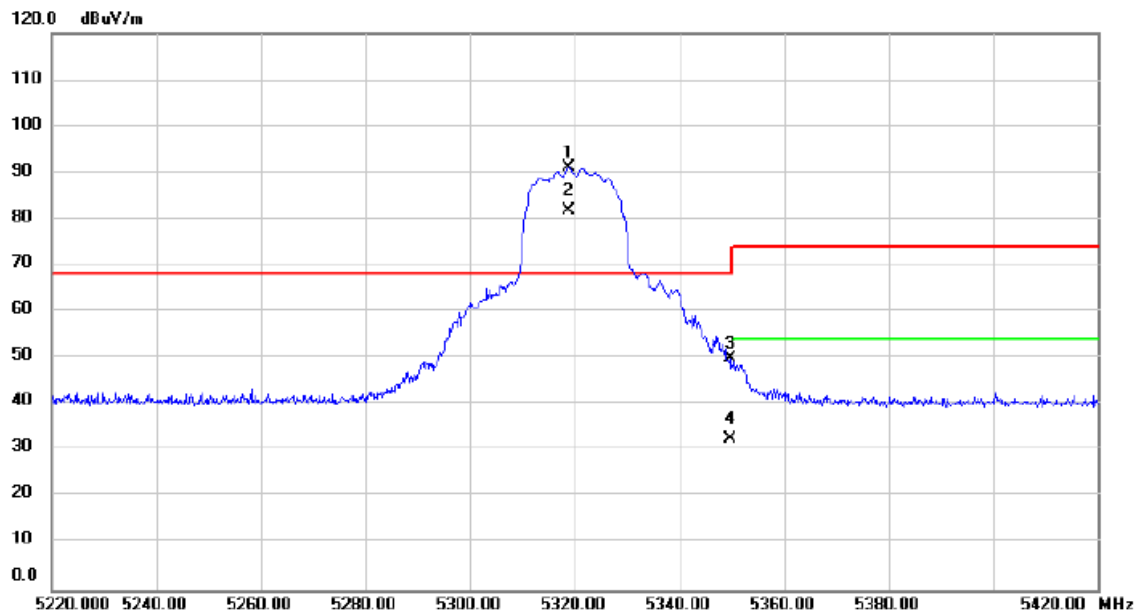


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5258.800	90.08	1.97	92.05	68.20	23.85	peak		No Limit
2	X	5258.800	80.86	1.97	82.83	68.20	14.63	AVG		No Limit
3		5354.400	39.84	2.00	41.84	74.00	-32.16	peak		
4		5354.400	26.66	2.00	28.66	54.00	-25.34	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/12
Test Frequency	5320MHz	Polarization	Vertical

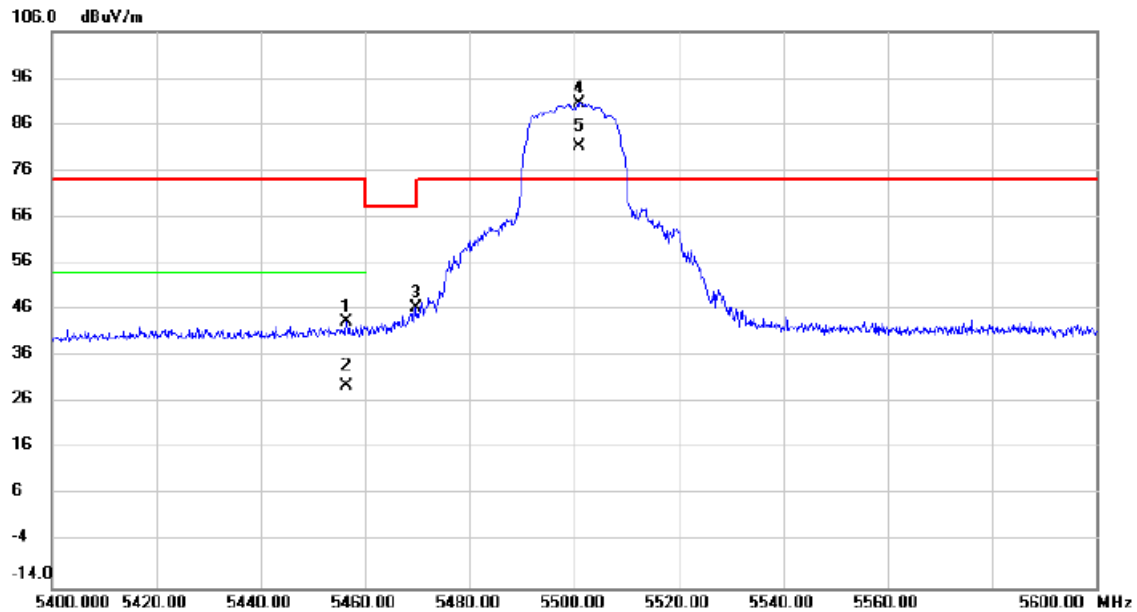


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5318.800	89.04	2.00	91.04	68.20	22.84	peak		No Limit
2	X	5318.800	79.78	2.00	81.78	68.20	13.58	AVG		No Limit
3		5349.600	47.85	2.01	49.86	68.20	-18.34	peak		
4		5349.600	30.40	2.01	32.41	68.20	-35.79	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/12
Test Frequency	5500MHz	Polarization	Vertical

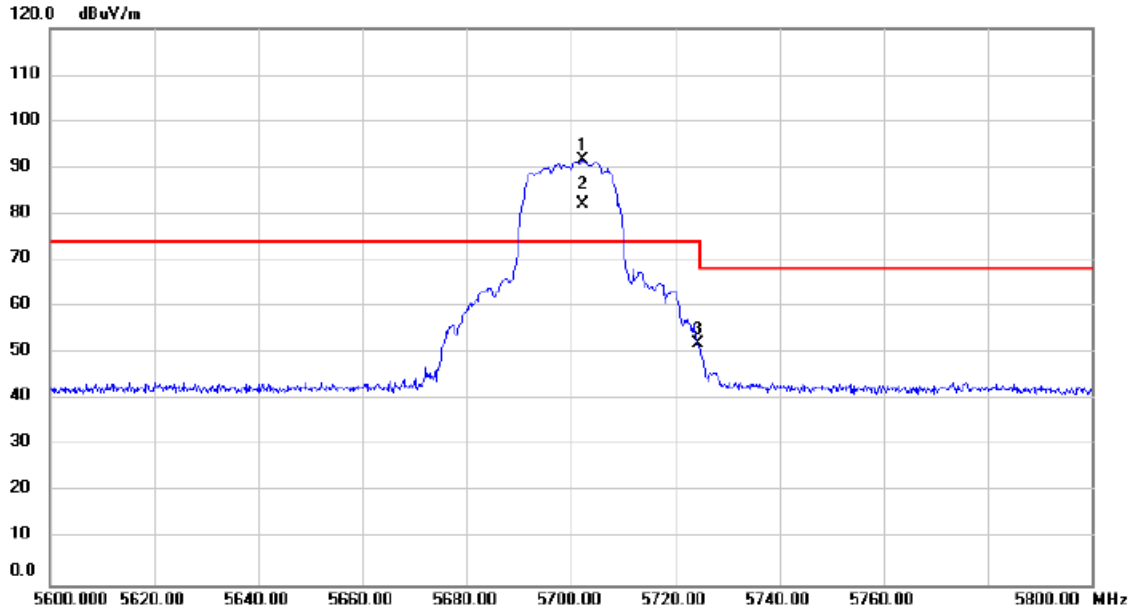


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5456.400	41.29	2.05	43.34	74.00	-30.66	peak		
2		5456.400	27.58	2.05	29.63	54.00	-24.37	AVG		
3		5469.800	44.31	2.05	46.36	68.20	-21.84	peak		
4	*	5501.000	88.61	2.07	90.68	74.00	16.68	peak		No Limit
5	X	5501.000	79.22	2.07	81.29	74.00	7.29	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	2024/6/12
Test Frequency	5700MHz	Polarization	Vertical

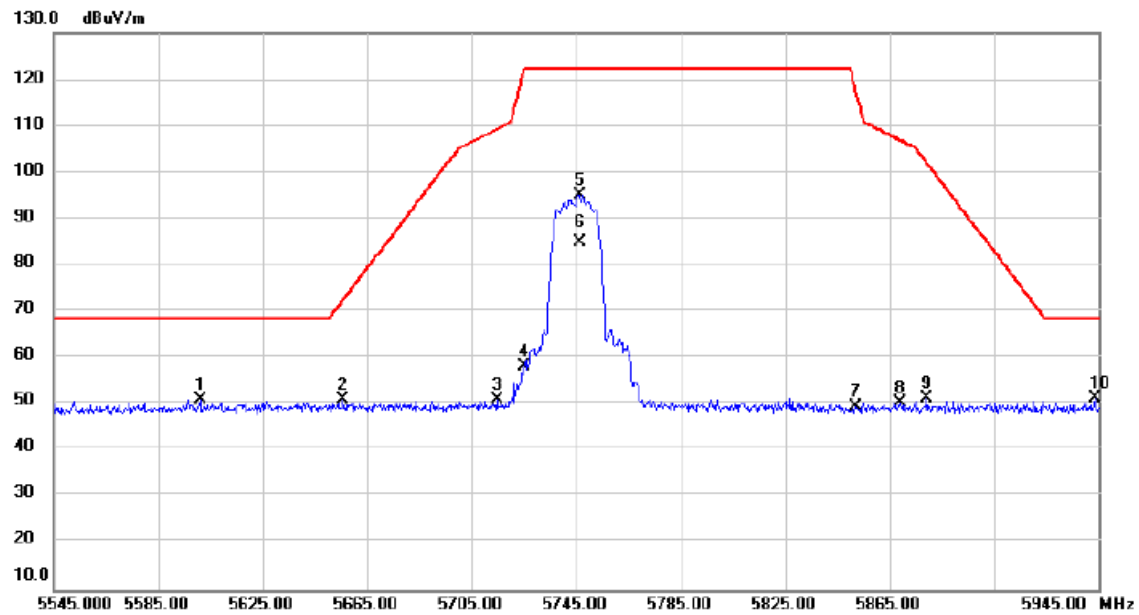


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5702.400	89.36	2.39	91.75	74.00	17.75	peak		No Limit
2	X	5702.400	79.66	2.39	82.05	74.00	8.05	AVG		No Limit
3		5724.400	49.75	2.42	52.17	74.00	-21.83	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/12
Test Frequency	5745MHz	Polarization	Vertical



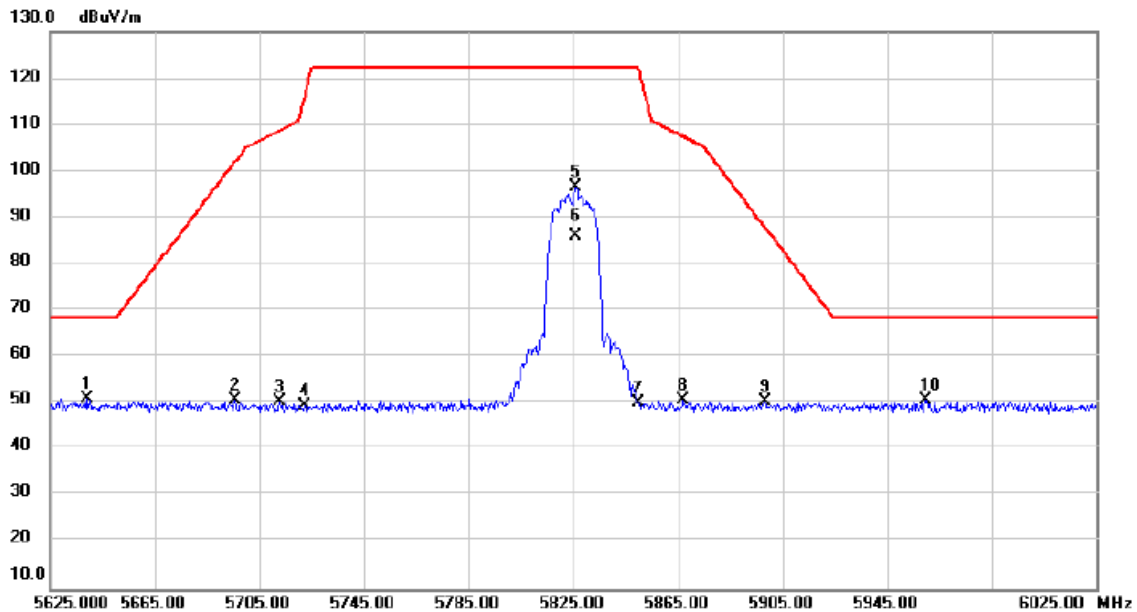
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5601.000	40.64	10.32	50.96	68.20	-17.24	peak		
2		5655.800	40.42	10.43	50.85	72.51	-21.66	peak		
3		5714.600	40.56	10.53	51.09	109.29	-58.20	peak		
4		5725.000	47.61	10.54	58.15	122.20	-64.05	peak		
5		5746.200	84.58	10.59	95.17	122.20	-27.03	peak		No Limit
6		5746.200	74.39	10.59	84.98	122.20	-37.22	AVG		No Limit
7		5851.800	38.79	10.77	49.56	118.09	-68.53	peak		
8		5869.000	39.65	10.80	50.45	106.88	-56.43	peak		
9		5879.400	40.29	10.83	51.12	101.93	-50.81	peak		
10	*	5943.800	40.24	10.93	51.17	68.20	-17.03	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/12
Test Frequency	5825MHz	Polarization	Vertical

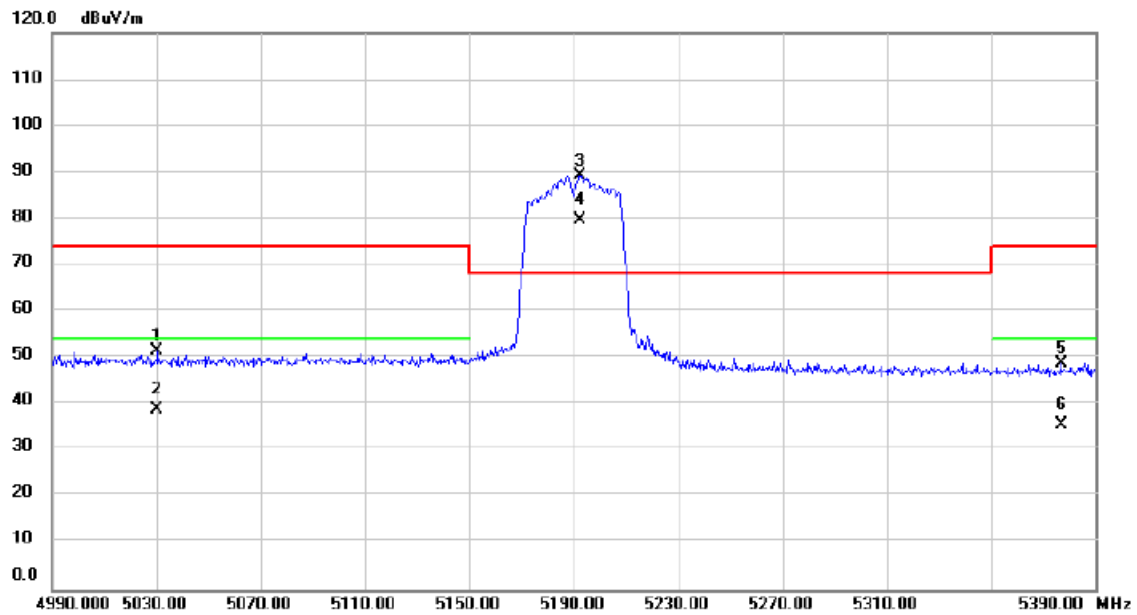


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1	*	5639.000	40.47	10.39	50.86	68.20	-17.34	peak			
2		5695.800	40.30	10.48	50.78	102.10	-51.32	peak			
3		5712.600	39.75	10.52	50.27	108.73	-58.46	peak			
4		5722.200	38.88	10.54	49.42	115.82	-66.40	peak			
5		5825.800	85.95	10.72	96.67	122.20	-25.53	peak			No Limit
6		5825.800	75.34	10.72	86.06	122.20	-36.14	AVG			No Limit
7		5849.800	39.39	10.77	50.16	122.20	-72.04	peak			
8		5867.000	39.83	10.80	50.63	107.44	-56.81	peak			
9		5898.200	39.46	10.86	50.32	87.99	-37.67	peak			
10		5959.800	39.67	10.96	50.63	68.20	-17.57	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/12
Test Frequency	5190MHz	Polarization	Vertical

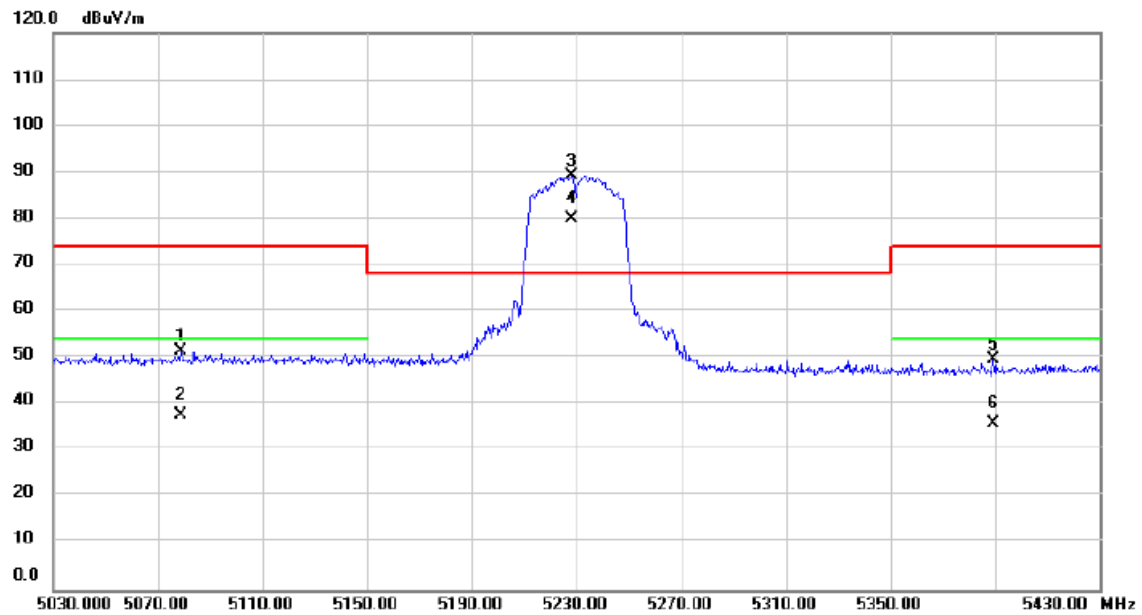


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5030.400	41.66	9.70	51.36	74.00	-22.64	peak		
2		5030.400	29.21	9.70	38.91	54.00	-15.09	AVG		
3	*	5192.400	79.42	9.86	89.28	68.20	21.08	peak		No Limit
4	X	5192.400	69.90	9.86	79.76	68.20	11.56	AVG		No Limit
5		5376.800	38.84	10.03	48.87	74.00	-25.13	peak		
6		5376.800	25.57	10.03	35.60	54.00	-18.40	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/12
Test Frequency	5230MHz	Polarization	Vertical



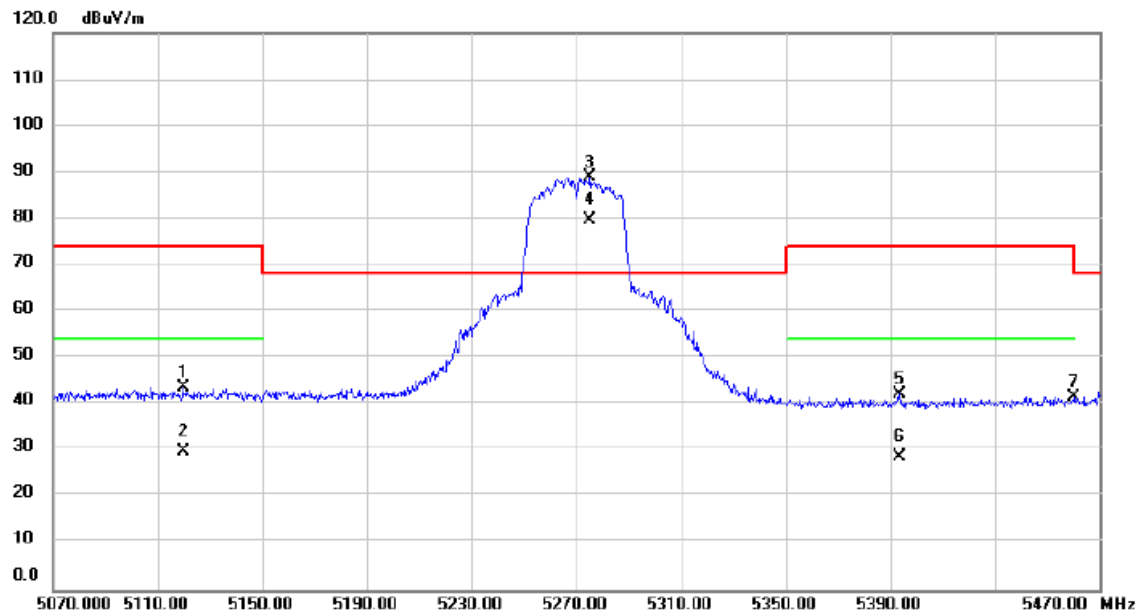
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5078.800	41.84	9.75	51.59	74.00	-22.41	peak		
2		5078.800	27.91	9.75	37.66	54.00	-16.34	AVG		
3	*	5228.400	79.39	9.89	89.28	68.20	21.08	peak		No Limit
4	X	5228.400	70.19	9.89	80.08	68.20	11.88	AVG		No Limit
5		5389.200	39.56	10.03	49.59	74.00	-24.41	peak		
6		5389.200	25.80	10.03	35.83	54.00	-18.17	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/12
Test Frequency	5270MHz	Polarization	Vertical

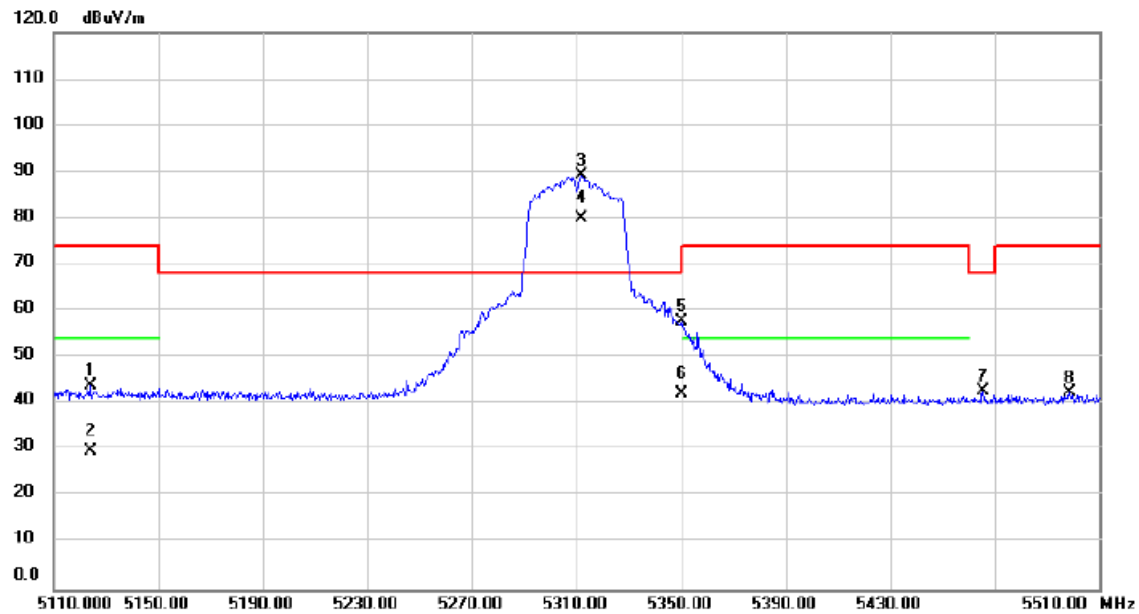


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5119.600	41.65	1.91	43.56	74.00	-30.44	peak		
2		5119.600	27.94	1.91	29.85	54.00	-24.15	AVG		
3	*	5275.200	87.01	1.98	88.99	68.20	20.79	peak		No Limit
4	X	5275.200	77.60	1.98	79.58	68.20	11.38	AVG		No Limit
5		5393.600	40.16	2.03	42.19	74.00	-31.81	peak		
6		5393.600	26.67	2.03	28.70	54.00	-25.30	AVG		
7		5460.400	39.44	2.06	41.50	68.20	-26.70	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/12
Test Frequency	5310MHz	Polarization	Vertical

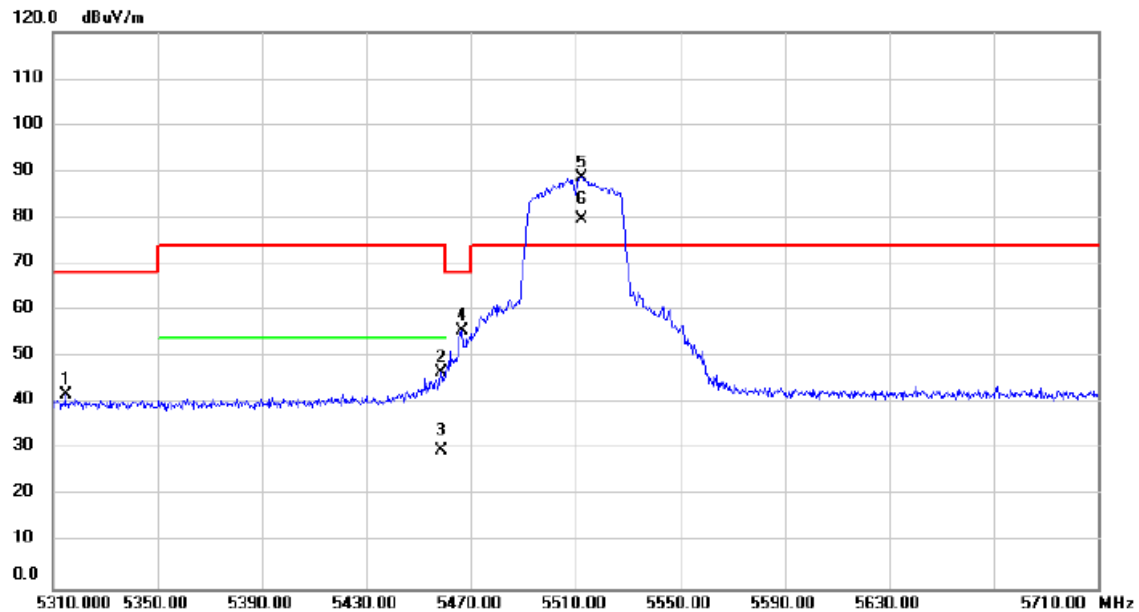


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		5124.000	41.98	1.91	43.89	74.00	-30.11	peak			
2		5124.000	27.91	1.91	29.82	54.00	-24.18	AVG			
3	*	5312.000	87.19	2.00	89.19	68.20	20.99	peak			No Limit
4	X	5312.000	77.84	2.00	79.84	68.20	11.64	AVG			No Limit
5		5350.000	55.69	2.01	57.70	74.00	-16.30	peak			
6		5350.000	40.00	2.01	42.01	54.00	-11.99	AVG			
7		5465.600	40.58	2.05	42.63	68.20	-25.57	peak			
8		5498.400	40.43	2.07	42.50	74.00	-31.50	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/12
Test Frequency	5510MHz	Polarization	Vertical

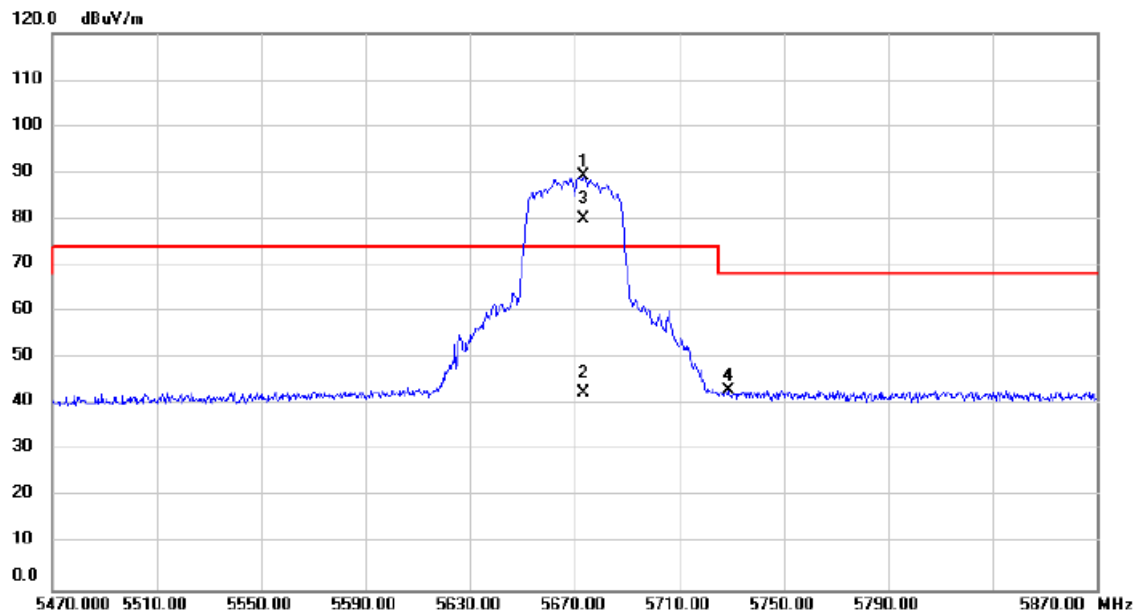


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5314.800	39.99	1.99	41.98	68.20	-26.22	peak		
2		5458.400	44.67	2.06	46.73	74.00	-27.27	peak		
3		5458.400	27.76	2.06	29.82	54.00	-24.18	AVG		
4		5466.400	53.47	2.05	55.52	68.20	-12.68	peak		
5	*	5512.400	86.71	2.09	88.80	74.00	14.80	peak		No Limit
6	X	5512.400	77.58	2.09	79.67	74.00	5.67	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	2024/6/12
Test Frequency	5670MHz	Polarization	Vertical

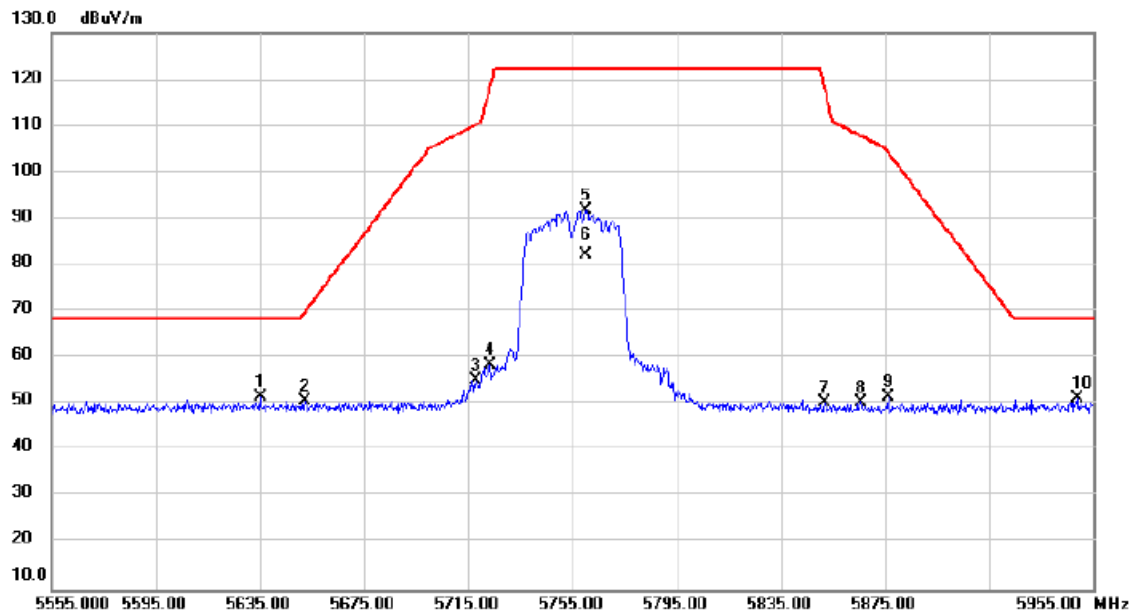


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5673.600	86.82	2.34	89.16	74.00	15.16	peak		No Limit
2		5673.600	40.00	2.34	42.34	74.00	-31.66	QP		
3	X	5673.600	77.65	2.34	79.99	74.00	5.99	AVG		
4		5728.800	40.72	2.43	43.15	68.20	-25.05	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/12
Test Frequency	5755MHz	Polarization	Vertical

