

FCC Radio Test Report

FCC ID: 2BCGWH500

Report No. : BTL-FCCP-2-2404G123
Equipment : Smart HomeBase
Model Name : Tapo H500
Brand Name : tp-link, tapo
Applicant : TP-LINK CORPORATION PTE. LTD.
Address : 7 Temasek Boulevard #29-03 Suntec Tower One, Singapore 038987

Radio Function : RLAN 5 GHz (U-NII 1, U-NII 2A, U-NII 2C, U-NII 3)

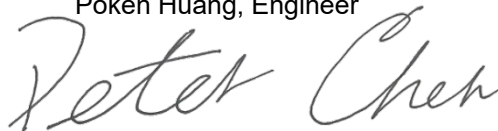
FCC Rule Part(s) : FCC CFR Title 47, Part 15, Subpart E (15.407)
Measurement Procedure(s) : ANSI C63.10-2013

Date of Receipt : 2024/5/31
Date of Test : 2024/6/4 ~ 2024/6/26
Issued Date : 2024/9/26

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

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Declaration

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

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

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

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2404G123	R00	Original Report.	2024/9/14	Invalid
BTL-FCCP-2-2404G123	R01	Revised report to address comments.	2024/9/26	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	-----
15.205 15.209 15.407(b)	Radiated Emissions	APPENDIX C APPENDIX D APPENDIX E	Pass	-----
15.407(a) 15.407(e)	Bandwidth	APPENDIX E	Pass	-----
15.407(a)	Output Power	APPENDIX F	Pass	-----
15.407(a)	Power Spectral Density	APPENDIX G	Pass	-----
15.203	Antenna Requirement	-----	Pass	NOTE (4)
15.407(c)	Automatically Discontinue Transmission	-----	Pass	NOTE (3)

NOTE:

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

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)

☒ CB21 ☒ C06

1.2 MEASUREMENT UNCERTAINTY

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

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

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
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

C. Conducted test:

Test Item	U,(dB)
Occupied Bandwidth	0.53
Output power	0.37
Power Spectral Density	0.66
Conducted Spurious emissions	0.53
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

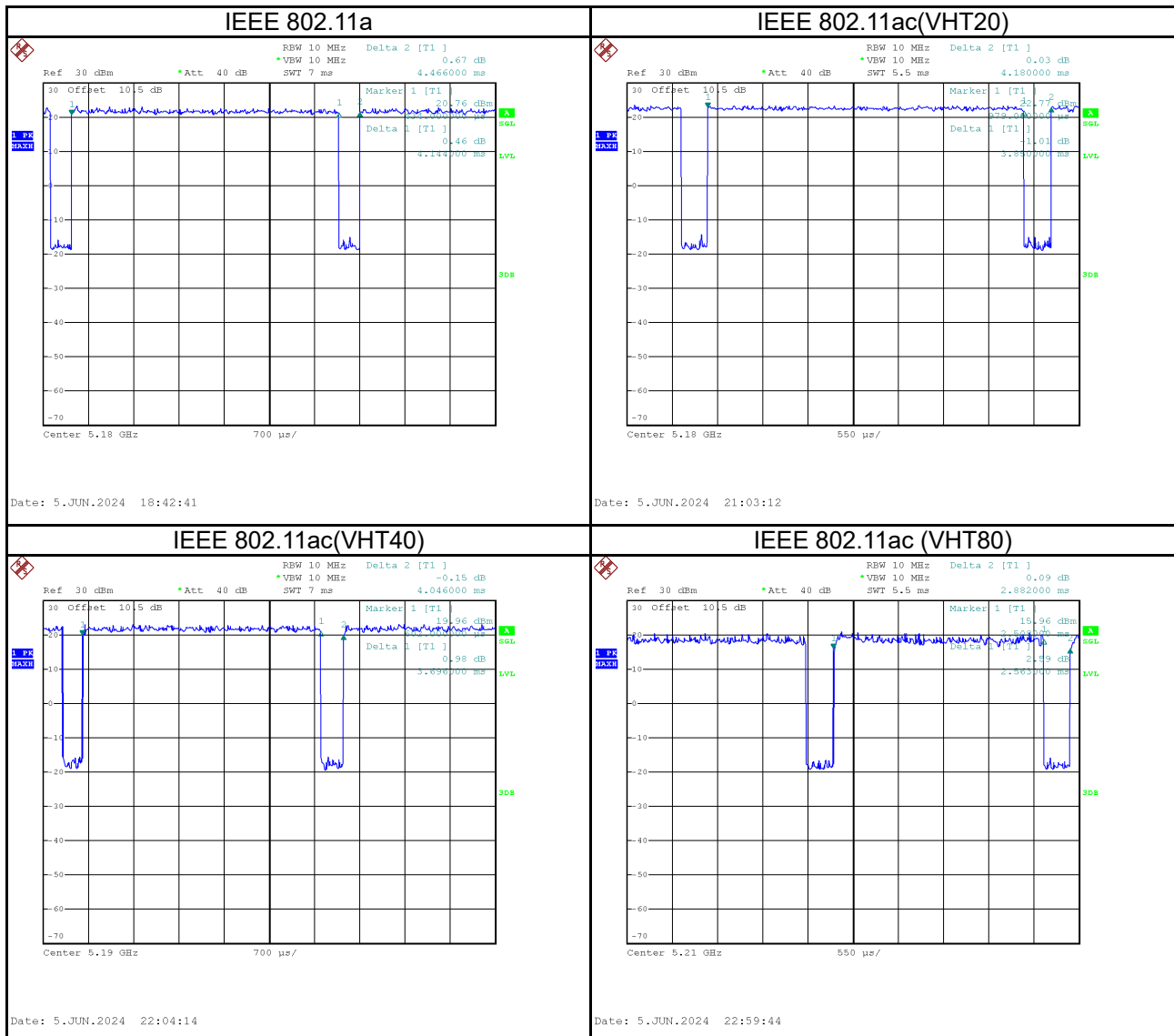
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25°C, 45%	AC 120V	Ken Lu
Radiated emissions below 1 GHz	25°C, 65%	AC 120V	Ken Lu
Radiated emissions above 1 GHz	25°C, 65%	AC 120V	Ken Lu
Bandwidth	24°C, 60%	AC 120V	Cheng Tsai
Output Power	24°C, 60%	AC 120V	Cheng Tsai
Power Spectral Density	24°C, 60%	AC 120V	Cheng Tsai

1.4 DUTY CYCLE

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

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

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11a	4.144	1	4.144	4.466	92.79%	0.32
IEEE 802.11ac (VHT20)	3.850	1	3.850	4.180	92.11%	0.36
IEEE 802.11ac (VHT40)	3.696	1	3.696	4.046	91.35%	0.39
IEEE 802.11ac (VHT80)	2.563	1	2.563	2.882	88.93%	0.51



2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Smart HomeBase
Brand Name	tp-link, tapo
Model Name	Tapo H500
Model Difference	N/A
Software Version	1.X
Hardware Version	1.0
Power Source	DC Voltage supplied from AC adapter. Model: T120200-2B4
Power Rating	I/P: 100-240V~ 50/60Hz 0.8A O/P: 12.0V  2.0A
Operation Bands	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 5250 MHz UNII-2A: 5250 MHz to 5320 MHz UNII-2C: 5500 MHz to 5700 MHz UNII-3: 5745 MHz to 5825 MHz
Modulation Technology	OFDM
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: up to 300Mbps 802.11ac: up to 866.7 Mbps
Output Power Max. UNII-1 Non Beamforming	IEEE 802.11ac(VHT40): 23.73 dBm (0.2360 W)
Maximum Output Power UNII-2A Non Beamforming	IEEE 802.11ac(VHT40): 23.71 dBm (0.2350 W)
Output Power Max. UNII-2C Non Beamforming	IEEE 802.11ac(VHT80): 23.97 dBm (0.2495 W)
Output Power Max. UNII-3 Non Beamforming	IEEE 802.11ac(VHT20): 23.94 dBm (0.2477 W)
Output Power Max. UNII-1 Beamforming	IEEE 802.11ac(VHT40): 23.09 dBm (0.2037 W)
Output Power Max. UNII-2A Beamforming	IEEE 802.11ac(VHT80): 23.10 dBm (0.2042 W)
Output Power Max. UNII-2C Beamforming	IEEE 802.11ac(VHT80): 23.47 dBm (0.2223 W)
Output Power Max. UNII-3 Beamforming	IEEE 802.11ac(VHT20): 23.31 dBm (0.2143 W)
Test Model	Tapo H500
Sample Status	Engineering Sample
EUT Modification(s)	N/A

NOTE:

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

(2) Channel List:

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 Name	P/N	Type	Connector	Gain (dBi)
1	TP-LINK CORPORATION PTE. LTD.	3101506738	Dipole	N/A	3.00
2	TP-LINK CORPORATION PTE. LTD.	3101506739	Dipole	N/A	3.00

Note:

- This EUT supports CDD, and all antennas have the same gain, Directional gain = $G_{ANT} + \text{Array Gain}$. For power measurements, Array Gain=3.00dB ($N_{ANT} \leq 4$), so the Directional gain=3.00. For power spectral density measurements, $N_{ANT}=2$, $N_{SS} = 1$. So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 3.00 + 10\log(2/1)\text{dBi} = 6.01$. Then, the UNII-1 power spectral density limit is $17 - (6.01 - 6) = 16.99$. the UNII-2A, UNII-2C power spectral density limit is $11 - (6.01 - 6) = 10.99$, the UNII-3 power spectral density limit is $30 - (6.01 - 6) = 29.99$.
- Beamforming Gain: 3.00dB, so the Directional gain=3.00+3.00=6.00dB.
- 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) Operating Mode and Antenna Configuration

For Non Beamforming:

TX Mode \ Operating Mode	2TX
IEEE 802.11a	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)

For Beamforming:

TX Mode \ Operating Mode	2TX
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/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11ac (VHT80)	122	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_ IEEE 802.11a	36/48, 52/64	Bandedge
	TX Mode_ IEEE 802.11ac (VHT20)	100/140, 149/165	
	TX Mode_ IEEE 802.11ac (VHT40)	38/46, 54/62 102/134, 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42, 58 106, 122, 155	
	TX Mode_ IEEE 802.11a	36/40/48 52/60/64 100/116/140 149/157/165	Harmonic
	TX Mode_ IEEE 802.11ac (VHT20)	36/40/48 52/60/64 100/116/140/144 149/157/165	
	TX Mode_ IEEE 802.11ac (VHT40)	38/46, 54/62 102/110/134/142 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42, 58 106/122/138, 155	
Bandwidth	TX Mode_ IEEE 802.11a	36/40/48 52/60/64 100/116/140 149/157/165	-
	TX Mode_ IEEE 802.11ac (VHT20)	36/40/48 52/60/64 100/116/140 149/157/165	
	TX Mode_ IEEE 802.11ac (VHT40)	38/46, 54/62 102/110/134 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42, 58 106/122/138, 155	
Power Spectral Density & Output Power	TX Mode_ IEEE 802.11a	36/40/48 52/60/64 100/116/140 149/157/165	-
	TX Mode_ IEEE 802.11ac (VHT20)	36/40/48 52/60/64 100/116/140/144 149/157/165	
	TX Mode_ IEEE 802.11ac (VHT40)	38/46, 54/62 102/110/134/142 151/159	
	TX Mode_ IEEE 802.11ac (VHT80)	42, 58 106/122/138, 155	

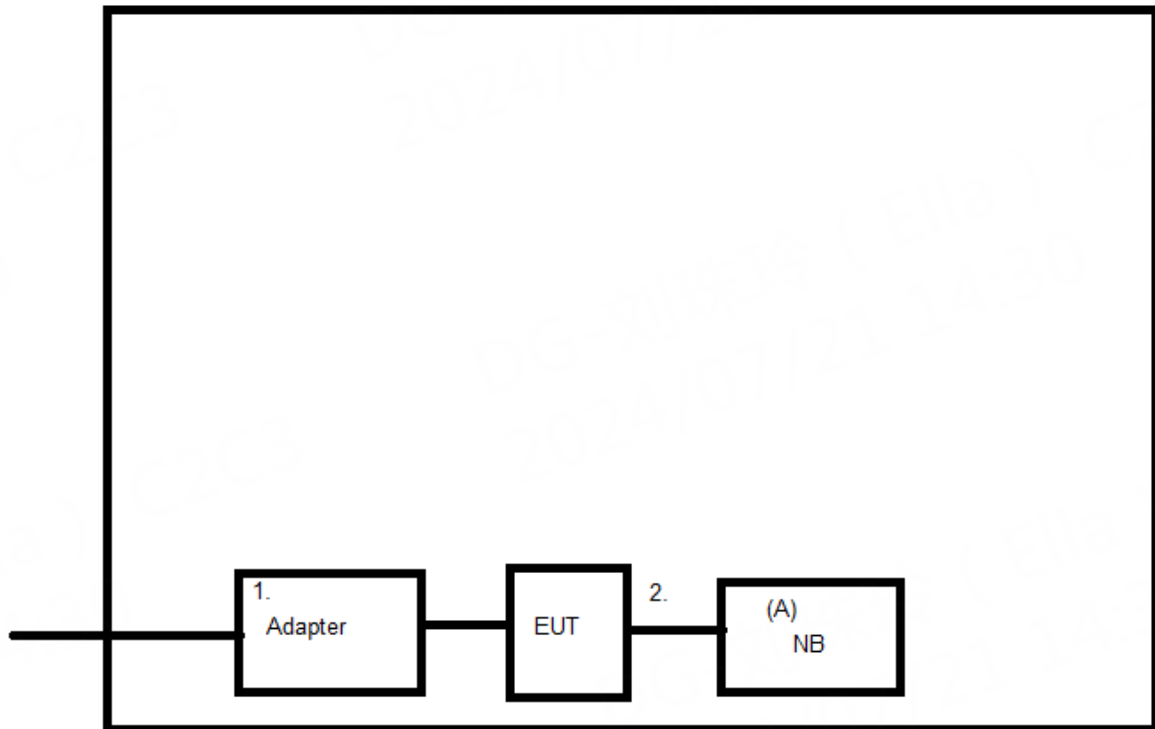
NOTE:

- (1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) For radiated emission Harmonic 18-40GHz test, only tested the worst case and recorded.
- (4) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (5) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power 802.11n HT20 and HT40 setting for are the same or lower than 802.11ac VHT20 and HT40.
- (6) For radiated emission above 18GHz test, only tested and recorded the worst case.
- (7) For radiated emission below 1 GHz test, the TX IEEE 802.11ac (VHT80) Mode Channel 122 is found to be the worst case and recorded.
- (8) The measurements for Output Power are tested, the Non Beamforming and Beamforming are recorded in the report. The worst case is Non Beamforming and only the worst case is documented for other test items.

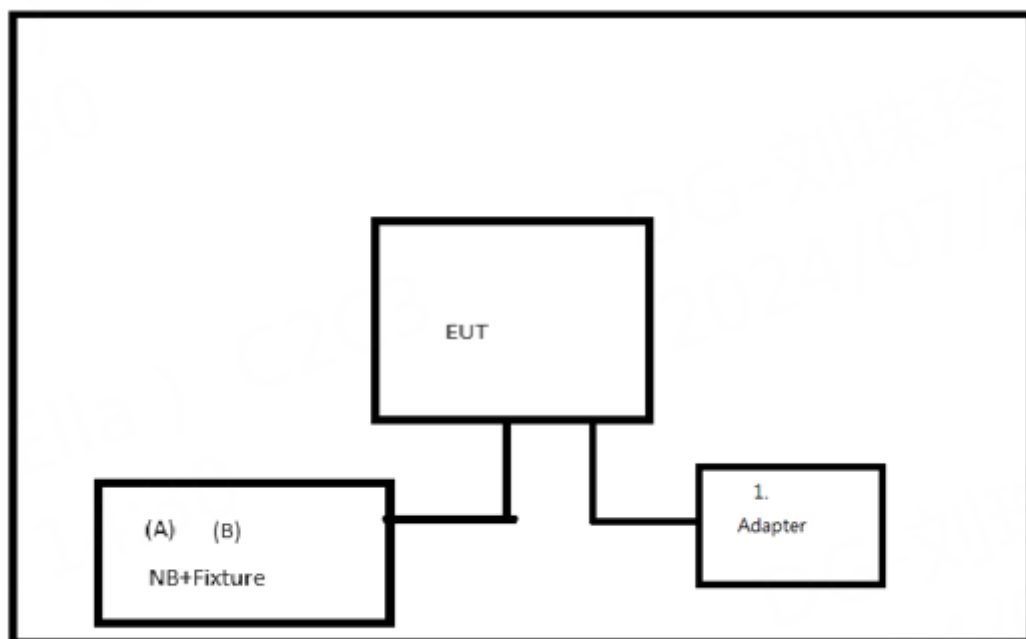
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

AC power line conducted emissions

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

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	DC cable	N	N	1m	Supplied by test requester.
2	RJ45 cable	Y	N	1m	Furnished by test lab.

Radiated Emissions

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	Fixture	N/A	N/A	N/A	Furnished by test lab.
B	Notebook	Lenovo	ThinkBook 14 G4 IAP	MP28KHAH	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	DC cable	N	N	1m	Supplied by test requester.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

NOTE:

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

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

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

The following table is the setting of the receiver.

Receiver Parameter	Setting
Attenuation	10 dB
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 KHz

3.2 TEST PROCEDURE

- a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
 All other support equipment were powered from an additional LISN(s).
 The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
- b. Interconnecting cables that hang closer than 40 cm to the ground plane shall be folded back and forth in the center forming a bundle to keep the cable above 40 cm.
- c. Excess I/O cables that are not connected to a peripheral shall be bundled in the center.
 The end of the cable will be terminated, using the correct terminating impedance.
 The overall length shall not exceed 1 m.
- d. The LISN is spaced at least 80 cm from the nearest part of the EUT chassis.
- e. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

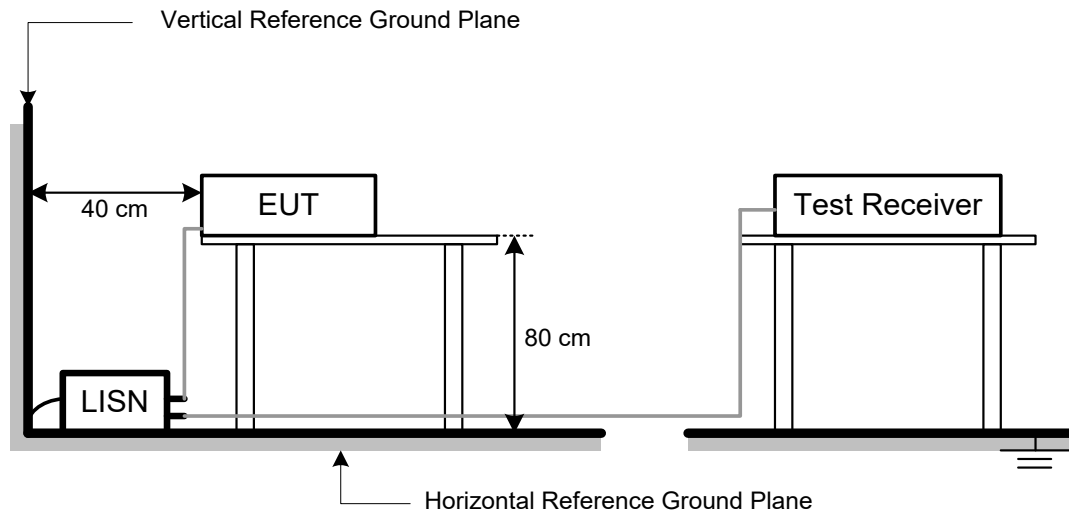
NOTE:

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

In case the emission fall within the restricted band specified on 15.205, then the 15.209 limit in the table below has to be followed.