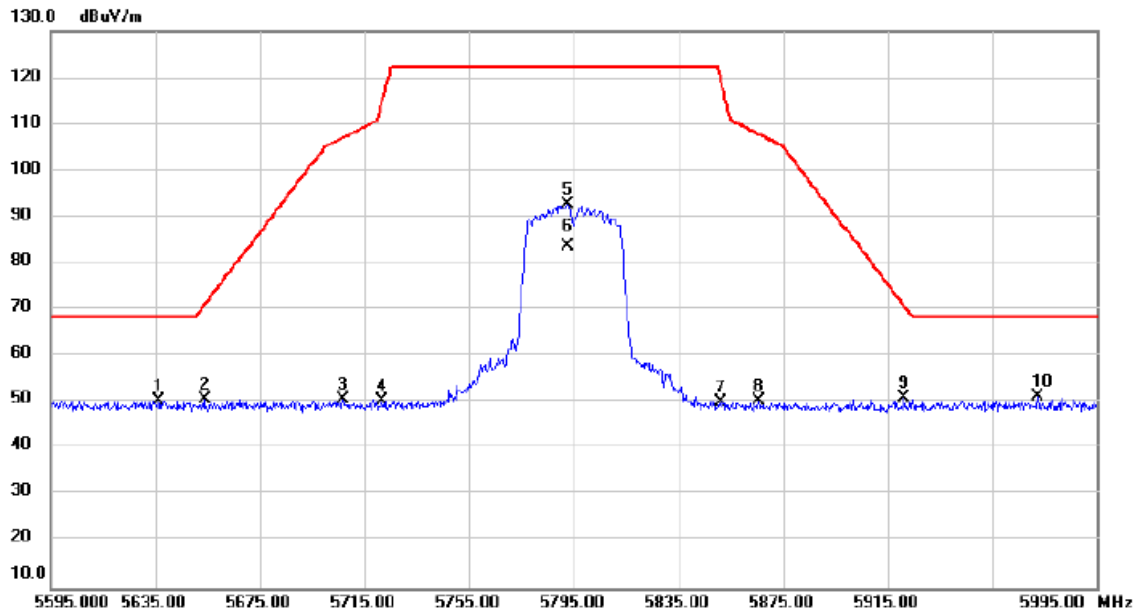


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5635.000	41.06	10.38	51.44	68.20	-16.76	peak		
2		5652.200	40.34	10.41	50.75	69.83	-19.08	peak		
3		5718.200	44.71	10.53	55.24	110.30	-55.06	peak		
4		5723.000	47.79	10.54	58.33	117.64	-59.31	peak		
5		5760.200	81.19	10.61	91.80	122.20	-30.40	peak		No Limit
6		5760.200	71.62	10.61	82.23	122.20	-39.97	AVG		No Limit
7		5851.800	39.55	10.77	50.32	118.09	-67.77	peak		
8		5865.800	39.70	10.80	50.50	107.77	-57.27	peak		
9		5876.200	40.79	10.82	51.61	104.31	-52.70	peak		
10		5948.600	40.38	10.95	51.33	68.20	-16.87	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/12
Test Frequency	5795MHz	Polarization	Vertical

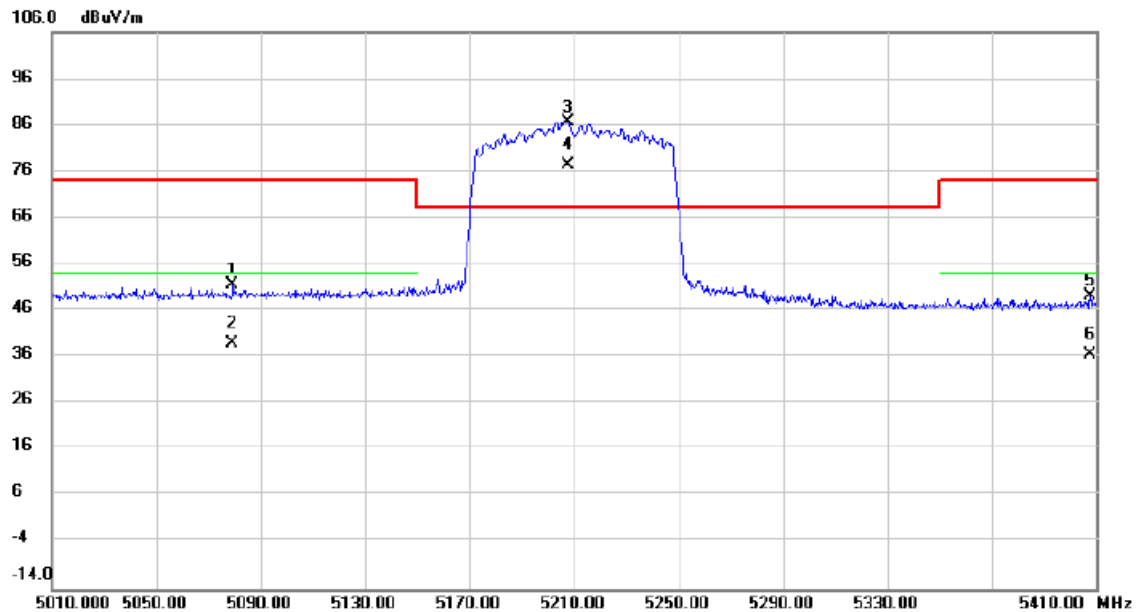


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5636.200	40.02	10.38	50.40	68.20	-17.80			peak
2		5653.800	40.34	10.41	50.75	71.02	-20.27			peak
3		5706.600	40.02	10.51	50.53	107.05	-56.52			peak
4		5721.800	39.76	10.54	50.30	114.91	-64.61			peak
5		5792.600	82.11	10.67	92.78	122.20	-29.42			peak
6		5792.600	72.90	10.67	83.57	122.20	-38.63			AVG
7		5851.400	39.23	10.77	50.00	119.01	-69.01			peak
8		5865.800	39.49	10.80	50.29	107.77	-57.48			peak
9		5921.400	39.93	10.91	50.84	70.85	-20.01			peak
10	*	5972.200	40.22	10.99	51.21	68.20	-16.99			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/4/12
Test Frequency	5210MHz	Polarization	Vertical

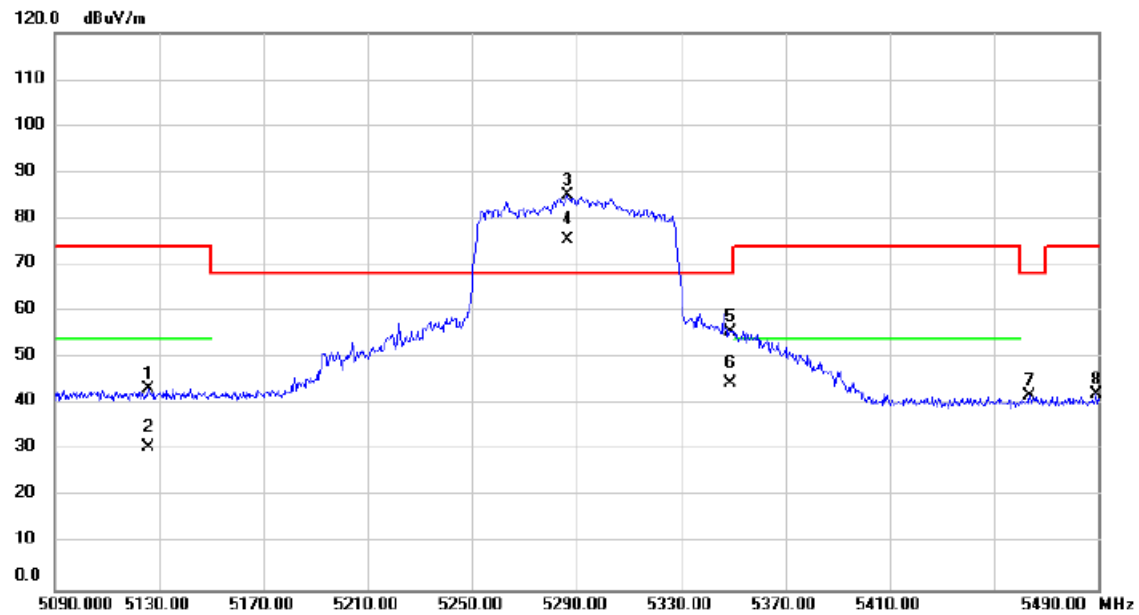


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Detector	Comment
1		5079.200	41.85	9.75	51.60	74.00	-22.40			peak	
2		5079.200	29.26	9.75	39.01	54.00	-14.99			AVG	
3	*	5207.600	76.90	9.86	86.76	68.20	18.56			peak	No Limit
4	X	5207.600	67.49	9.86	77.35	68.20	9.15			AVG	No Limit
5		5407.600	39.00	10.05	49.05	74.00	-24.95			peak	
6		5407.600	26.47	10.05	36.52	54.00	-17.48			AVG	

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/12
Test Frequency	5290MHz	Polarization	Vertical

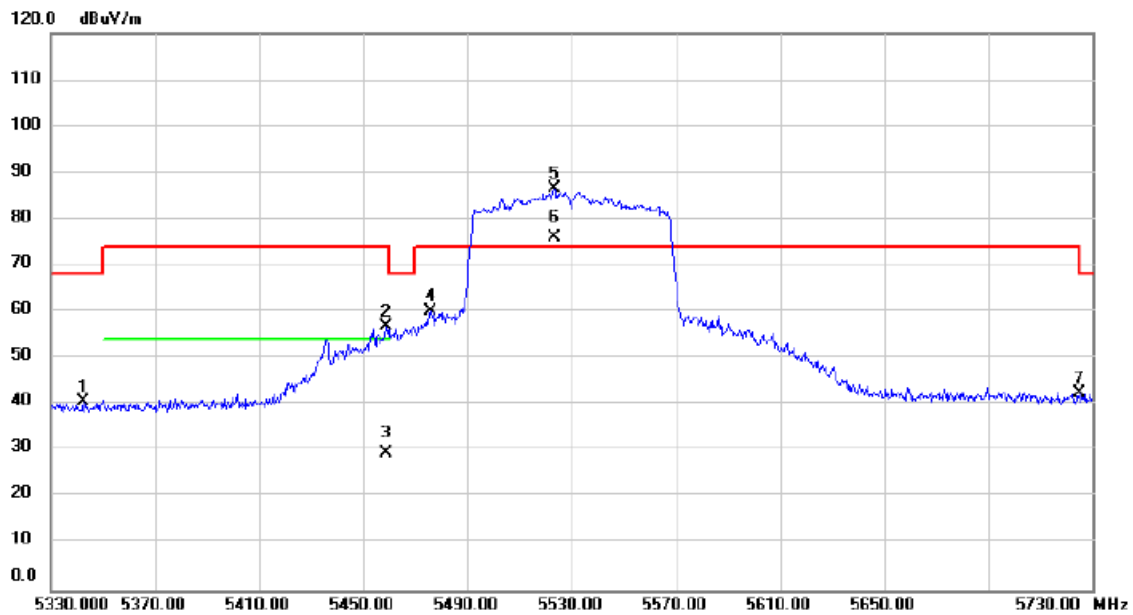


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5126.000	41.56	1.93	43.49	74.00	-30.51	peak		
2		5126.000	28.84	1.93	30.77	54.00	-23.23	AVG		
3	*	5286.400	83.03	1.98	85.01	68.20	16.81	peak		No Limit
4	X	5286.400	73.35	1.98	75.33	68.20	7.13	AVG		No Limit
5		5348.800	53.74	2.01	55.75	68.20	-12.45	peak		
6		5348.800	42.53	2.01	44.54	68.20	-23.66	AVG		
7		5463.600	39.67	2.06	41.73	68.20	-26.47	peak		
8		5489.200	40.06	2.06	42.12	74.00	-31.88	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/12
Test Frequency	5530MHz	Polarization	Vertical

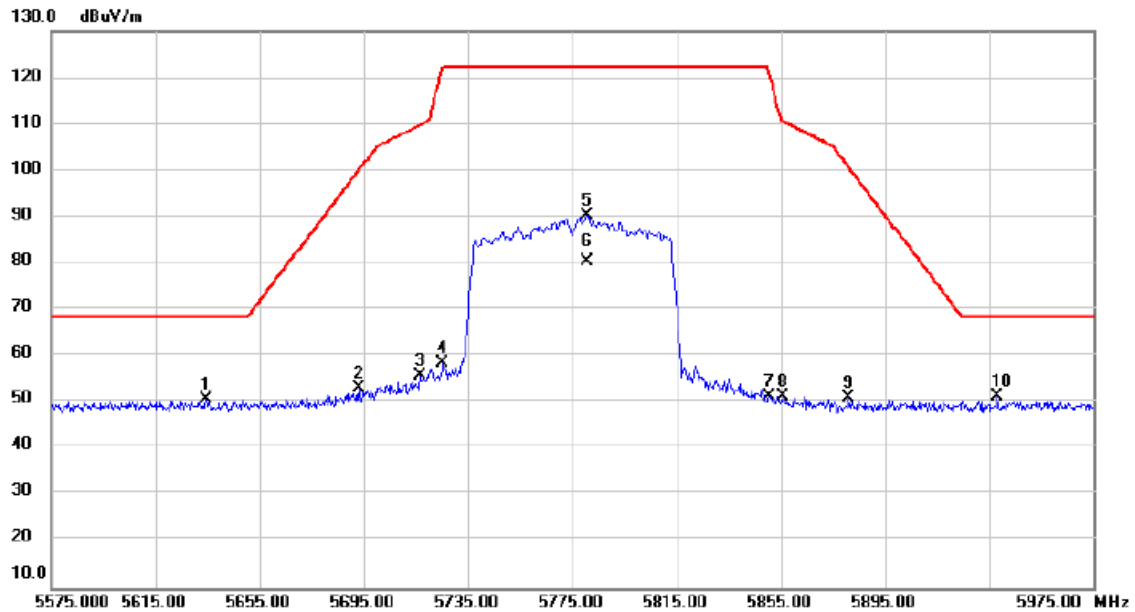


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5342.400	38.74	2.01	40.75	68.20	-27.45	peak			
2		5458.800	54.70	2.06	56.76	74.00	-17.24	peak			
3		5458.800	27.59	2.06	29.65	54.00	-24.35	AVG			
4		5475.600	58.07	2.07	60.14	74.00	-13.86	peak			
5	*	5523.200	84.35	2.11	86.46	74.00	12.46	peak			No Limit
6	X	5523.200	73.87	2.11	75.98	74.00	1.98	AVG			No Limit
7		5725.200	39.95	2.42	42.37	68.20	-25.83	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/1/4
Test Frequency	5775MHz	Polarization	Vertical



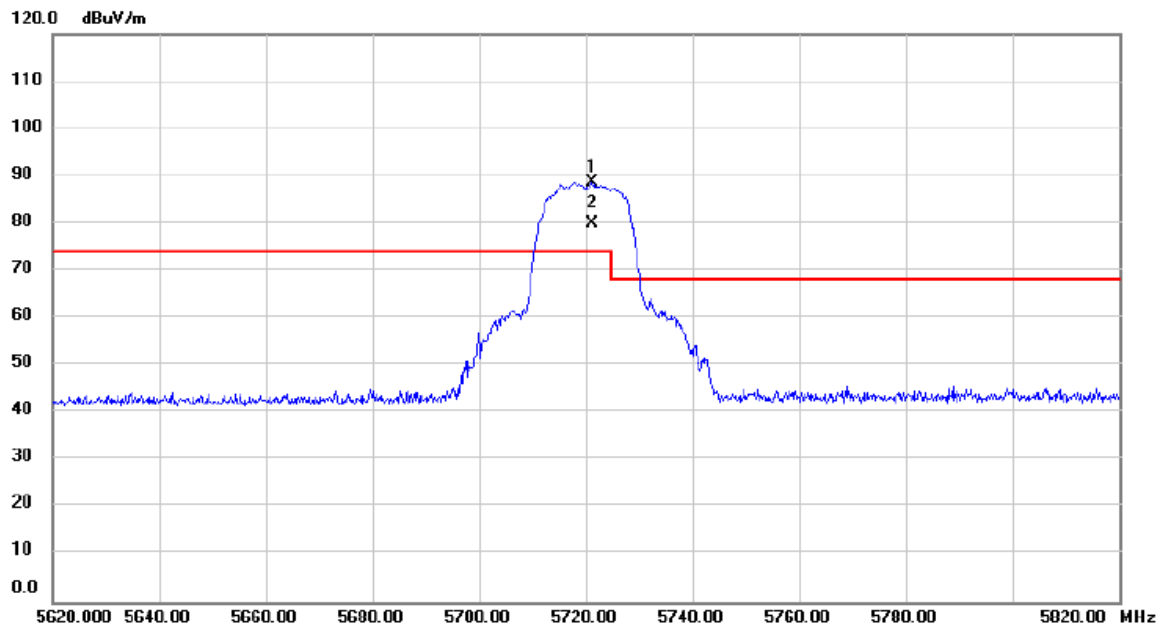
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5634.600	40.23	10.38	50.61	68.20	-17.59	peak		
2		5693.000	42.57	10.48	53.05	100.04	-46.99	peak		
3		5716.600	45.21	10.53	55.74	109.85	-54.11	peak		
4		5725.400	47.90	10.54	58.44	122.20	-63.76	peak		
5		5780.600	79.51	10.65	90.16	122.20	-32.04	peak		No Limit
6		5780.600	69.63	10.65	80.28	122.20	-41.92	AVG		No Limit
7		5850.600	40.61	10.77	51.38	120.83	-69.45	peak		
8		5855.800	40.42	10.78	51.20	110.58	-59.38	peak		
9		5881.000	40.20	10.83	51.03	100.74	-49.71	peak		
10	*	5938.200	40.23	10.93	51.16	68.20	-17.04	peak		

REMARKS:

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

For Straddle Channel:

Test Mode	IEEE 802.11a	Test Date	2024/10/24
Test Frequency	5720MHz	Polarization	Vertical

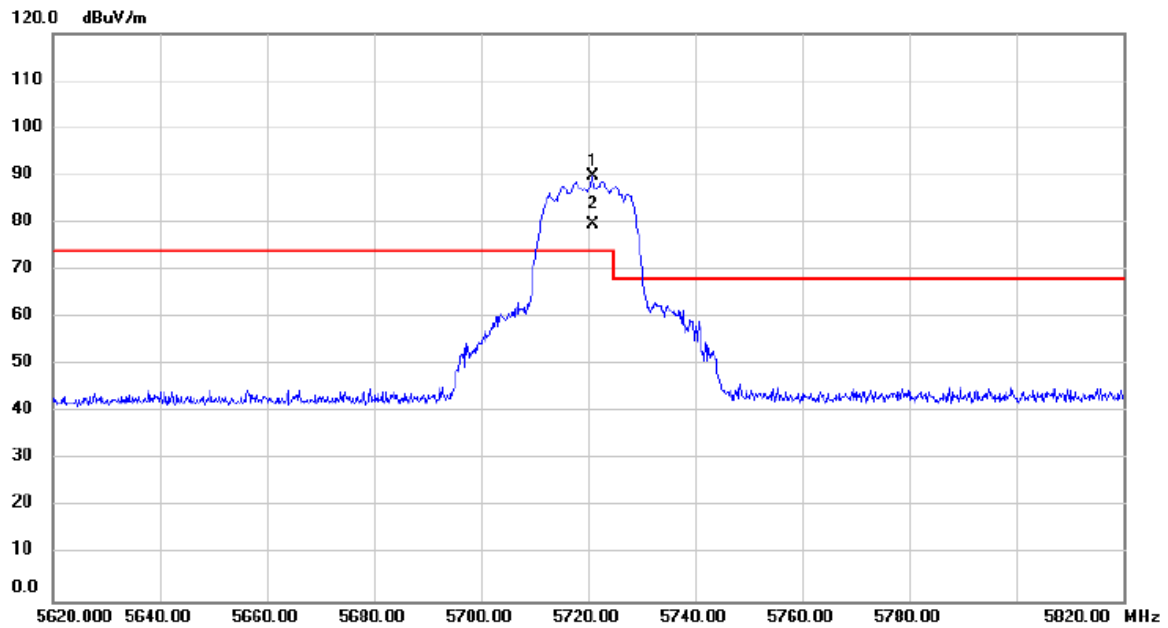


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5721.200	86.22	2.42	88.64	74.00	14.64	peak		No Limit
2	X	5721.200	77.54	2.42	79.96	74.00	5.96	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/10/24
Test Frequency	5720MHz	Polarization	Vertical

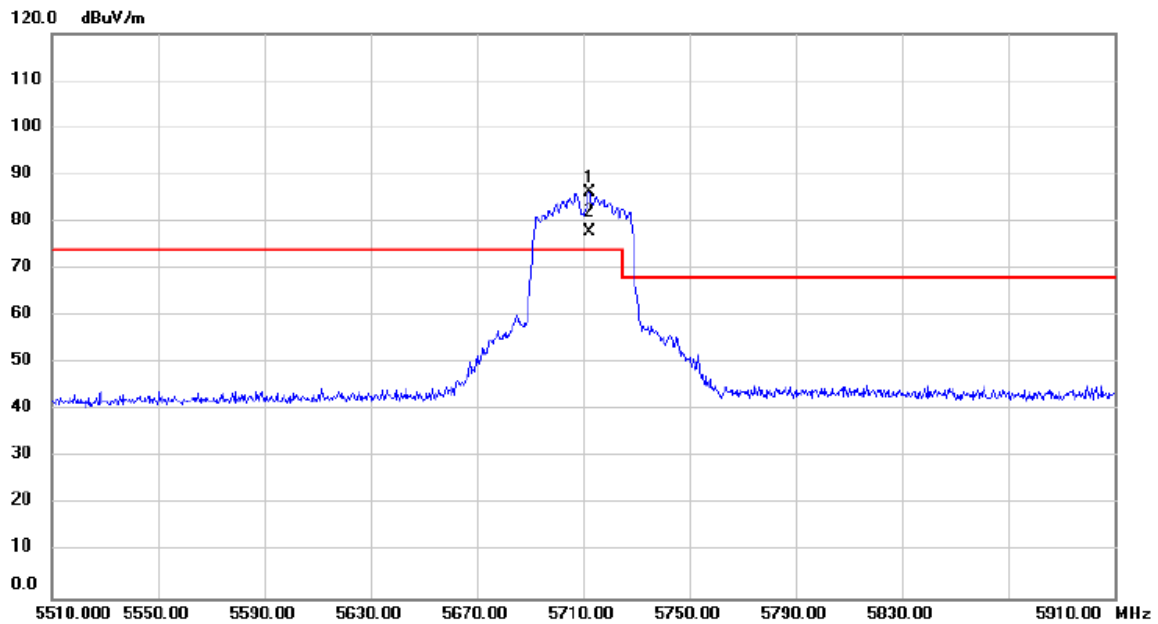


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5721.000	87.34	2.42	89.76	74.00	15.76	peak		No Limit
2	X	5721.000	77.19	2.42	79.61	74.00	5.61	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/10/24
Test Frequency	5710MHz	Polarization	Vertical

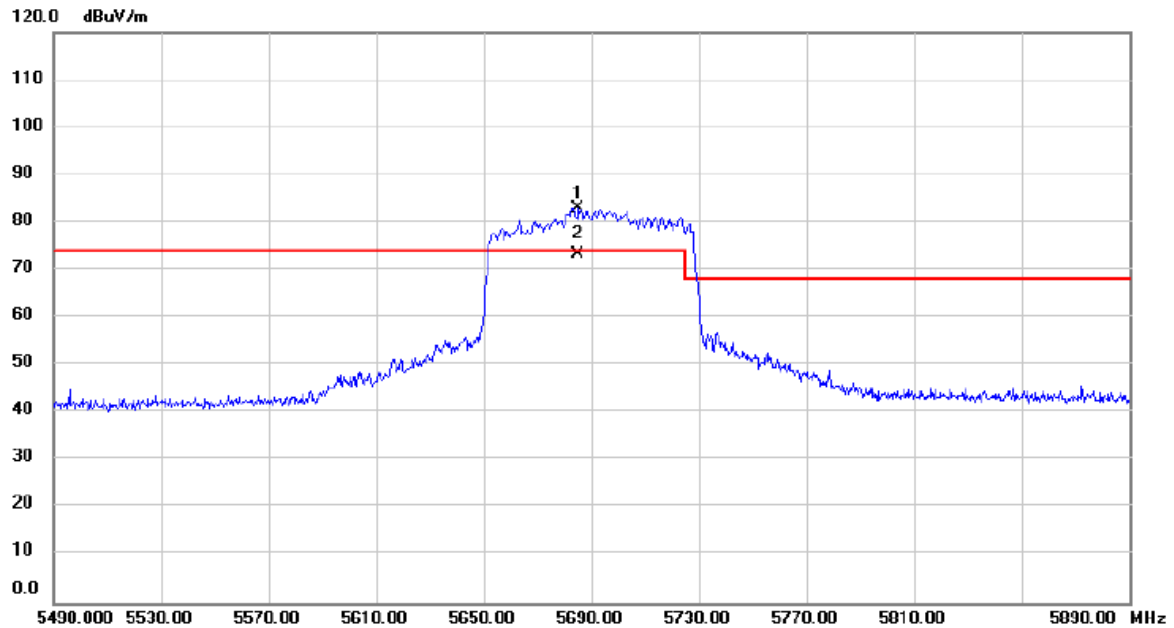


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5712.400	83.76	2.39	86.15	74.00	12.15	peak		No Limit
2	X	5712.400	75.42	2.39	77.81	74.00	3.81	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/10/24
Test Frequency	5690MHz	Polarization	Vertical

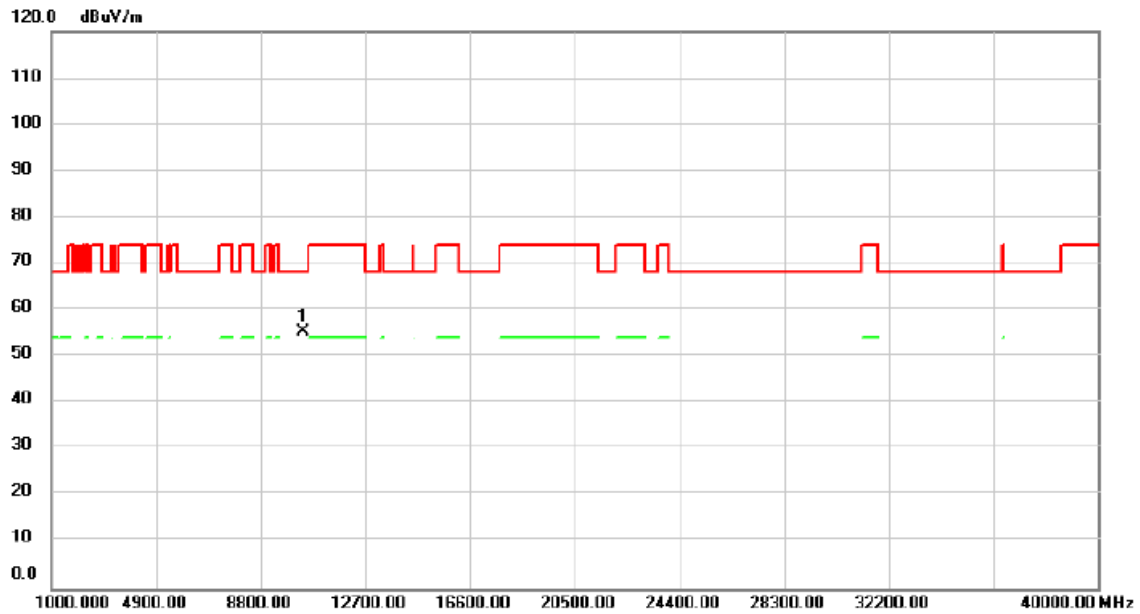


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	5685.200	80.69	2.36	83.05	74.00	9.05	peak		No Limit
2		5685.200	70.87	2.36	73.23	74.00	-0.77	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5180MHz	Polarization	Vertical

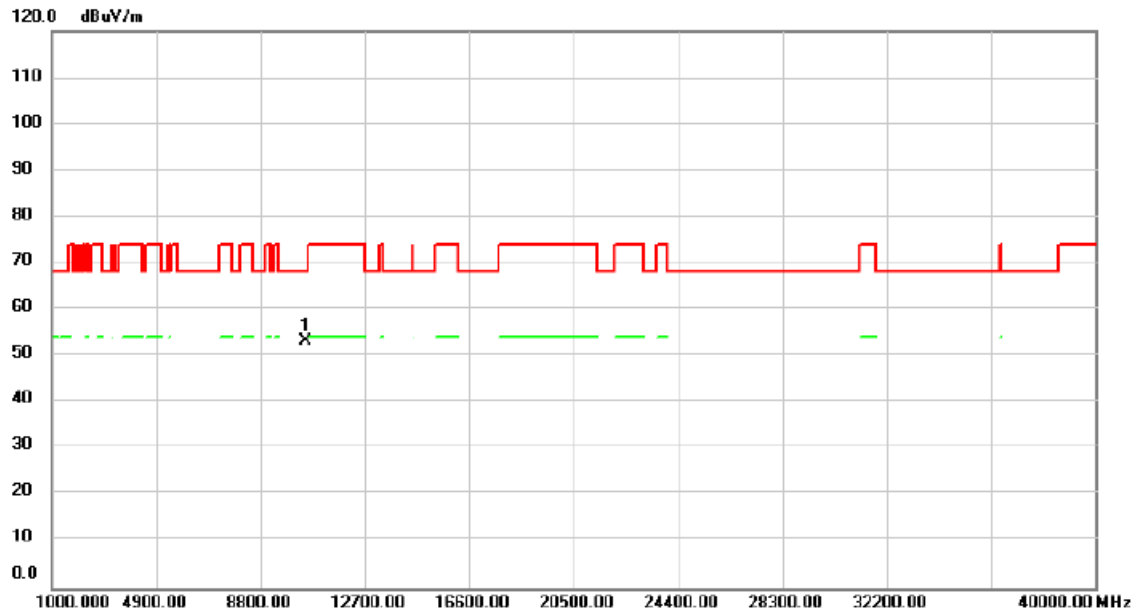


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10360.00	41.13	14.24	55.37	68.20	-12.83	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5180MHz	Polarization	Horizontal

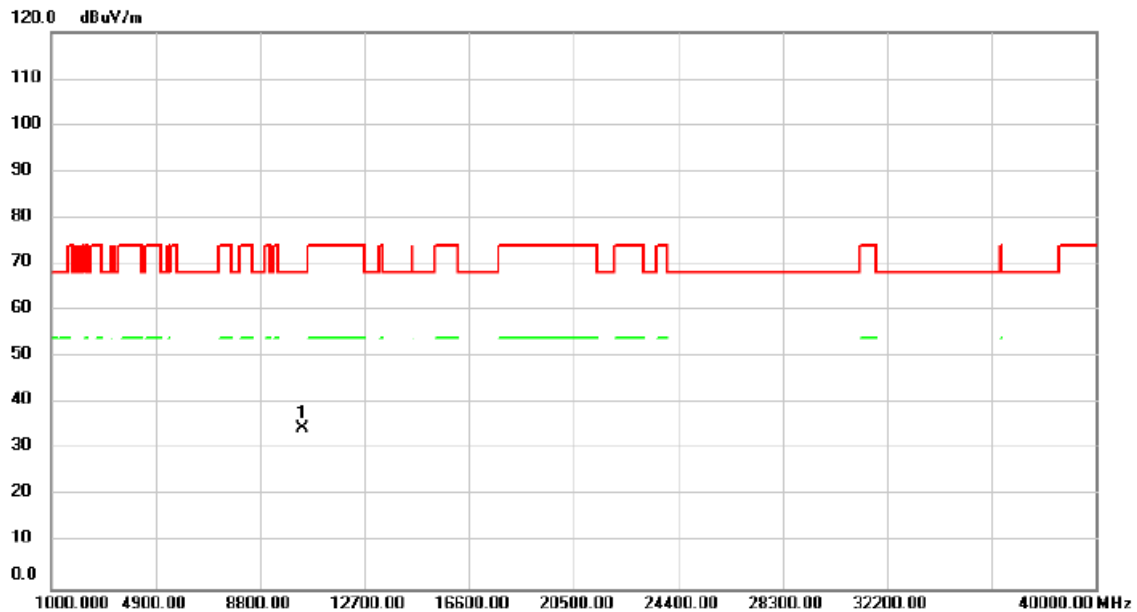


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10480.00	39.10	14.22	53.32	68.20	-14.88	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5200MHz	Polarization	Vertical

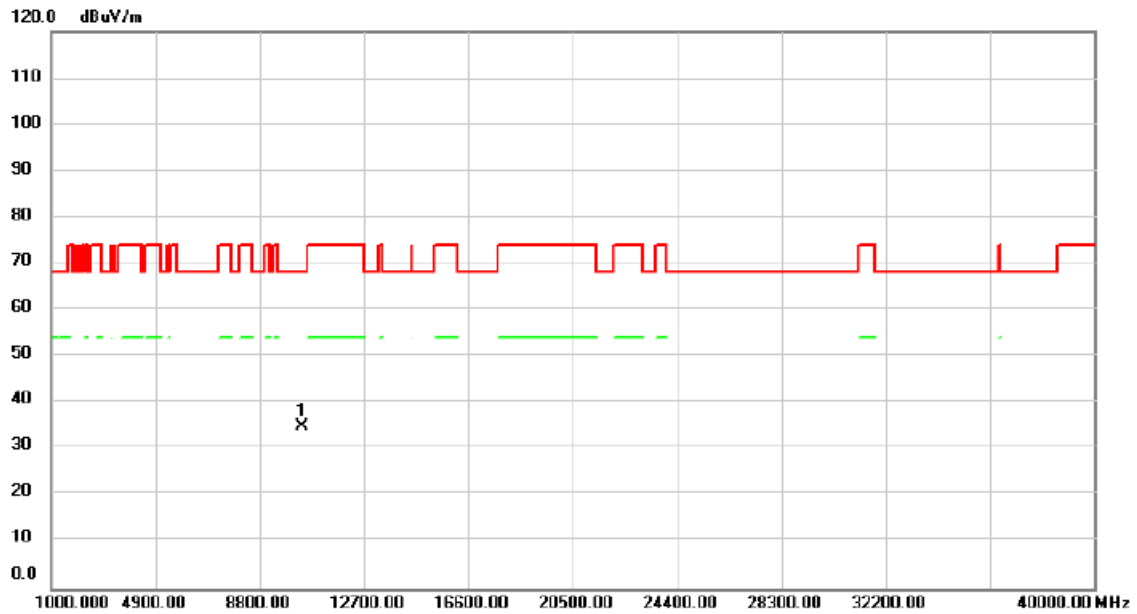


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10400.00	30.50	4.24	34.74	68.20	-33.46	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5200MHz	Polarization	Horizontal

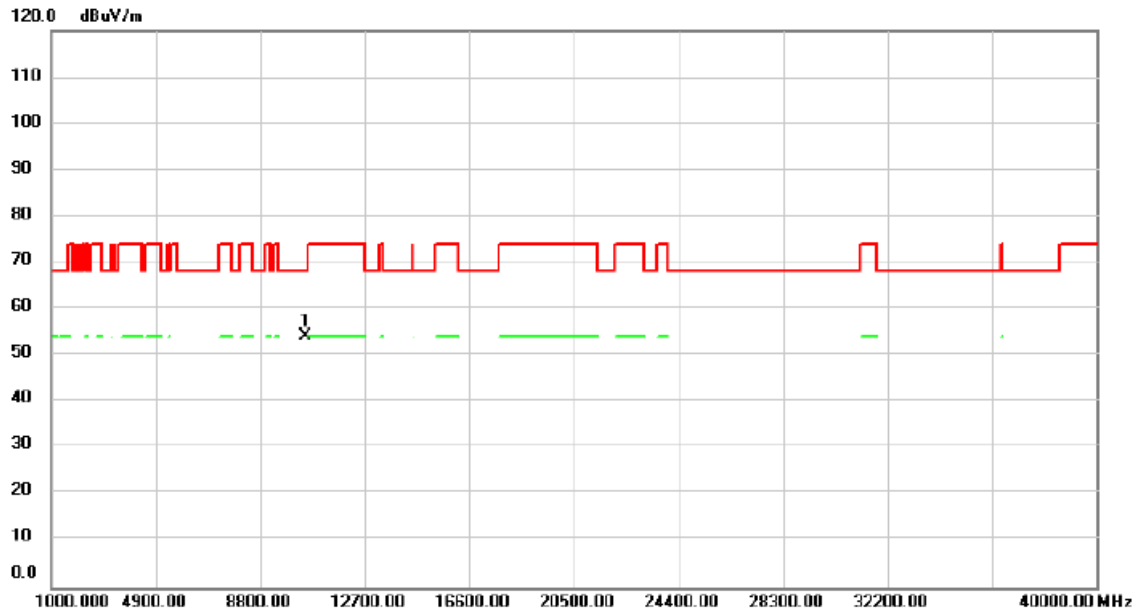


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10400.00	30.68	4.24	34.92	68.20	-33.28	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5240MHz	Polarization	Vertical

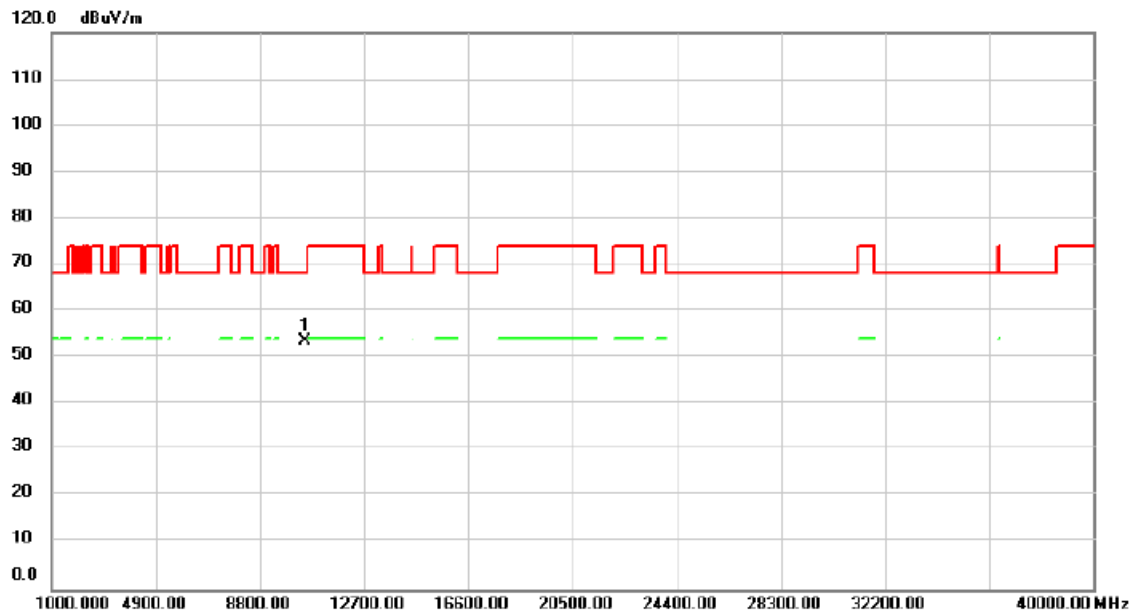


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10480.00	39.79	14.22	54.01	68.20	-14.19	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5240MHz	Polarization	Horizontal

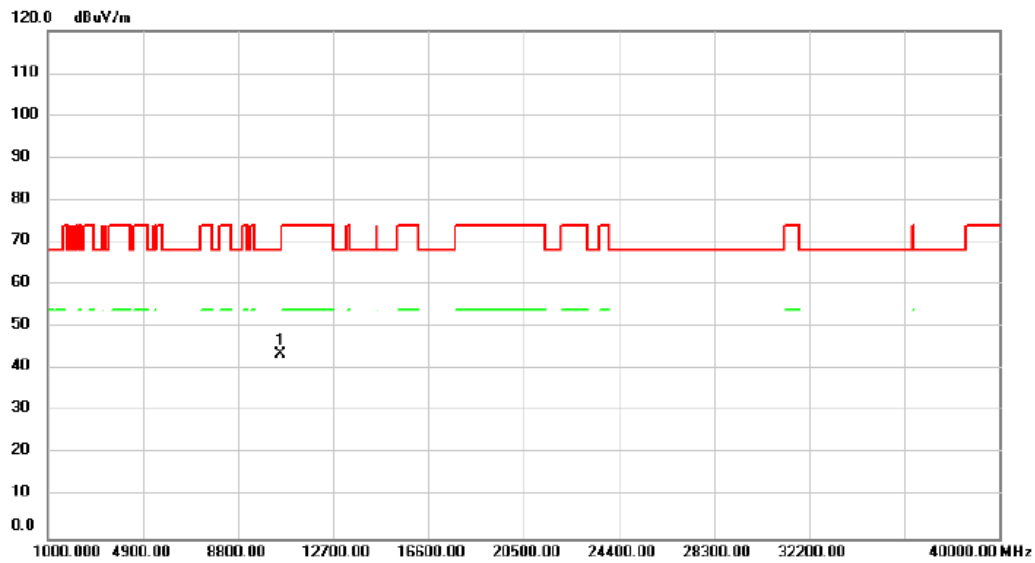


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10480.00	39.45	14.22	53.67	68.20	-14.53	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5260MHz	Polarization	Vertical

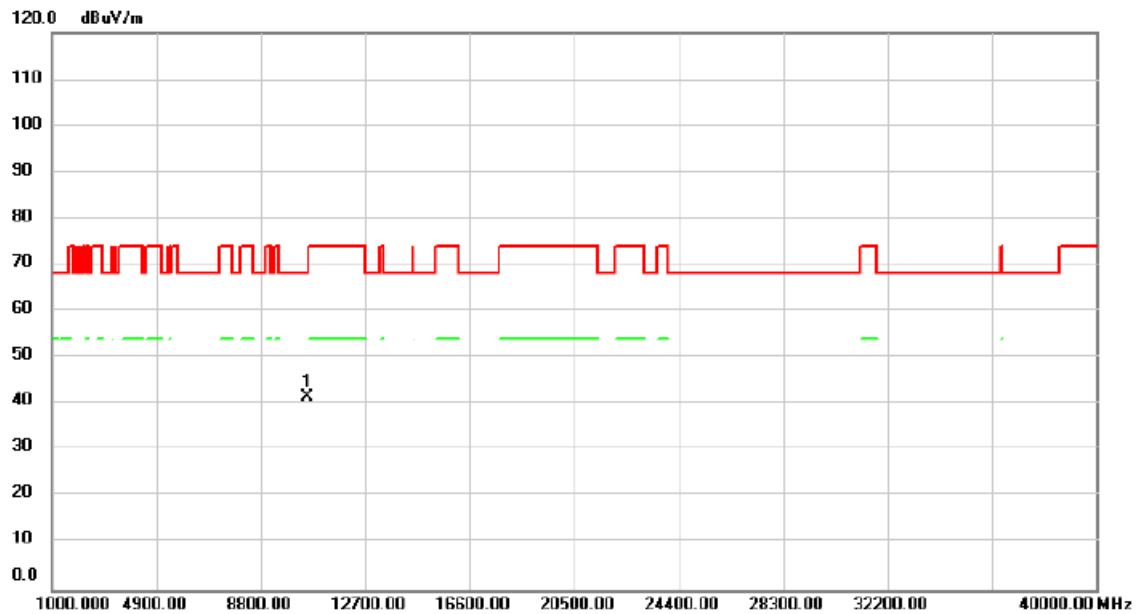


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10516.00	44.14	-0.44	43.70	68.20	-24.50	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5260MHz	Polarization	Horizontal

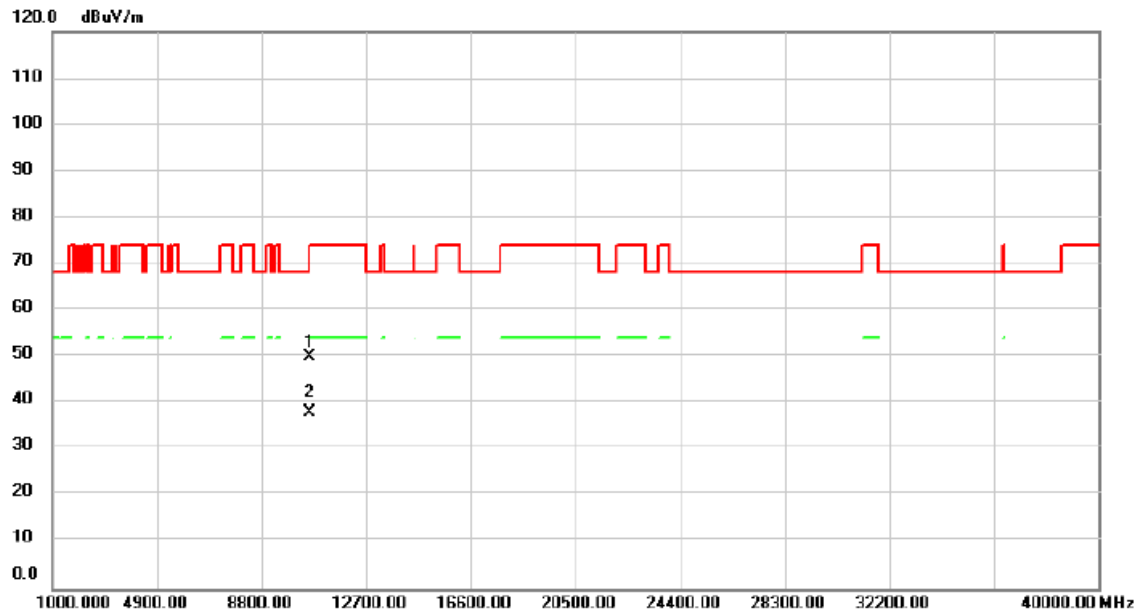


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10516.00	42.10	-0.44	41.66	68.20	-26.54	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5300MHz	Polarization	Vertical

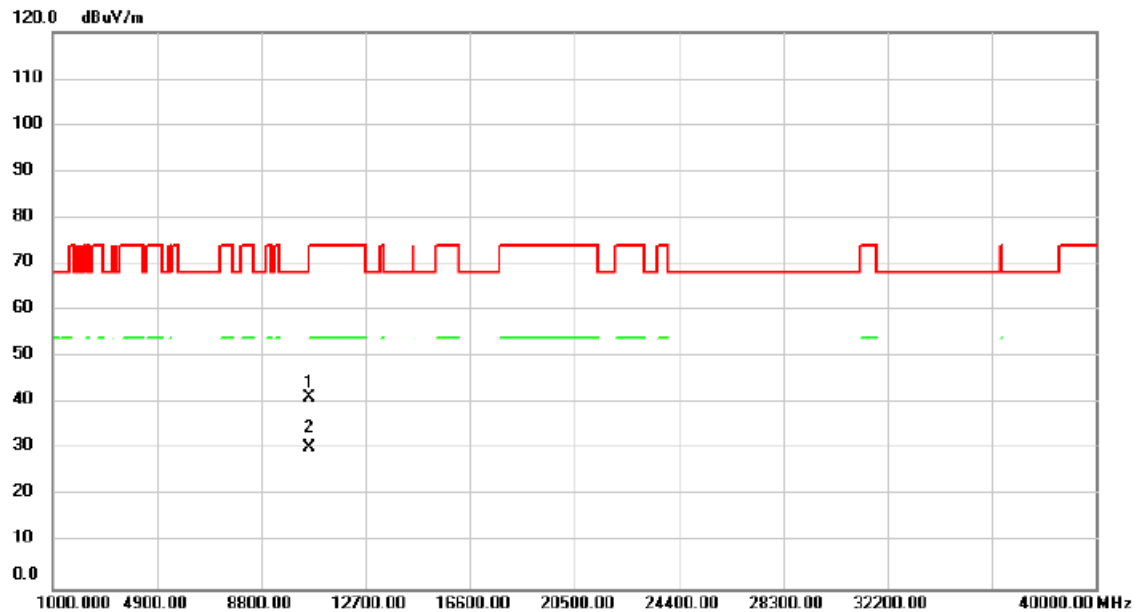


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	10594.00	50.26	-0.42	49.84	68.20	-18.36	peak		
2		10594.00	38.31	-0.42	37.89	68.20	-30.31	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5300MHz	Polarization	Horizontal

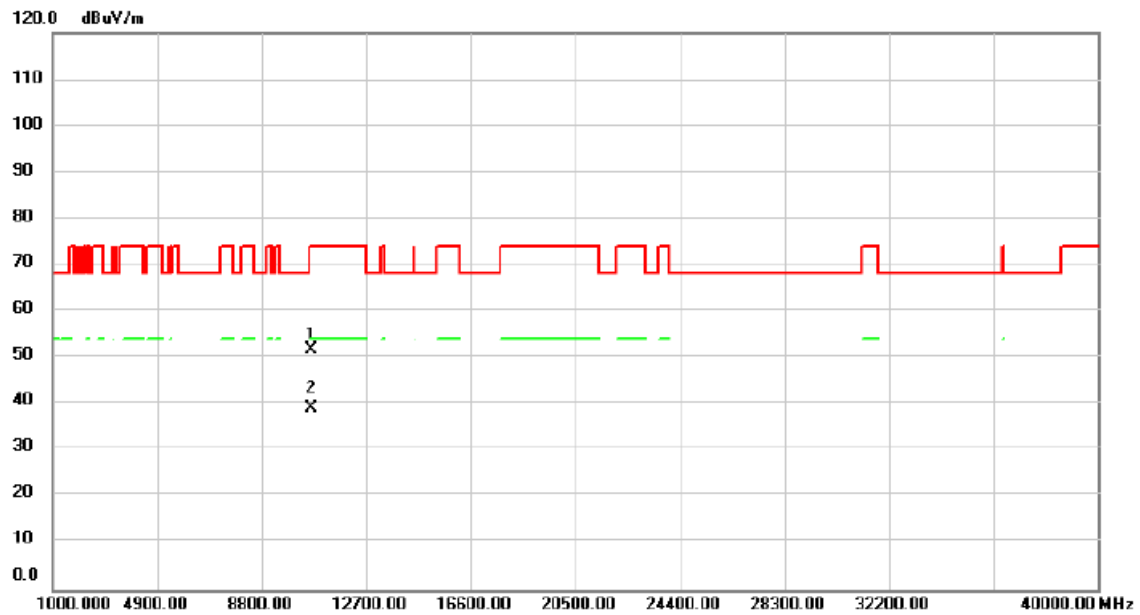


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10594.00	41.73	-0.42	41.31	68.20	-26.89	peak		
2		10594.00	30.95	-0.42	30.53	68.20	-37.67	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5320MHz	Polarization	Vertical

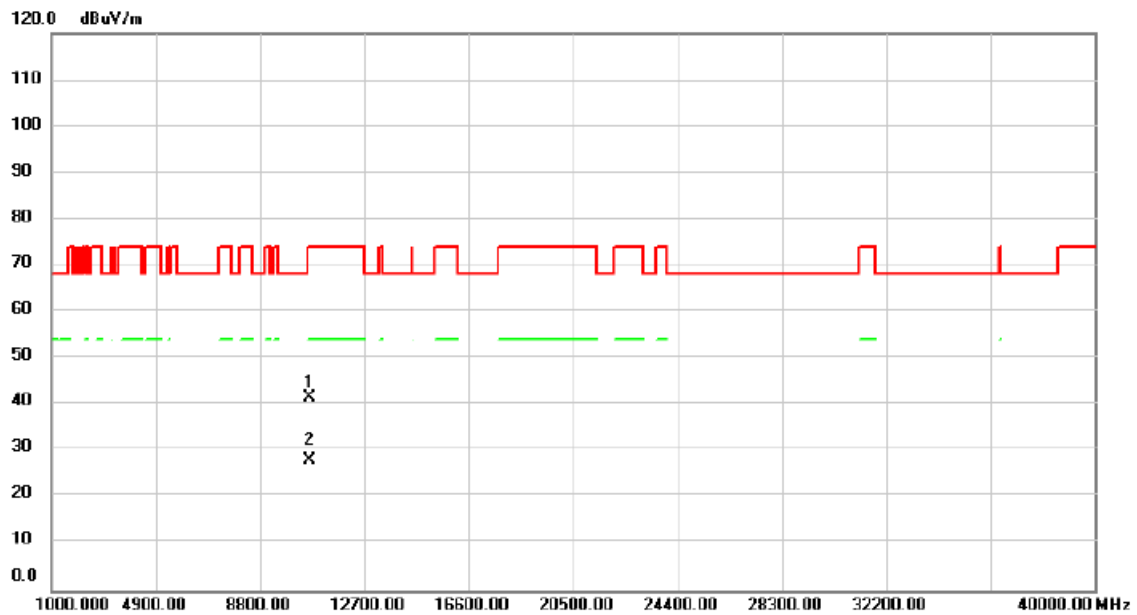


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10633.00	52.16	-0.40	51.76	74.00	-22.24	peak		
2	*	10633.00	39.57	-0.40	39.17	54.00	-14.83	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5320MHz	Polarization	Horizontal



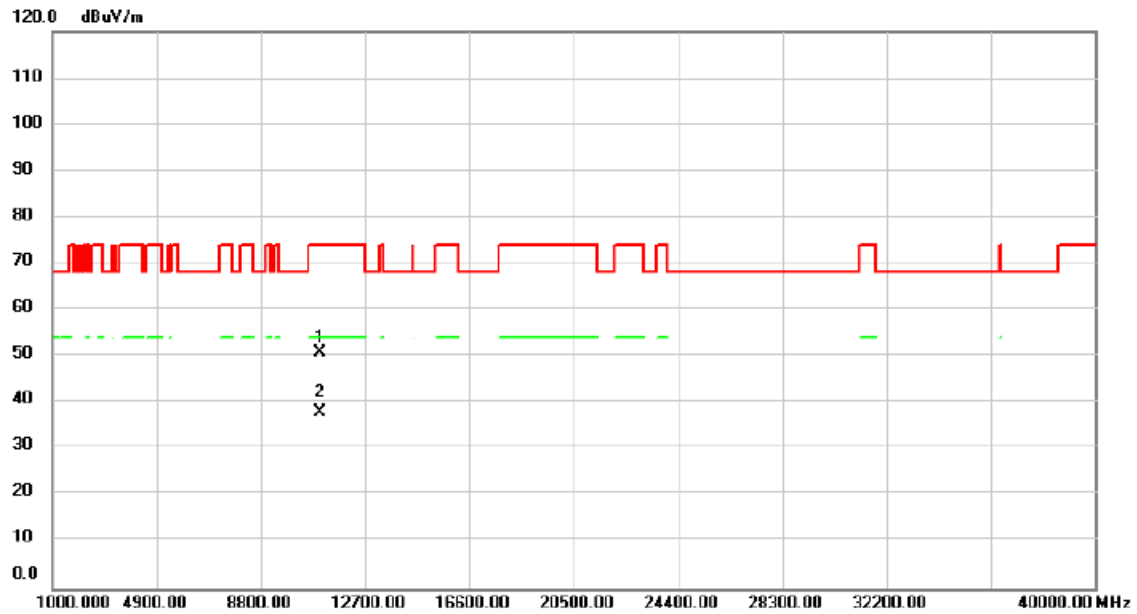
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10633.00	41.92	-0.40	41.52	74.00	-32.48	peak		
2	*	10633.00	28.55	-0.40	28.15	54.00	-25.85	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5500MHz	Polarization	Vertical

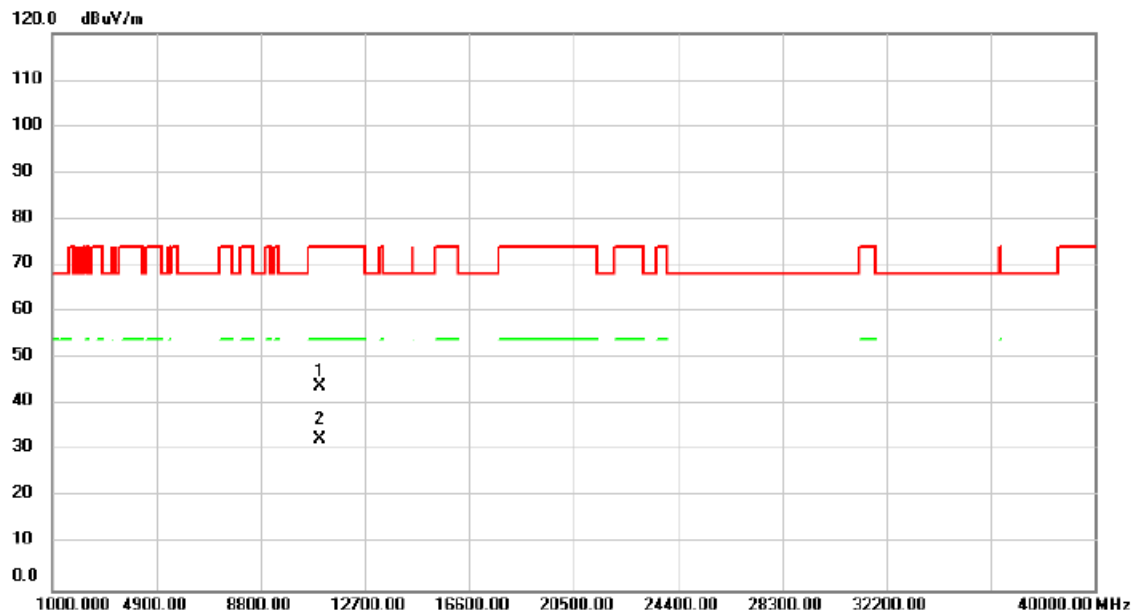


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10984.00	51.10	-0.28	50.82	74.00	-23.18	peak		
2	*	10984.00	38.26	-0.28	37.98	54.00	-16.02	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5500MHz	Polarization	Horizontal

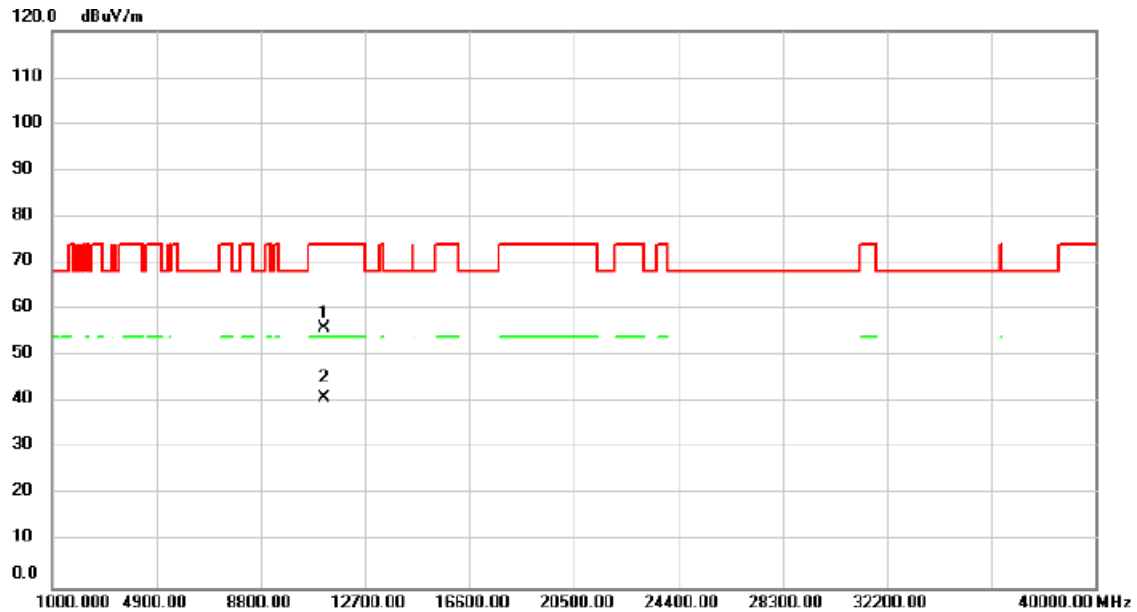


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10984.00	44.10	-0.28	43.82	74.00	-30.18	peak		
2	*	10984.00	32.78	-0.28	32.50	54.00	-21.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5580MHz	Polarization	Vertical

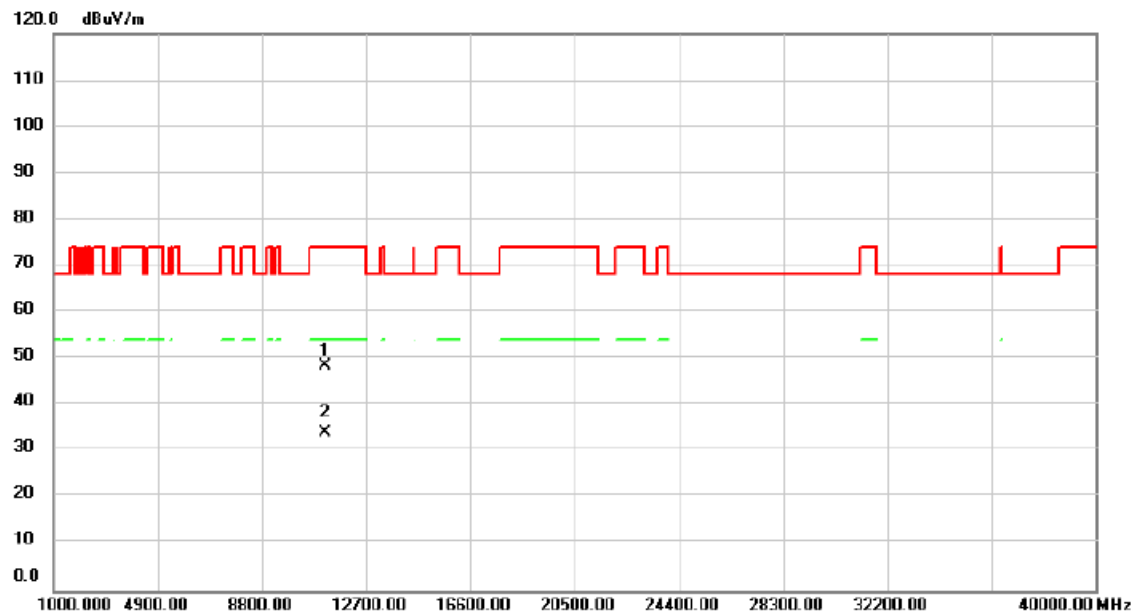


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11140.00	55.83	0.03	55.86	74.00	-18.14	peak		
2	*	11140.00	41.07	0.03	41.10	54.00	-12.90	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5580MHz	Polarization	Horizontal

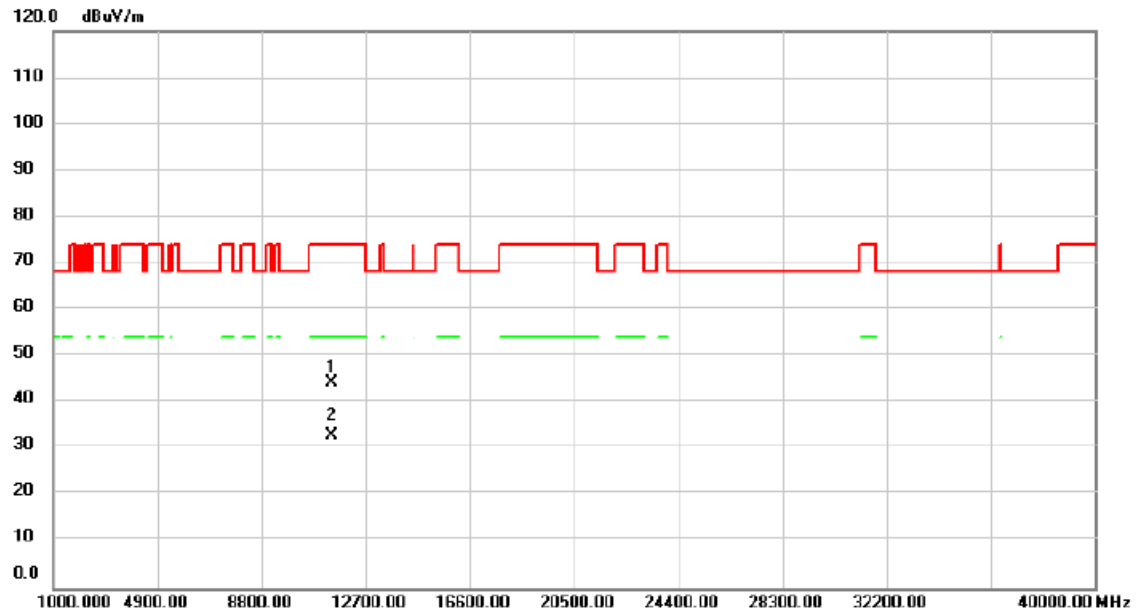


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11179.00	48.43	0.12	48.55	74.00	-25.45	peak		
2	*	11179.00	33.87	0.12	33.99	54.00	-20.01	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5700MHz	Polarization	Vertical

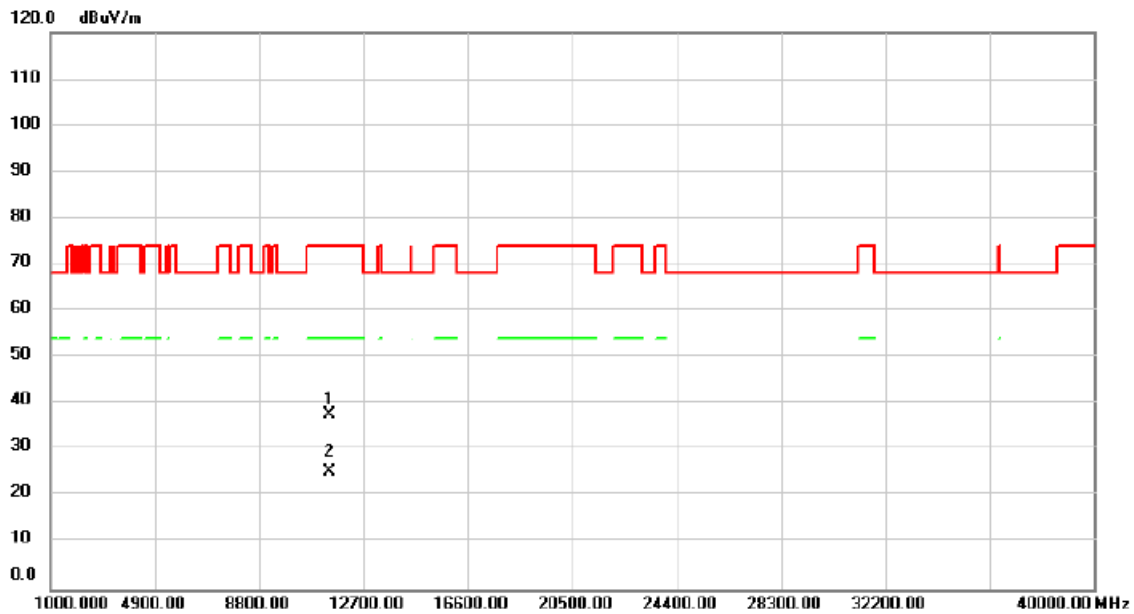


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11400.00	43.66	0.61	44.27	74.00	-29.73			peak
2	*	11400.00	32.35	0.61	32.96	54.00	-21.04			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/3/26
Test Frequency	5700MHz	Polarization	Horizontal