LIMITS OF RADIATED EMISSIONS MEASUREMENT (9 kHz to 1000 MHz)

Frequency (MHz)	Field Strength (microvolts/meter)	Measurement Distance (meters)
0.009~0.490	2400/F(KHz)	300
0.490~1.705	24000/F(KHz)	30
1.705~30.0	30	30
30~88	100	3
88~216	150	3
216~960	200	3
960~1000	500	3

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

NOTE:

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

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

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

- (3) The test result calculated as following:

Measurement Value = Reading Level + Correct Factor

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

Margin Level = Measurement Value - Limit Value

Calculation example:

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

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

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

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

4.2 TEST PROCEDURE

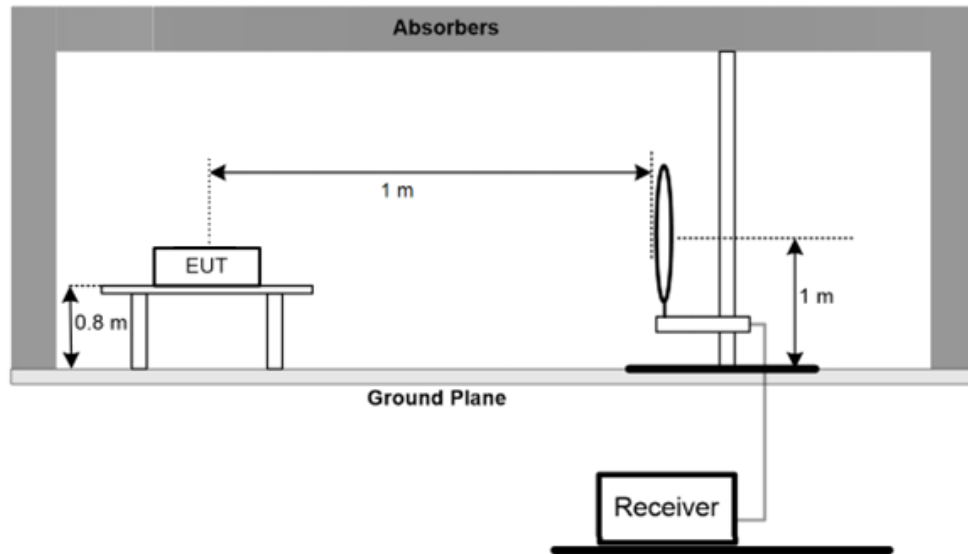
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 1.5 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(above 1GHz)
- The height of the equipment or of the substitution antenna shall be 0.8 m or 1.5 m, the height of the test antenna shall vary between 1 m to 4 m. Both horizontal and vertical polarizations of the antenna are set to make the measurement.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1GHz)
- All readings are Peak Mode value unless otherwise stated AVG in column of Note. If the Peak Mode Measured value compliance with the Peak Limits and lower than AVG Limits, the EUT shall be deemed to meet both Peak & AVG Limits and then only Peak Mode was measured, but AVG Mode didn't perform. (above 1GHz)
- For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

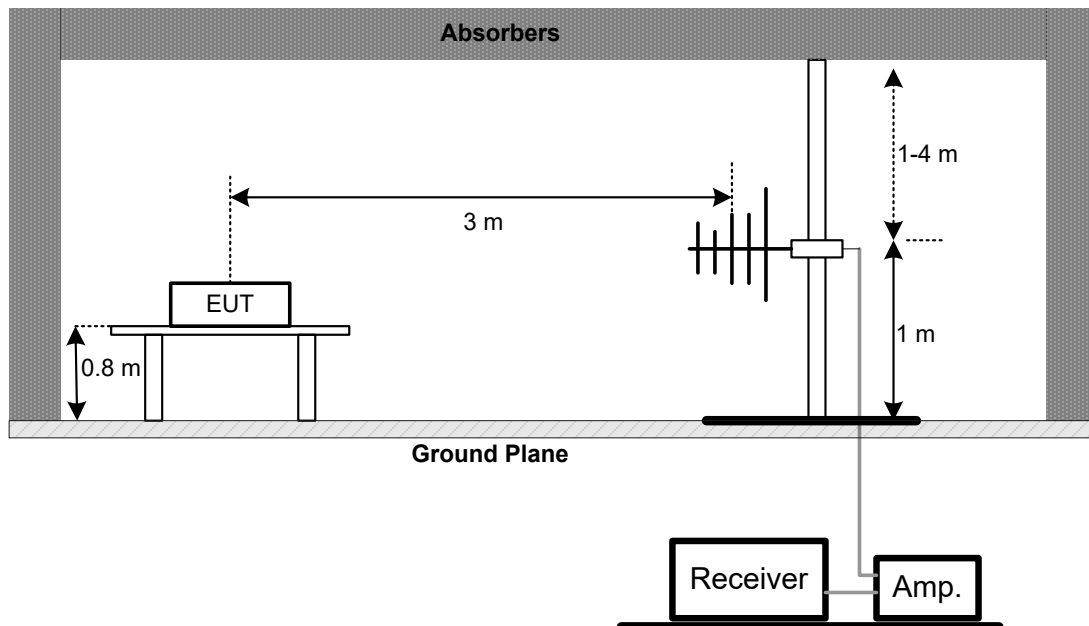
No deviation.

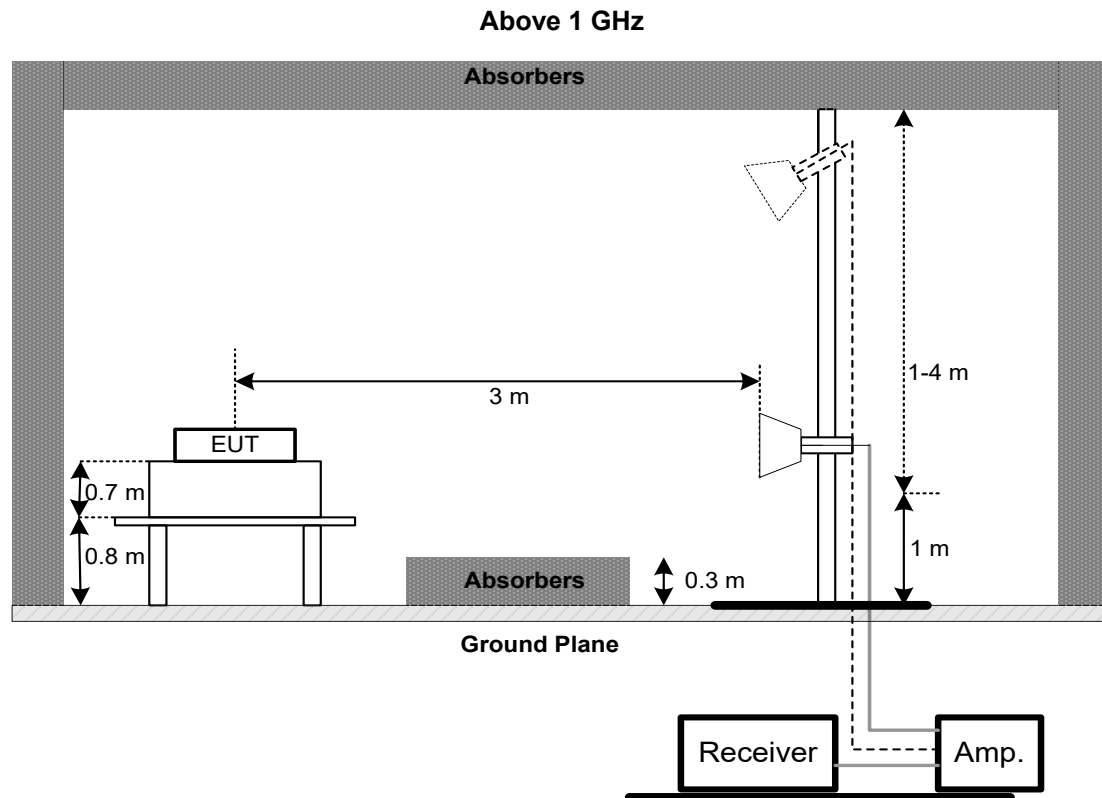
4.4 TEST SETUP

9 kHz to 30 MHz



30 MHz to 1 GHz





4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

Section	Test Item	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	5150-5250
		5250-5350
		5470-5725
	Minimum 500 kHz 6 dB Bandwidth	5725-5850

5.2 TEST PROCEDURE

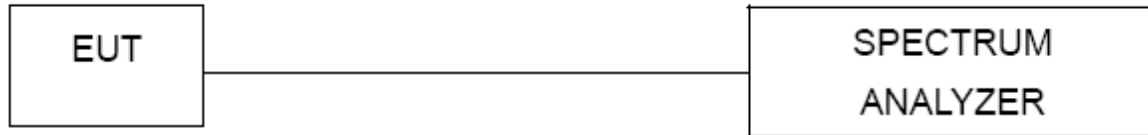
- The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
- Spectrum Setting:

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

5.3 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP



5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

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
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		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).

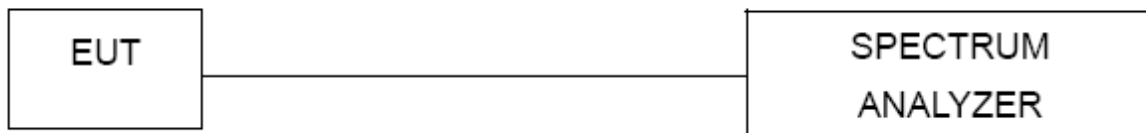
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	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).

7.2 TEST PROCEDURE

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

Spectrum Parameter	Setting
Attenuation	Auto
Span Frequency	Encompass the entire emissions bandwidth (EBW) of the signal
RBW	= 1 MHz
VBW	≥ 3 MHz
Detector	RMS
Trace	Max Hold
Sweep Time	Auto

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX G.

8 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Two-Line V-Network	R&S	ENV216	101051	2023/7/21	2024/7/20
2	Test Cable	EMCI	EMCRG58-BM-B M-9000	210501	2023/12/11	2024/12/10
3	EXA Spectrum Analyzer	keysight	N9038A	MY54130009	2023/6/26	2024/6/25
4	Measurement Software	Farad	EZ EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2023/9/6	2024/9/5
2	Preamplifier	EMCI	EMC118A45SE	980819	2024/3/6	2025/3/5
3	Pre-Amplifier	EMCI	EMC184045SE	980907	2023/9/21	2024/9/20
4	Preamplifier	EMCI	EMC001340	980579	2023/9/6	2024/9/5
5	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/7
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/7
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/7
8	EXA Signal Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
9	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2023/9/12	2024/9/11
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
11	Horn Ant	Schwarzbeck	BBHA 9170	1136	2023/6/28	2024/6/27
12	TRILOG Broadband Antenna	Schwarzbeck	VULB9168	1371	2023/8/8	2024/8/7
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-N0625	2023/8/8	2024/8/7
14	Test Cable	EMCI	EMC101G-KM-K M-3000	220329	2024/3/13	2025/3/12
15	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2024/3/13	2025/3/12
16	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
17	Measurement Software	EZ	EZ EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	BTL-Conducted Test	N/A	1247788684	N/A	N/A	N/A

Output Power						
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
2	BTL-Conducted Test	N/A	1247788684	N/A	N/A	N/A

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25
2	BTL-Conducted Test	N/A	1247788684	N/A	N/A	N/A

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

9 EUT TEST PHOTO

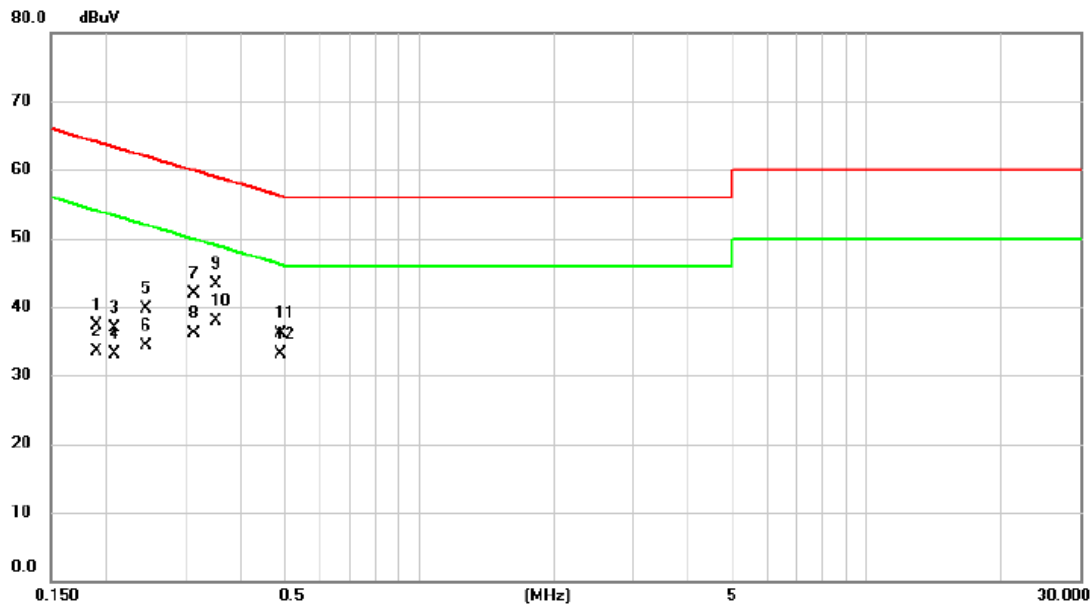
Please refer to document Appendix No.: TP-2404G123-1 (APPENDIX-TEST PHOTOS).

10 EUT PHOTOS

Please refer to document Appendix No.: EP-2404G123-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	Normal	Tested Date	2024/6/3
Test Frequency	-	Phase	Line

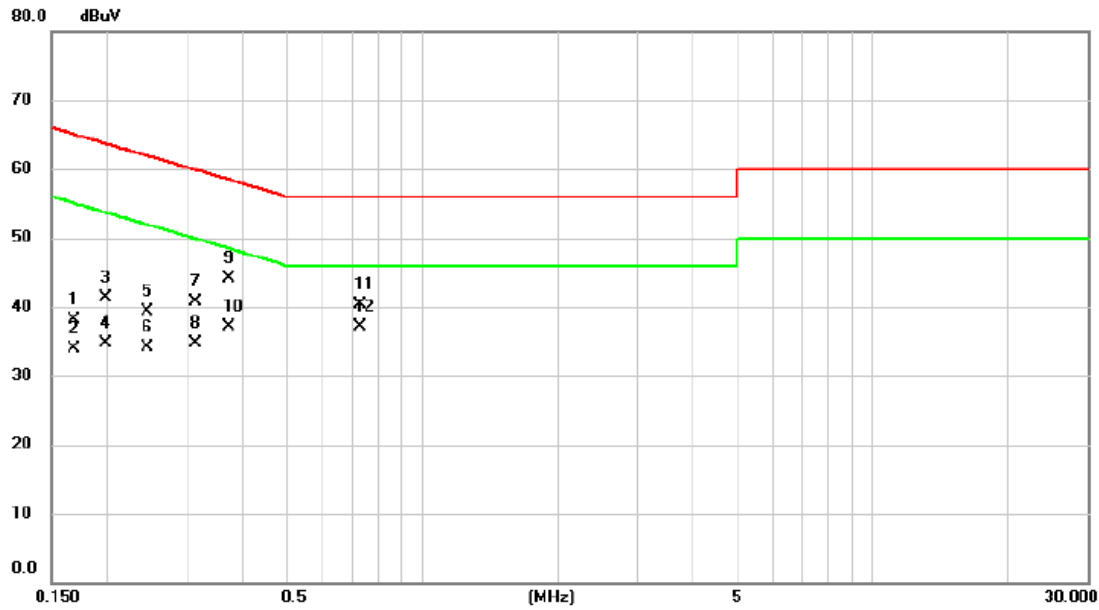


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1900	27.76	9.64	37.40	64.04	-26.64	QP	
2		0.1900	23.77	9.64	33.41	54.04	-20.63	AVG	
3		0.2081	27.22	9.64	36.86	63.28	-26.42	QP	
4		0.2081	23.56	9.64	33.20	53.28	-20.08	AVG	
5		0.2452	30.00	9.64	39.64	61.92	-22.28	QP	
6		0.2452	24.63	9.64	34.27	51.92	-17.65	AVG	
7		0.3138	32.32	9.65	41.97	59.87	-17.90	QP	
8		0.3138	26.40	9.65	36.05	49.87	-13.82	AVG	
9		0.3513	33.66	9.65	43.31	58.93	-15.62	QP	
10	*	0.3513	28.21	9.65	37.86	48.93	-11.07	AVG	
11		0.4888	26.46	9.66	36.12	56.19	-20.07	QP	
12		0.4888	23.41	9.66	33.07	46.19	-13.12	AVG	

REMARKS:

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

Test Mode	Normal	Tested Date	2024/6/3
Test Frequency	-	Phase	Neutral

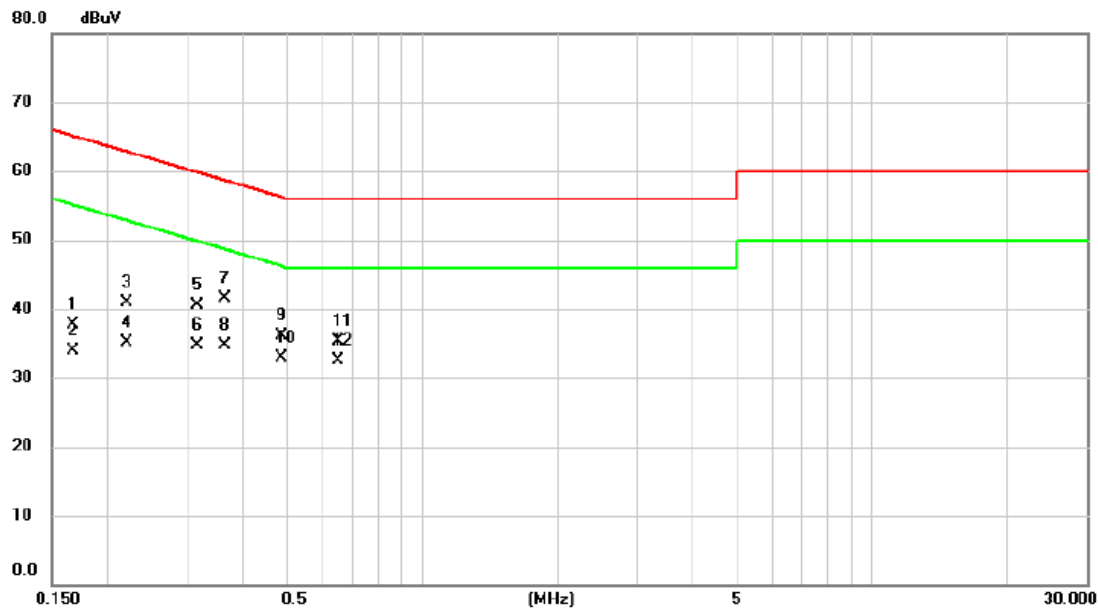


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1685	28.51	9.63	38.14	65.03	-26.89	QP	
2		0.1685	24.31	9.63	33.94	55.03	-21.09	AVG	
3		0.1980	31.77	9.63	41.40	63.69	-22.29	QP	
4		0.1980	25.04	9.63	34.67	53.69	-19.02	AVG	
5		0.2452	29.66	9.63	39.29	61.92	-22.63	QP	
6		0.2452	24.53	9.63	34.16	51.92	-17.76	AVG	
7		0.3141	31.17	9.63	40.80	59.86	-19.06	QP	
8		0.3141	25.16	9.63	34.79	49.86	-15.07	AVG	
9		0.3710	34.50	9.63	44.13	58.48	-14.35	QP	
10		0.3710	27.41	9.63	37.04	48.48	-11.44	AVG	
11		0.7295	30.57	9.67	40.24	56.00	-15.76	QP	
12	*	0.7295	27.51	9.67	37.18	46.00	-8.82	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2024/6/3
Test Frequency	-	Phase	Line