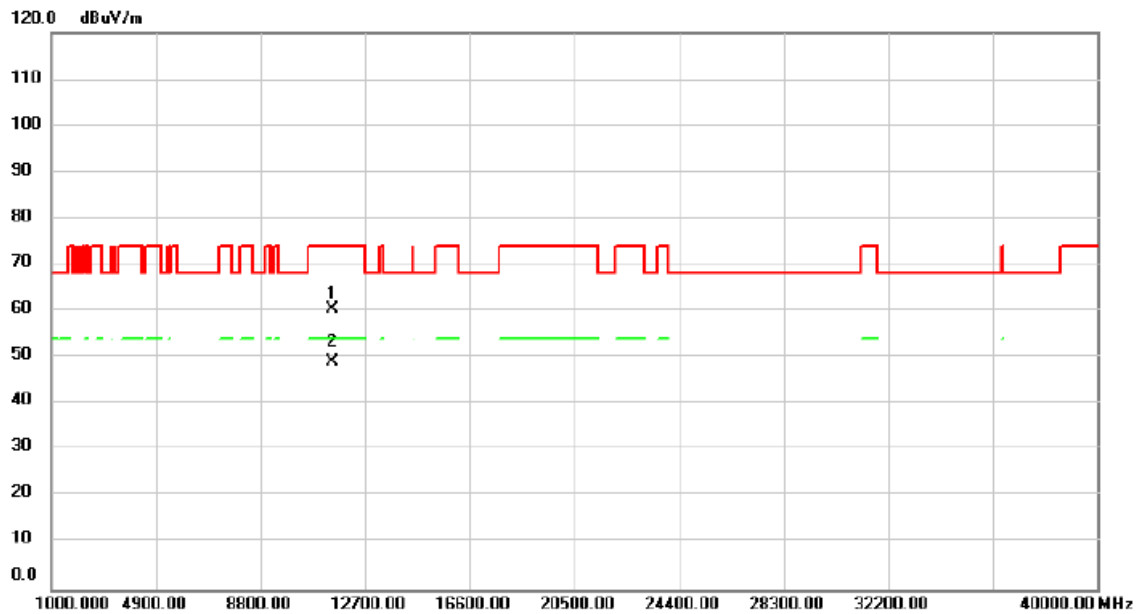


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11400.00	36.95	0.61	37.56	74.00	-36.44	peak		
2	*	11400.00	24.81	0.61	25.42	54.00	-28.58	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5745MHz	Polarization	Vertical

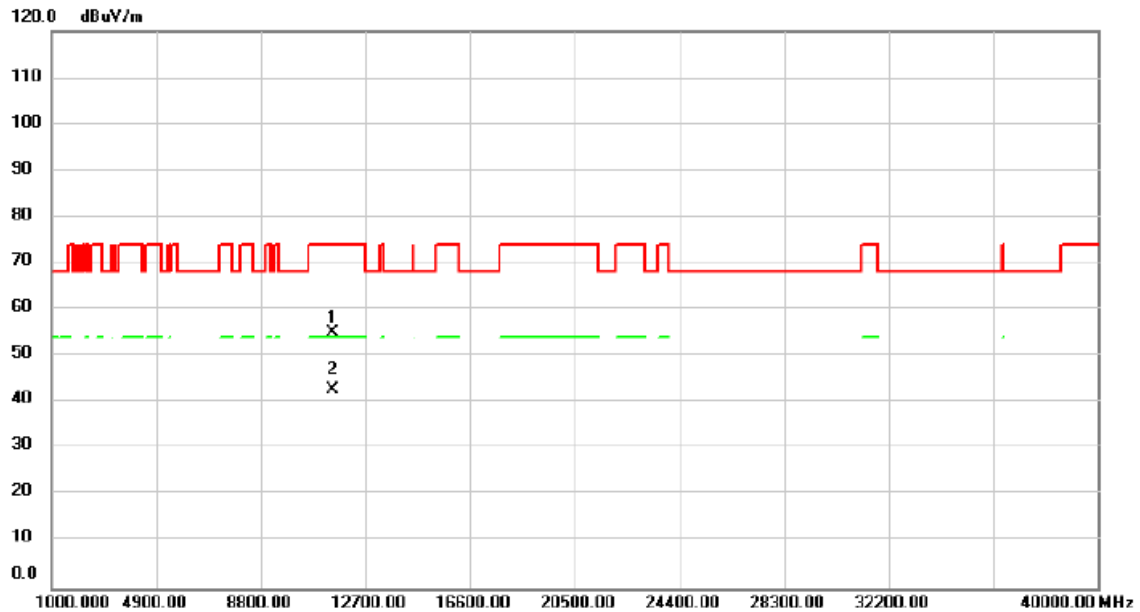


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11490.00	45.55	15.02	60.57	74.00	-13.43			peak
2	*	11500.00	33.91	15.02	48.93	54.00	-5.07			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5745MHz	Polarization	Horizontal



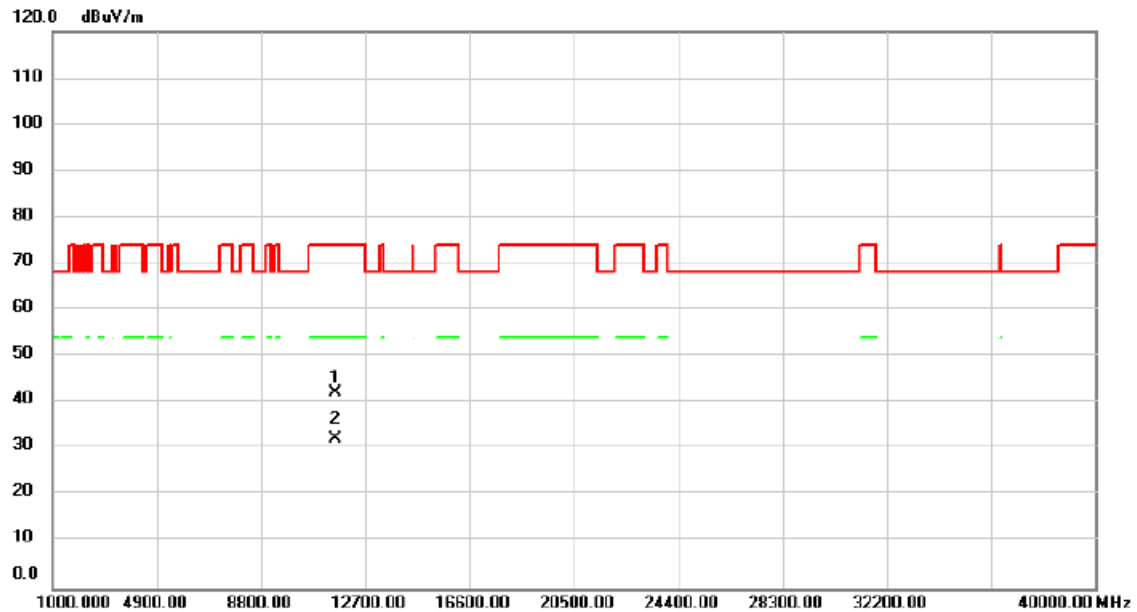
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11490.00	40.11	15.02	55.13	74.00	-18.87	peak		
2	*	11490.00	27.85	15.02	42.87	54.00	-11.13	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5785MHz	Polarization	Vertical

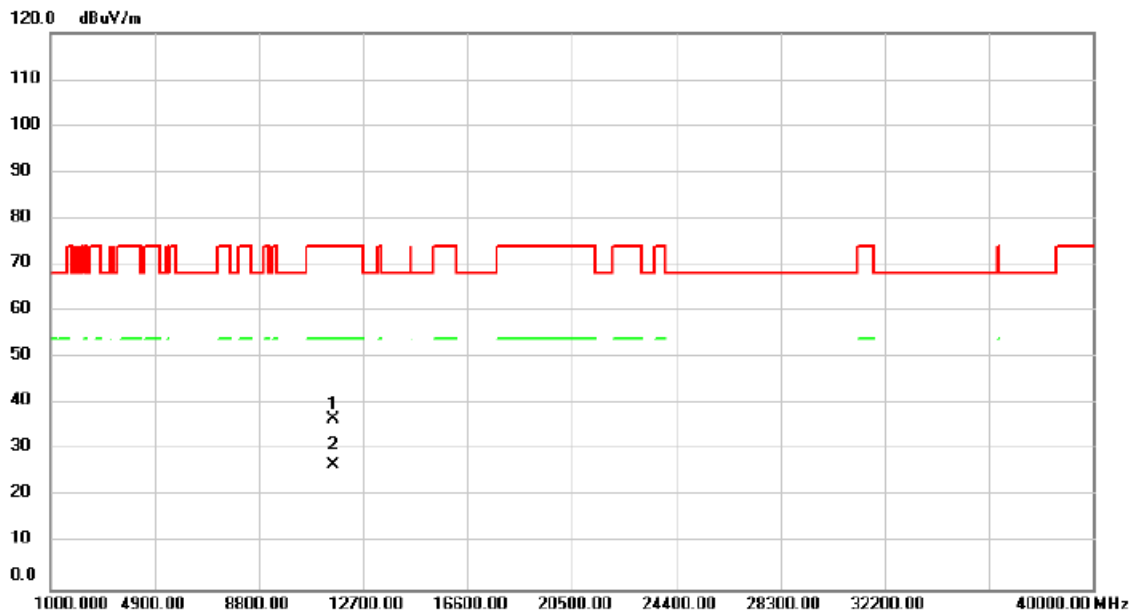


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11569.00	37.21	5.06	42.27	74.00	-31.73	peak		
2	*	11569.00	27.05	5.06	32.11	54.00	-21.89	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5785MHz	Polarization	Horizontal

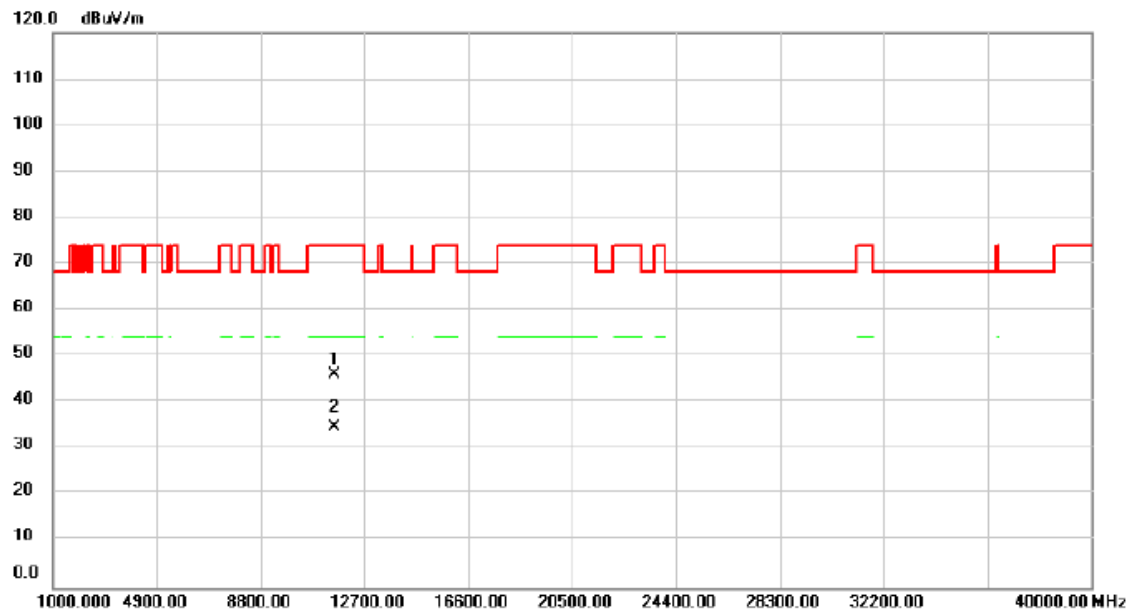


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11570.00	31.63	5.06	36.69	74.00	-37.31	peak		
2	*	11570.00	21.67	5.06	26.73	54.00	-27.27	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5825MHz	Polarization	Vertical

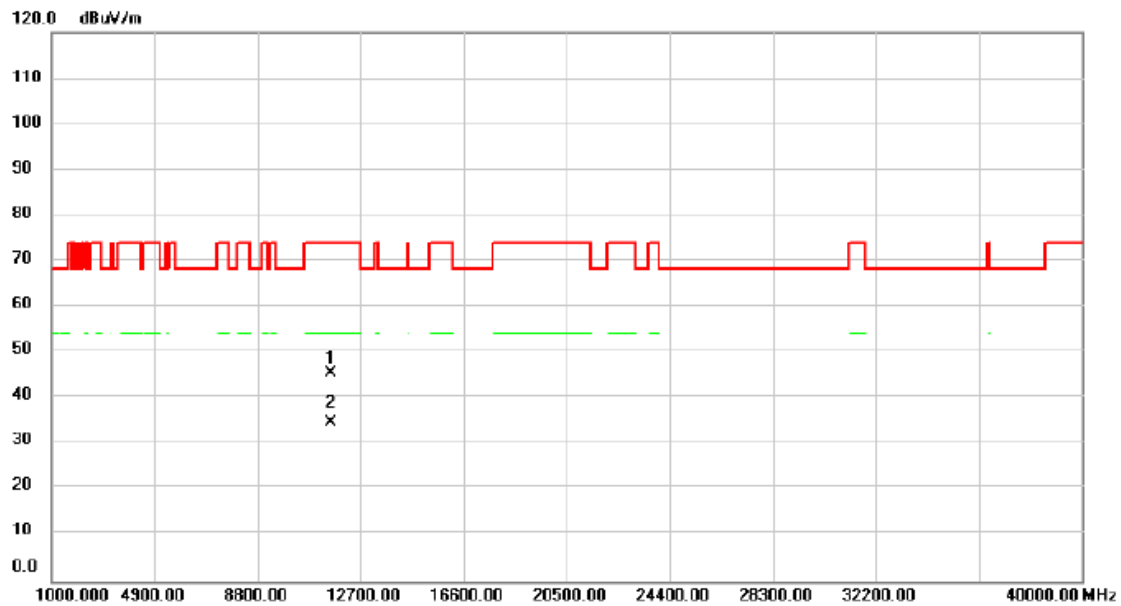


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11570.00	41.07	5.06	46.13	74.00	-27.87	peak		
2	*	11570.00	29.56	5.06	34.62	54.00	-19.38	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/12
Test Frequency	5825MHz	Polarization	Horizontal

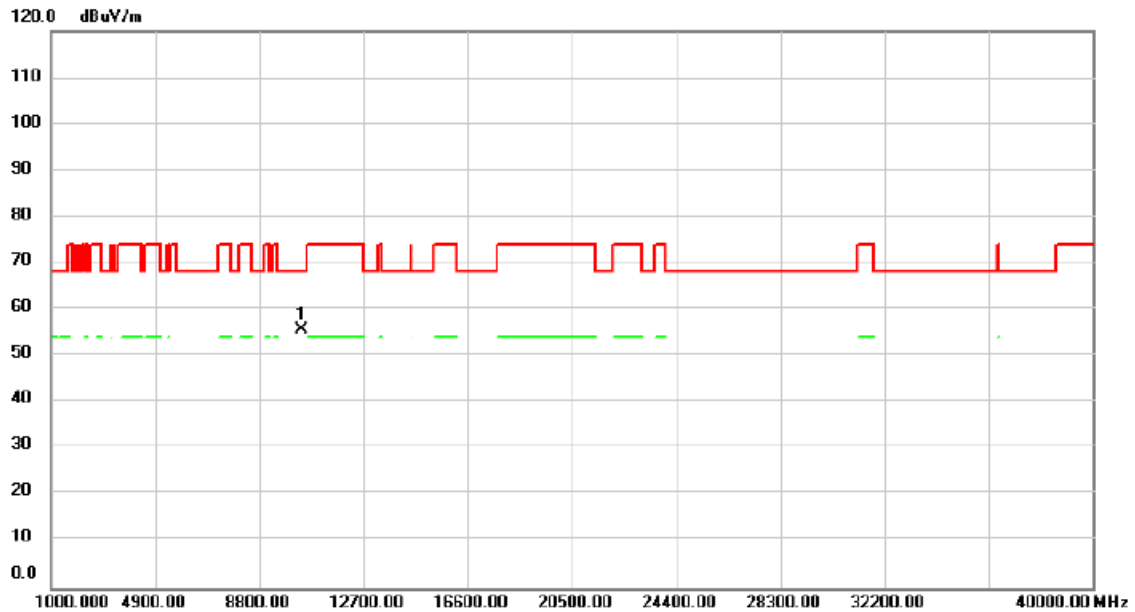


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11570.00	40.33	5.06	45.39	74.00	-28.61			peak
2	*	11570.00	29.50	5.06	34.56	54.00	-19.44			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/12
Test Frequency	5180MHz	Polarization	Vertical

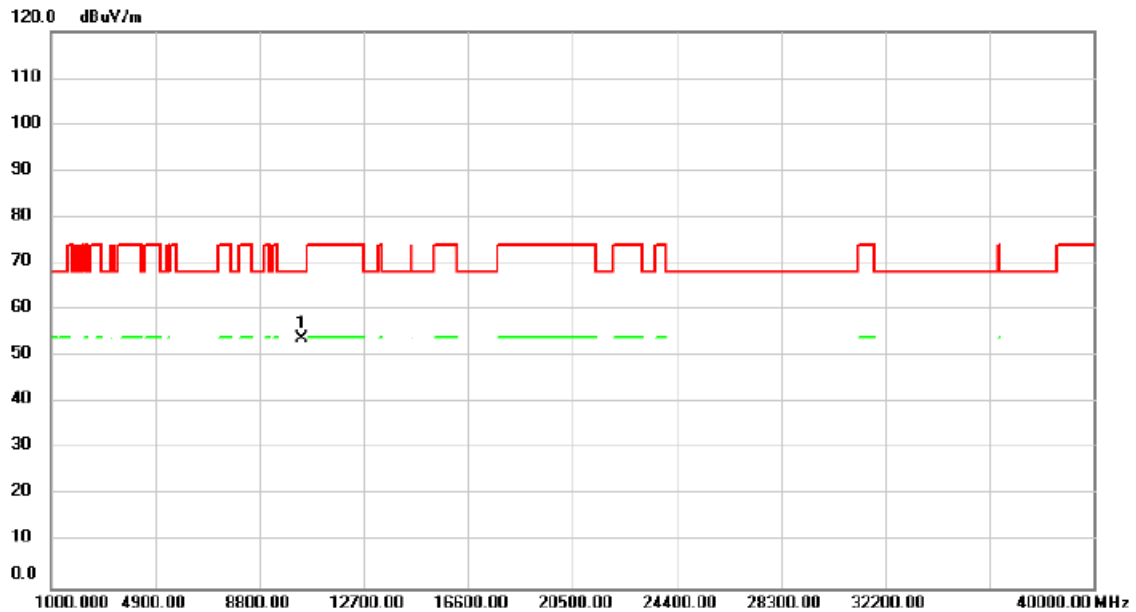


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.00	41.36	14.24	55.60	68.20	-12.60	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/12
Test Frequency	5180MHz	Polarization	Horizontal

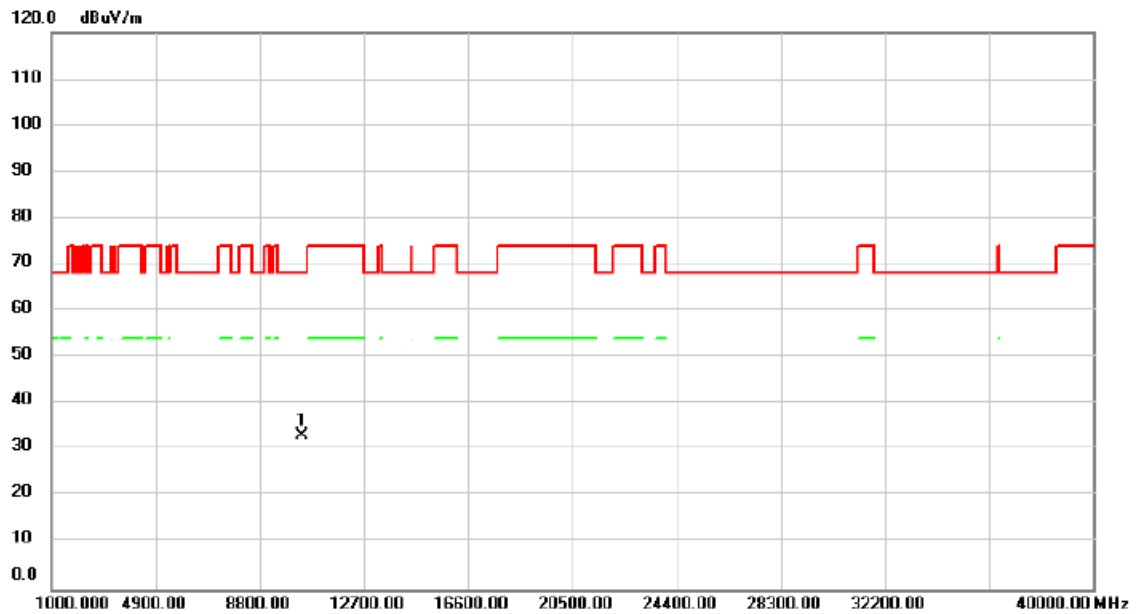


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10360.00	39.61	14.24	53.85	68.20	-14.35	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/15
Test Frequency	5200MHz	Polarization	Vertical

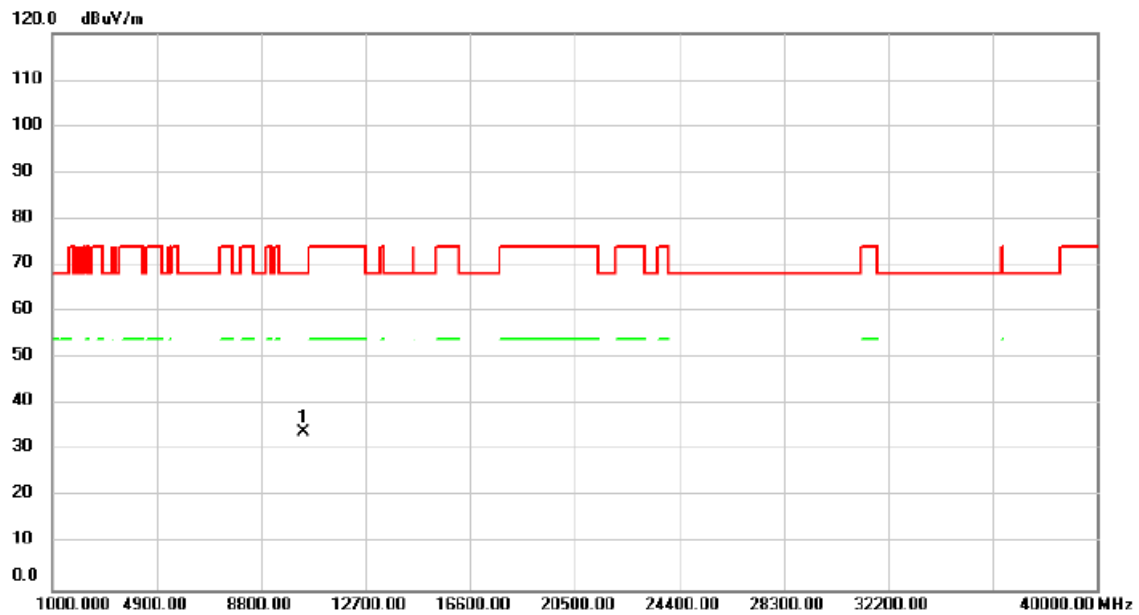


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10400.00	28.85	4.24	33.09	68.20	-35.11			peak

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/15
Test Frequency	5200MHz	Polarization	Horizontal

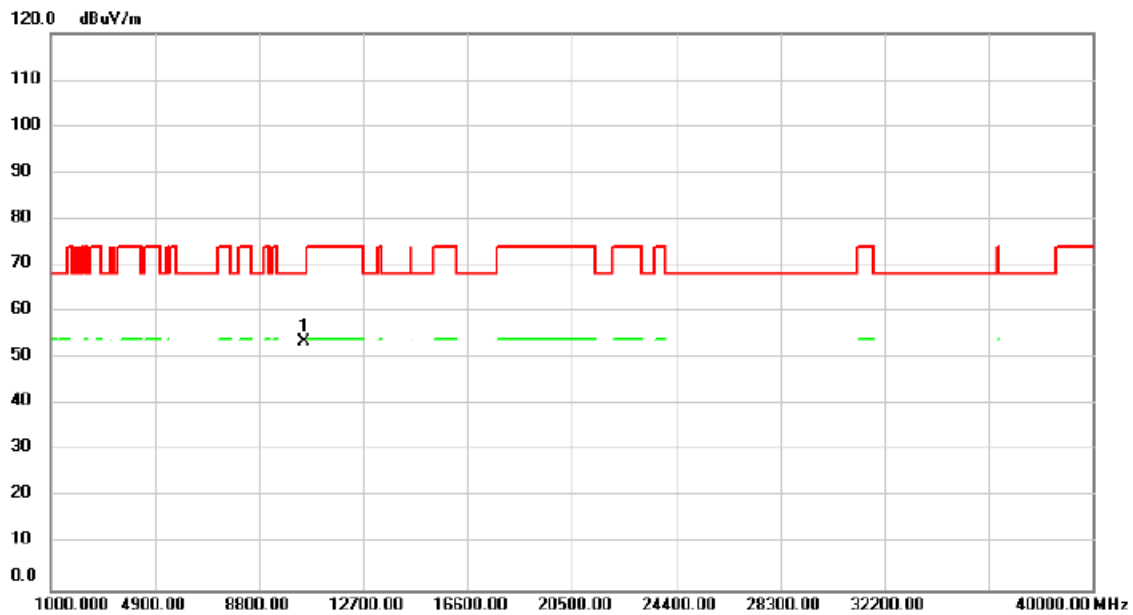


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10400.00	29.68	4.24	33.92	68.20	-34.28	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/12
Test Frequency	5240MHz	Polarization	Vertical

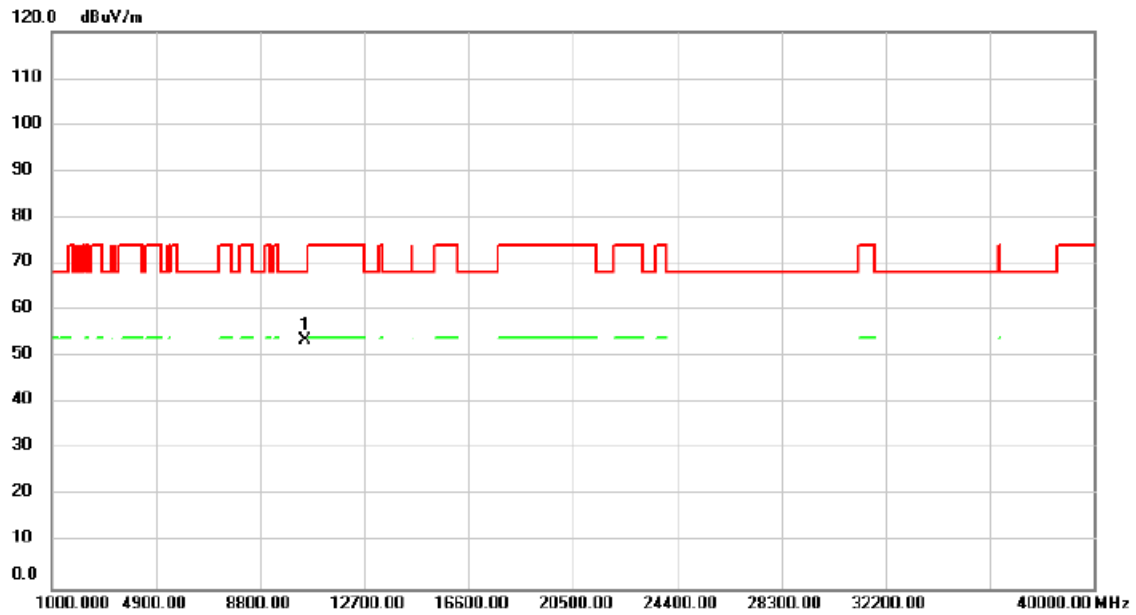


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10480.00	39.25	14.22	53.47	68.20	-14.73	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/12
Test Frequency	5240MHz	Polarization	Horizontal

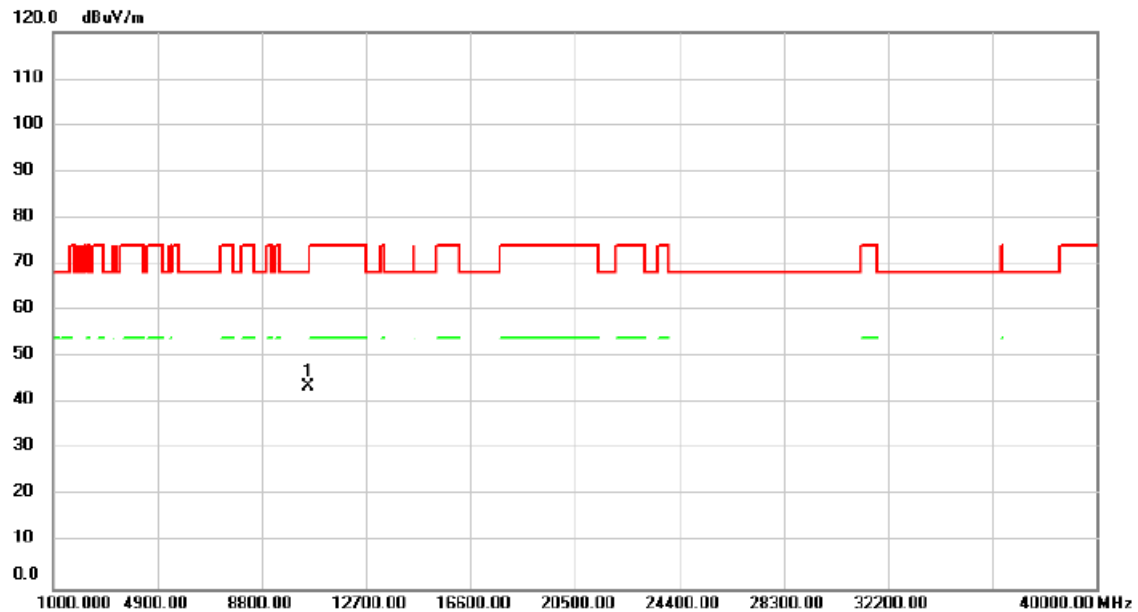


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10480.00	39.41	14.22	53.63	68.20	-14.57	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5260MHz	Polarization	Vertical

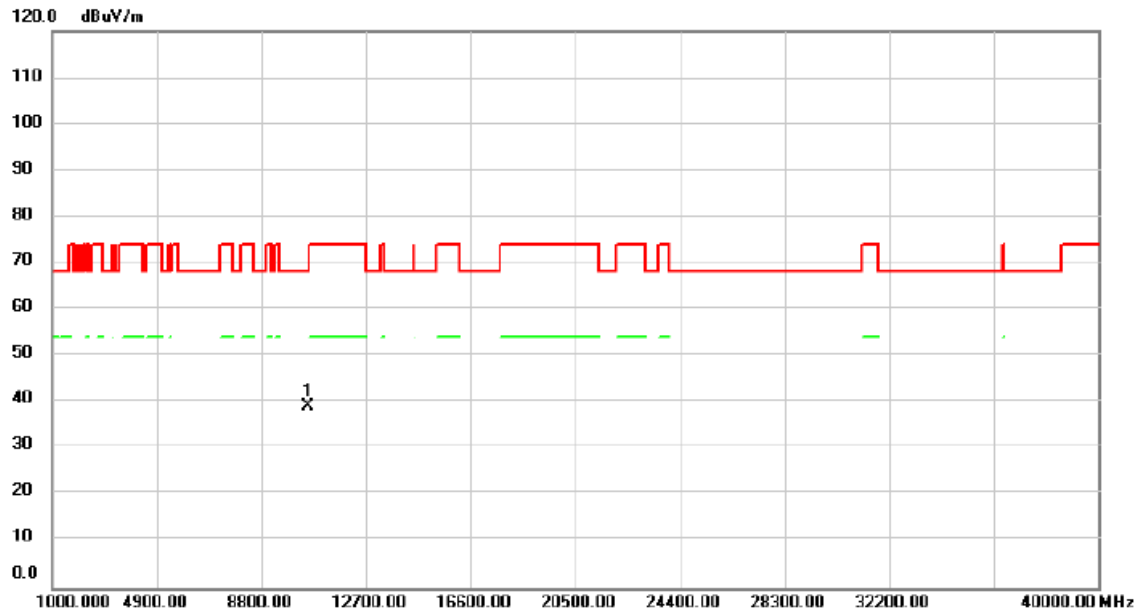


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10516.00	43.95	-0.44	43.51	68.20	-24.69	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5260MHz	Polarization	Horizontal

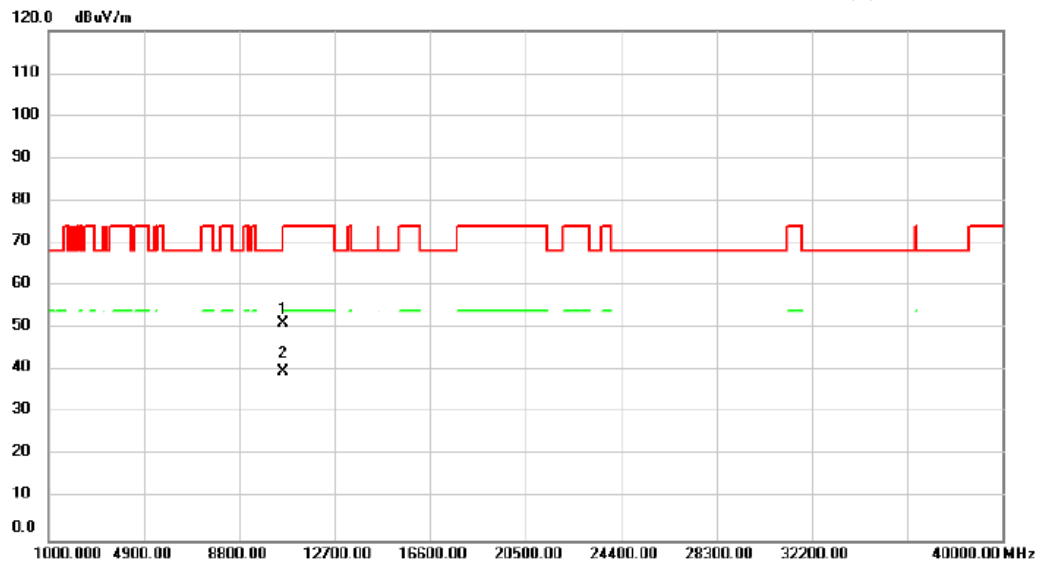


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10516.00	39.71	-0.44	39.27	68.20	-28.93			peak