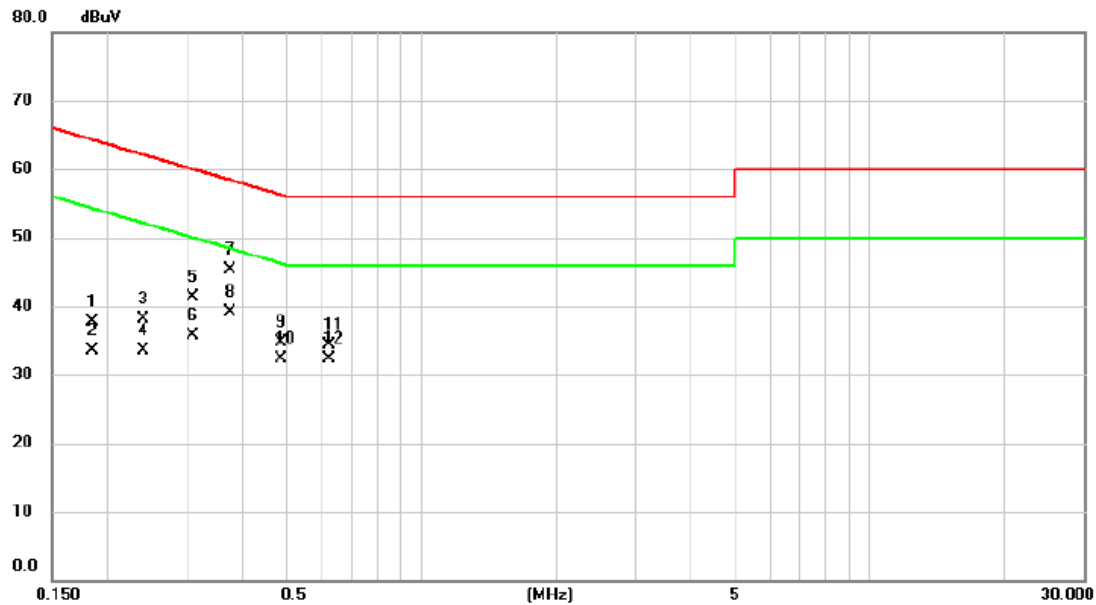


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1671	28.10	9.65	37.75	65.10	-27.35	QP	
2		0.1671	24.18	9.65	33.83	55.10	-21.27	AVG	
3		0.2200	31.18	9.64	40.82	62.82	-22.00	QP	
4		0.2200	25.41	9.64	35.05	52.82	-17.77	AVG	
5		0.3160	30.81	9.65	40.46	59.81	-19.35	QP	
6		0.3160	25.01	9.65	34.66	49.81	-15.15	AVG	
7		0.3635	31.77	9.65	41.42	58.65	-17.23	QP	
8		0.3635	25.02	9.65	34.67	48.65	-13.98	AVG	
9		0.4860	26.48	9.66	36.14	56.24	-20.10	QP	
10	*	0.4860	23.15	9.66	32.81	46.24	-13.43	AVG	
11		0.6485	25.54	9.67	35.21	56.00	-20.79	QP	
12		0.6485	22.87	9.67	32.54	46.00	-13.46	AVG	

REMARKS:

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

Test Mode	Idle	Tested Date	2024/6/3
Test Frequency	-	Phase	Neutral



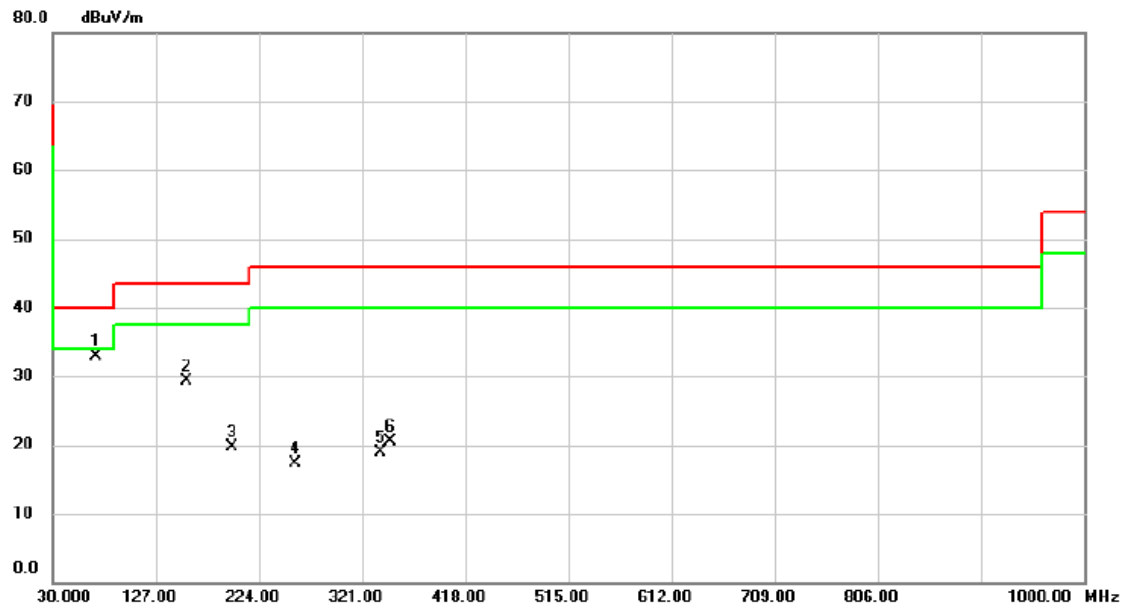
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1853	28.08	9.63	37.71	64.24	-26.53	QP	
2		0.1853	23.93	9.63	33.56	54.24	-20.68	AVG	
3		0.2396	28.49	9.63	38.12	62.11	-23.99	QP	
4		0.2396	23.88	9.63	33.51	52.11	-18.60	AVG	
5		0.3103	31.73	9.63	41.36	59.96	-18.60	QP	
6		0.3103	25.98	9.63	35.61	49.96	-14.35	AVG	
7		0.3737	35.77	9.63	45.40	58.42	-13.02	QP	
8	*	0.3737	29.54	9.63	39.17	48.42	-9.25	AVG	
9		0.4857	24.98	9.64	34.62	56.24	-21.62	QP	
10		0.4857	22.75	9.64	32.39	46.24	-13.85	AVG	
11		0.6215	24.56	9.65	34.21	56.00	-21.79	QP	
12		0.6215	22.70	9.65	32.35	46.00	-13.65	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 (VHT80)	Test Date	2024/6/20
Test Frequency	5610MHz	Polarization	Vertical

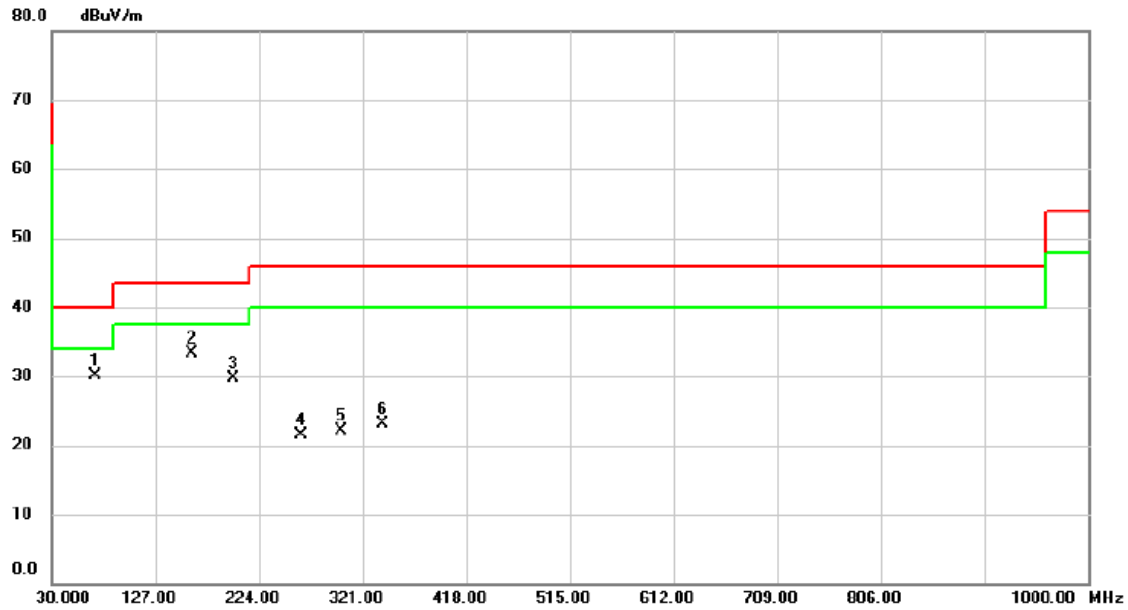


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	70.7400	46.68	-13.83	32.85	40.00	-7.15	peak	100	286
2		156.1000	40.37	-11.08	29.29	43.50	-14.21	peak	100	326
3		198.7800	33.81	-14.17	19.64	43.50	-23.86	peak	100	330
4		257.9500	29.14	-11.76	17.38	46.00	-28.62	peak	200	360
5		338.4600	28.07	-9.23	18.84	46.00	-27.16	peak	100	242
6		347.1900	29.52	-9.00	20.52	46.00	-25.48	peak	100	224

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/20
Test Frequency	5610MHz	Polarization	Horizontal



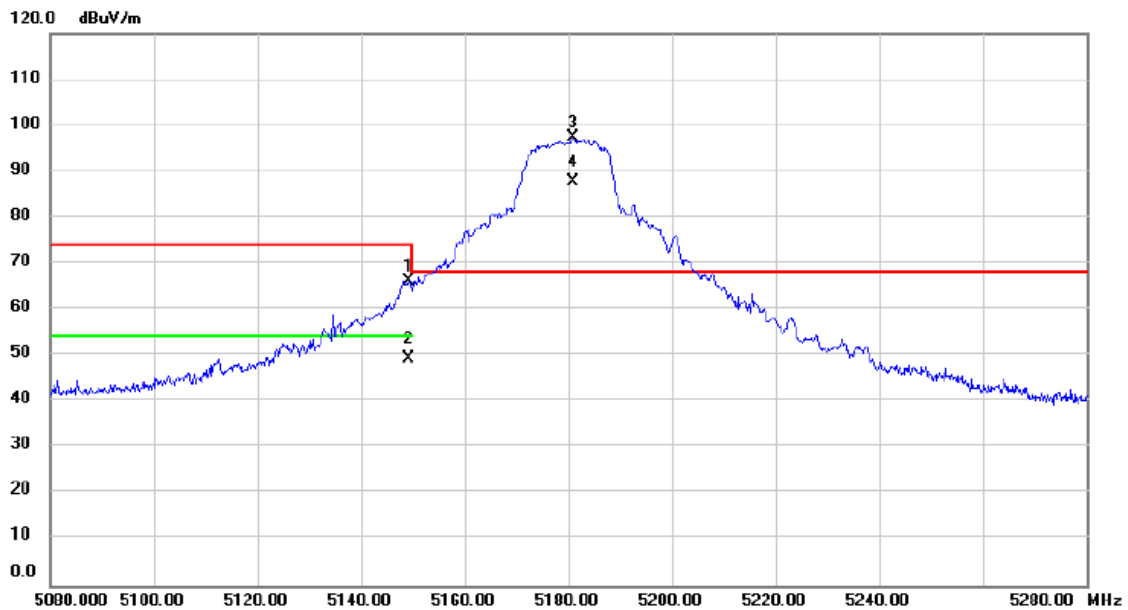
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	70.7400	43.88	-13.83	30.05	40.00	-9.95	peak	200	179
2		160.9500	44.40	-11.12	33.28	43.50	-10.22	peak	200	212
3		199.7500	43.95	-14.22	29.73	43.50	-13.77	peak	100	305
4		263.7700	32.96	-11.54	21.42	46.00	-24.58	peak	100	334
5		300.6300	32.37	-10.24	22.13	46.00	-23.87	peak	100	360
6		339.4300	32.39	-9.20	23.19	46.00	-22.81	peak	100	126

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	2024/6/21
Test Frequency	5180MHz	Polarization	Horizontal

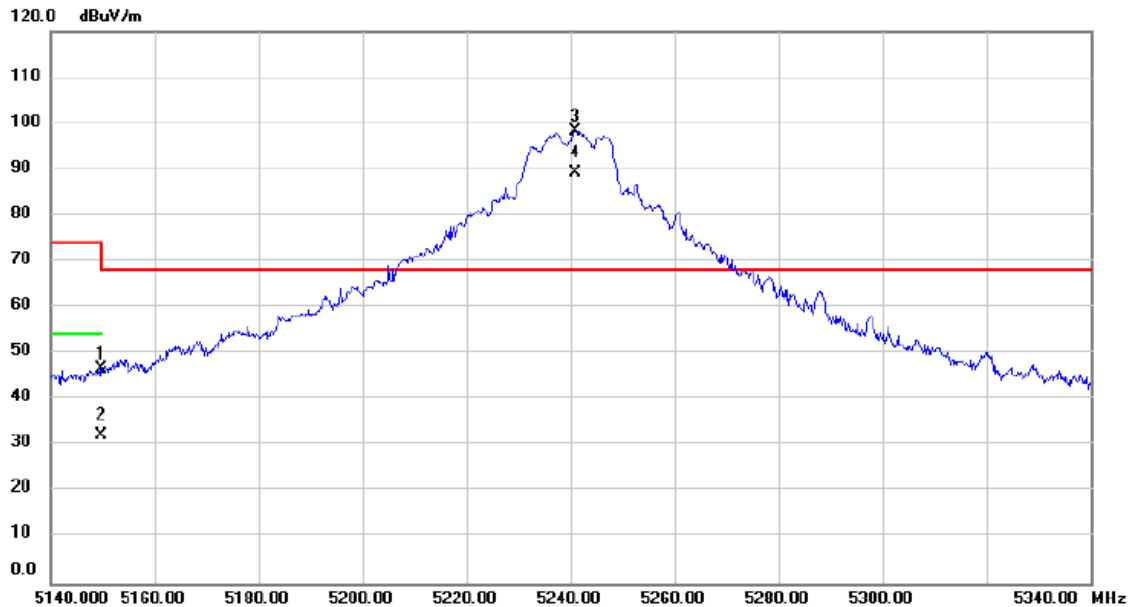


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5149.200	64.26	1.93	66.19	74.00	-7.81	peak		
2		5149.200	47.41	1.93	49.34	54.00	-4.66	AVG		
3	*	5181.000	95.38	1.94	97.32	68.20	29.12	peak		No Limit
4	X	5181.000	85.70	1.94	87.64	68.20	19.44	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	2024/6/21
Test Frequency	5240MHz	Polarization	Vertical

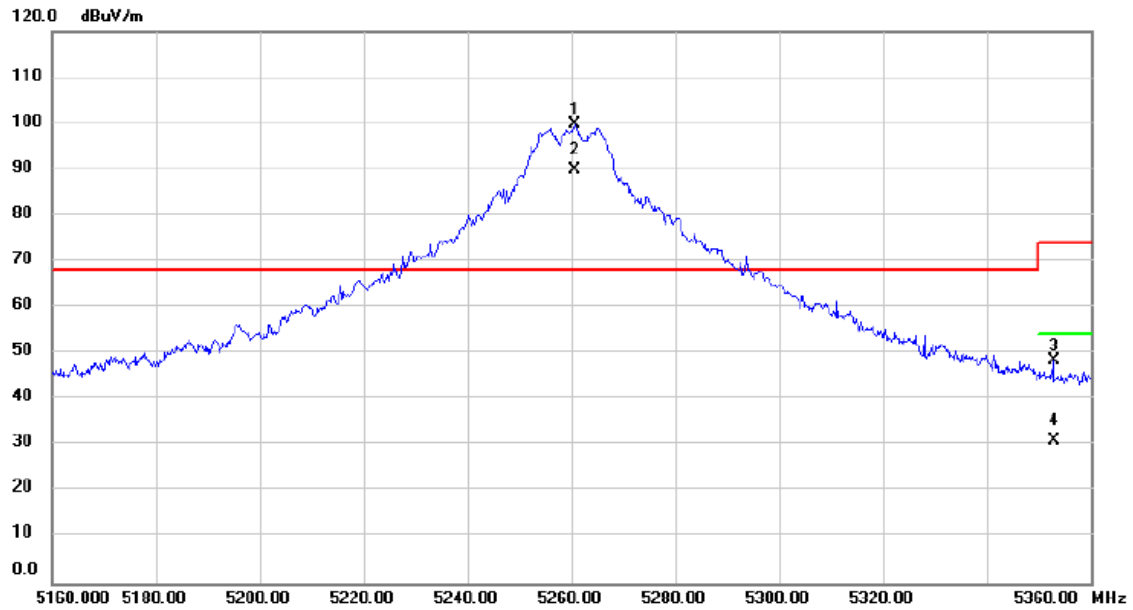


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5149.600	44.70	1.93	46.63	74.00	-27.37	peak		
2		5149.600	30.45	1.93	32.38	54.00	-21.62	AVG		
3	*	5241.000	96.41	1.97	98.38	68.20	30.18	peak		No Limit
4	X	5241.000	87.21	1.97	89.18	68.20	20.98	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	2024/6/21
Test Frequency	5260MHz	Polarization	Vertical

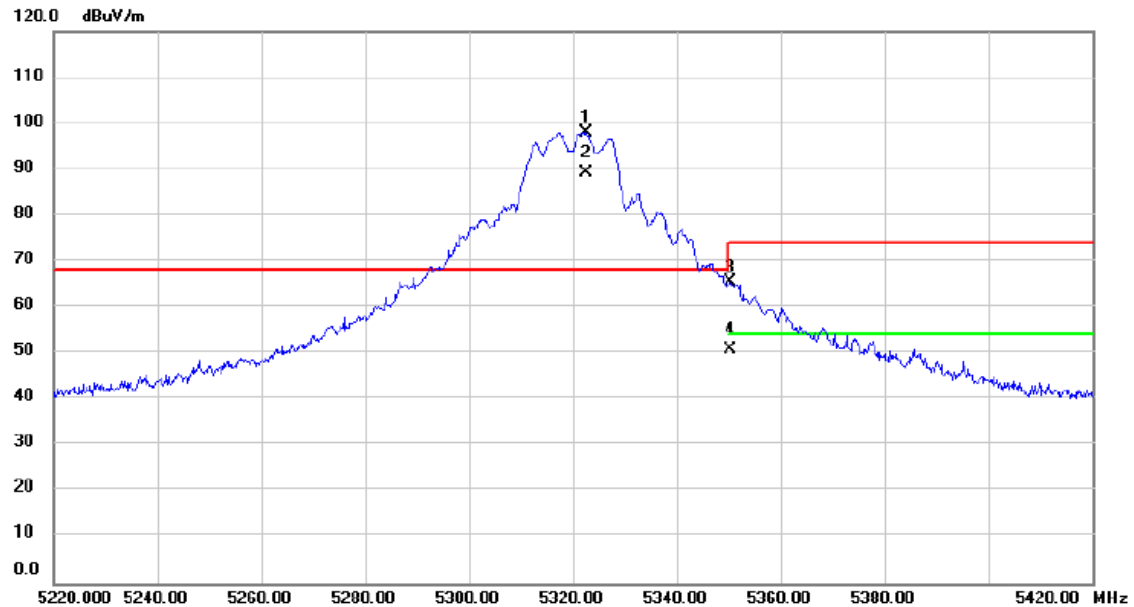


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5260.600	97.68	1.98	99.66	68.20	31.46	peak		No Limit
2	X	5260.600	87.83	1.98	89.81	68.20	21.61	AVG		No Limit
3		5352.800	46.42	2.01	48.43	74.00	-25.57	peak		
4		5352.800	28.95	2.01	30.96	54.00	-23.04	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/21
Test Frequency	5320MHz	Polarization	Vertical

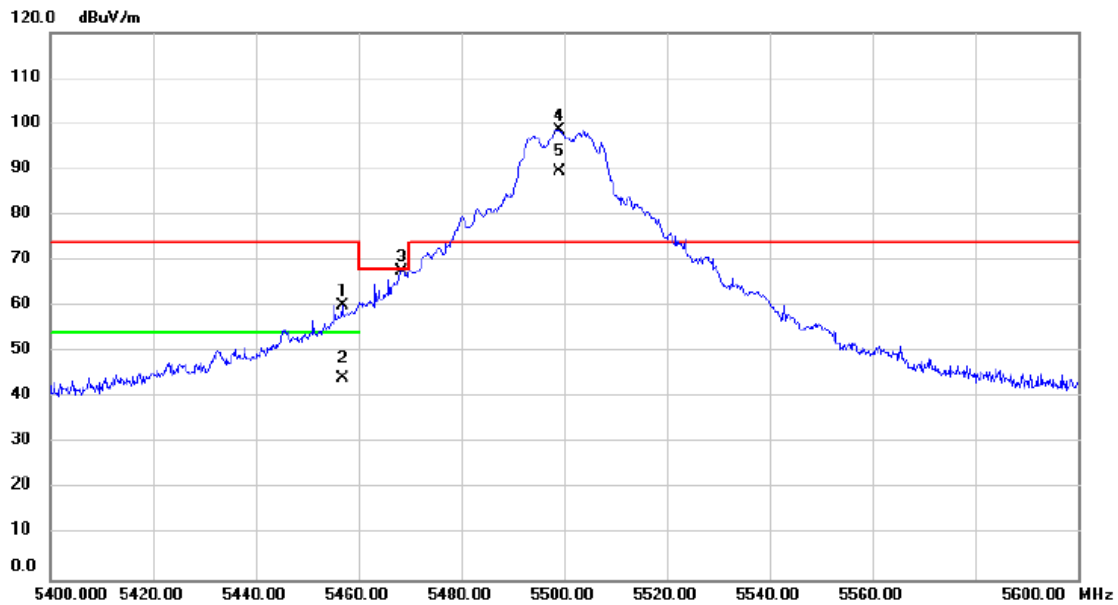


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5322.600	95.89	2.00	97.89	68.20	29.69	peak		No Limit
2	X	5322.600	87.17	2.00	89.17	68.20	20.97	AVG		No Limit
3		5350.400	63.44	2.01	65.45	74.00	-8.55	peak		
4		5350.400	48.70	2.01	50.71	54.00	-3.29	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/21
Test Frequency	5500MHz	Polarization	Vertical

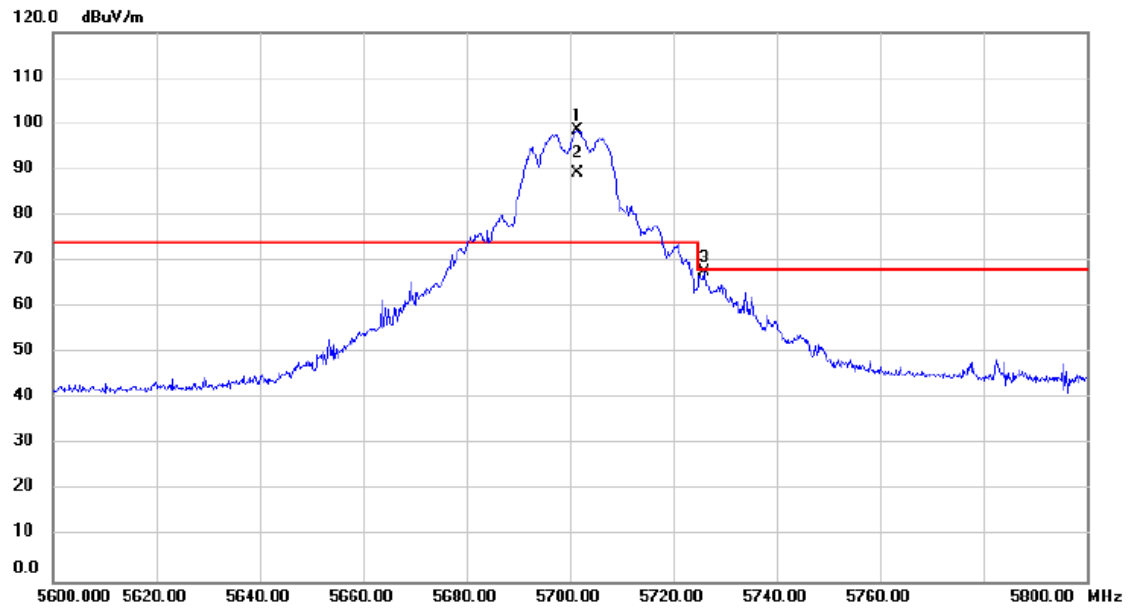


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5456.800	58.16	2.05	60.21	74.00	-13.79			peak
2		5456.800	42.14	2.05	44.19	54.00	-9.81			AVG
3		5468.400	65.70	2.05	67.75	68.20	-0.45			peak
4	*	5499.200	96.50	2.07	98.57	74.00	24.57			peak
5	X	5499.200	87.62	2.07	89.69	74.00	15.69			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/21
Test Frequency	5700MHz	Polarization	Vertical

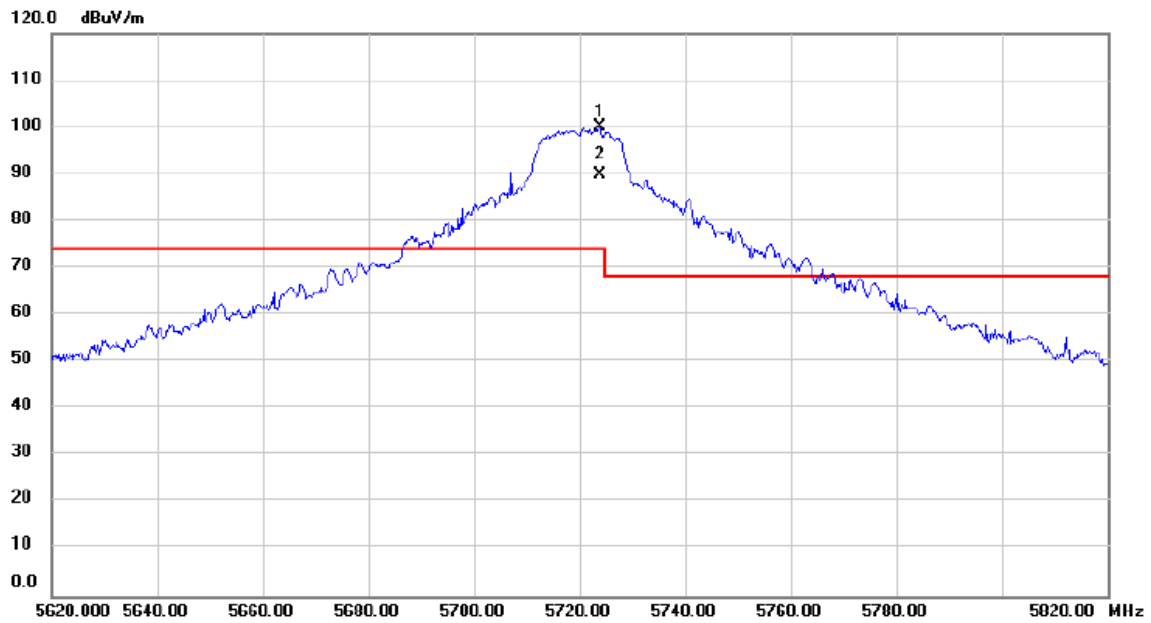


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5701.400	96.27	2.39	98.66	74.00	24.66	peak		No Limit
2	X	5701.400	86.91	2.39	89.30	74.00	15.30	AVG		No Limit
3		5726.000	65.26	2.42	67.68	68.20	-0.52	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/7/19
Test Frequency	5720Hz	Polarization	Vertical

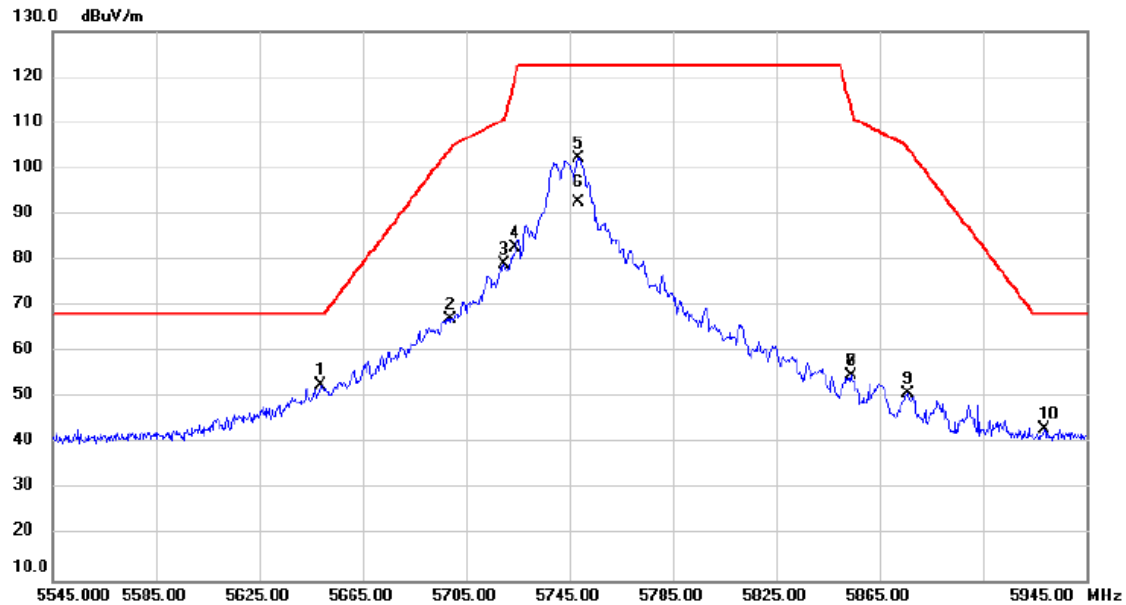


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5723.800	97.49	2.42	99.91	74.00	25.91	peak		No Limit
2	X	5723.800	87.32	2.42	89.74	74.00	15.74	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/21
Test Frequency	5745MHz	Polarization	Vertical

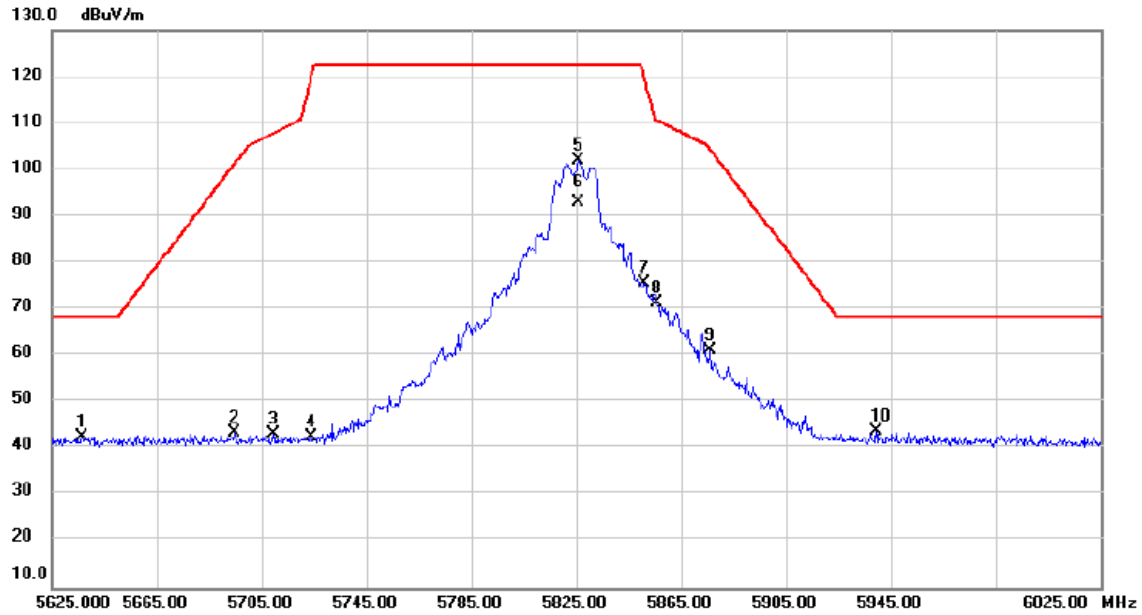


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5648.600	50.46	2.30	52.76	68.20	-15.44	peak		
2		5699.000	64.84	2.39	67.23	104.46	-37.23	peak		
3		5719.800	76.68	2.41	79.09	110.74	-31.65	peak		
4		5724.200	80.19	2.42	82.61	120.38	-37.77	peak		
5		5748.600	99.78	2.46	102.24	122.20	-19.96	peak		No Limit
6		5748.600	90.27	2.46	92.73	122.20	-29.47	AVG		No Limit
7		5853.800	52.14	2.62	54.76	113.54	-58.78	peak		
8		5853.800	52.14	2.62	54.76	113.54	-58.78	peak		
9		5875.800	48.16	2.66	50.82	104.61	-53.79	peak		
10		5928.600	40.45	2.73	43.18	68.20	-25.02	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/21
Test Frequency	5825MHz	Polarization	Vertical



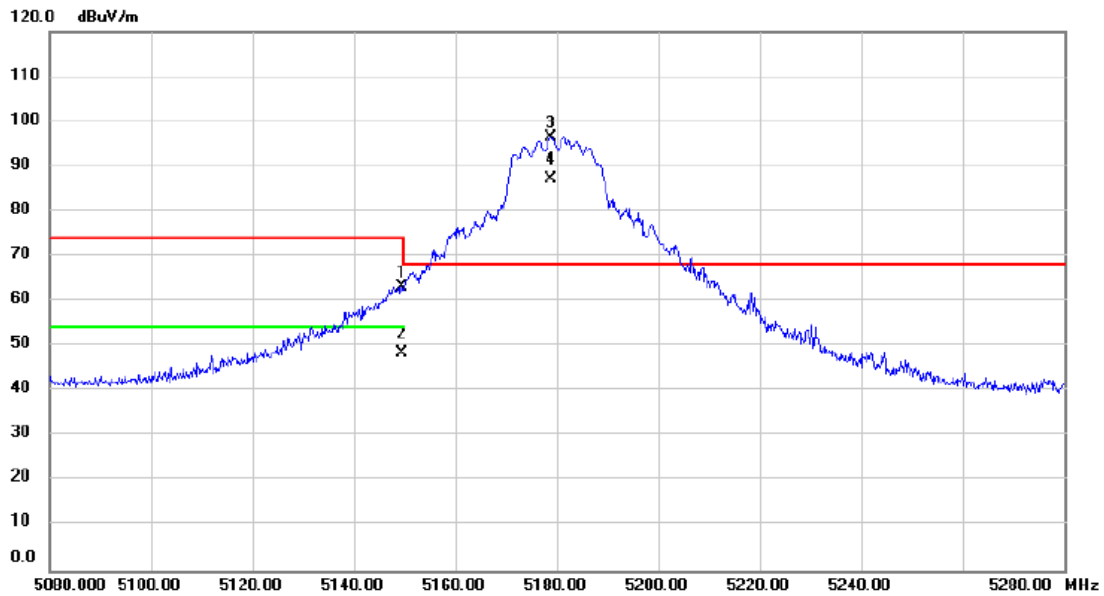
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5636.600	40.40	2.28	42.68	68.20	-25.52	peak		
2		5694.600	41.17	2.37	43.54	101.22	-57.68	peak		
3		5709.400	40.80	2.39	43.19	107.83	-64.64	peak		
4		5723.800	40.10	2.42	42.52	119.46	-76.94	peak		
5	*	5825.800	99.33	2.58	101.91	122.20	-20.29	peak		No Limit
6		5825.800	90.23	2.58	92.81	122.20	-29.39	AVG		No Limit
7		5851.000	72.96	2.62	75.58	119.92	-44.34	peak		
8		5855.800	68.72	2.63	71.35	110.58	-39.23	peak		
9		5876.200	58.62	2.66	61.28	104.31	-43.03	peak		
10		5939.400	41.02	2.76	43.78	68.20	-24.42	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/21
Test Frequency	5180MHz	Polarization	58

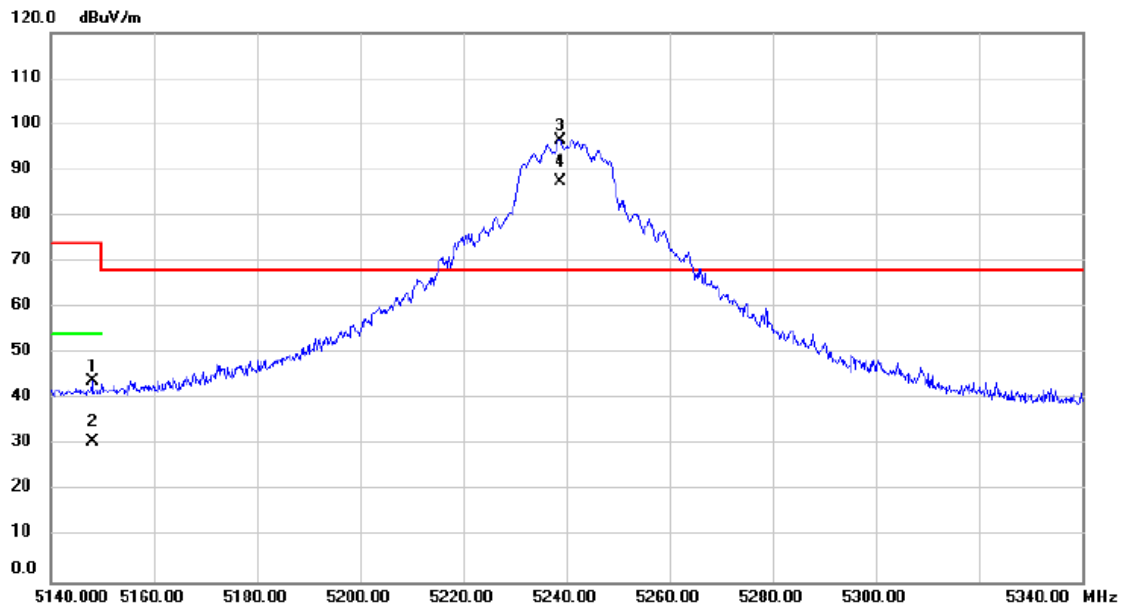


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5149.400	61.36	1.93	63.29	74.00	-10.71	peak		
2		5149.400	46.43	1.93	48.36	54.00	-5.64	AVG		
3	*	5178.800	94.41	1.94	96.35	68.20	28.15	peak		No Limit
4	X	5178.800	85.12	1.94	87.06	68.20	18.86	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	2024/6/21
Test Frequency	5240MHz	Polarization	Vertical