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5300MHz	Polarization	Vertical

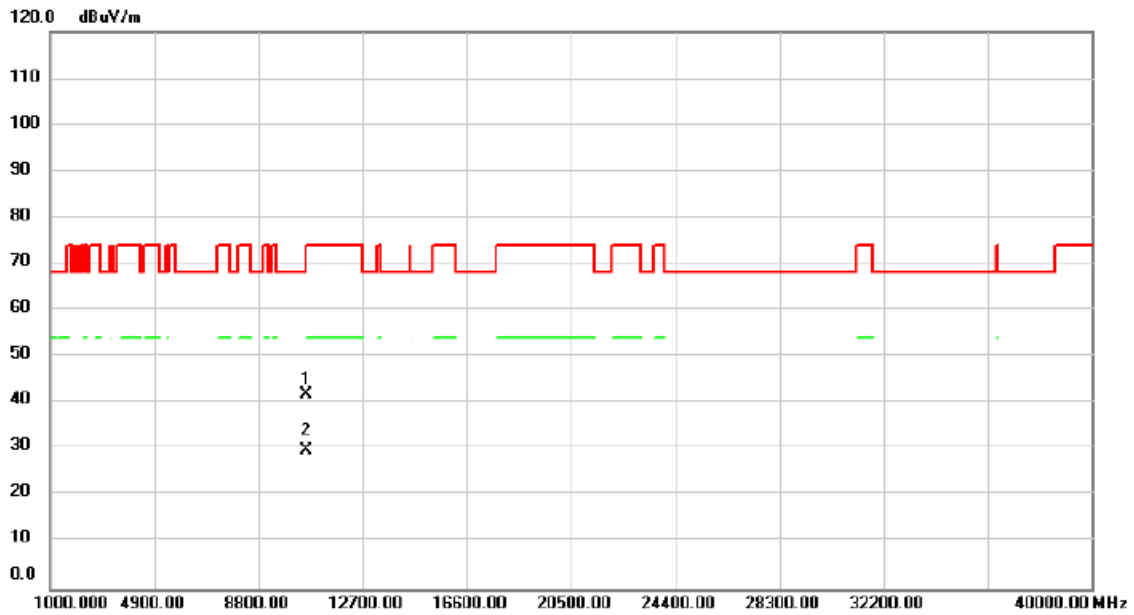


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10594.00	51.72	-0.42	51.30	68.20	-16.90	peak		
2		10594.00	40.06	-0.42	39.64	68.20	-28.56	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5300MHz	Polarization	Horizontal

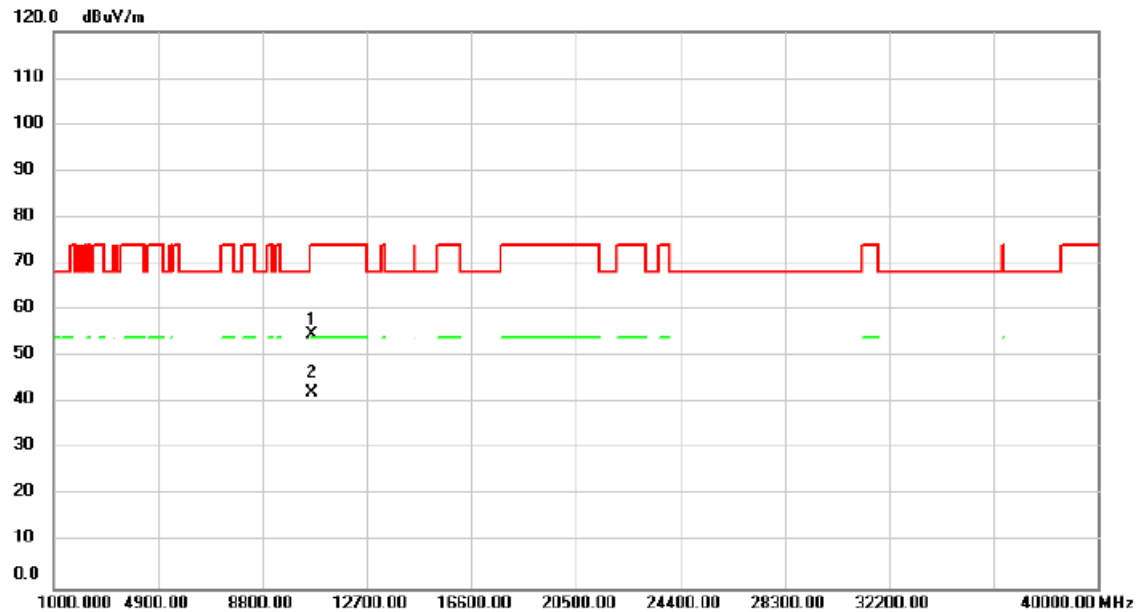


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10594.00	42.39	-0.42	41.97	68.20	-26.23			peak
2		10594.00	30.20	-0.42	29.78	68.20	-38.42			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5320MHz	Polarization	Vertical

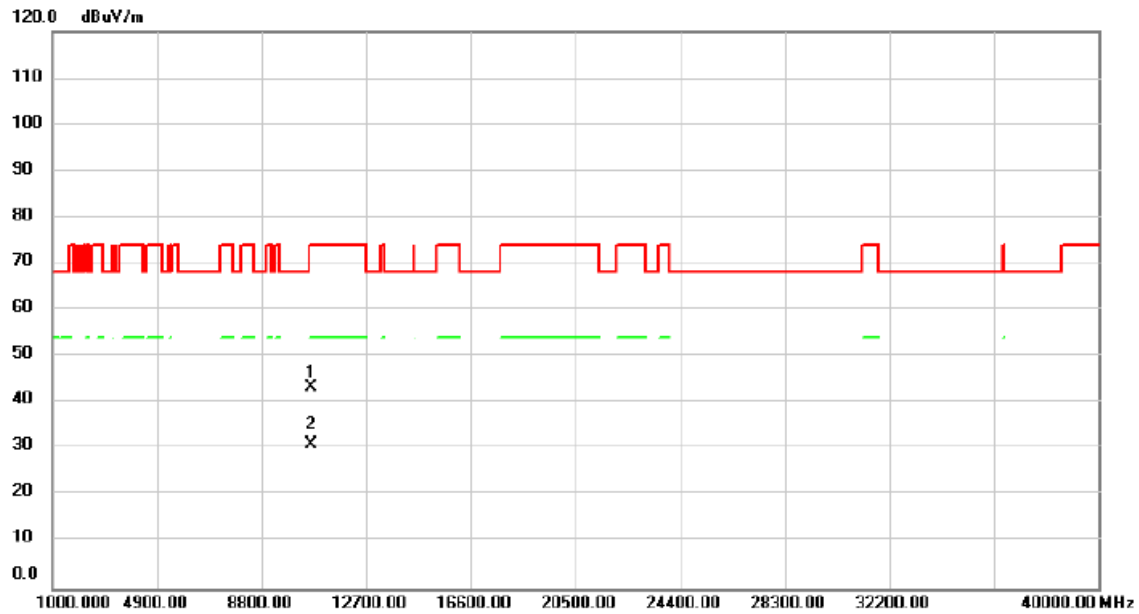


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10633.00	55.05	-0.40	54.65	74.00	-19.35	peak		
2	*	10633.00	42.43	-0.40	42.03	54.00	-11.97	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5320MHz	Polarization	Horizontal

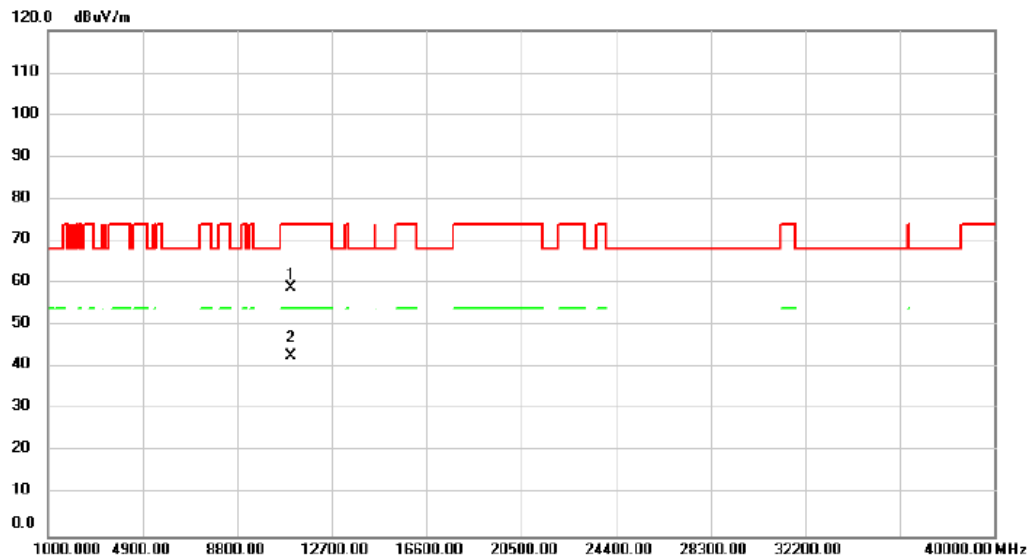


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10633.00	43.60	-0.40	43.20	74.00	-30.80	peak		
2	*	10633.00	31.37	-0.40	30.97	54.00	-23.03	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5500MHz	Polarization	Vertical

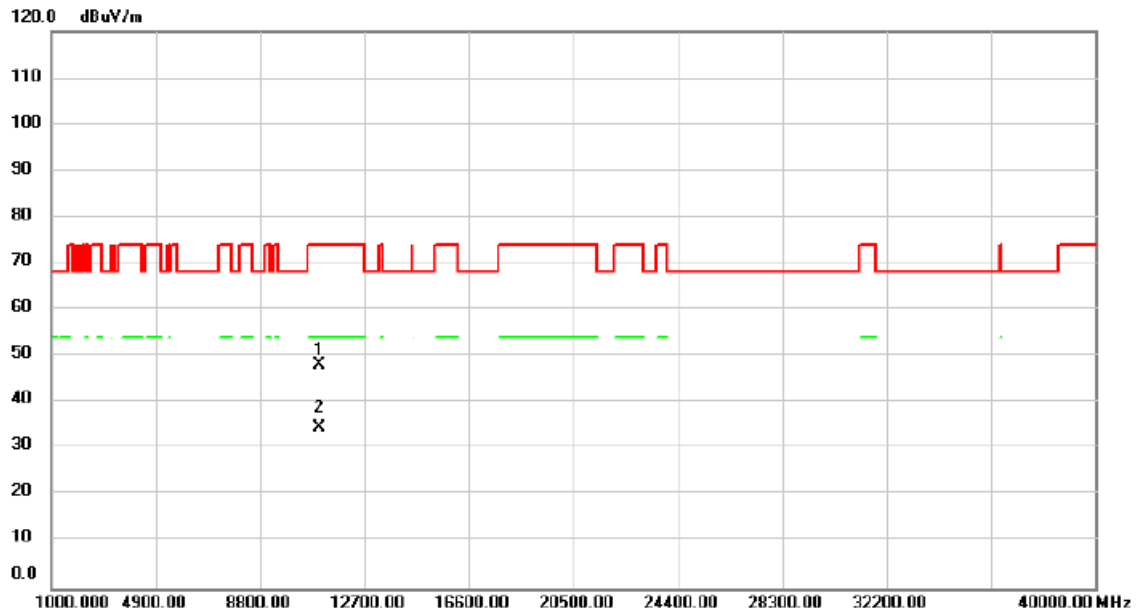


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10984.00	59.38	-0.28	59.10	74.00	-14.90	peak		
2	*	10984.00	43.13	-0.28	42.85	54.00	-11.15	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5500MHz	Polarization	Horizontal

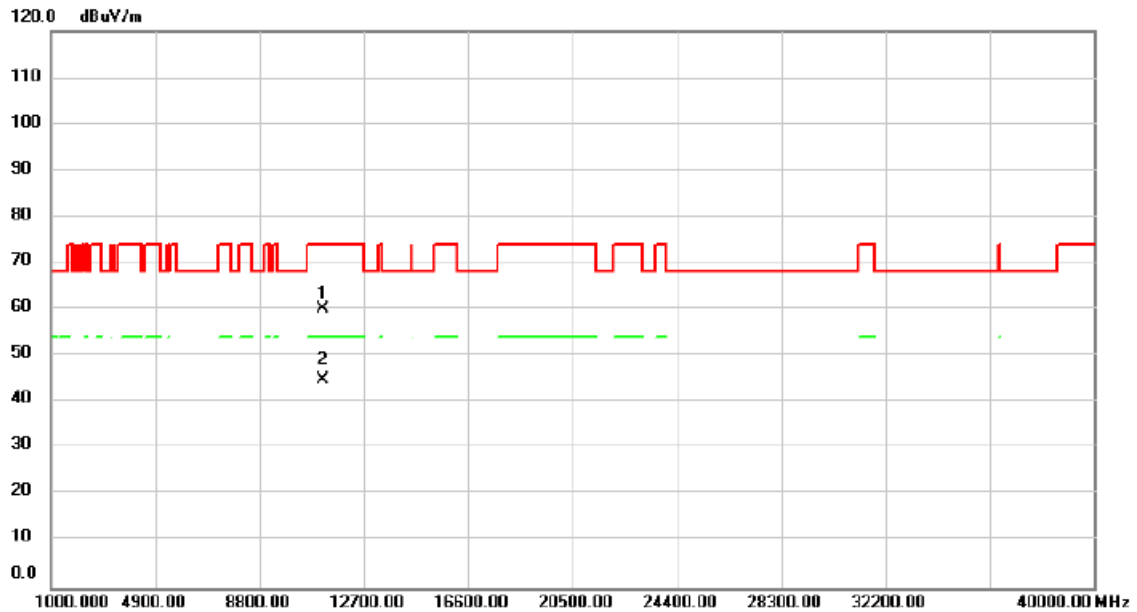


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10984.00	48.39	-0.28	48.11	74.00	-25.89	peak		
2	*	10984.00	35.02	-0.28	34.74	54.00	-19.26	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5580MHz	Polarization	Vertical

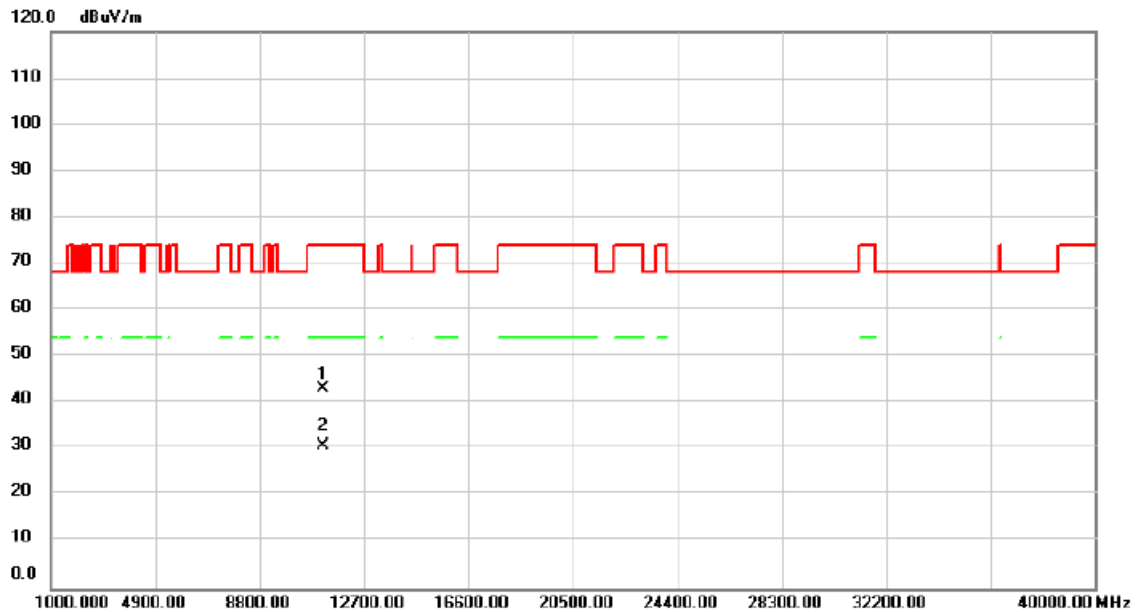


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11140.00	60.02	0.03	60.05	74.00	-13.95			peak
2	*	11140.00	44.75	0.03	44.78	54.00	-9.22			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5580MHz	Polarization	Horizontal

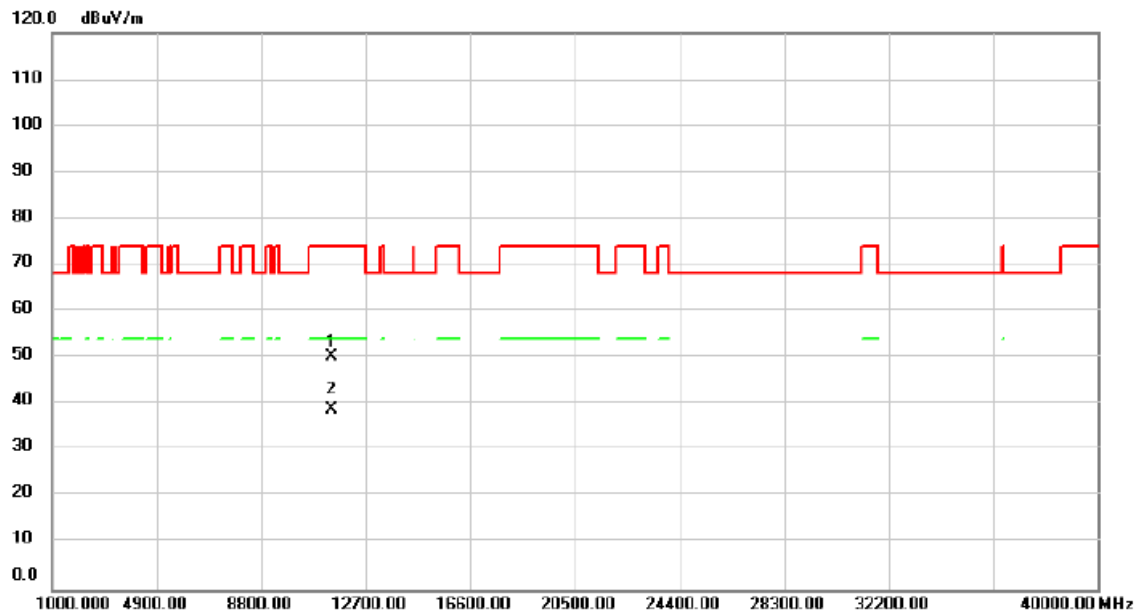


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11179.00	42.99	0.12	43.11	74.00	-30.89	peak		
2	*	11179.00	30.52	0.12	30.64	54.00	-23.36	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5700MHz	Polarization	Vertical

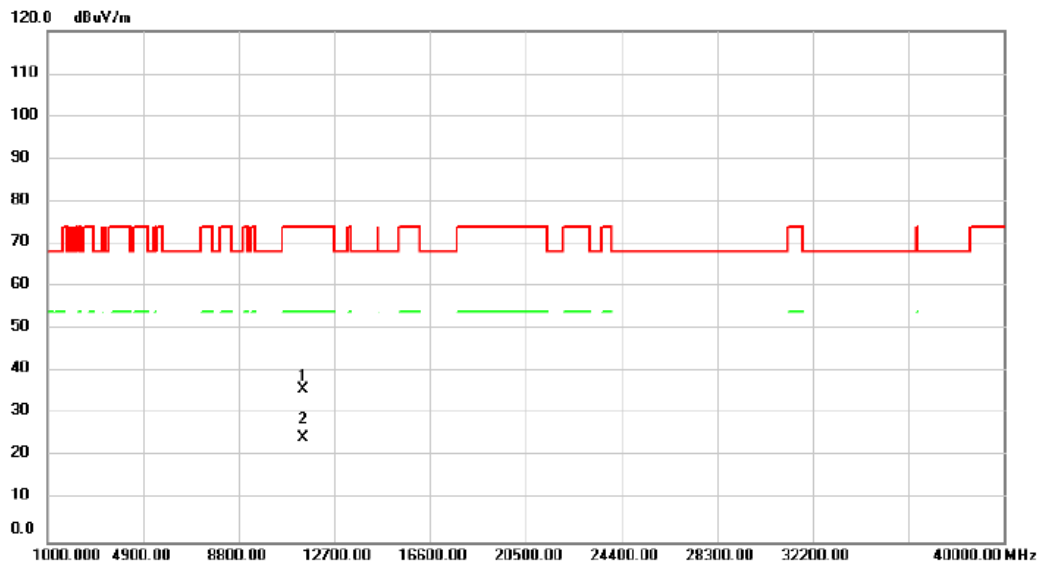


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11400.00	49.72	0.61	50.33	74.00	-23.67	peak		
2	*	11400.00	38.14	0.61	38.75	54.00	-15.25	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/6/12
Test Frequency	5700MHz	Polarization	Horizontal

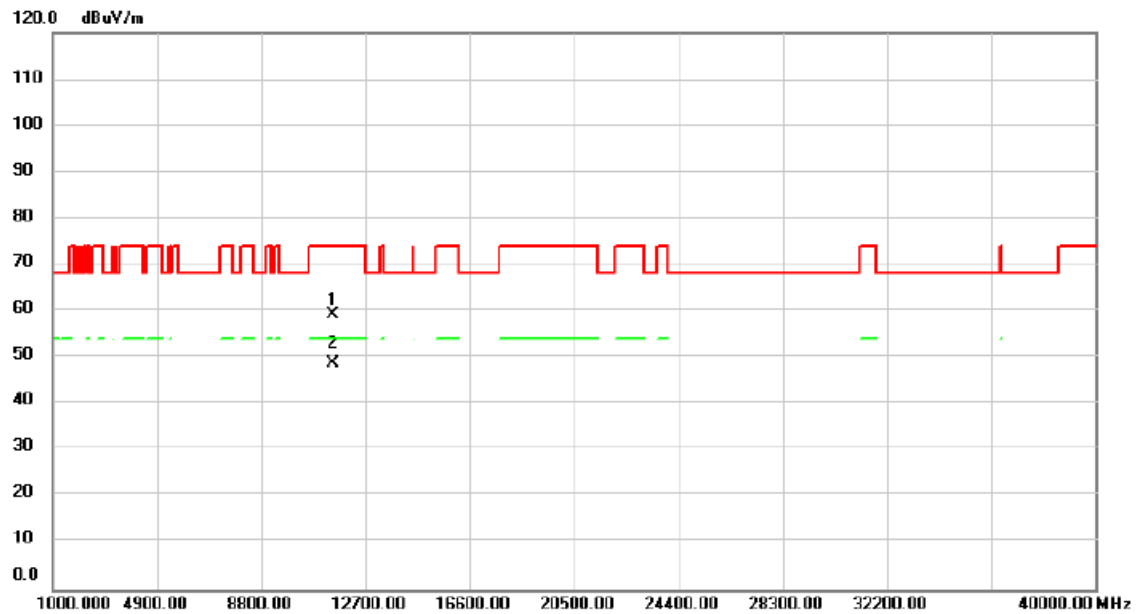


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11400.00	35.29	0.61	35.90	74.00	-38.10	peak		
2	*	11400.00	23.89	0.61	24.50	54.00	-29.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/12
Test Frequency	5745MHz	Polarization	Vertical

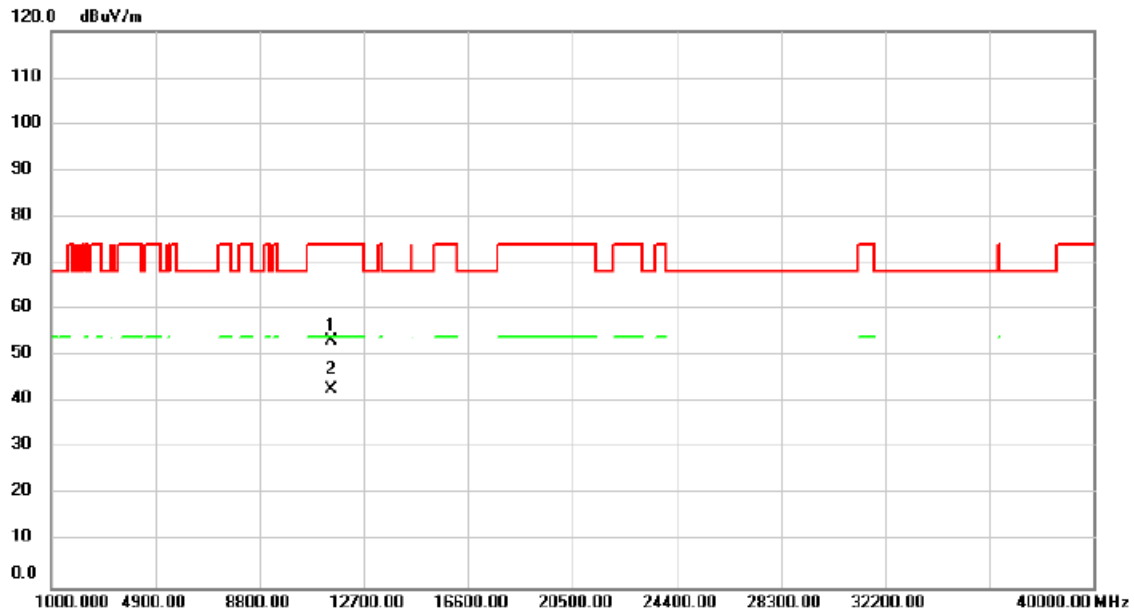


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11490.00	44.30	15.02	59.32	74.00	-14.68			peak
2	*	11490.00	33.59	15.02	48.61	54.00	-5.39			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/12
Test Frequency	5745MHz	Polarization	Horizontal

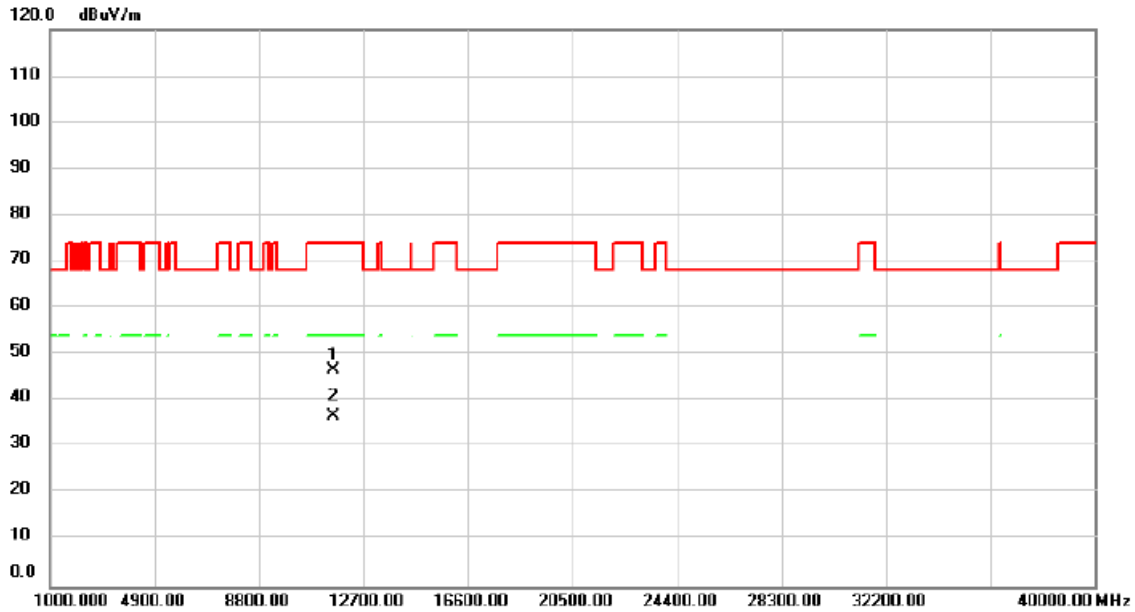


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11490.00	38.21	15.02	53.23	74.00	-20.77	peak		
2	*	11490.00	27.85	15.02	42.87	54.00	-11.13	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/15
Test Frequency	5785MHz	Polarization	Vertical

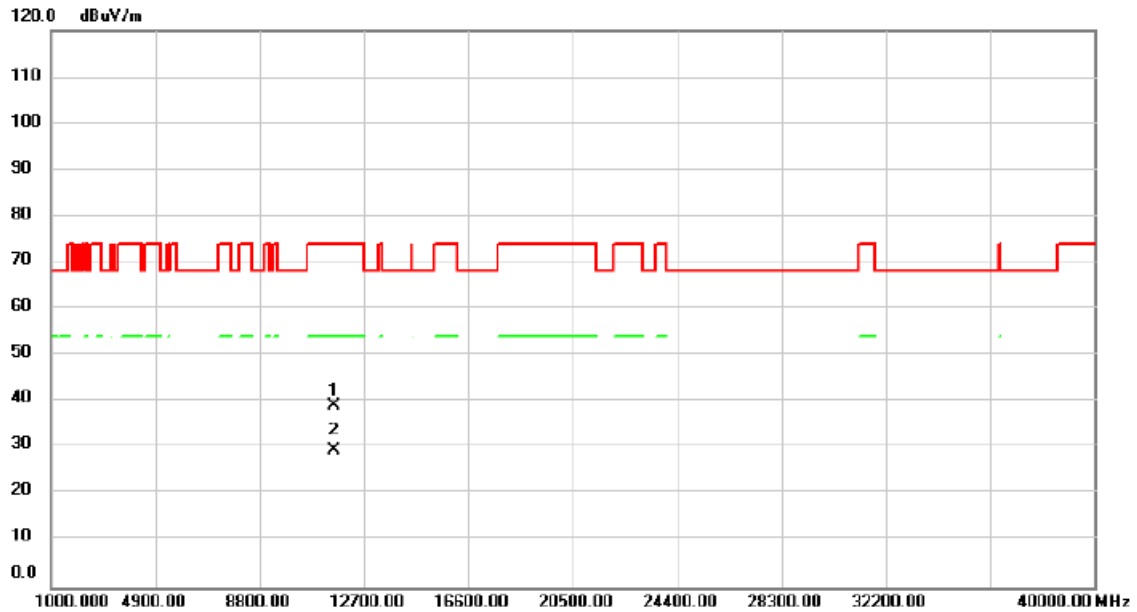


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11569.00	41.46	5.06	46.52	74.00	-27.48	peak		
2	*	11569.00	31.79	5.06	36.85	54.00	-17.15	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/15
Test Frequency	5785MHz	Polarization	Horizontal

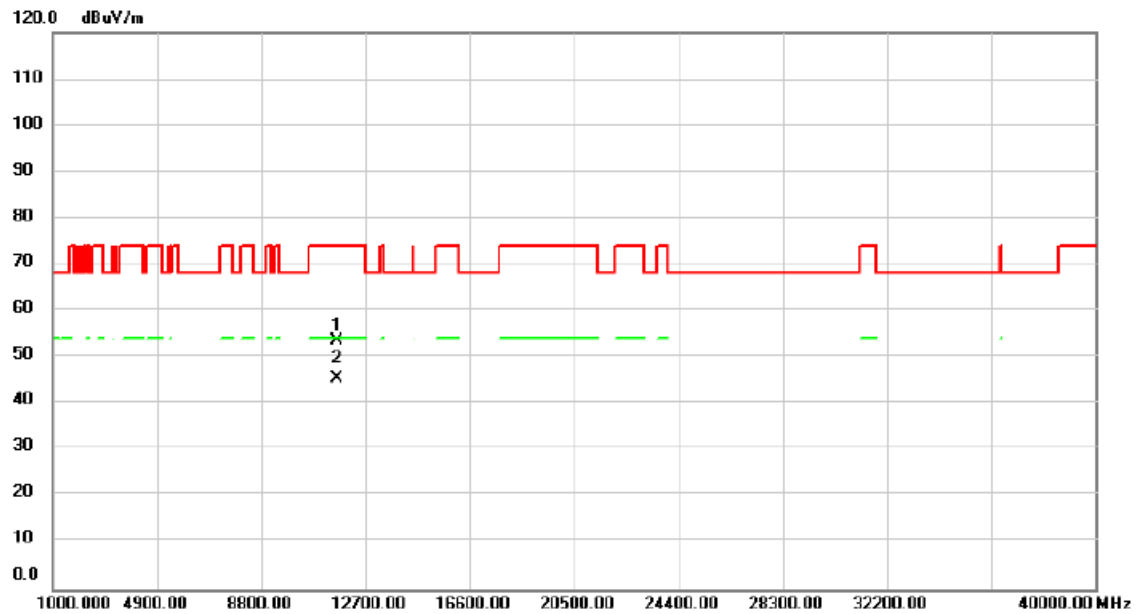


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11569.00	34.12	5.06	39.18	74.00	-34.82	peak		
2	*	11569.00	24.51	5.06	29.57	54.00	-24.43	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/15
Test Frequency	5825MHz	Polarization	Vertical