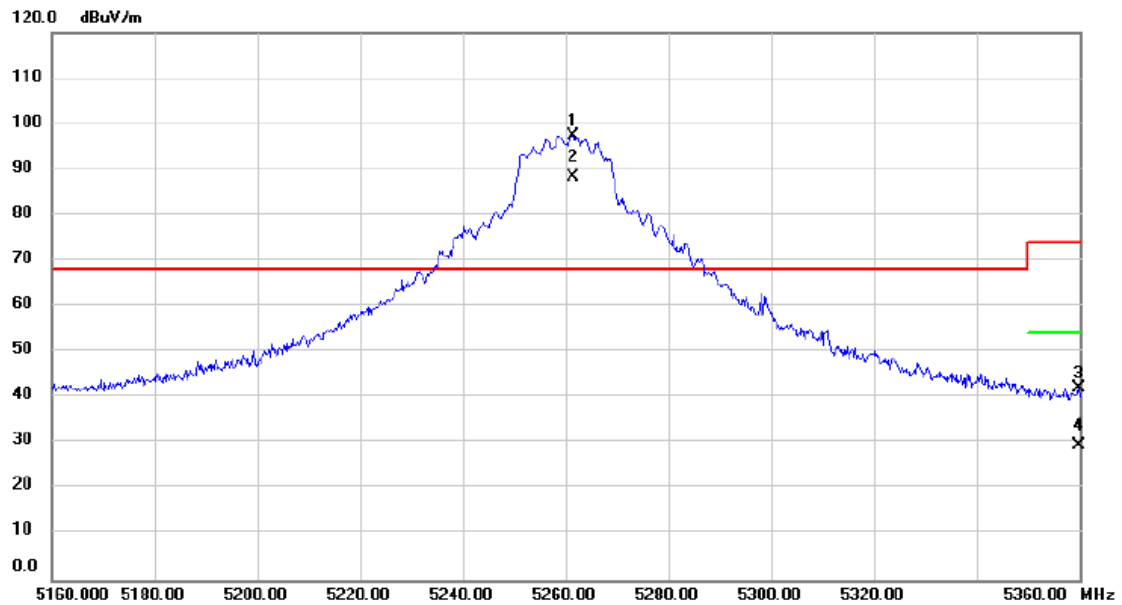


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5148.000	42.10	1.93	44.03	74.00	-29.97	peak		
2		5148.000	28.75	1.93	30.68	54.00	-23.32	AVG		
3	*	5238.800	94.47	1.96	96.43	68.20	28.23	peak		No Limit
4	X	5238.800	85.52	1.96	87.48	68.20	19.28	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	2024/6/21
Test Frequency	5260MHz	Polarization	Vertical

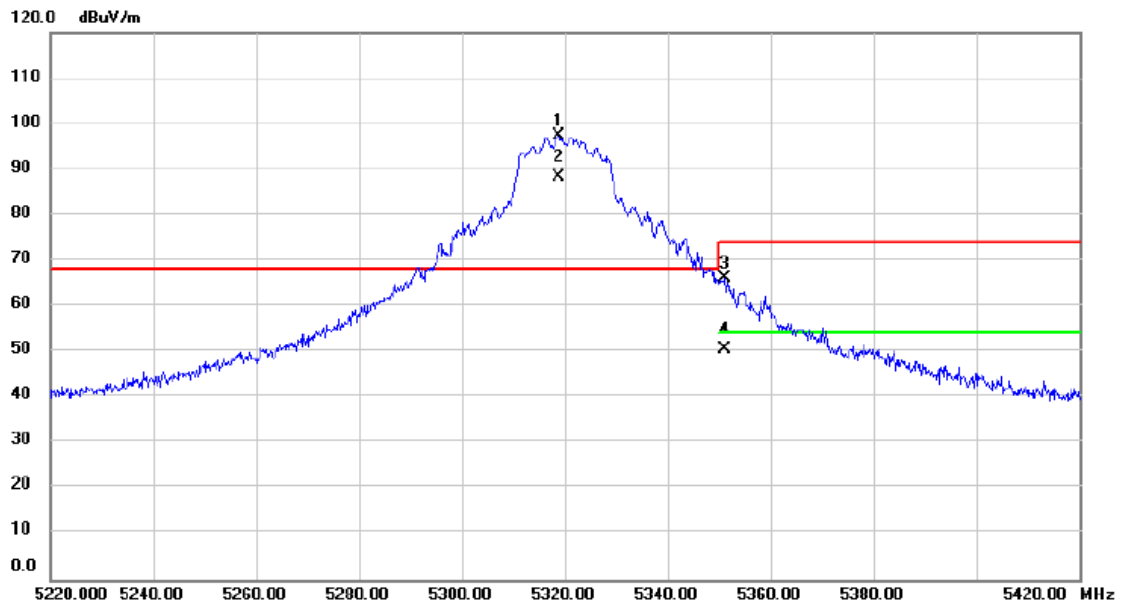


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5261.400	95.48	1.98	97.46	68.20	29.26	peak		No Limit
2	X	5261.400	86.25	1.98	88.23	68.20	20.03	AVG		No Limit
3		5359.800	40.21	2.02	42.23	74.00	-31.77	peak		
4		5359.800	27.46	2.02	29.48	54.00	-24.52	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/22
Test Frequency	5320MHz	Polarization	Vertical

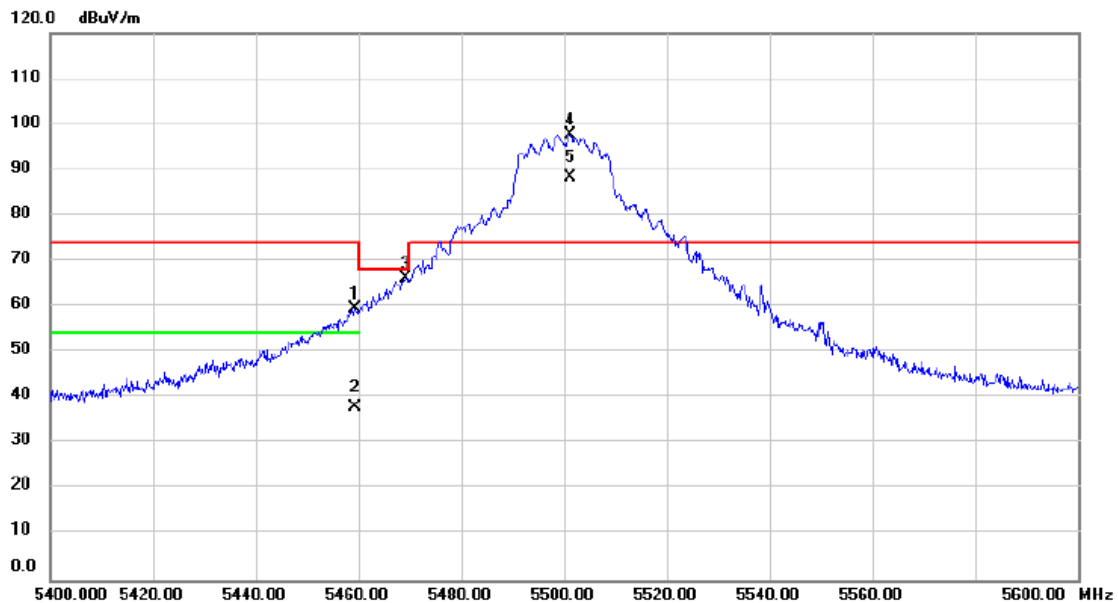


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5318.800	95.44	2.00	97.44	68.20	29.24	peak		No Limit
2	X	5318.800	86.23	2.00	88.23	68.20	20.03	AVG		No Limit
3		5351.200	64.05	2.01	66.06	74.00	-7.94	peak		
4		5351.200	48.40	2.01	50.41	54.00	-3.59	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/22
Test Frequency	5500MHz	Polarization	Vertical

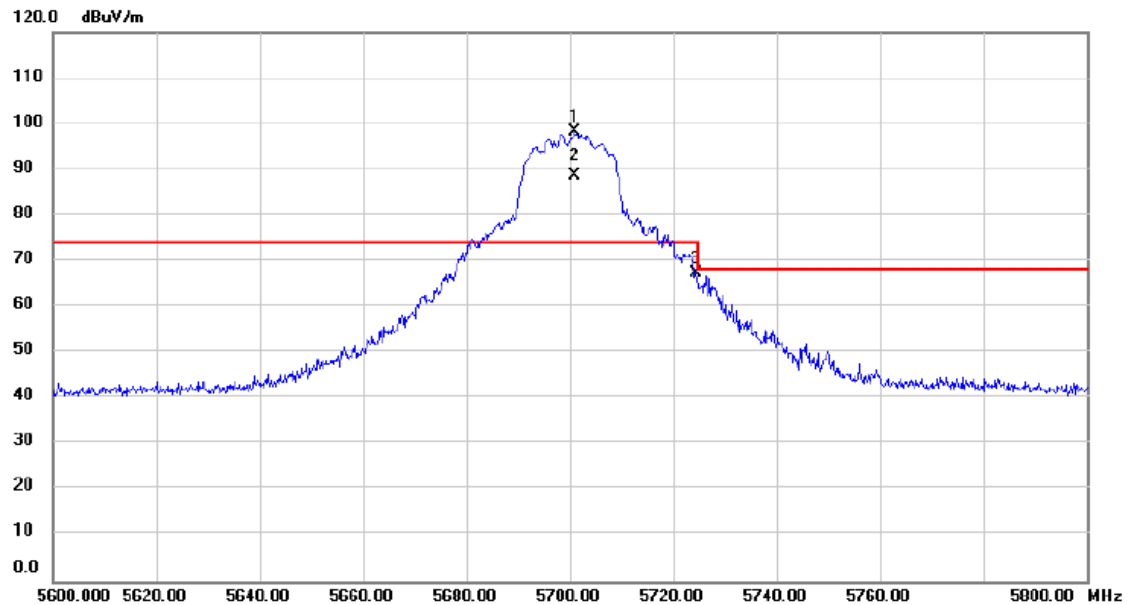


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5459.400	57.62	2.06	59.68	74.00	-14.32	peak			
2		5459.400	35.84	2.06	37.90	54.00	-16.10	AVG			
3		5469.200	64.10	2.05	66.15	68.20	-2.05	peak			
4	*	5501.200	95.66	2.07	97.73	74.00	23.73	peak			No Limit
5	X	5501.200	86.19	2.07	88.26	74.00	14.26	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	2024/6/22
Test Frequency	5700MHz	Polarization	Vertical

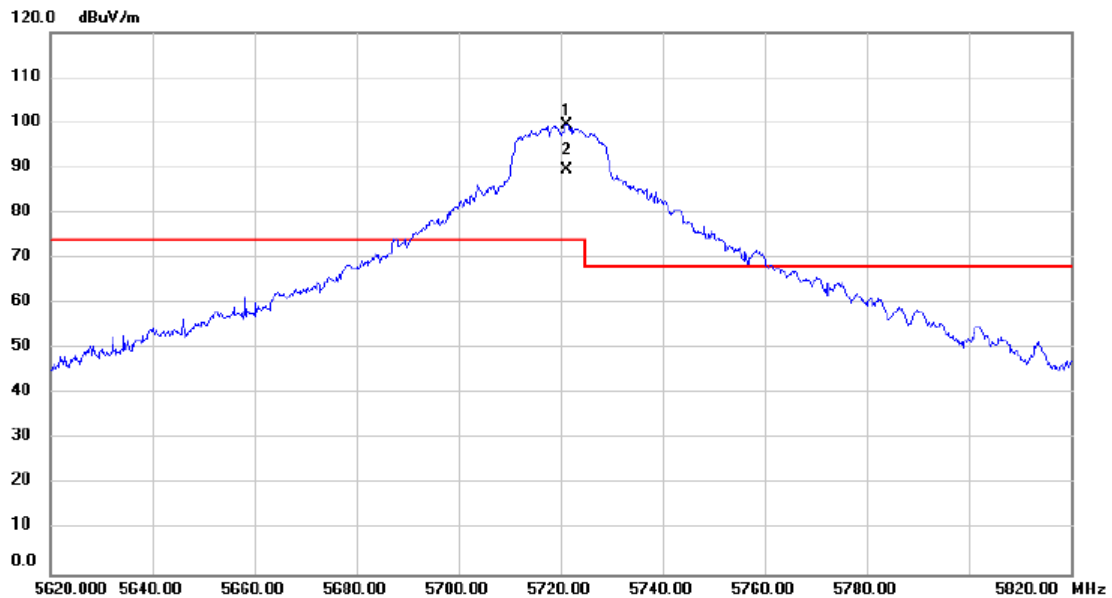


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5701.000	95.77	2.39	98.16	74.00	24.16	peak		No Limit
2	X	5701.000	86.27	2.39	88.66	74.00	14.66	AVG		No Limit
3		5724.400	64.85	2.42	67.27	74.00	-6.73	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/7/19
Test Frequency	5720Hz	Polarization	Vertical

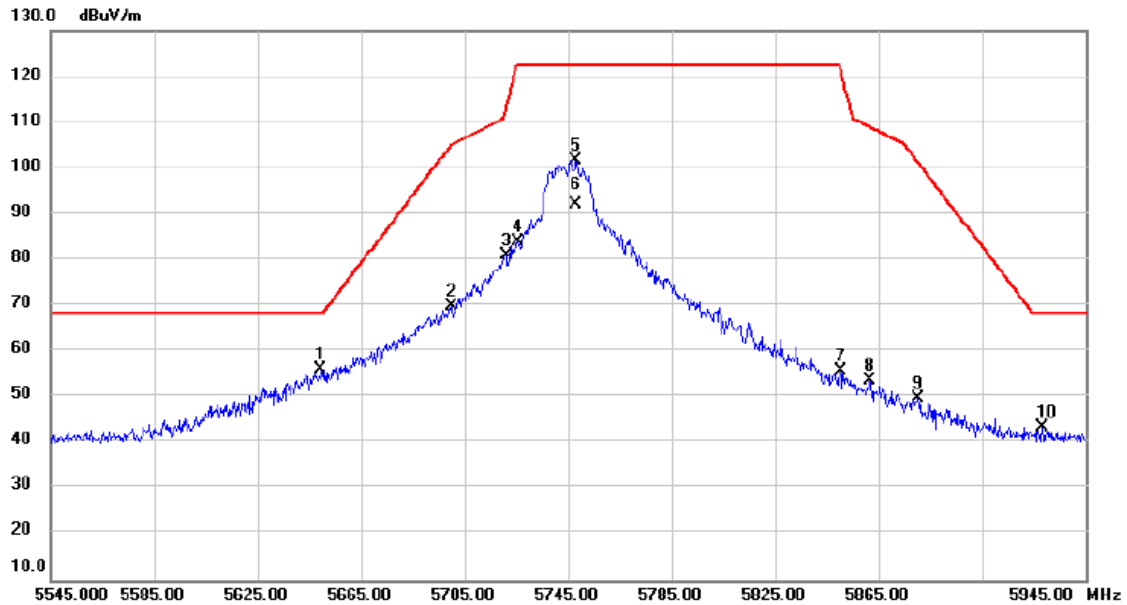


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5721.200	97.11	2.42	99.53	74.00	25.53	peak		No Limit
2	X	5721.200	87.14	2.42	89.56	74.00	15.56	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/22
Test Frequency	5745MHz	Polarization	Vertical

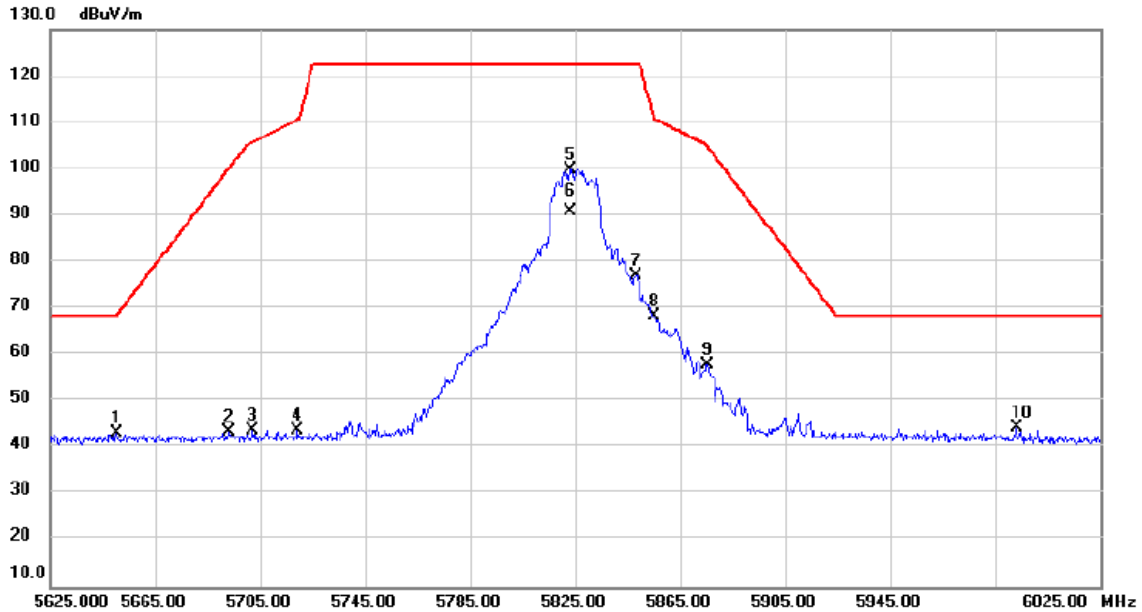


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	5649.400	53.69	2.30	55.99	68.20	-12.21	peak		
2		5700.200	67.48	2.39	69.87	105.26	-35.39	peak		
3		5721.000	78.44	2.42	80.86	113.08	-32.22	peak		
4		5725.400	81.48	2.42	83.90	122.20	-38.30	peak		
5		5748.200	99.15	2.46	101.61	122.20	-20.59	peak		No Limit
6		5748.200	89.45	2.46	91.91	122.20	-30.29	AVG		No Limit
7		5850.200	53.05	2.62	55.67	121.74	-66.07	peak		
8		5861.400	50.92	2.63	53.55	109.01	-55.46	peak		
9		5880.200	47.19	2.67	49.86	101.34	-51.48	peak		
10		5928.200	40.80	2.73	43.53	68.20	-24.67	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/22
Test Frequency	5825MHz	Polarization	Vertical