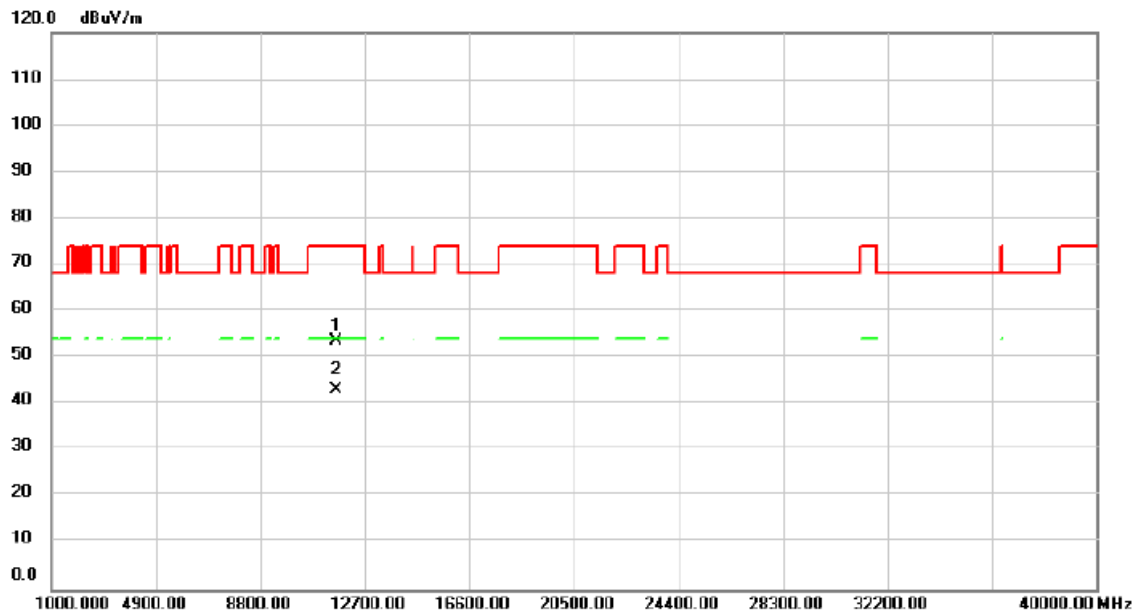


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11650.00	38.37	15.10	53.47	74.00	-20.53	peak		
2	*	11650.00	30.40	15.10	45.50	54.00	-8.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/4/15
Test Frequency	5825MHz	Polarization	Horizontal

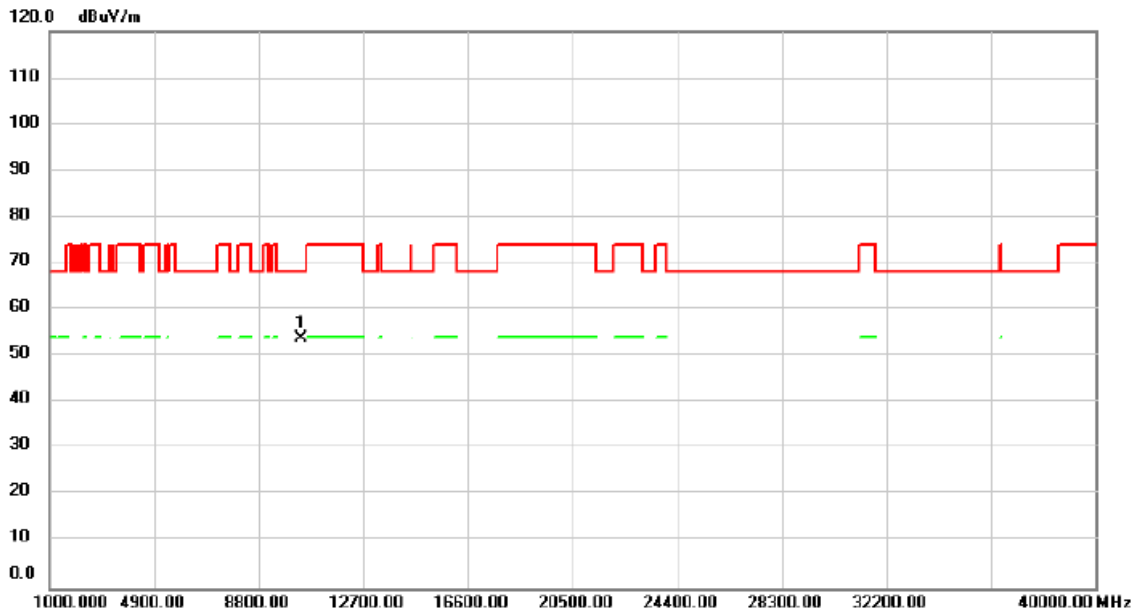


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11650.00	38.51	15.10	53.61	74.00	-20.39	peak		
2	*	11650.00	28.00	15.10	43.10	54.00	-10.90	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5190MHz	Polarization	Vertical

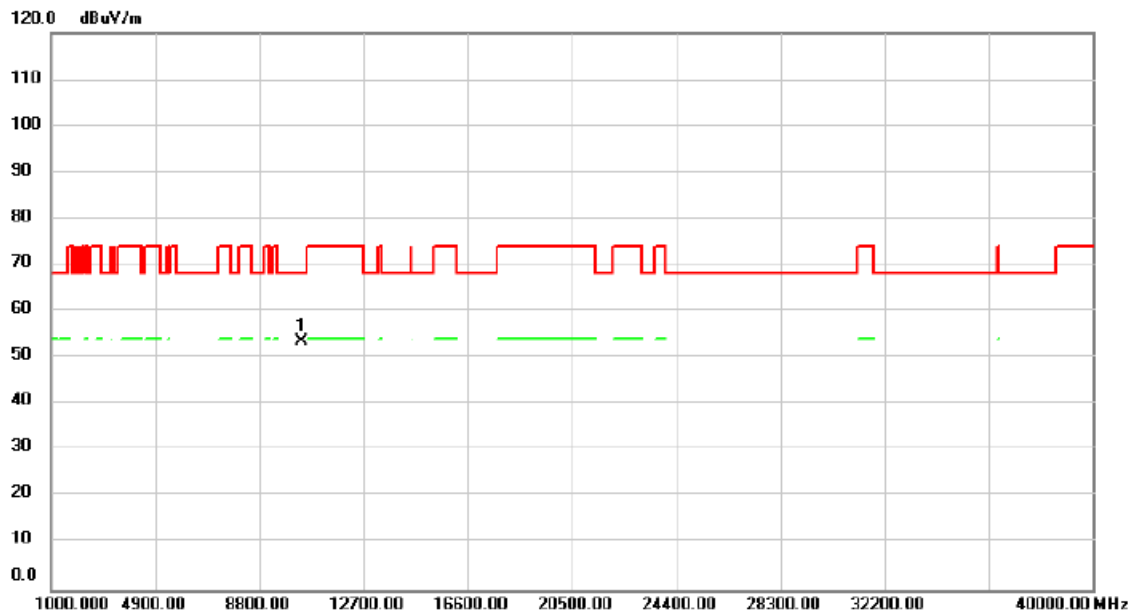


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10380.00	39.55	14.24	53.79	68.20	-14.41	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5190MHz	Polarization	Horizontal

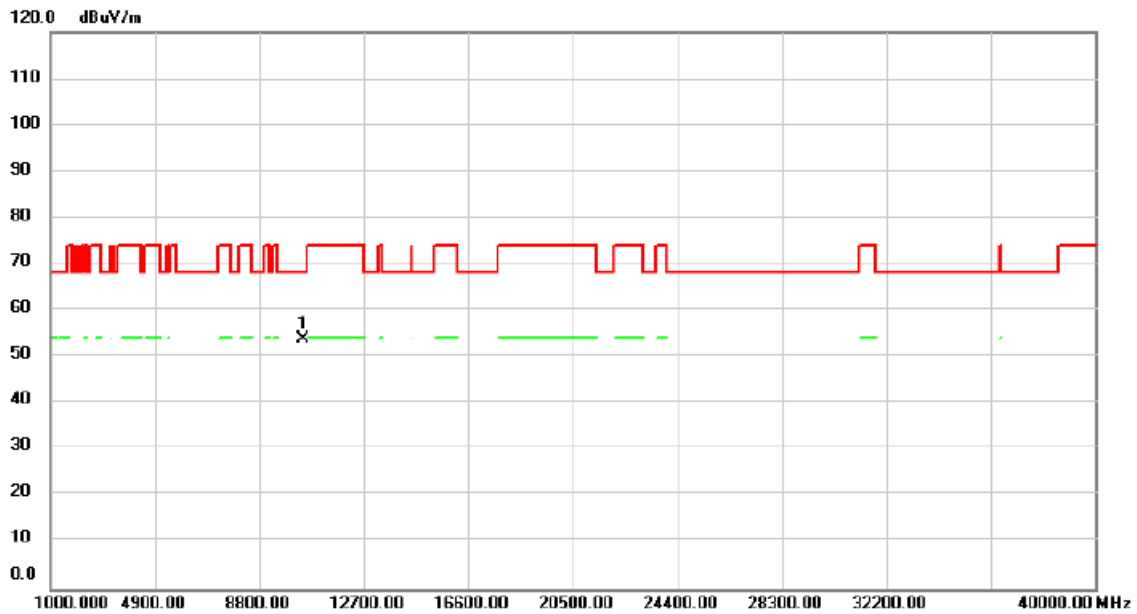


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10380.00	39.28	14.24	53.52	68.20	-14.68	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5230MHz	Polarization	Vertical

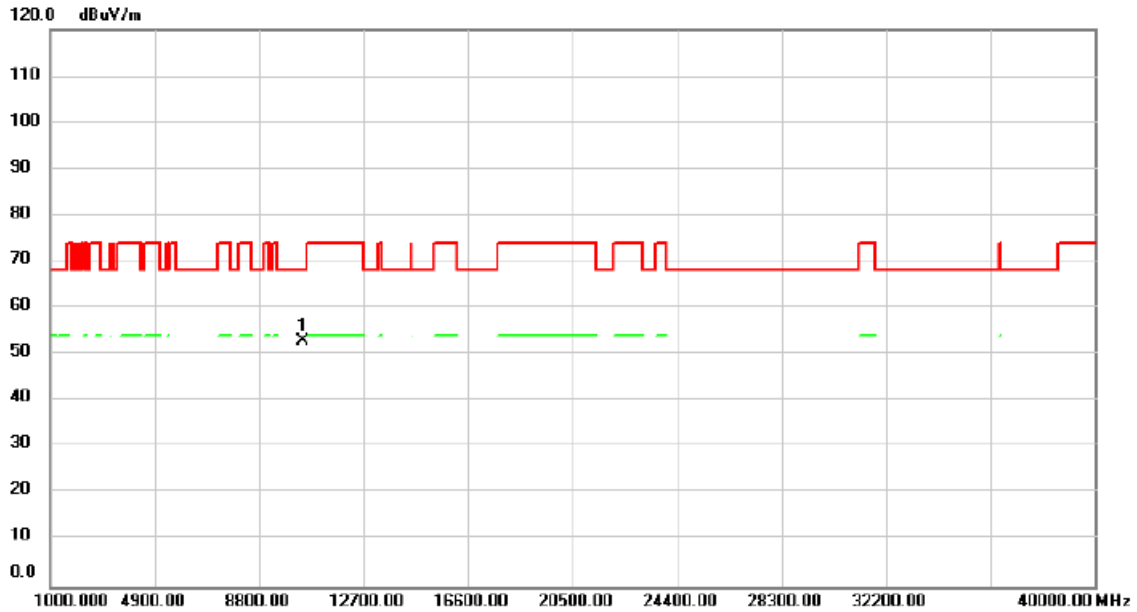


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10460.00	39.61	14.22	53.83	68.20	-14.37	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5230MHz	Polarization	Horizontal

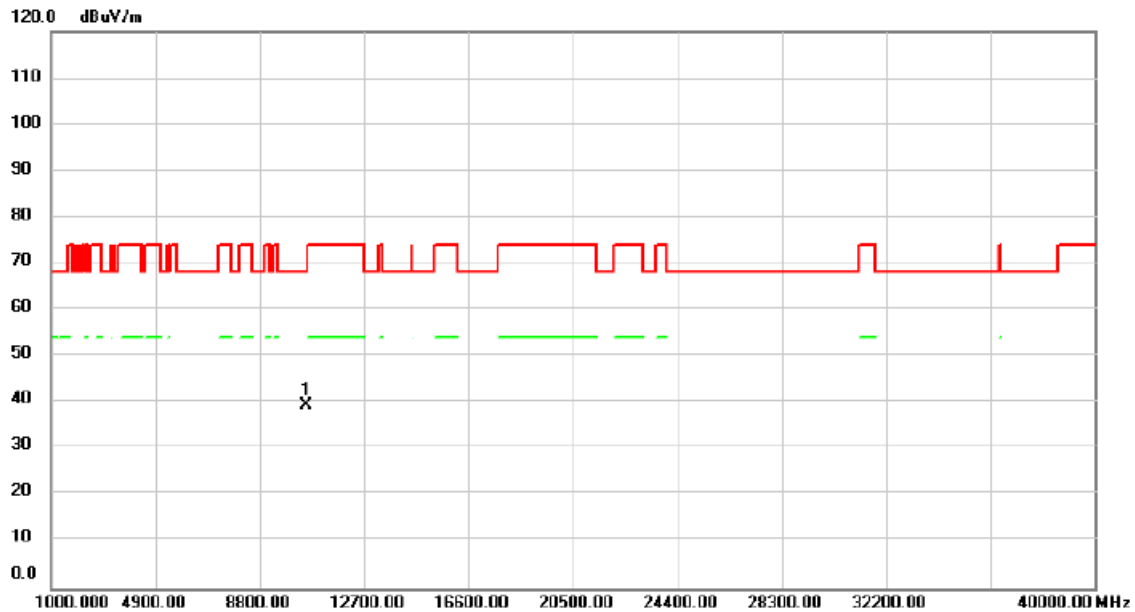


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10460.00	38.74	14.22	52.96	68.20	-15.24	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/12
Test Frequency	5270MHz	Polarization	Vertical

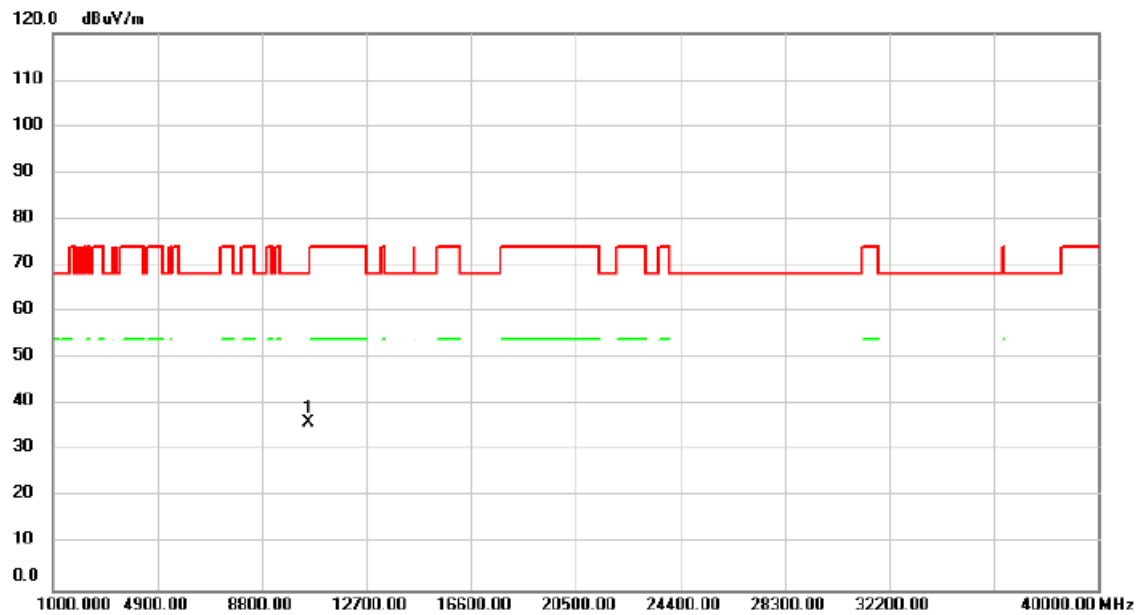


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10540.00	40.01	-0.44	39.57	68.20	-28.63	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/12
Test Frequency	5270MHz	Polarization	Horizontal

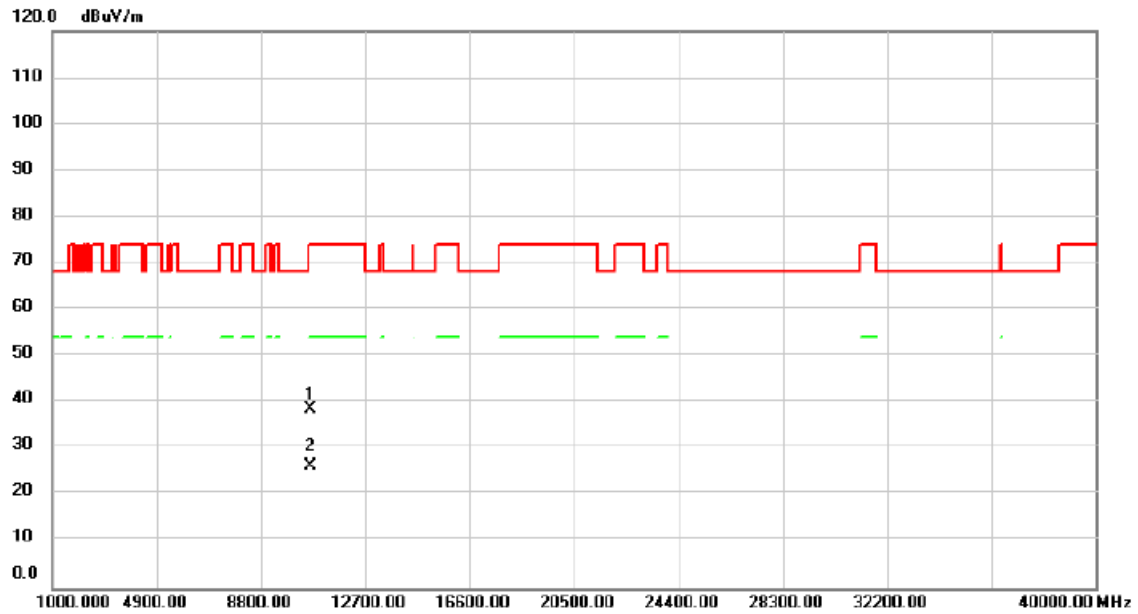


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10540.00	36.50	-0.44	36.06	68.20	-32.14	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/12
Test Frequency	5310MHz	Polarization	Vertical

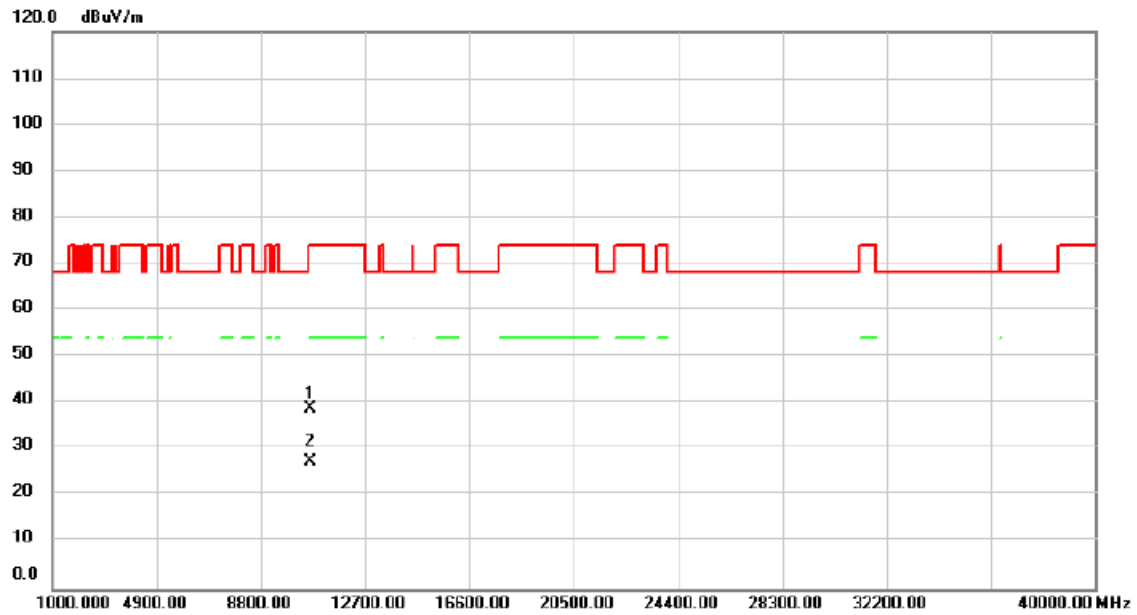


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		10620.00	38.81	-0.40	38.41	74.00	-35.59	peak		
2	*	10620.00	26.78	-0.40	26.38	54.00	-27.62	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/12
Test Frequency	5310MHz	Polarization	Horizontal

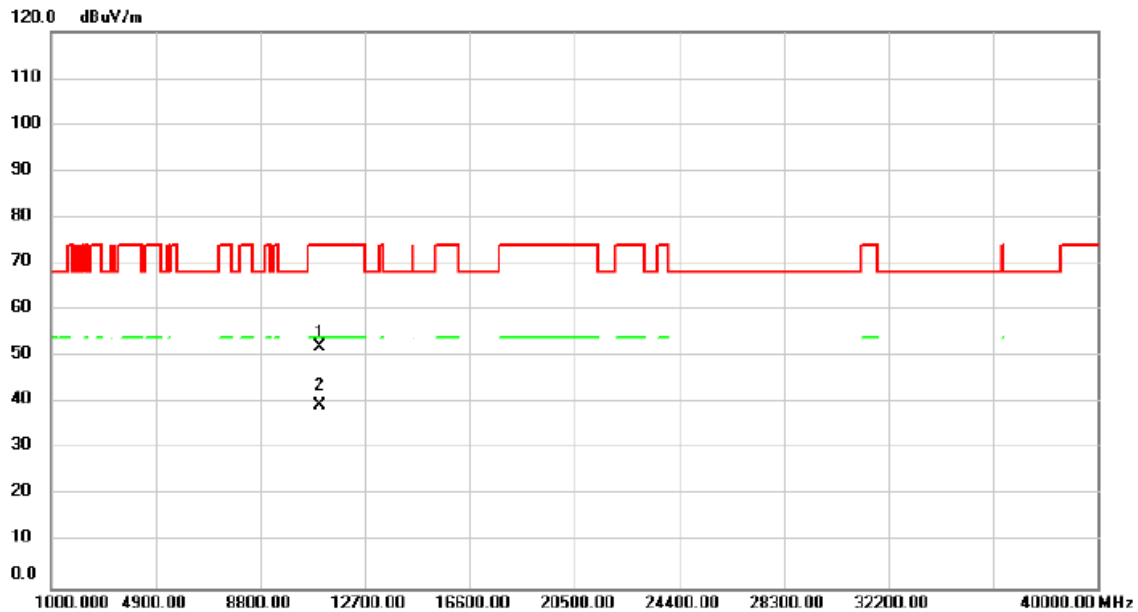


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10620.00	39.39	-0.40	38.99	74.00	-35.01	peak		
2	*	10620.00	27.76	-0.40	27.36	54.00	-26.64	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/12
Test Frequency	5510MHz	Polarization	Vertical

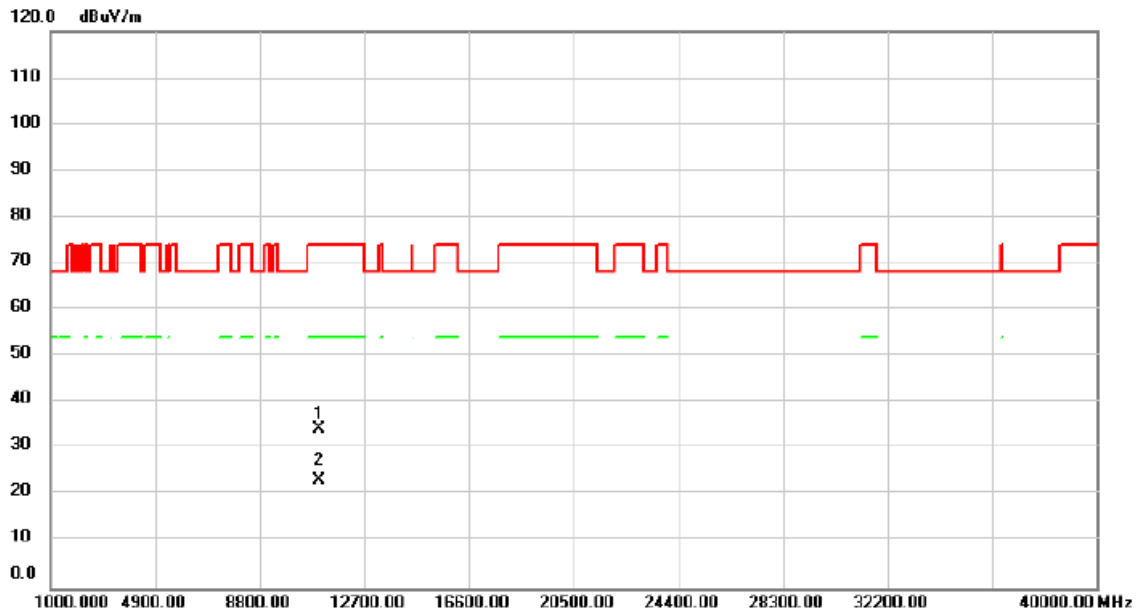


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11020.00	52.31	-0.22	52.09	74.00	-21.91	peak		
2	*	11020.00	39.63	-0.22	39.41	54.00	-14.59	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/13
Test Frequency	5510MHz	Polarization	Horizontal

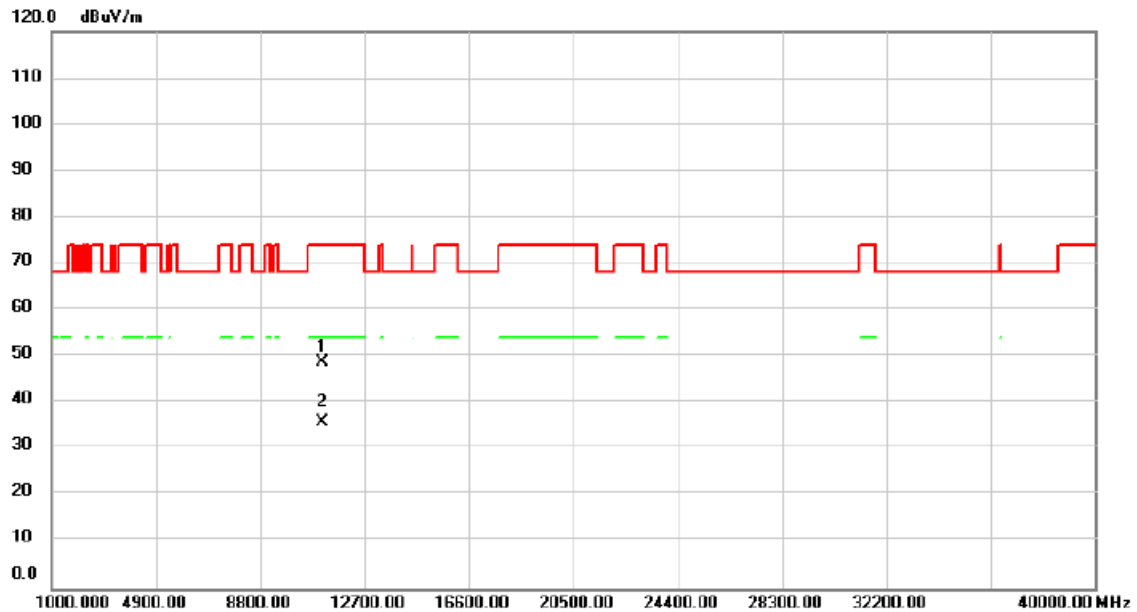


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11020.00	34.63	-0.22	34.41	74.00	-39.59	peak		
2	*	11020.00	23.47	-0.22	23.25	54.00	-30.75	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/13
Test Frequency	5550MHz	Polarization	Vertical

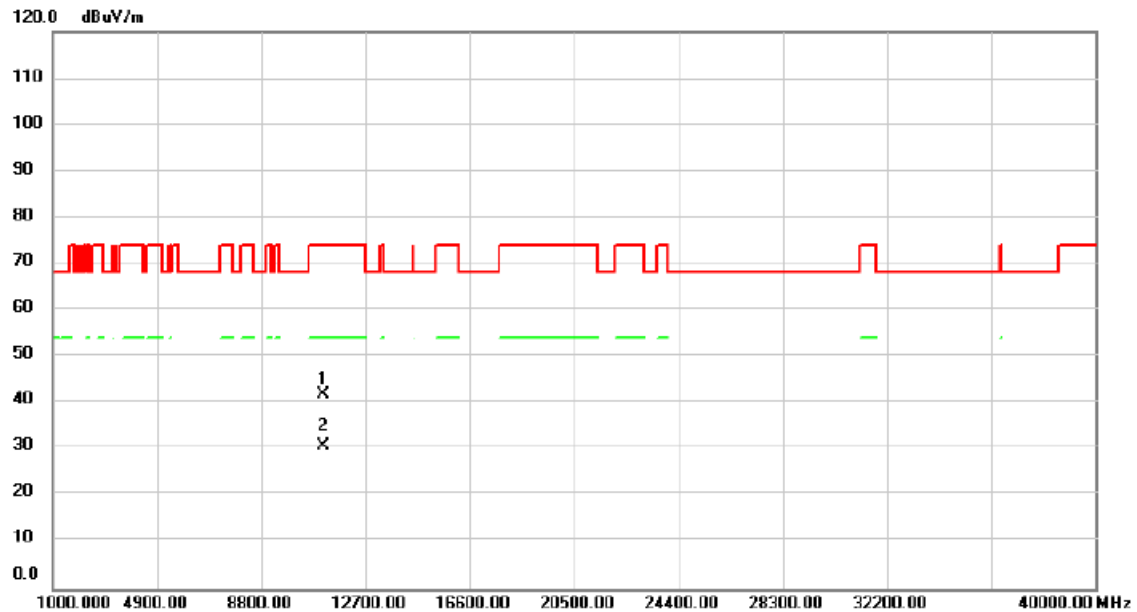


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11100.00	48.67	-0.04	48.63	74.00	-25.37	peak		
2	*	11100.00	35.90	-0.04	35.86	54.00	-18.14	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/13
Test Frequency	5550MHz	Polarization	Horizontal

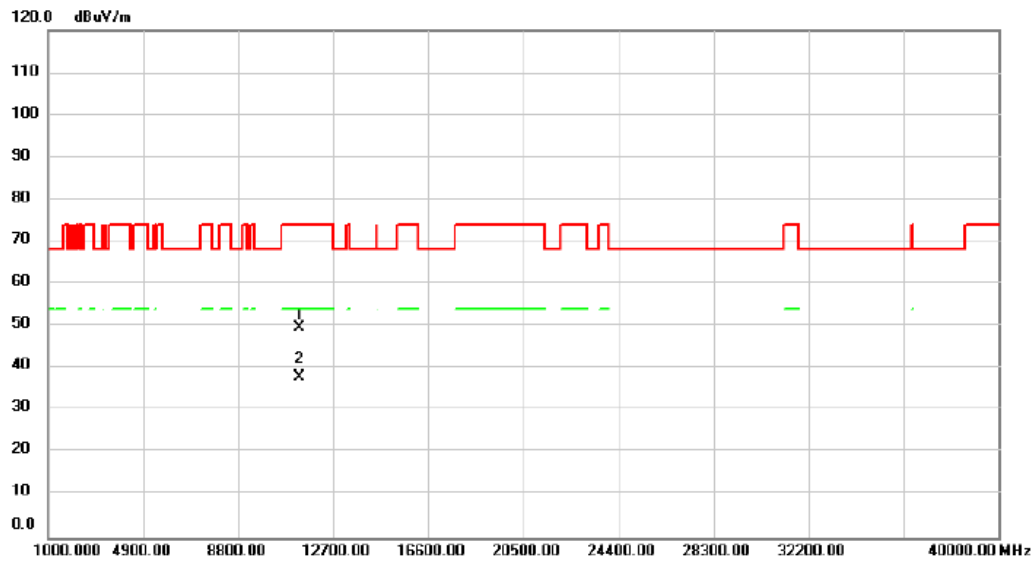


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11101.00	41.98	-0.04	41.94	74.00	-32.06	peak		
2	*	11101.00	30.72	-0.04	30.68	54.00	-23.32	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/13
Test Frequency	5670MHz	Polarization	Vertical

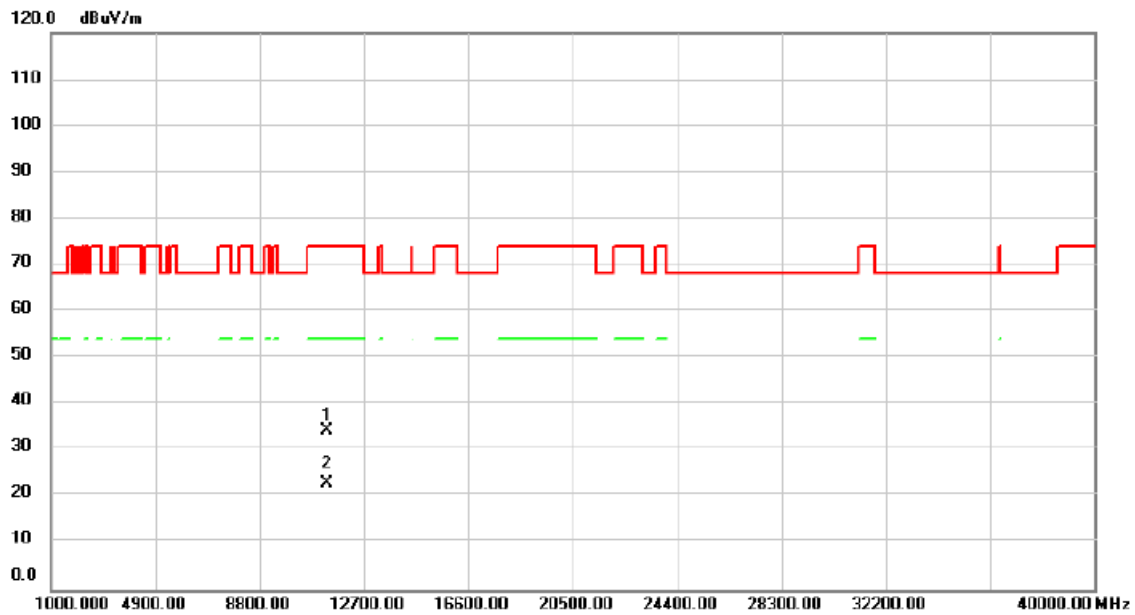


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11335.00	49.12	0.47	49.59	74.00	-24.41	peak		
2	*	11335.00	37.58	0.47	38.05	54.00	-15.95	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/6/13
Test Frequency	5670MHz	Polarization	Horizontal

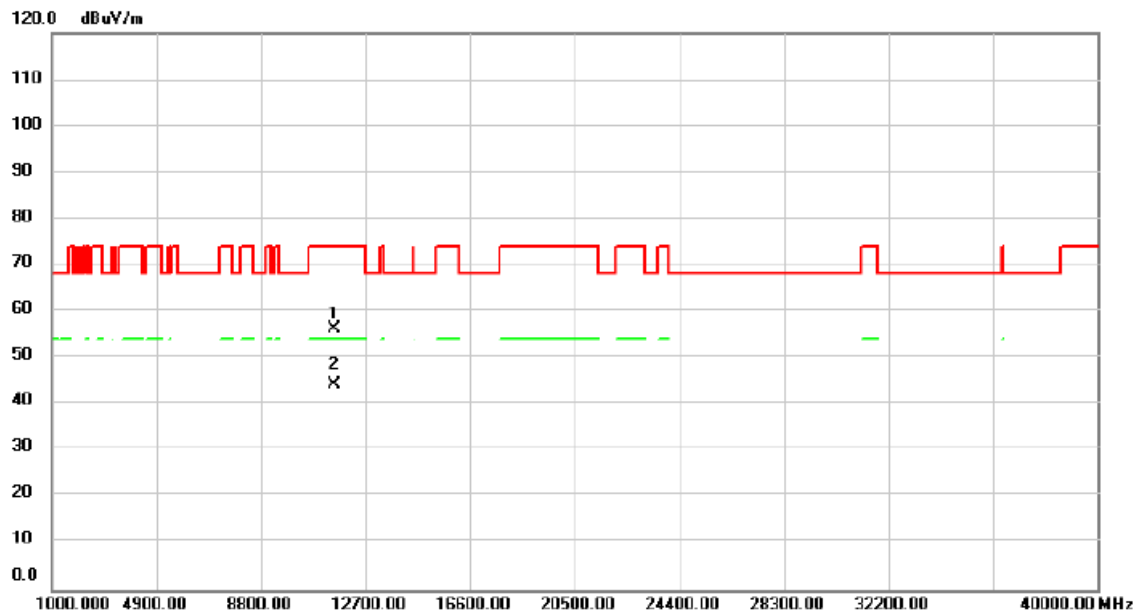


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11340.00	33.77	0.49	34.26	74.00	-39.74	peak		
2	*	11340.00	22.60	0.49	23.09	54.00	-30.91	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5755MHz	Polarization	Vertical

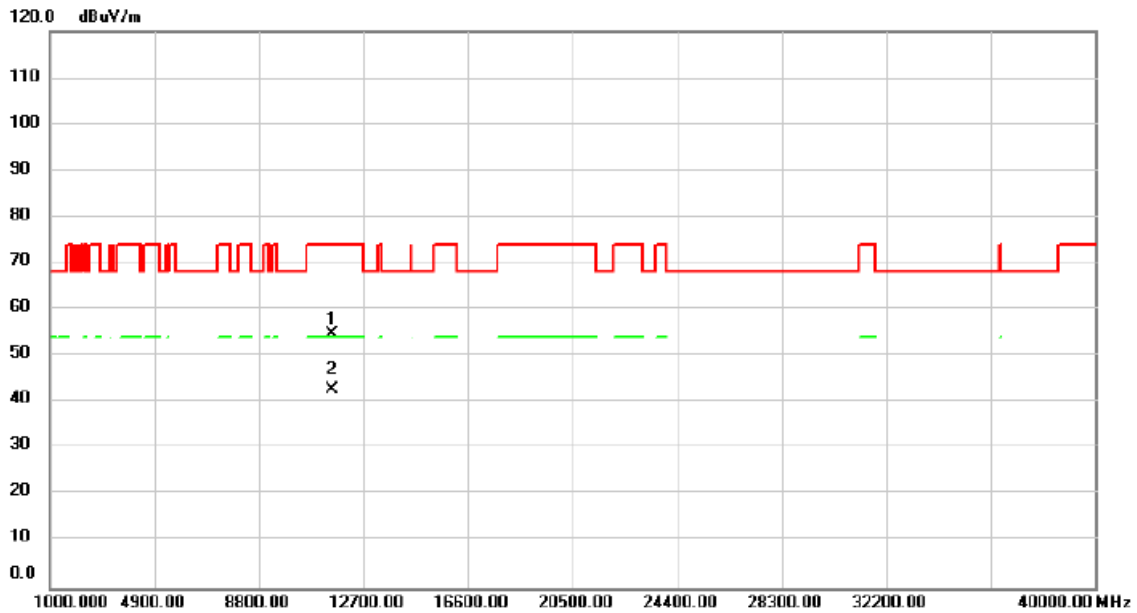


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11510.00	41.13	15.03	56.16	74.00	-17.84	peak		
2	*	11510.00	29.26	15.03	44.29	54.00	-9.71	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5755MHz	Polarization	Horizontal

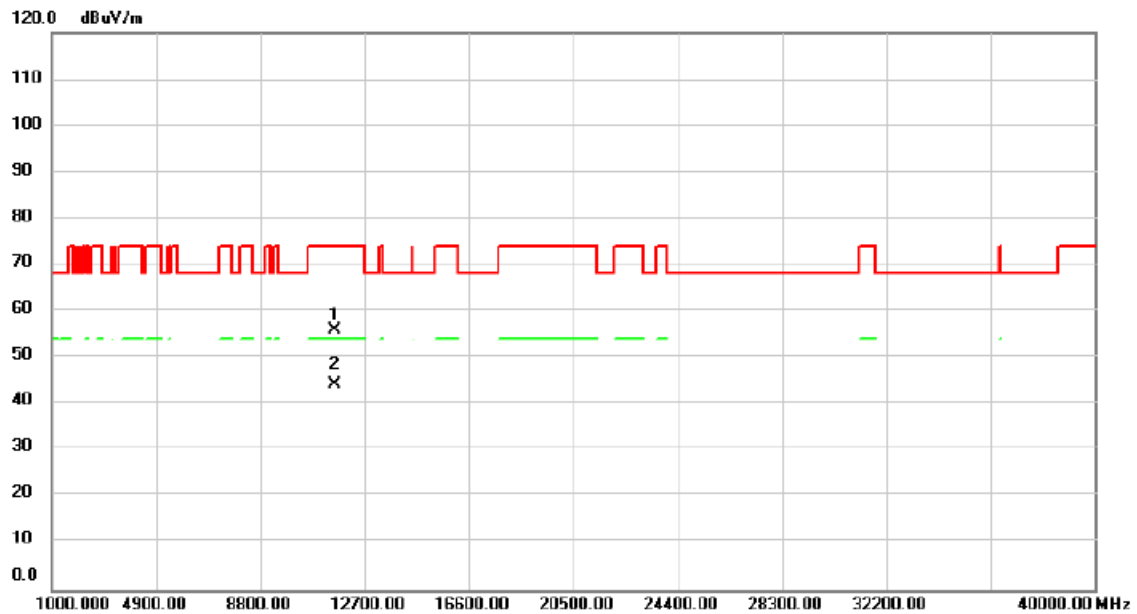


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11510.00	39.59	15.03	54.62	74.00	-19.38	peak		
2	*	11510.00	27.59	15.03	42.62	54.00	-11.38	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5795MHz	Polarization	Vertical

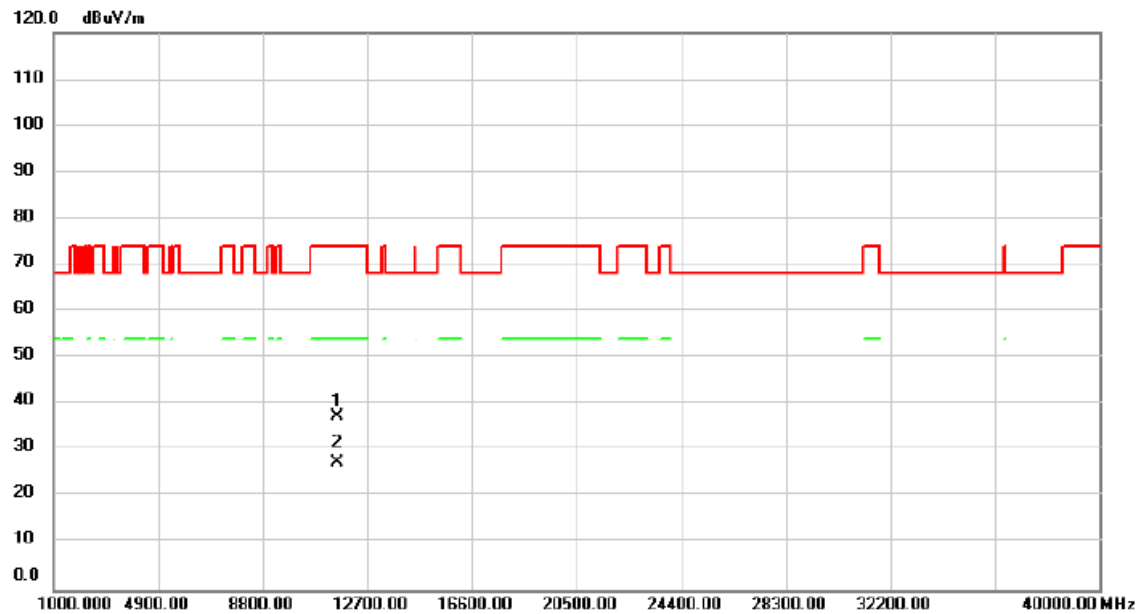


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11590.00	40.92	15.08	56.00	74.00	-18.00	peak		
2	*	11590.00	29.05	15.08	44.13	54.00	-9.87	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/4/12
Test Frequency	5795MHz	Polarization	Horizontal

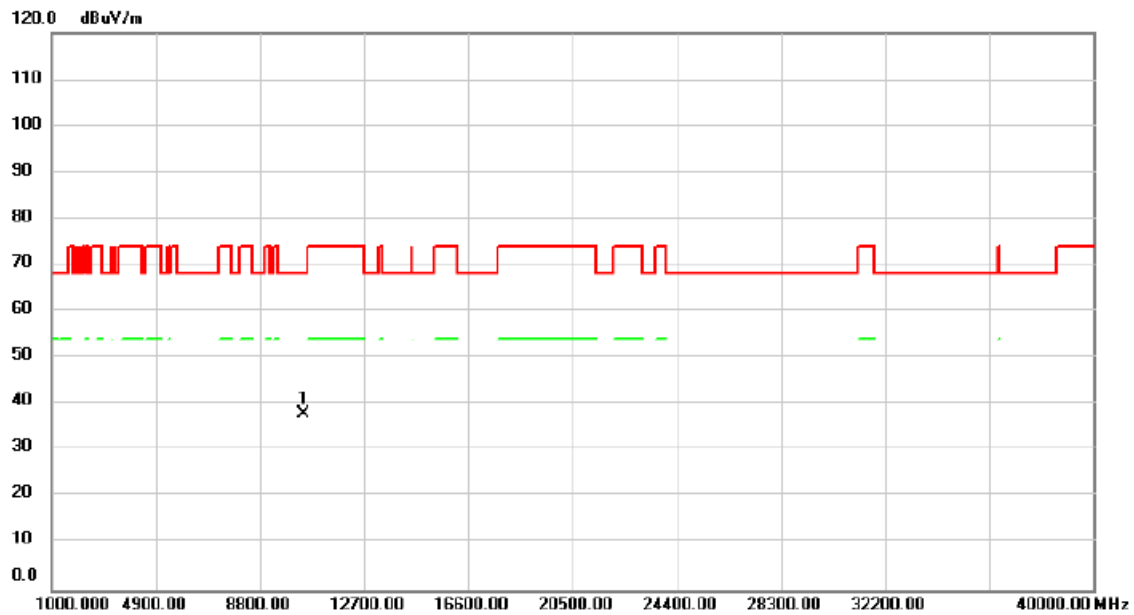


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11590.00	32.15	5.08	37.23	74.00	-36.77	peak		
2	*	11590.00	22.31	5.08	27.39	54.00	-26.61	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/4/12
Test Frequency	5210MHz	Polarization	Vertical

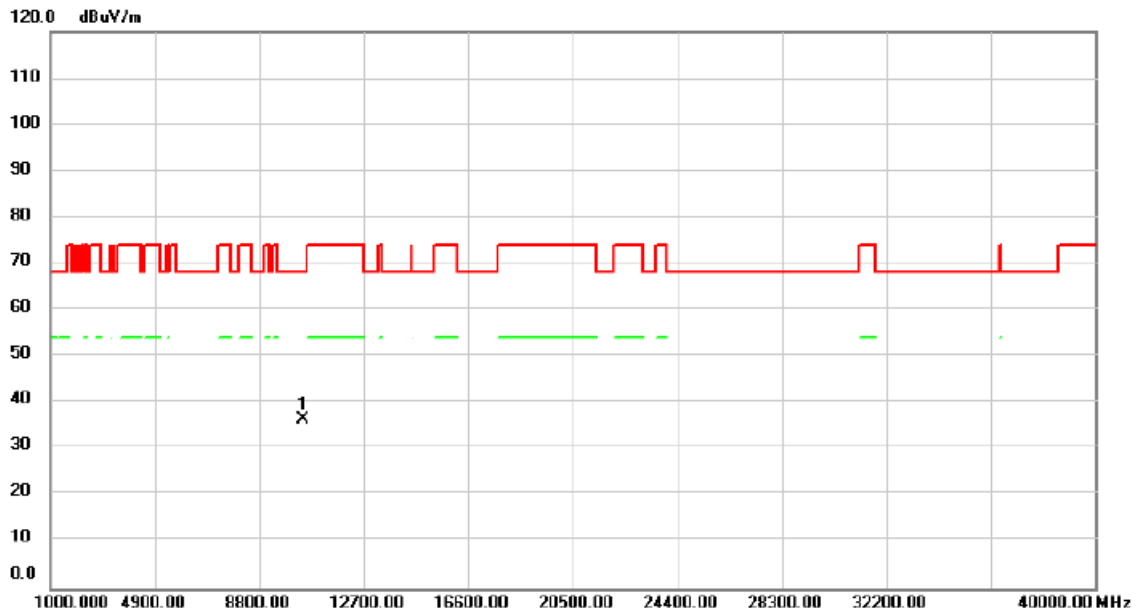


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10420.00	33.68	4.22	37.90	68.20	-30.30	peak		Comment

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/4/12
Test Frequency	5210MHz	Polarization	Horizontal

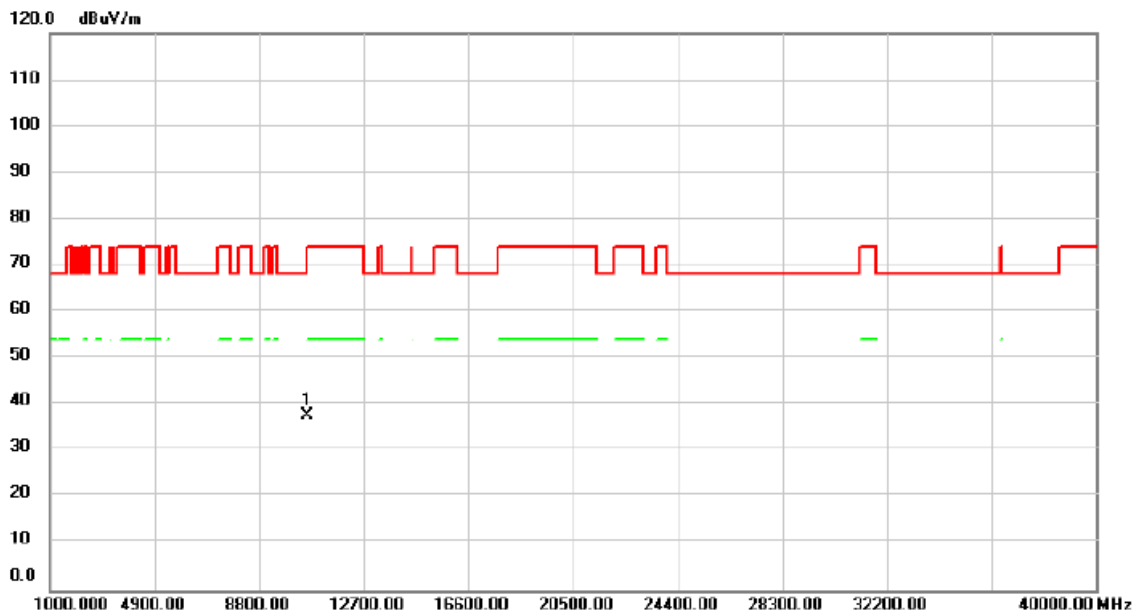


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10420.00	32.11	4.22	36.33	68.20	-31.87	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/6/13
Test Frequency	5290MHz	Polarization	Vertical

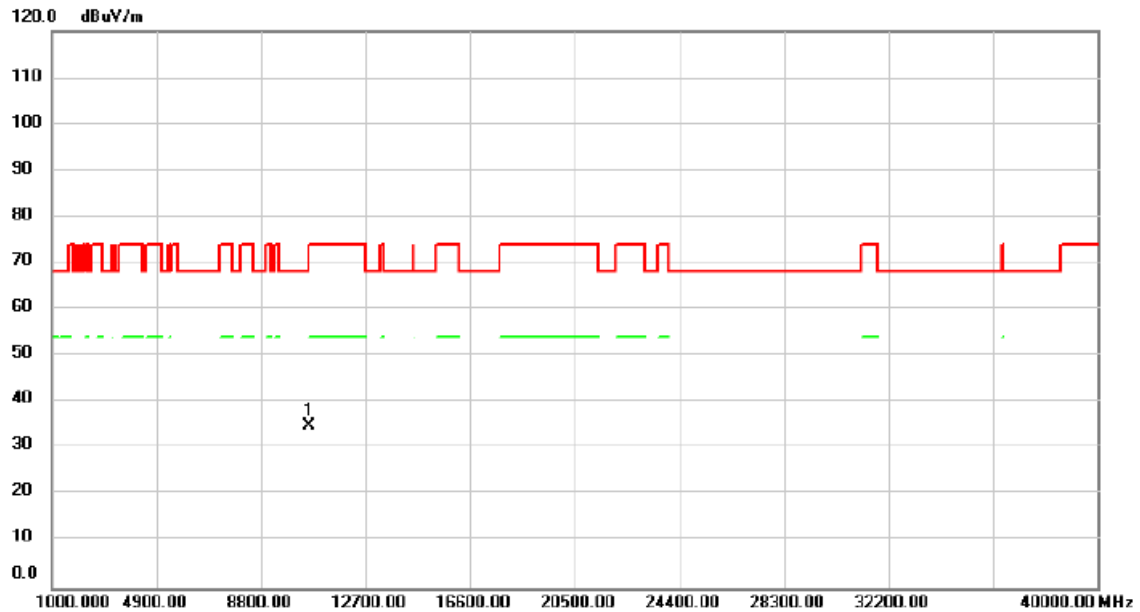


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10580.00	38.18	-0.42	37.76	68.20	-30.44	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/6/13
Test Frequency	5290MHz	Polarization	Horizontal

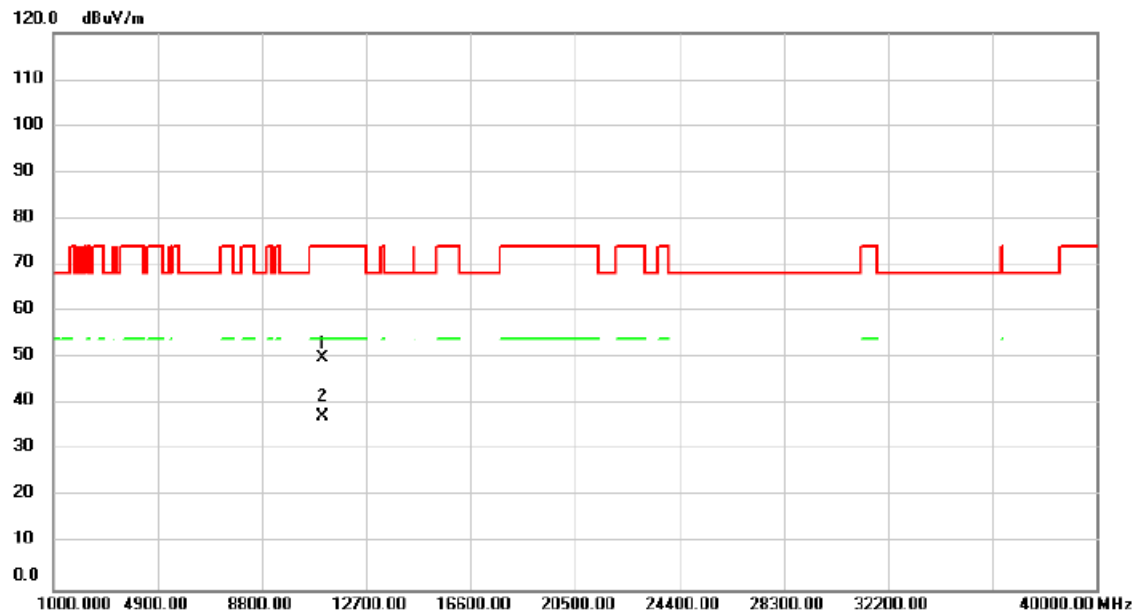


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10580.00	35.39	-0.42	34.97	68.20	-33.23	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/6/13
Test Frequency	5530MHz	Polarization	Vertical

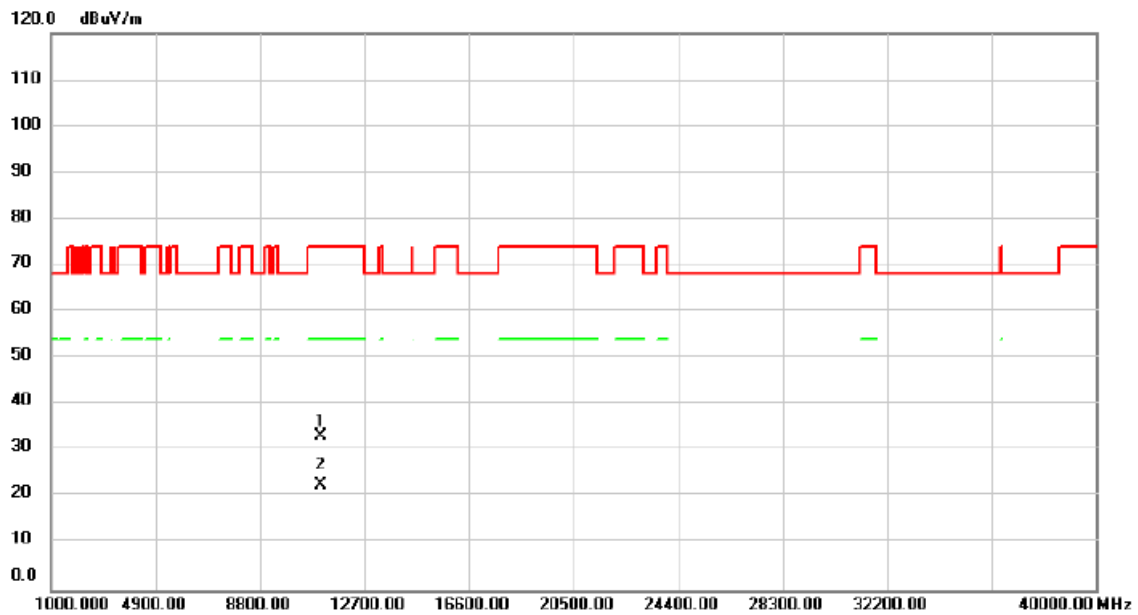


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11062.00	50.10	-0.13	49.97	74.00	-24.03	peak		
2	*	11062.00	37.50	-0.13	37.37	54.00	-16.63	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/6/13
Test Frequency	5530MHz	Polarization	Horizontal

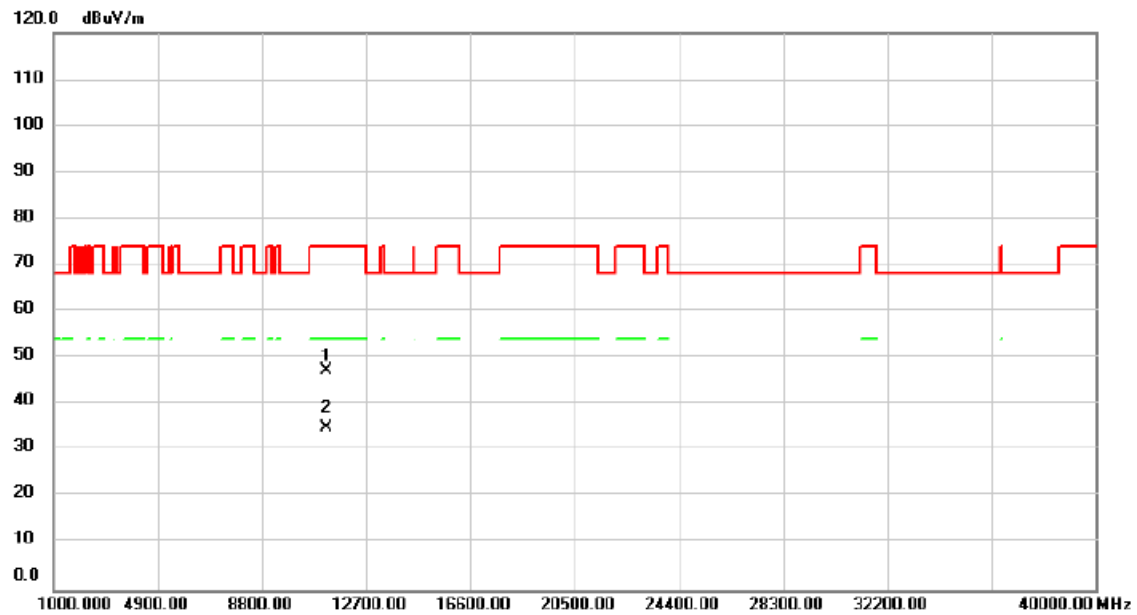


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11060.00	33.22	-0.13	33.09	74.00	-40.91	peak		
2	*	11060.00	22.70	-0.13	22.57	54.00	-31.43	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/6/13
Test Frequency	5610MHz	Polarization	Vertical

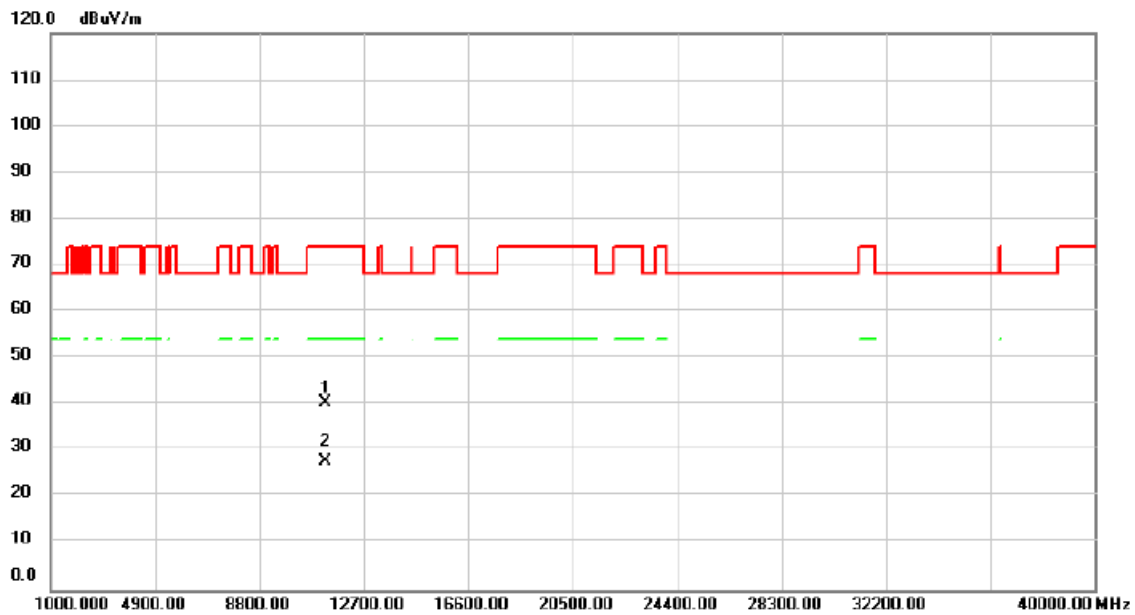


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11220.00	47.04	0.22	47.26	74.00	-26.74	peak		
2	*	11220.00	34.67	0.22	34.89	54.00	-19.11	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/6/13
Test Frequency	5610MHz	Polarization	Horizontal

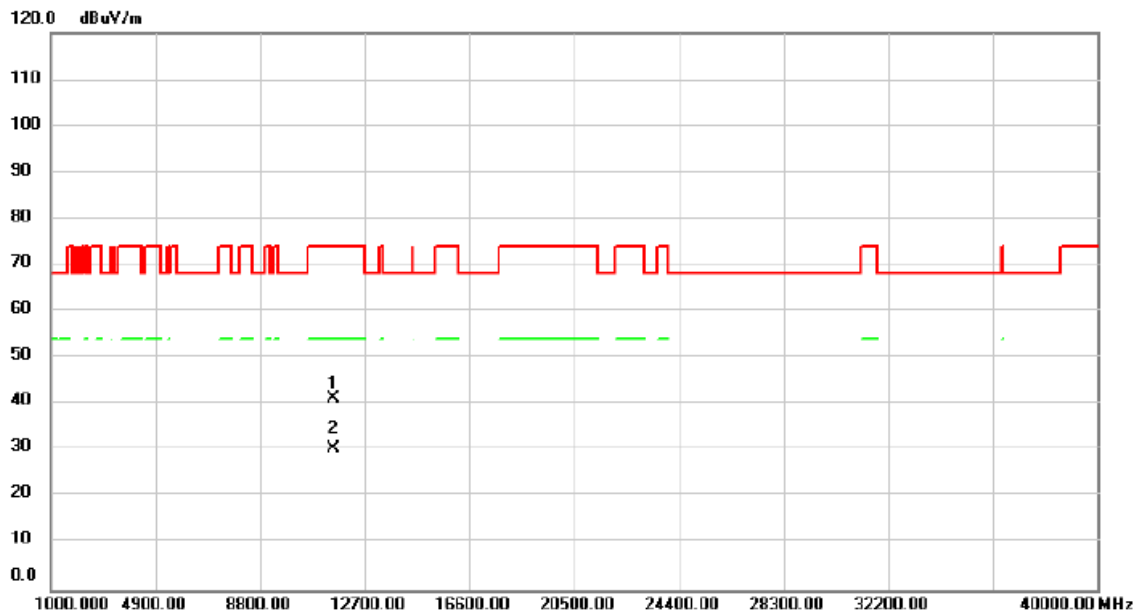


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11257.00	40.15	0.30	40.45	74.00	-33.55	peak		
2	*	11257.00	27.32	0.30	27.62	54.00	-26.38	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/4/12
Test Frequency	5775MHz	Polarization	Vertical

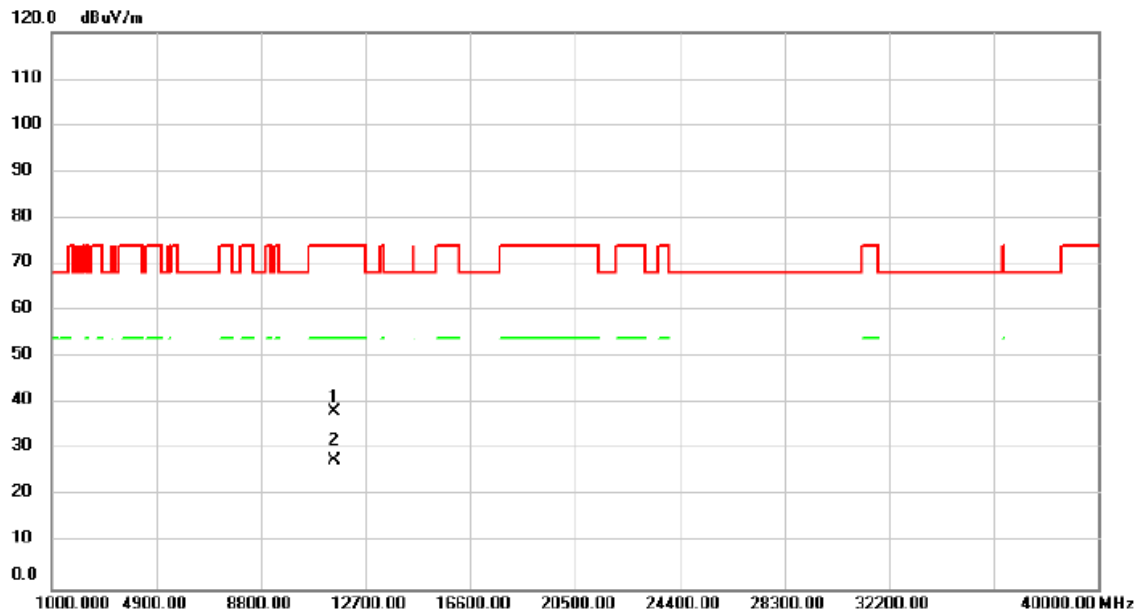


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11550.00	36.20	5.05	41.25	74.00	-32.75	peak		
2	*	11550.00	25.34	5.05	30.39	54.00	-23.61	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/4/12
Test Frequency	5775MHz	Polarization	Horizontal