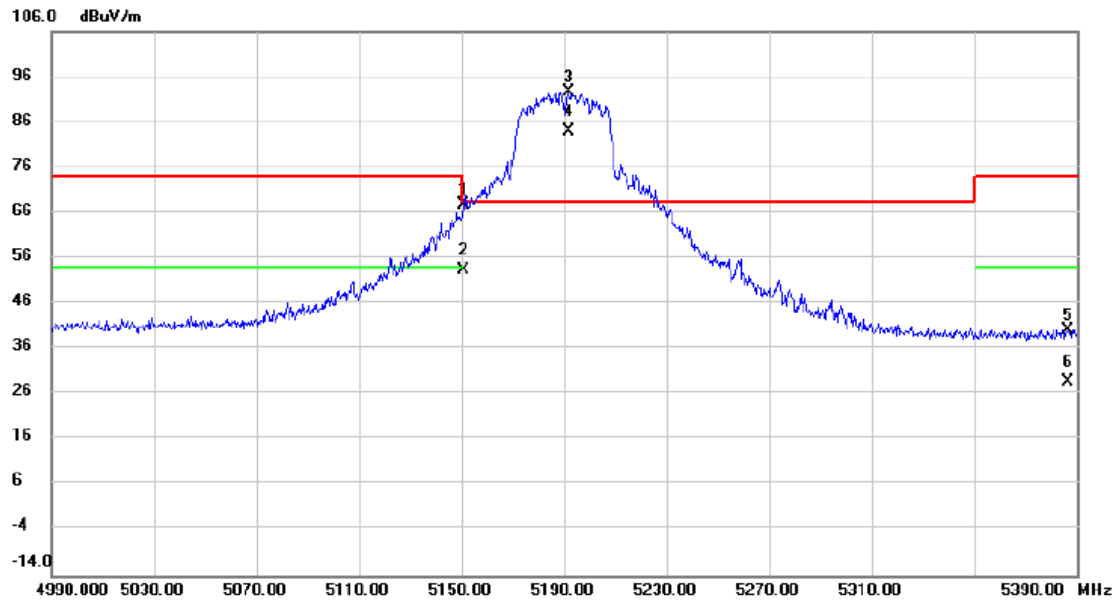


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5650.200	40.87	2.30	43.17	68.35	-25.18	peak		
2		5693.000	41.05	2.37	43.42	100.04	-56.62	peak		
3		5702.200	41.48	2.39	43.87	105.82	-61.95	peak		
4		5719.400	41.40	2.41	43.81	110.63	-66.82	peak		
5	*	5823.400	97.28	2.58	99.86	122.20	-22.34	peak		No Limit
6		5823.400	88.40	2.58	90.98	122.20	-31.22	AVG		No Limit
7		5848.200	74.49	2.62	77.11	122.20	-45.09	peak		
8		5855.400	65.58	2.63	68.21	110.69	-42.48	peak		
9		5875.400	55.11	2.66	57.77	104.90	-47.13	peak		
10		5993.000	41.59	2.84	44.43	68.20	-23.77	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5190MHz	Polarization	Vertical

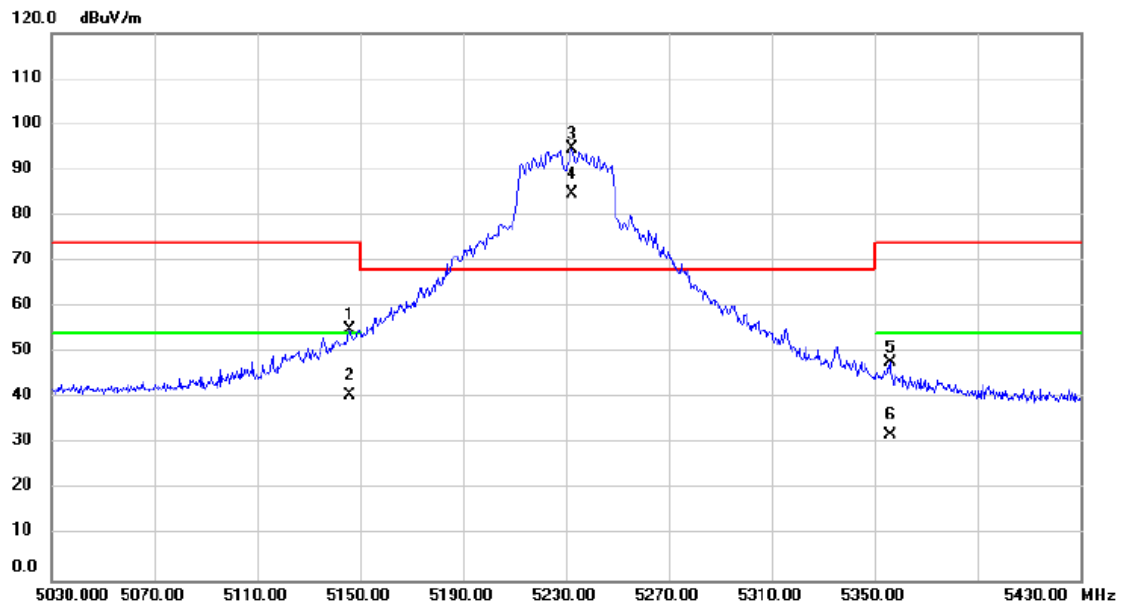


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		5150.800	65.77	1.93	67.70	68.20	-0.50	peak		
2		5150.800	51.56	1.93	53.49	68.20	-14.71	AVG		
3	*	5191.600	90.81	1.94	92.75	68.20	24.55	peak		No Limit
4	X	5191.600	81.94	1.94	83.88	68.20	15.68	AVG		No Limit
5		5386.400	38.17	2.02	40.19	74.00	-33.81	peak		
6		5386.400	26.81	2.02	28.83	54.00	-25.17	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5230MHz	Polarization	Vertical



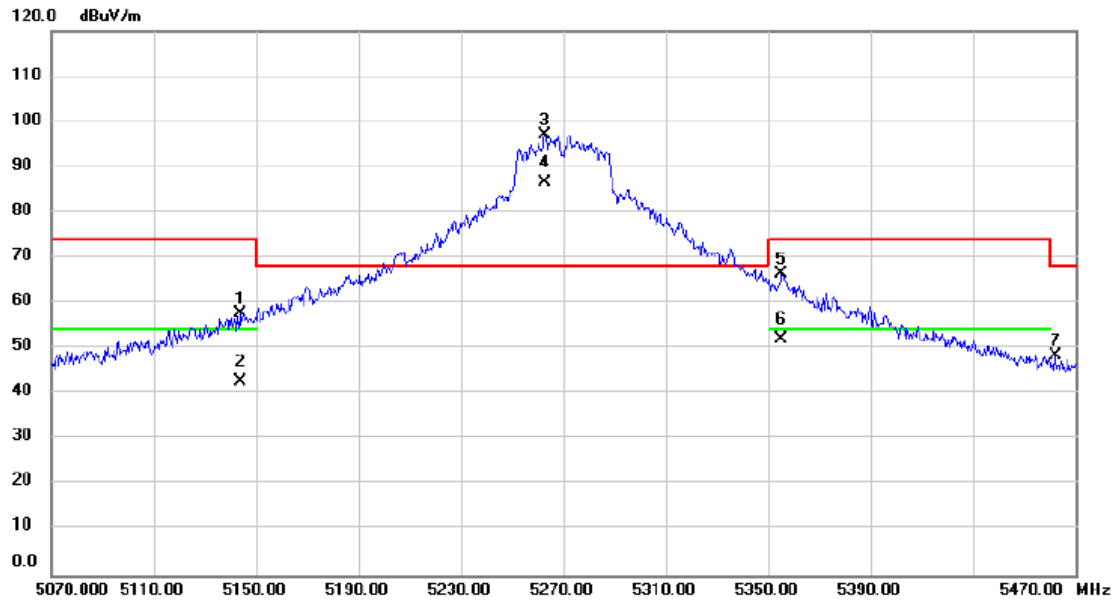
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5146.000	52.98	1.93	54.91	74.00	-19.09	peak			
2		5146.000	38.73	1.93	40.66	54.00	-13.34	AVG			
3	*	5232.400	92.55	1.96	94.51	68.20	26.31	peak			No Limit
4	X	5232.400	82.80	1.96	84.76	68.20	16.56	AVG			No Limit
5		5356.000	45.77	2.01	47.78	74.00	-26.22	peak			
6		5356.000	29.96	2.01	31.97	54.00	-22.03	AVG			

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5270MHz	Polarization	Vertical

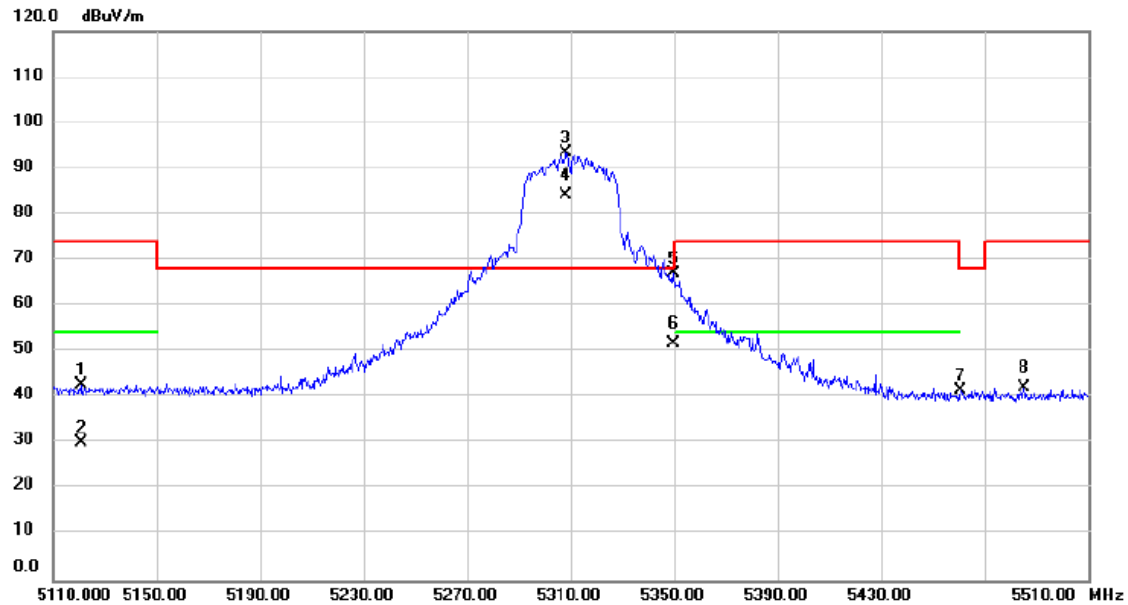


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	5143.600	55.78	1.93	57.71	74.00	-16.29	peak		
2	5143.600	40.79	1.93	42.72	54.00	-11.28	AVG		
3 *	5262.800	95.00	1.98	96.98	68.20	28.78	peak		No Limit
4 X	5262.800	84.51	1.98	86.49	68.20	18.29	AVG		No Limit
5	5355.200	64.34	2.00	66.34	74.00	-7.66	peak		
6	5355.200	49.96	2.00	51.96	54.00	-2.04	AVG		
7	5462.000	46.32	2.06	48.38	68.20	-19.82	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5310MHz	Polarization	Vertical



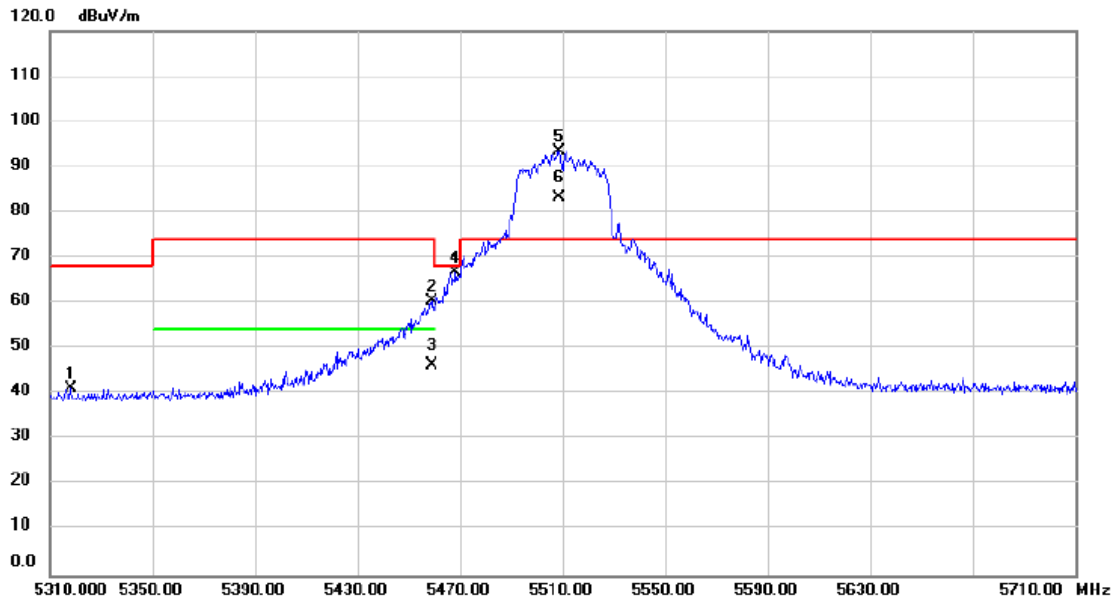
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		5120.800	40.95	1.91	42.86	74.00	-31.14	peak		
2		5120.800	28.25	1.91	30.16	74.00	-43.84	peak		
3	*	5308.400	91.35	2.00	93.35	68.20	25.15	peak		No Limit
4	X	5308.400	82.17	2.00	84.17	68.20	15.97	AVG		No Limit
5		5349.600	64.95	2.01	66.96	68.20	-1.24	peak		
6		5349.600	49.84	2.01	51.85	68.20	-16.35	AVG		
7		5460.800	39.41	2.06	41.47	68.20	-26.73	peak		
8		5485.200	40.23	2.06	42.29	74.00	-31.71	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5510MHz	Polarization	Vertical



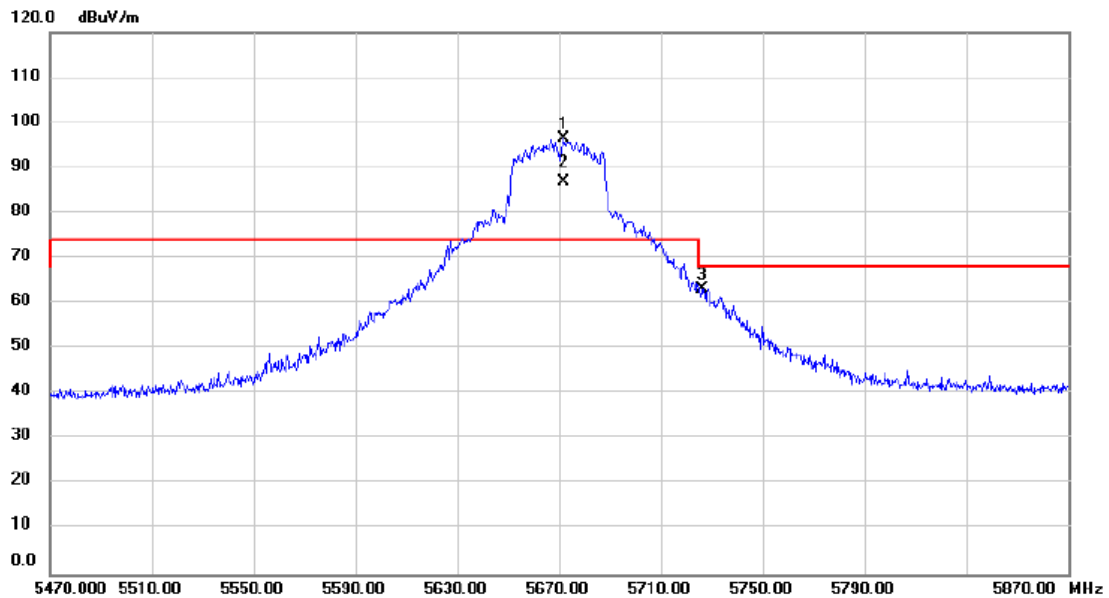
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5318.000	39.16	2.00	41.16	68.20	-27.04	peak			
2		5459.200	58.28	2.06	60.34	74.00	-13.66	peak			
3		5459.200	44.42	2.06	46.48	54.00	-7.52	AVG			
4		5468.400	64.76	2.05	66.81	68.20	-1.39	peak			
5	*	5508.800	91.42	2.09	93.51	74.00	19.51	peak			No Limit
6	X	5508.800	81.25	2.09	83.34	74.00	9.34	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	2024/6/24
Test Frequency	5670MHz	Polarization	Vertical

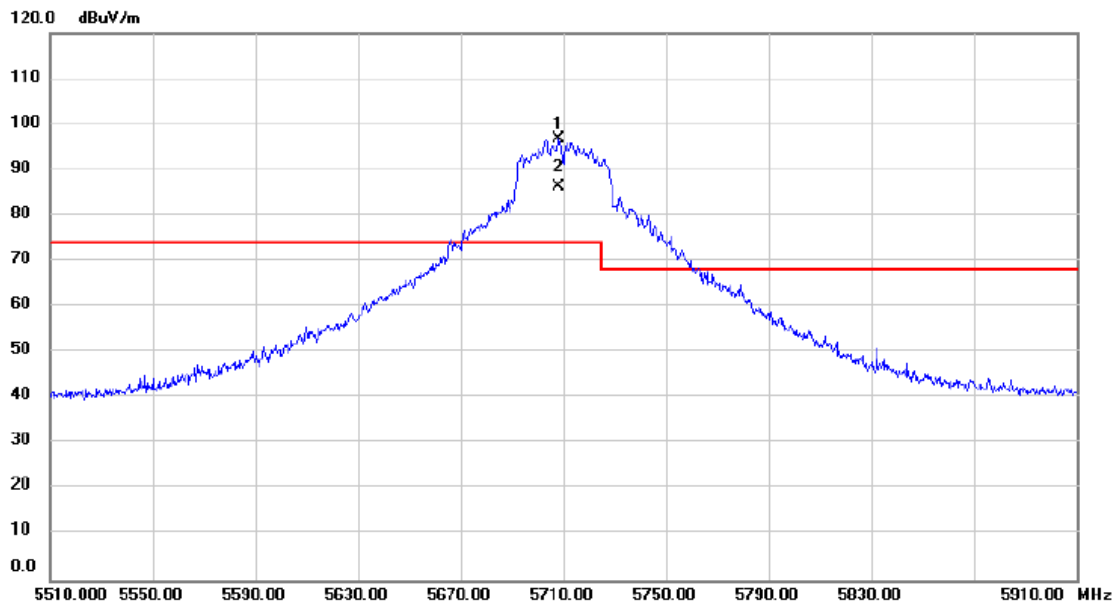


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5672.000	94.01	2.34	96.35	74.00	22.35	peak		No Limit
2	X	5672.000	84.57	2.34	86.91	74.00	12.91	AVG		No Limit
3		5726.400	60.84	2.42	63.26	68.20	-4.94	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/7/19
Test Frequency	5710Hz	Polarization	Vertical