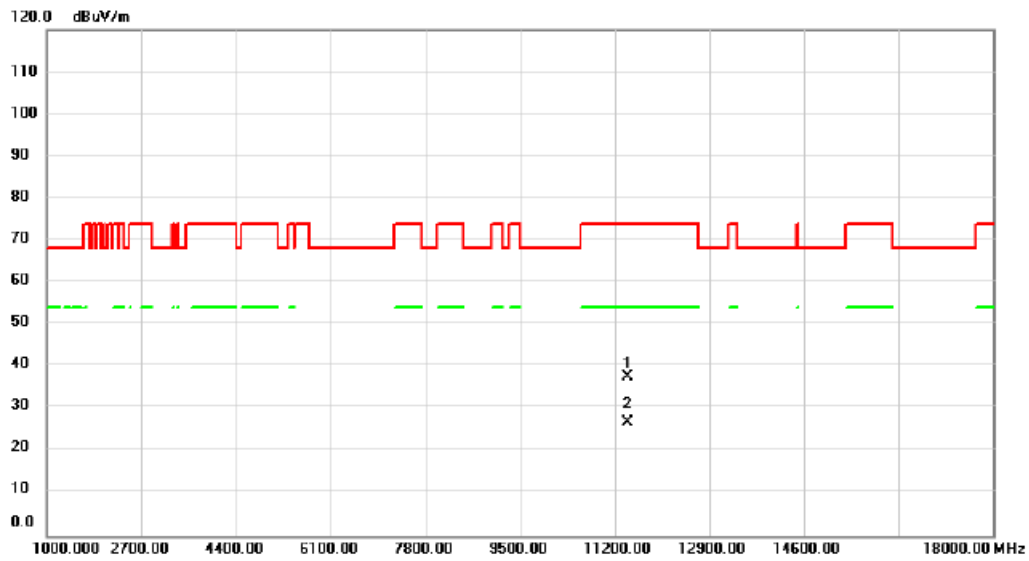
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11550.00	33.32	5.05	38.37	74.00	-35.63	peak		
2	*	11550.00	22.75	5.05	27.80	54.00	-26.20	AVG		

REMARKS:

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

For Straddle Channel:

Test Mode	IEEE 802.11a	Test Date	2024/10/24
Test Frequency	5720MHz	Polarization	Vertical

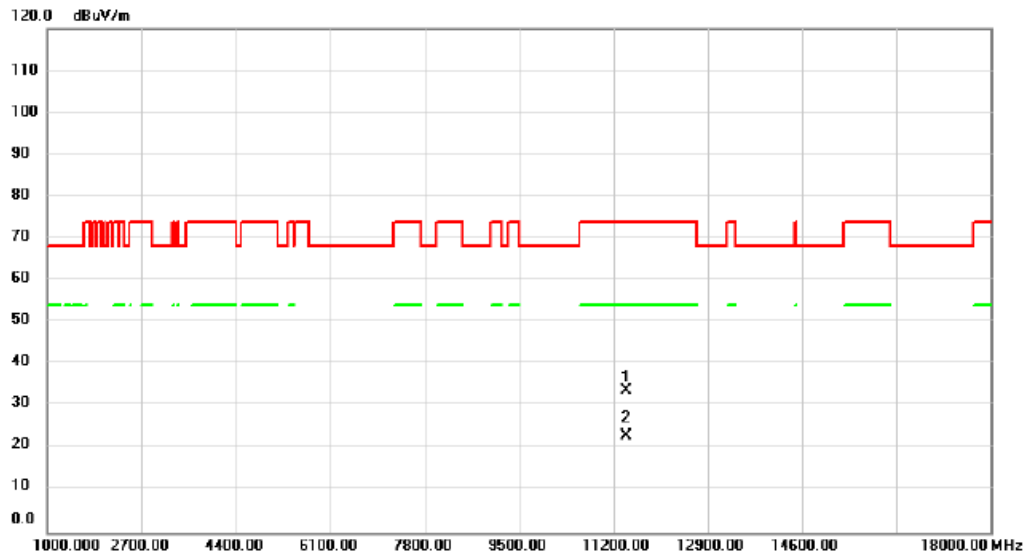


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11438.00	37.00	0.70	37.70	74.00	-36.30	peak		
2	*	11438.00	26.21	0.70	26.91	54.00	-27.09	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/10/24
Test Frequency	5720MHz	Polarization	Horizontal

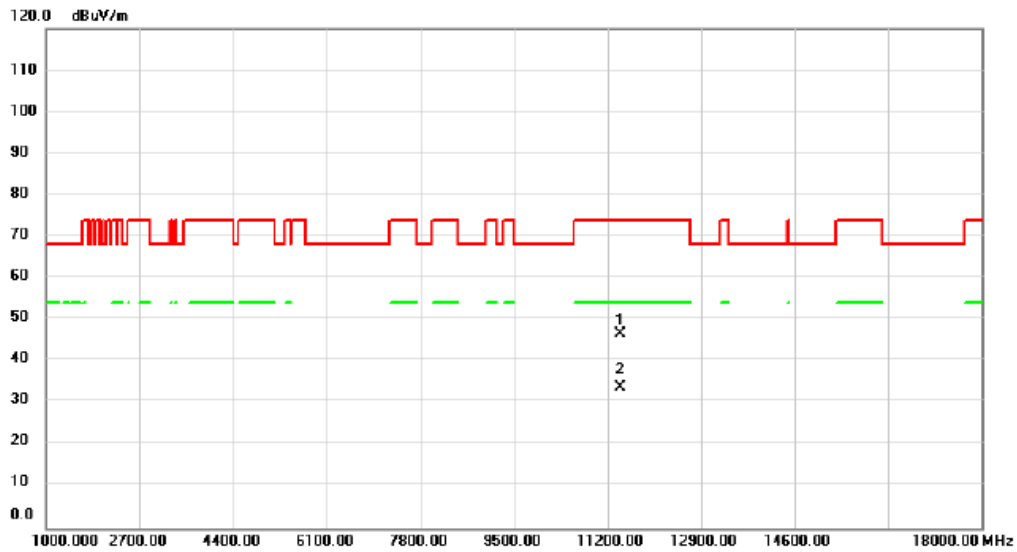


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11440.00	33.07	0.70	33.77	74.00	-40.23	peak		
2	*	11440.00	22.27	0.70	22.97	54.00	-31.03	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/10/24
Test Frequency	5720MHz	Polarization	Vertical

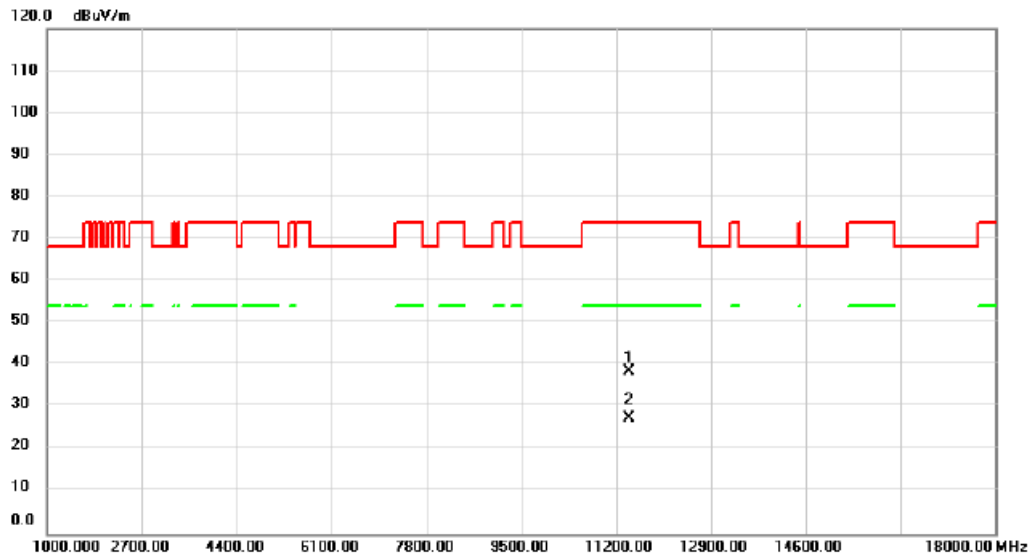


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11438.00	45.98	0.70	46.68	74.00	-27.32	peak		
2	*	11438.00	32.99	0.70	33.69	54.00	-20.31	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT20)	Test Date	2024/10/24
Test Frequency	5720MHz	Polarization	Horizontal

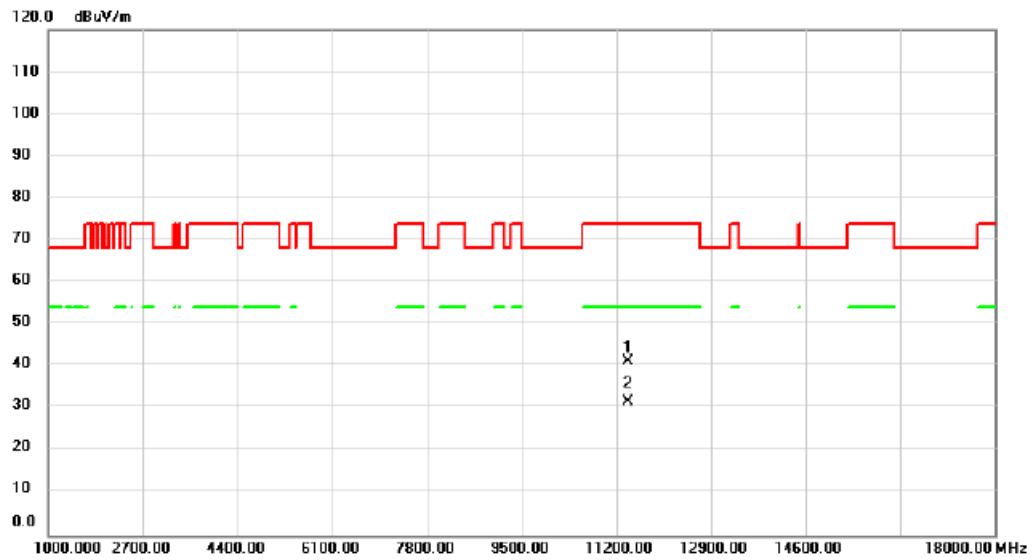


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11438.00	37.84	0.70	38.54	74.00	-35.46	peak		
2	*	11438.00	26.89	0.70	27.59	54.00	-26.41	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/10/24
Test Frequency	5710MHz	Polarization	Vertical

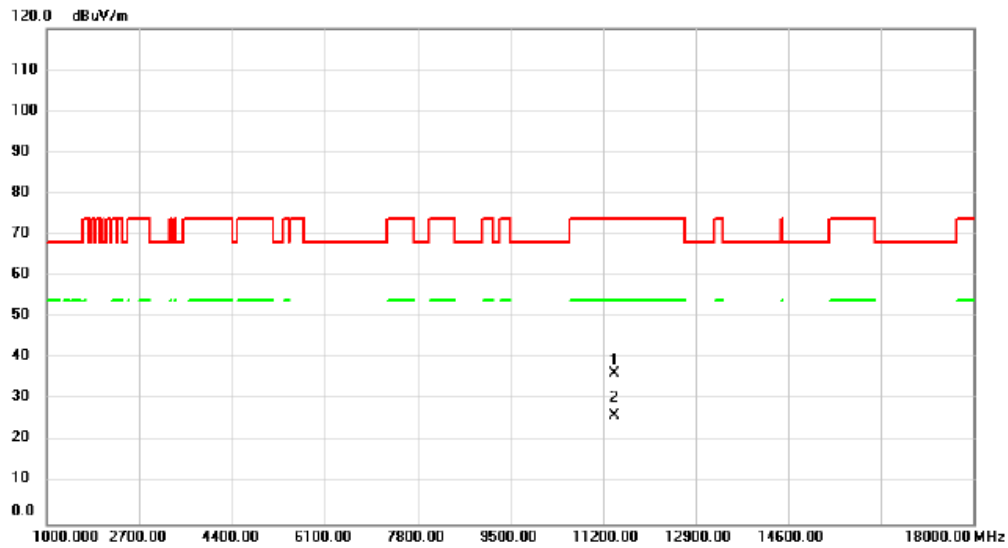


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11421.00	40.74	0.66	41.40	74.00	-32.60	peak		
2	*	11421.00	30.90	0.66	31.56	54.00	-22.44	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT40)	Test Date	2024/10/24
Test Frequency	5710MHz	Polarization	Horizontal

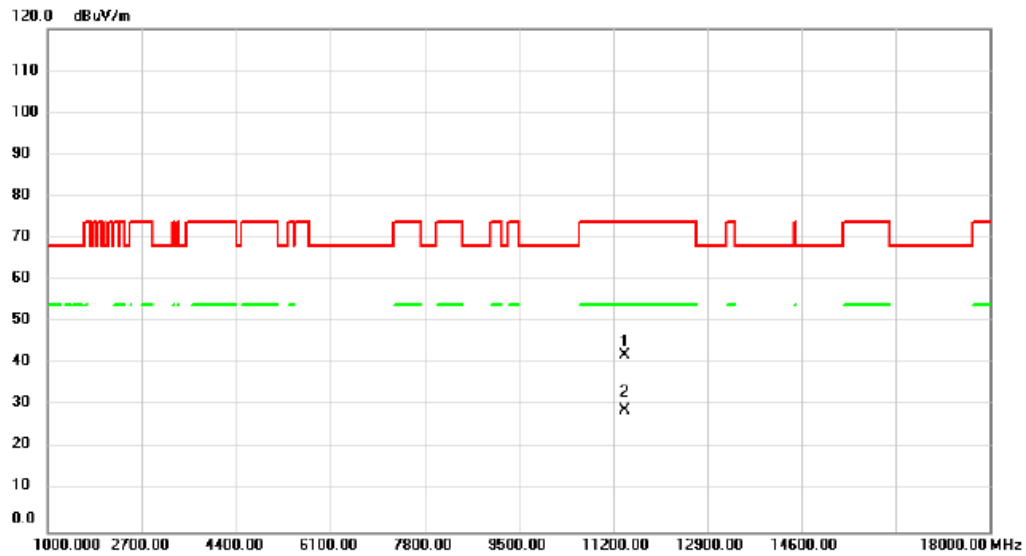


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11421.00	35.72	0.66	36.38	74.00	-37.62	peak		
2	*	11421.00	25.47	0.66	26.13	54.00	-27.87	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/10/24
Test Frequency	5690MHz	Polarization	Vertical

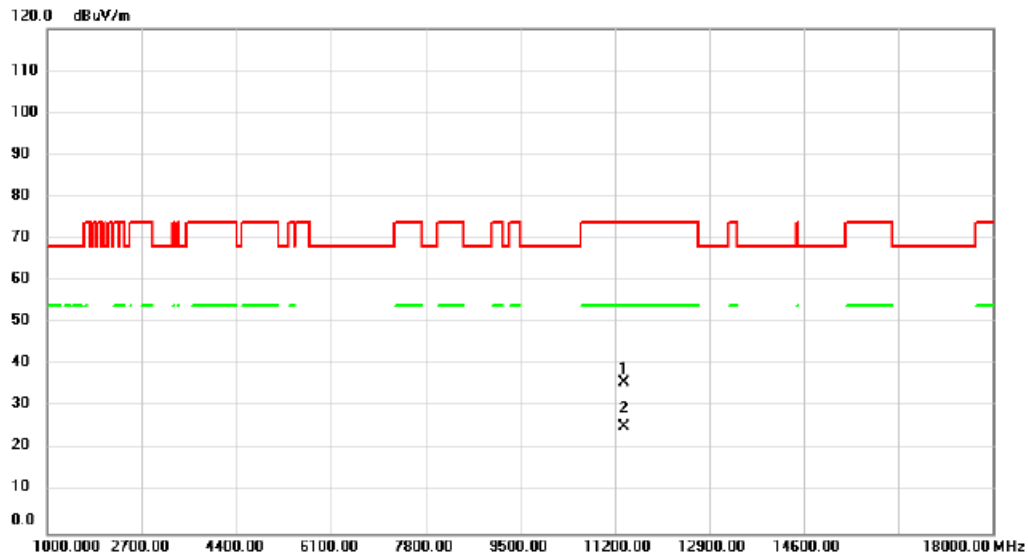


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11404.00	41.51	0.63	42.14	74.00	-31.86	peak		
2	*	11404.00	28.32	0.63	28.95	54.00	-25.05	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac(VHT80)	Test Date	2024/10/24
Test Frequency	5690MHz	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		11380.00	35.37	0.56	35.93	74.00	-38.07	peak		
2	*	11380.00	24.88	0.56	25.44	54.00	-28.56	AVG		

REMARKS:

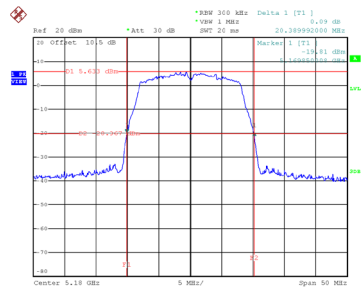
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

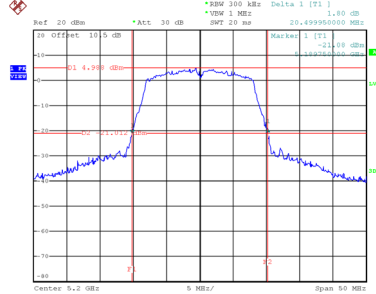
Test Mode	UNII-1_TX A Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	20.390	16.900
40	5200	20.500	16.900
48	5240	20.509	16.900

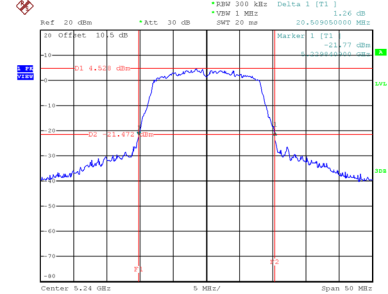
CH36



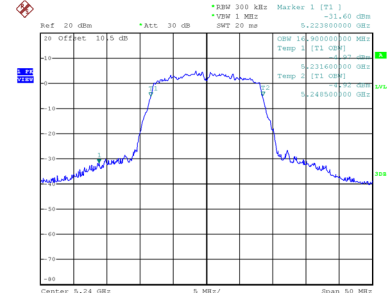
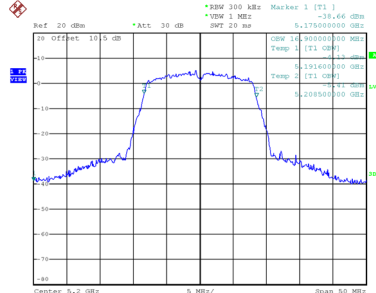
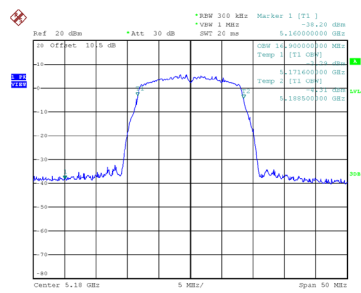
CH40
26 dB Bandwidth



CH48



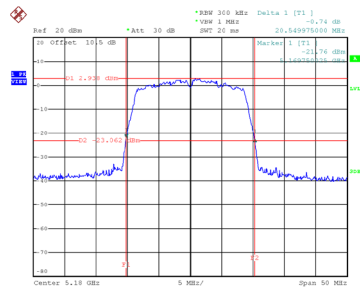
99 % Occupied Bandwidth



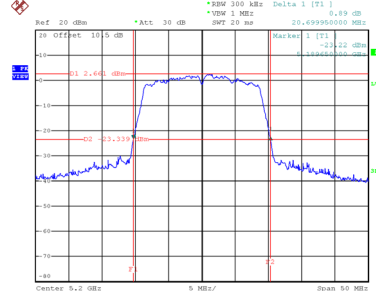
Test Mode	UNII-1_TX AC(VHT20) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	20.550	17.800
40	5200	20.700	17.900
48	5240	20.650	17.800

CH36

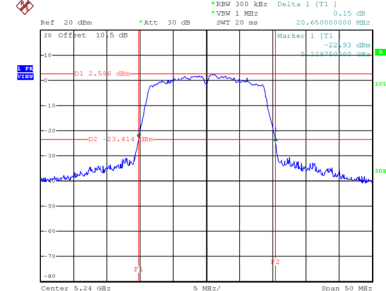


Date: 16.APR.2024 12:30:03

CH40
26 dB Bandwidth


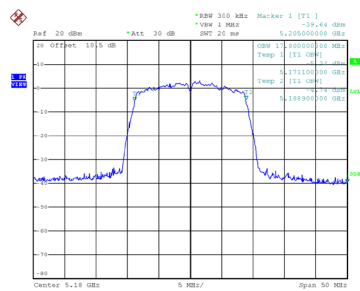
Date: 16.APR.2024 12:31:27

CH48

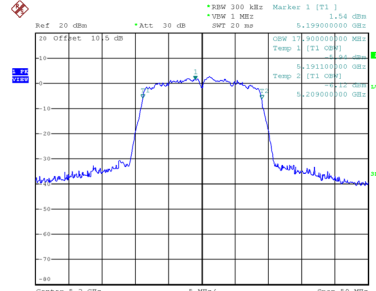


Date: 16.APR.2024 12:33:03

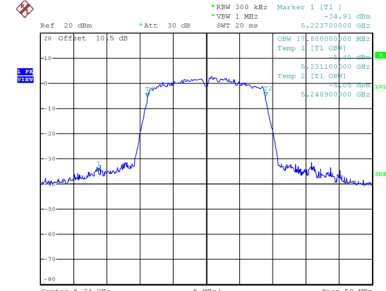
99 % Occupied Bandwidth



Date: 16.APR.2024 12:29:34



Date: 16.APR.2024 12:30:50

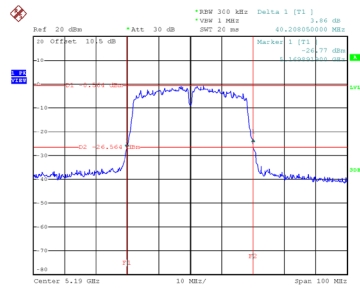


Date: 16.APR.2024 12:32:34

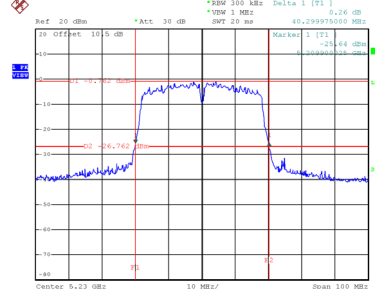
Test Mode	UNII-1_TX AC(VHT40) Mode
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
38	5190	40.208	36.400
46	5230	40.300	36.400

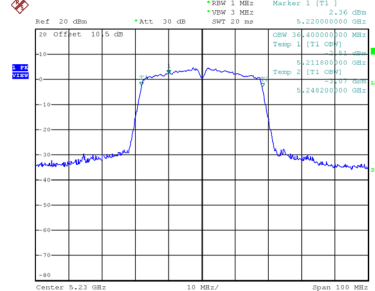
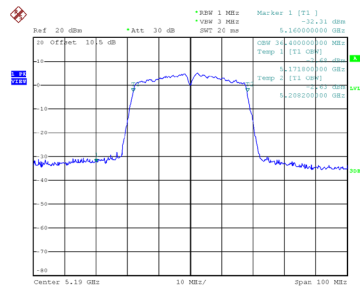
CH38



CH46
26 dB Bandwidth



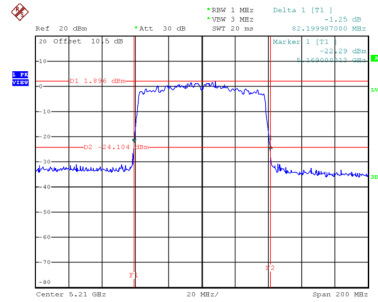
99 % Occupied Bandwidth



Test Mode	UNII-1_TX AC(VHT80) Mode
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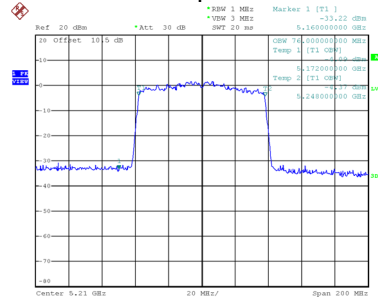
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
42	5210	82.200	76.000

CH42 26 dB Bandwidth



Date: 16.APR.2024 15:37:50

99 % Occupied Bandwidth

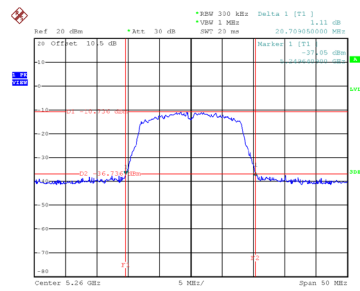


Date: 16.APR.2024 15:37:13

Test Mode	UNII-2A_TX A Mode
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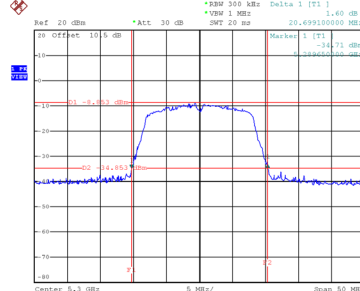
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	20.709	17.200
60	5300	20.699	17.100
64	5320	20.650	17.000

CH52



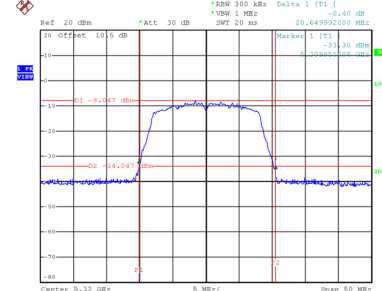
Date: 30.MAY.2024 22:05:27

CH60
26 dB Bandwidth



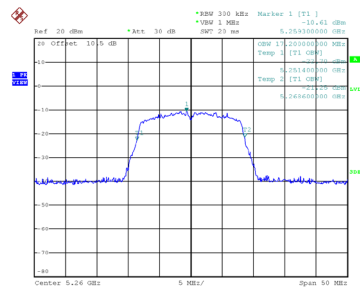
Date: 30.MAY.2024 22:07:07

CH64

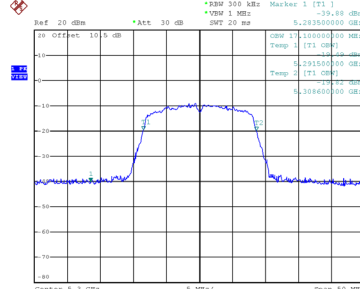


Date: 30.MAY.2024 22:08:45

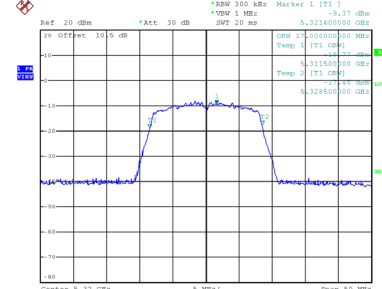
99 % Occupied Bandwidth



Date: 30.MAY.2024 22:04:45



Date: 30.MAY.2024 22:06:38

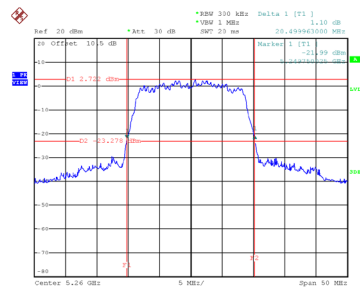


Date: 30.MAY.2024 22:08:16

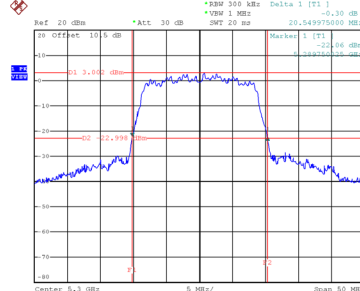
Test Mode UNII-2A_TX AC(VHT20) Mode

Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	20.500	17.600
60	5300	20.550	17.700
64	5320	20.500	17.600

CH52

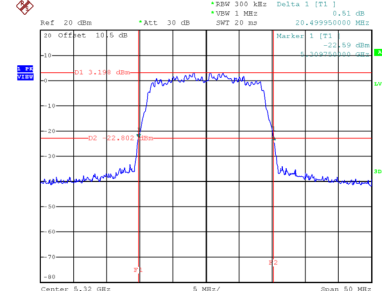


Date: 30.MAY.2024 22:14:08

CH60
26 dB Bandwidth


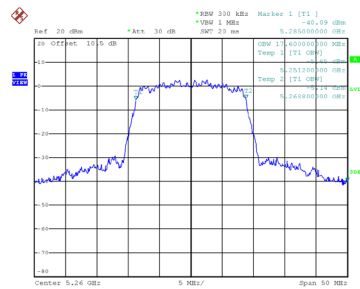
Date: 30.MAY.2024 22:23:35

CH64

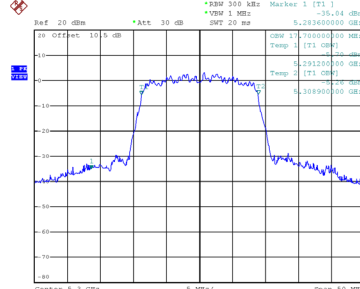


Date: 30.MAY.2024 22:24:56

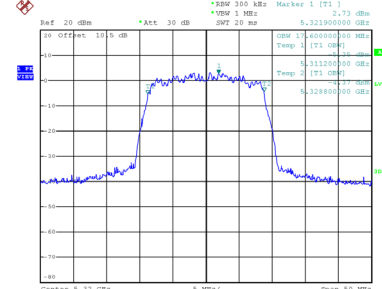
99 % Occupied Bandwidth



Date: 30.MAY.2024 22:13:38



Date: 30.MAY.2024 22:23:04

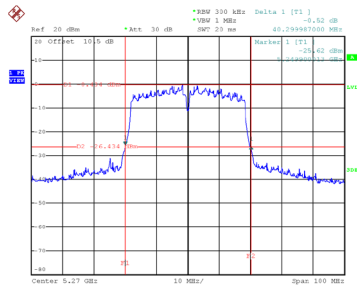


Date: 30.MAY.2024 22:24:26

Test Mode	UNII-2A_TX AC(VHT40) Mode
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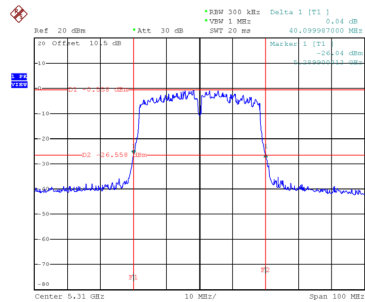
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
54	5270	40.300	37.000
62	5310	40.100	36.800

CH54



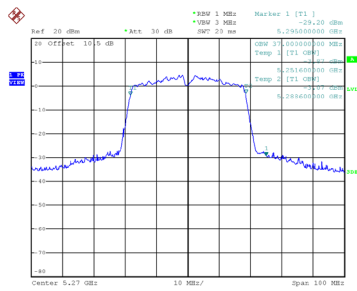
Date: 30.MAY.2024 22:39:34

CH62 26 dB Bandwidth

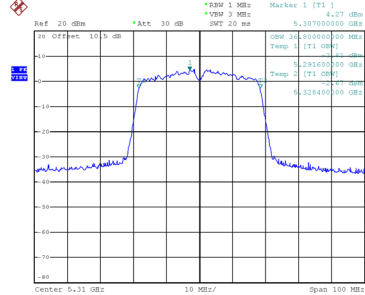


Date: 30.MAY.2024 22:41:10

99 % Occupied Bandwidth



Date: 30.MAY.2024 22:38:55

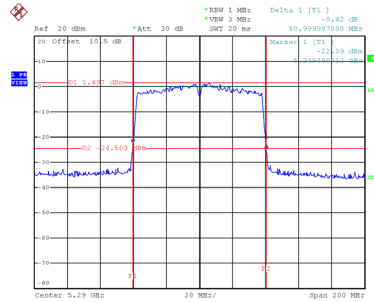


Date: 30.MAY.2024 22:40:29

Test Mode	UNII-2A_TX AC(VHT80) Mode
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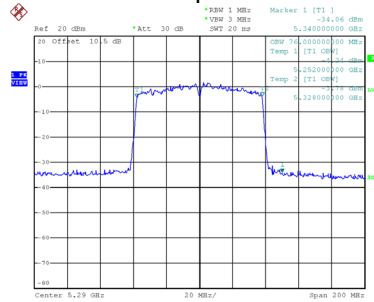
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
58	5290	81.000	76.000

CH58 26 dB Bandwidth



Date: 30.MAY.2024 22:59:58

99 % Occupied Bandwidth



Date: 30.MAY.2024 22:59:20