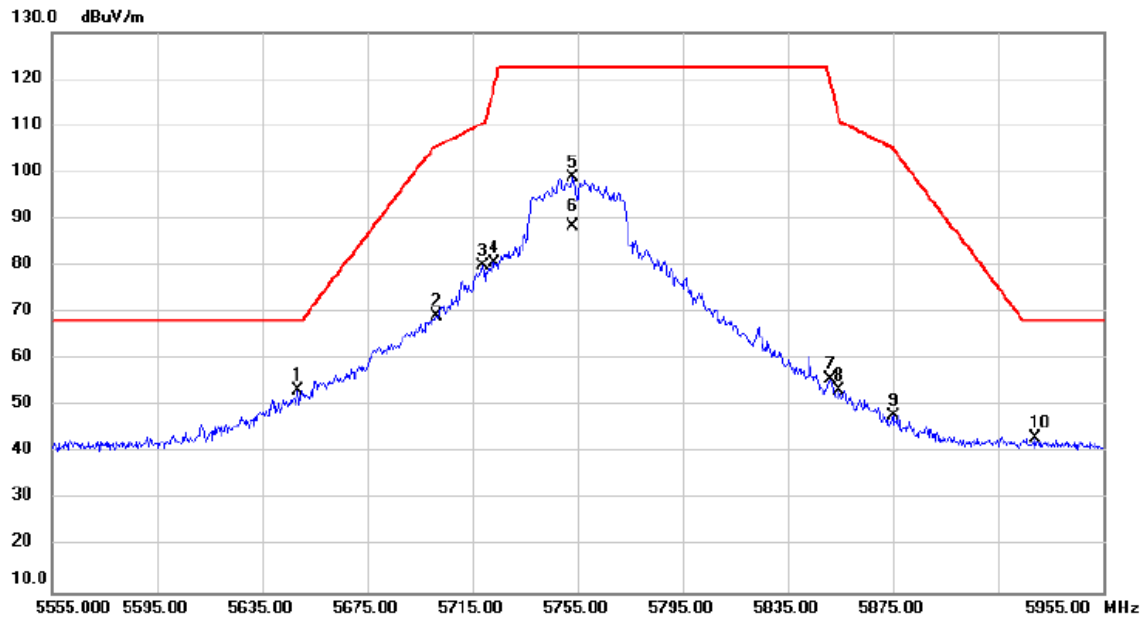


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5708.400	94.23	2.39	96.62	74.00	22.62	peak		No Limit
2	X	5708.400	83.84	2.39	86.23	74.00	12.23	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5755MHz	Polarization	Vertical

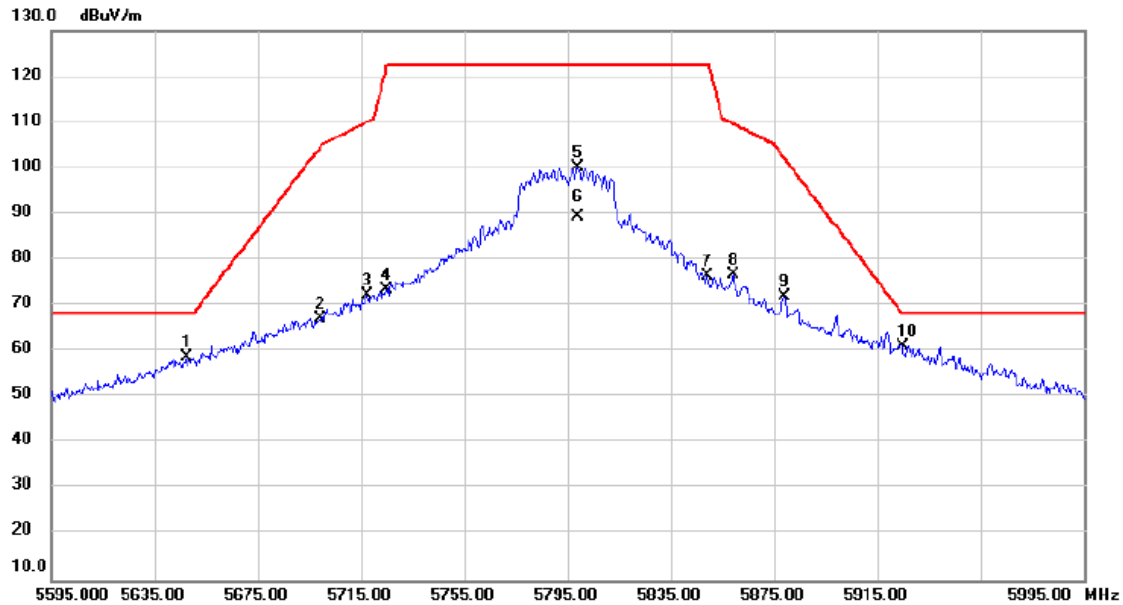


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5648.600	51.19	2.30	53.49	68.20	-14.71	peak		
2		5701.400	66.75	2.39	69.14	105.59	-36.45	peak		
3		5719.000	77.66	2.41	80.07	110.52	-30.45	peak		
4		5723.000	78.33	2.42	80.75	117.64	-36.89	peak		
5		5753.400	96.42	2.46	98.88	122.20	-23.32	peak		No Limit
6		5753.400	85.97	2.46	88.43	122.20	-33.77	AVG		No Limit
7		5851.000	53.14	2.62	55.76	119.92	-64.16	peak		
8		5854.600	50.77	2.63	53.40	111.71	-58.31	peak		
9		5875.000	45.31	2.66	47.97	105.20	-57.23	peak		
10		5929.400	40.55	2.74	43.29	68.20	-24.91	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/24
Test Frequency	5795MHz	Polarization	Vertical

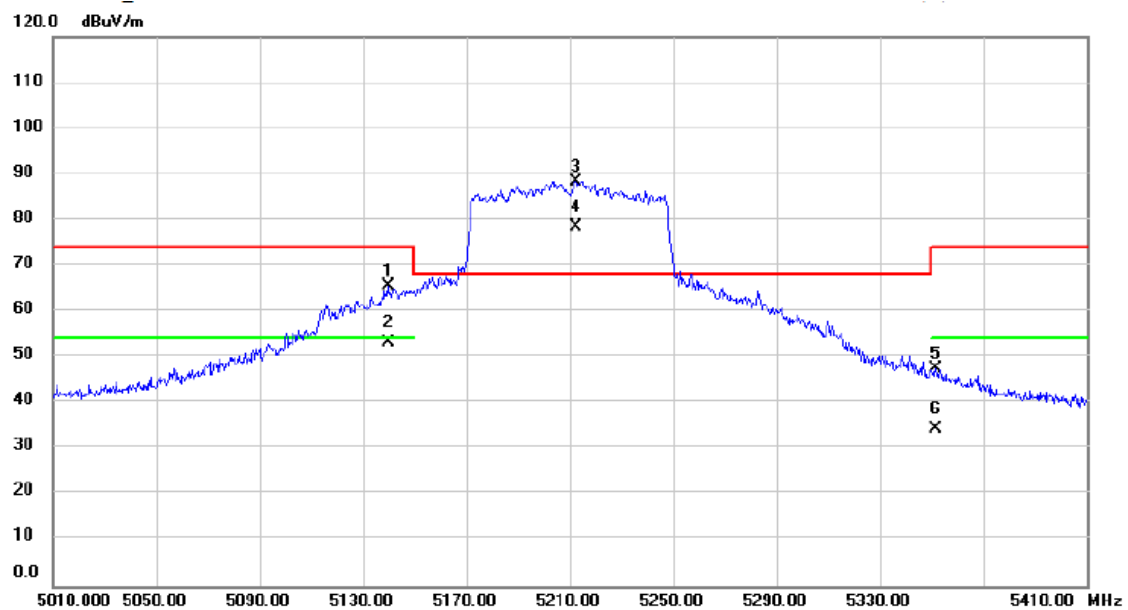


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5647.400	56.45	2.30	58.75	68.20	-9.45	peak		
2		5699.400	64.78	2.39	67.17	104.76	-37.59	peak		
3		5717.400	69.74	2.41	72.15	110.07	-37.92	peak		
4		5725.000	70.98	2.42	73.40	122.20	-48.80	peak		
5		5799.000	97.70	2.53	100.23	122.20	-21.97	peak		No Limit
6		5799.000	86.78	2.53	89.31	122.20	-32.89	AVG		No Limit
7		5849.400	73.74	2.62	76.36	122.20	-45.84	peak		
8		5859.000	74.15	2.63	76.78	109.68	-32.90	peak		
9		5879.000	69.26	2.66	71.92	102.23	-30.31	peak		
10	*	5924.600	58.57	2.73	61.30	68.49	-7.19	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/24
Test Frequency	5210MHz	Polarization	Vertical

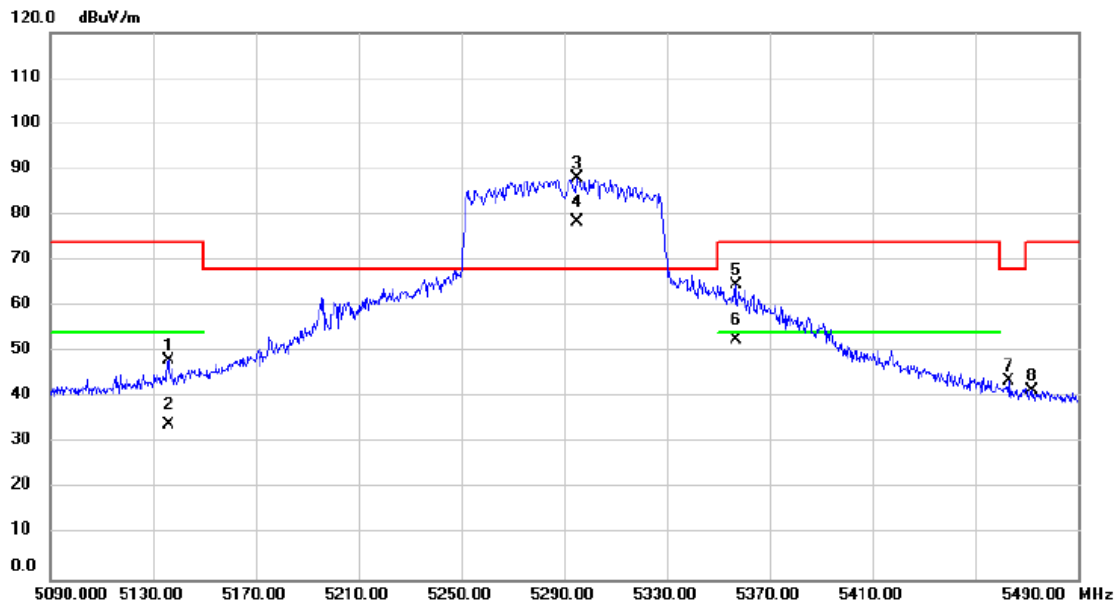


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5139.600	63.51	1.92	65.43	74.00	-8.57	peak		
2		5139.600	51.26	1.92	53.18	54.00	-0.82	AVG		
3	*	5212.400	86.45	1.96	88.41	68.20	20.21	peak		No Limit
4	X	5212.400	76.47	1.96	78.43	68.20	10.23	AVG		No Limit
5		5351.600	45.59	2.01	47.60	74.00	-26.40	peak		
6		5351.600	32.44	2.01	34.45	54.00	-19.55	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/24
Test Frequency	5290MHz	Polarization	Vertical

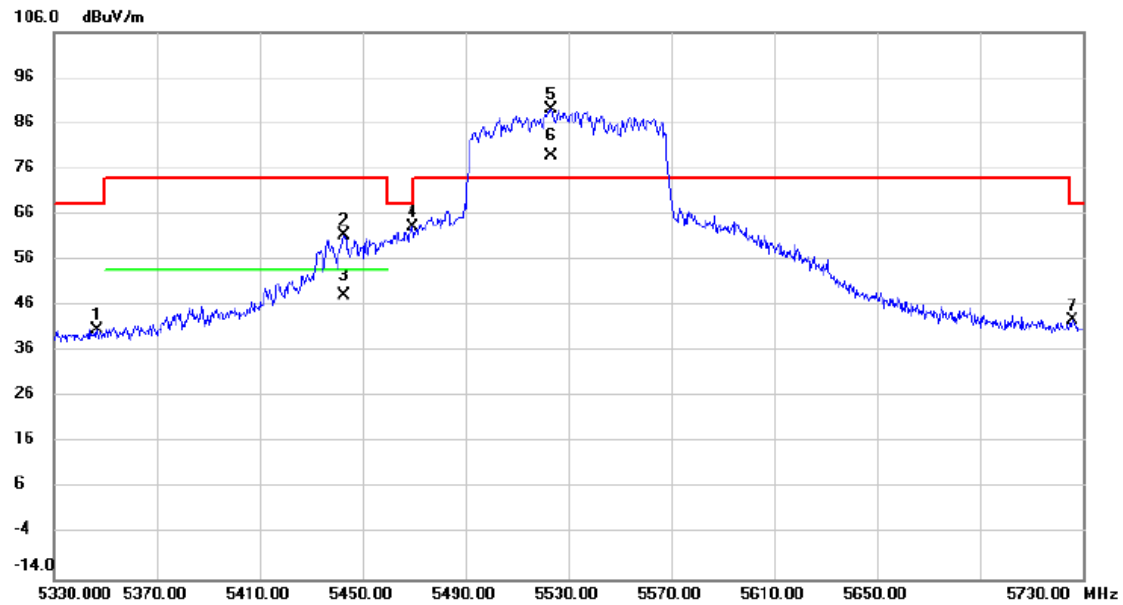


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5136.000	46.11	1.92	48.03	74.00	-25.97	peak		
2		5136.000	32.20	1.92	34.12	54.00	-19.88	AVG		
3	*	5295.200	86.12	1.99	88.11	68.20	19.91	peak		No Limit
4	X	5295.200	76.52	1.99	78.51	68.20	10.31	AVG		No Limit
5		5356.800	62.77	2.01	64.78	74.00	-9.22	peak		
6		5356.800	50.62	2.01	52.63	54.00	-1.37	AVG		
7		5462.800	41.51	2.06	43.57	68.20	-24.63	peak		
8		5472.400	39.44	2.06	41.50	74.00	-32.50	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/24
Test Frequency	5530MHz	Polarization	Vertical

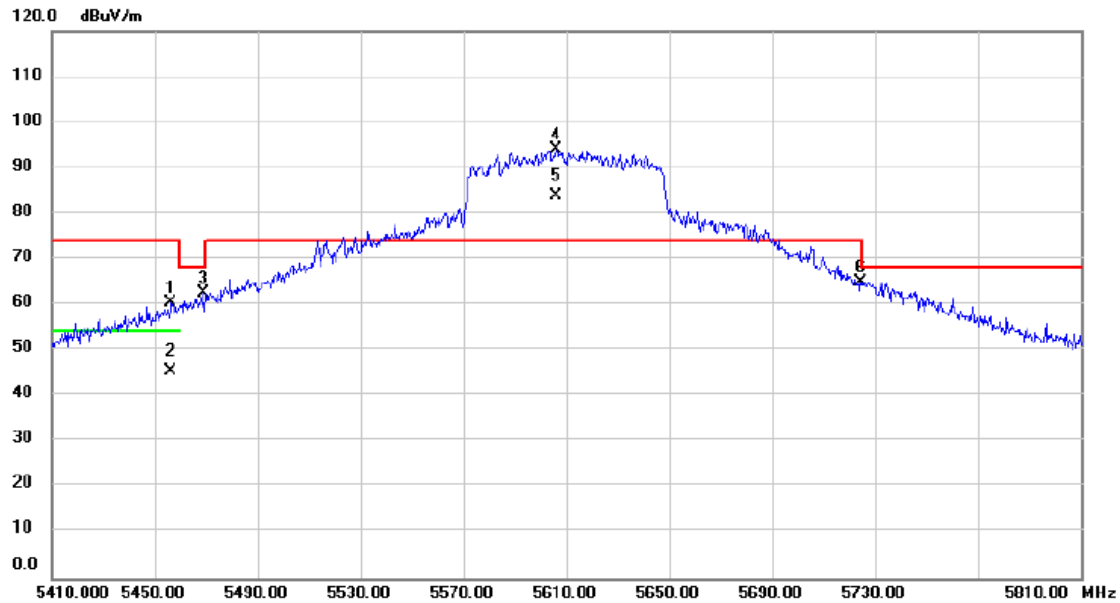


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5346.800	38.83	2.01	40.84	68.20	-27.36	peak		
2		5442.800	59.29	2.05	61.34	74.00	-12.66	peak		
3		5442.800	46.21	2.05	48.26	54.00	-5.74	AVG		
4		5469.600	61.07	2.05	63.12	68.20	-5.08	peak		
5	*	5523.200	86.89	2.11	89.00	74.00	15.00	peak		No Limit
6	X	5523.200	76.85	2.11	78.96	74.00	4.96	AVG		No Limit
7		5726.000	40.45	2.42	42.87	68.20	-25.33	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/24
Test Frequency	5610MHz	Polarization	Vertical

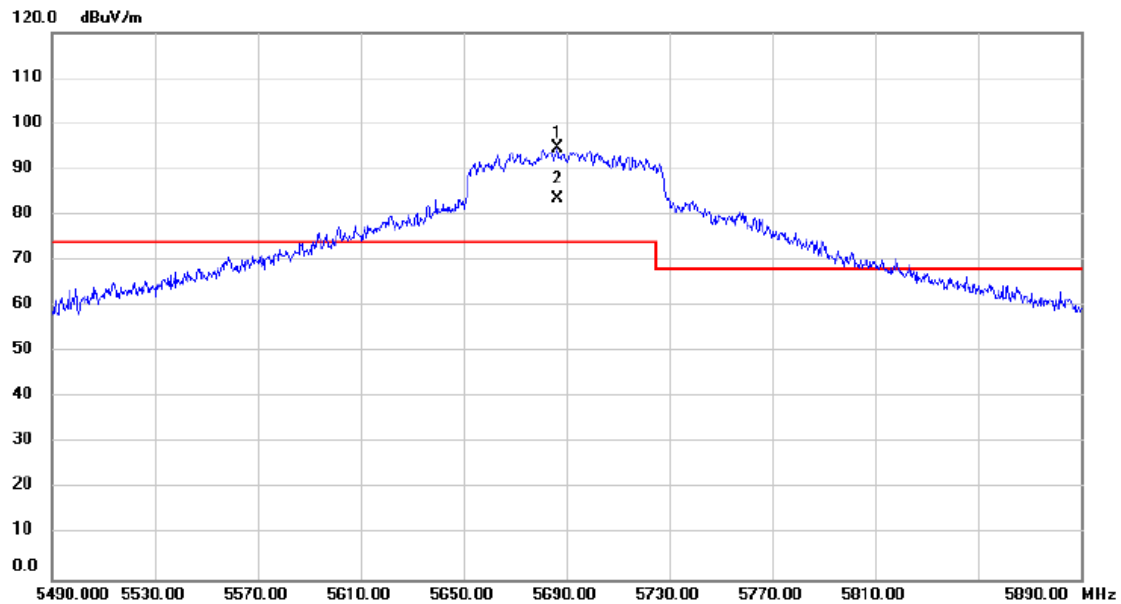


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5456.400	58.27	2.05	60.32	74.00	-13.68	peak			
2		5456.400	43.32	2.05	45.37	54.00	-8.63	AVG			
3		5469.200	60.53	2.05	62.58	68.20	-5.62	peak			
4	*	5606.000	91.83	2.24	94.07	74.00	20.07	peak			No Limit
5	X	5606.000	81.68	2.24	83.92	74.00	9.92	AVG			No Limit
6		5724.400	62.65	2.42	65.07	74.00	-8.93	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/7/19
Test Frequency	5690Hz	Polarization	Vertical

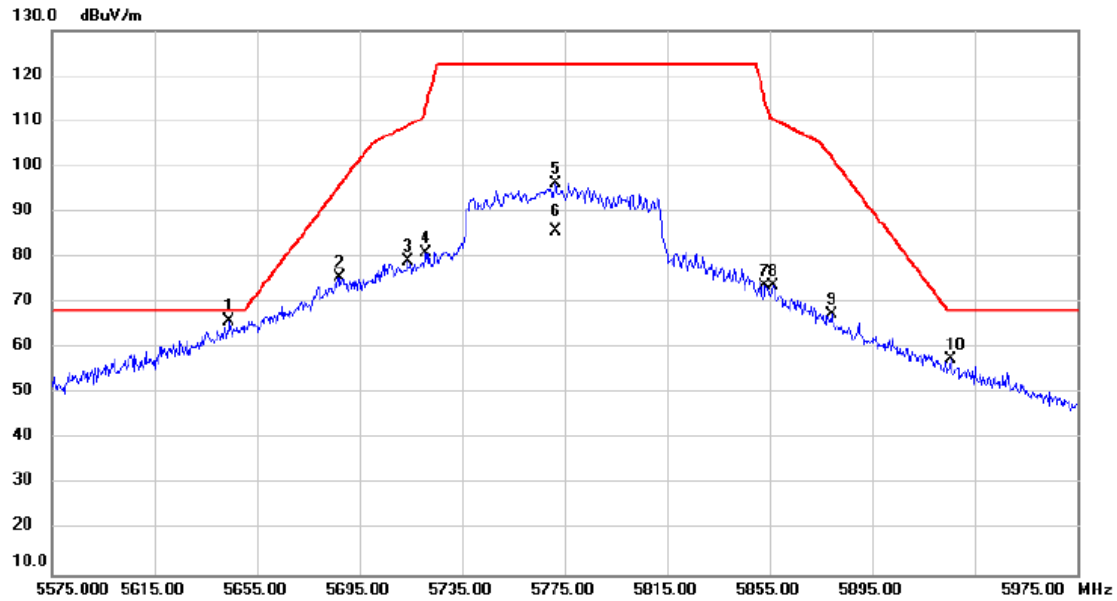


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5686.400	92.24	2.36	94.60	74.00	20.60	peak		No Limit
2	X	5686.400	81.23	2.36	83.59	74.00	9.59	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/24
Test Frequency	5775MHz	Polarization	Vertical



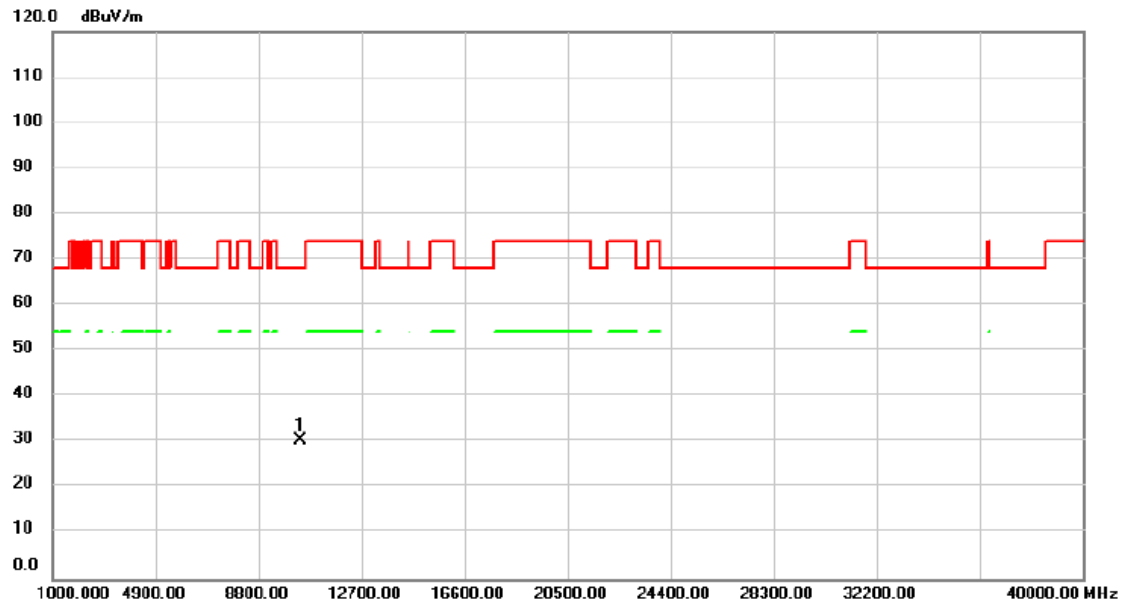
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	5644.200	63.71	2.29	66.00	68.20	-2.20	peak		
2		5687.000	73.28	2.36	75.64	95.61	-19.97	peak		
3		5713.800	76.64	2.41	79.05	109.07	-30.02	peak		
4		5721.000	78.40	2.42	80.82	113.08	-32.26	peak		
5		5771.400	93.77	2.49	96.26	122.20	-25.94	peak		No Limit
6		5771.400	83.14	2.49	85.63	122.20	-36.57	AVG		No Limit
7		5853.400	71.14	2.62	73.76	114.45	-40.69	peak		
8		5856.200	71.10	2.63	73.73	110.46	-36.73	peak		
9		5879.000	64.73	2.66	67.39	102.23	-34.84	peak		
10		5925.800	54.96	2.73	57.69	68.20	-10.51	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5180MHz	Polarization	Vertical

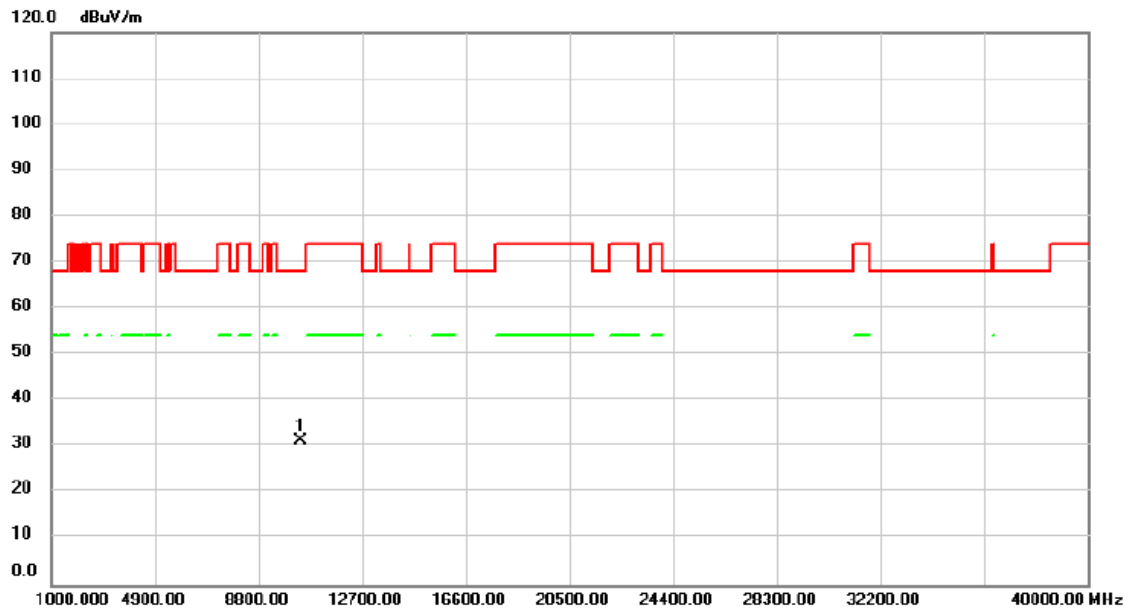


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.00	30.98	-0.60	30.38	68.20	-37.82	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5180MHz	Polarization	Horizontal

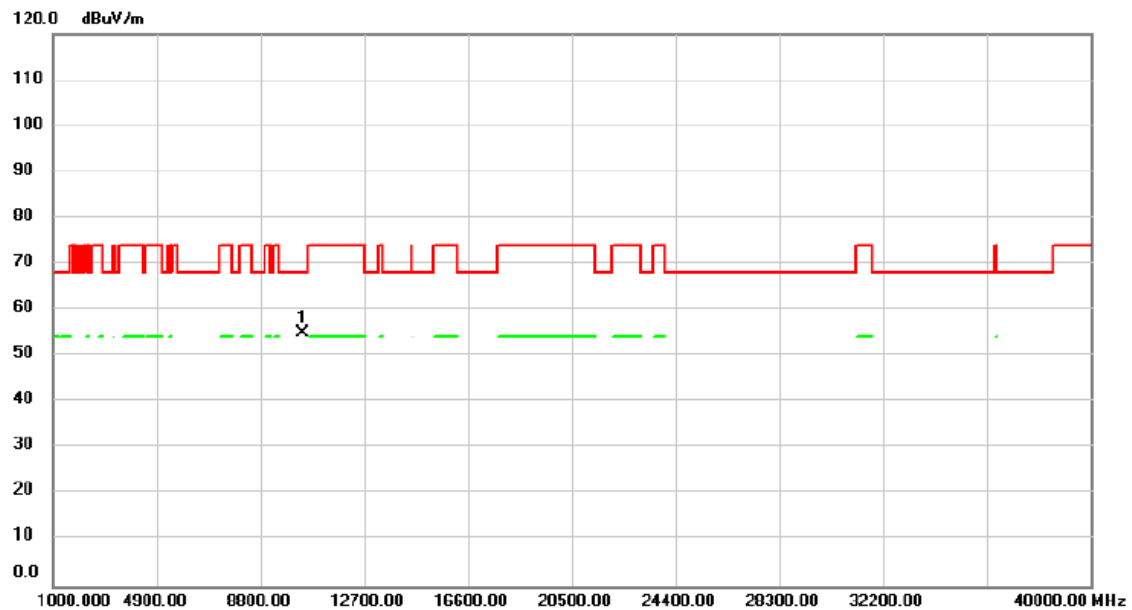


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.00	32.01	-0.60	31.41	68.20	-36.79	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5200MHz	Polarization	Vertical

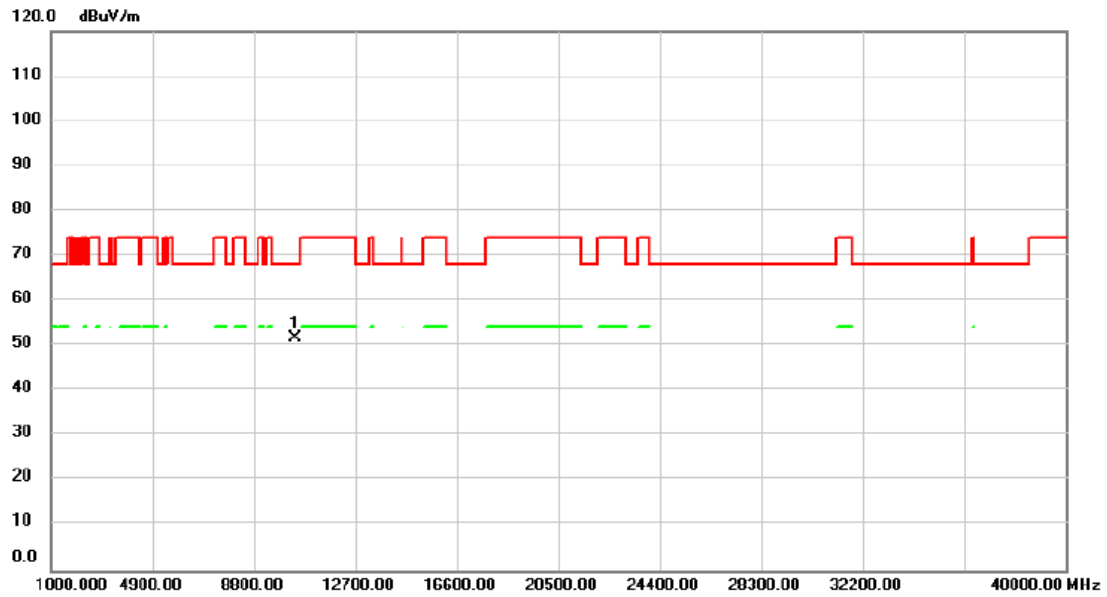


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10399.00	55.60	-0.55	55.05	68.20	-13.15	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5200MHz	Polarization	Horizontal

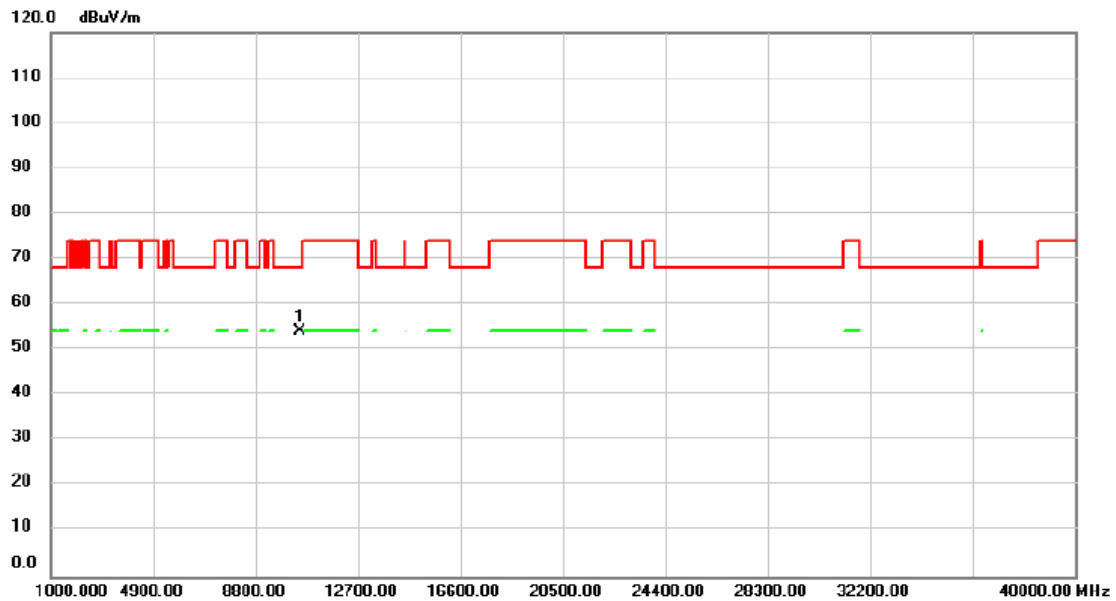


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10399.00	52.22	-0.55	51.67	68.20	-16.53	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5240MHz	Polarization	Vertical

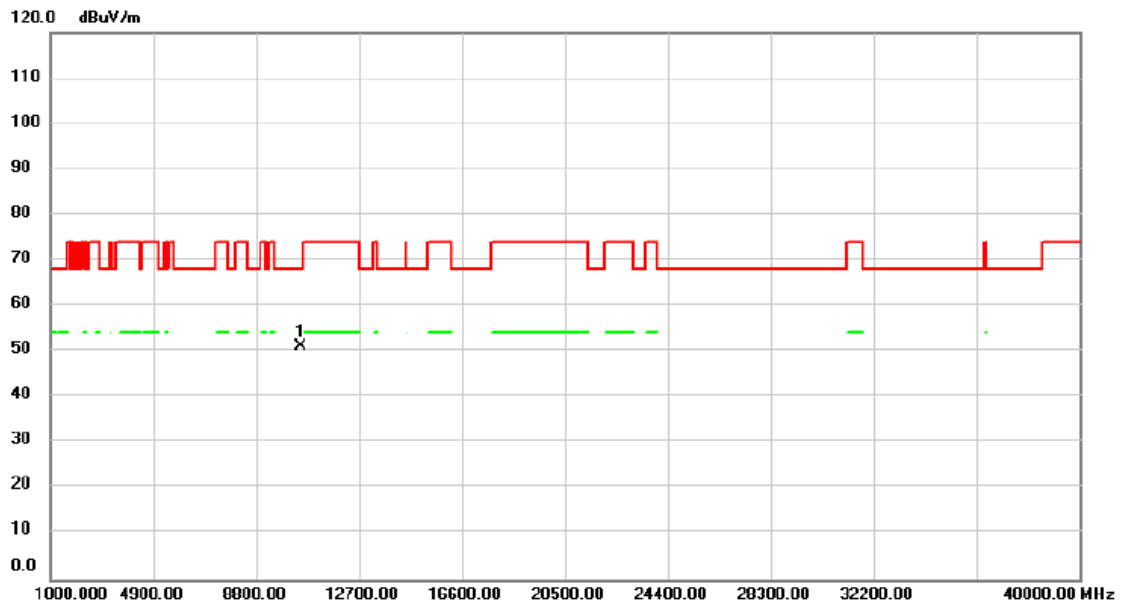


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10477.00	54.73	-0.47	54.26	68.20	-13.94	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5240MHz	Polarization	Horizontal

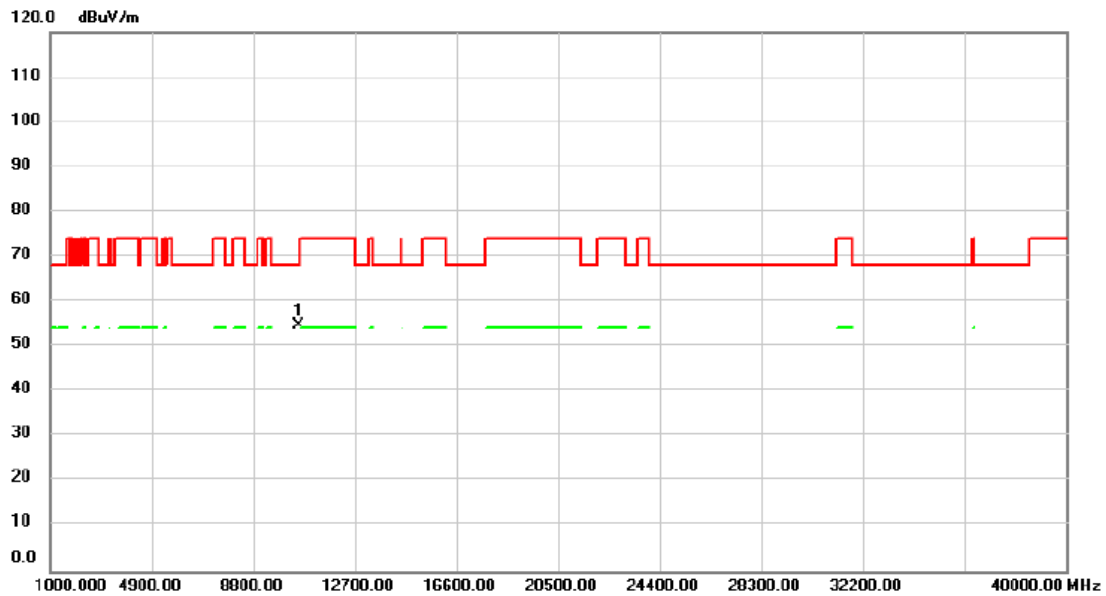


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10477.00	51.69	-0.47	51.22	68.20	-16.98	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5260MHz	Polarization	Vertical

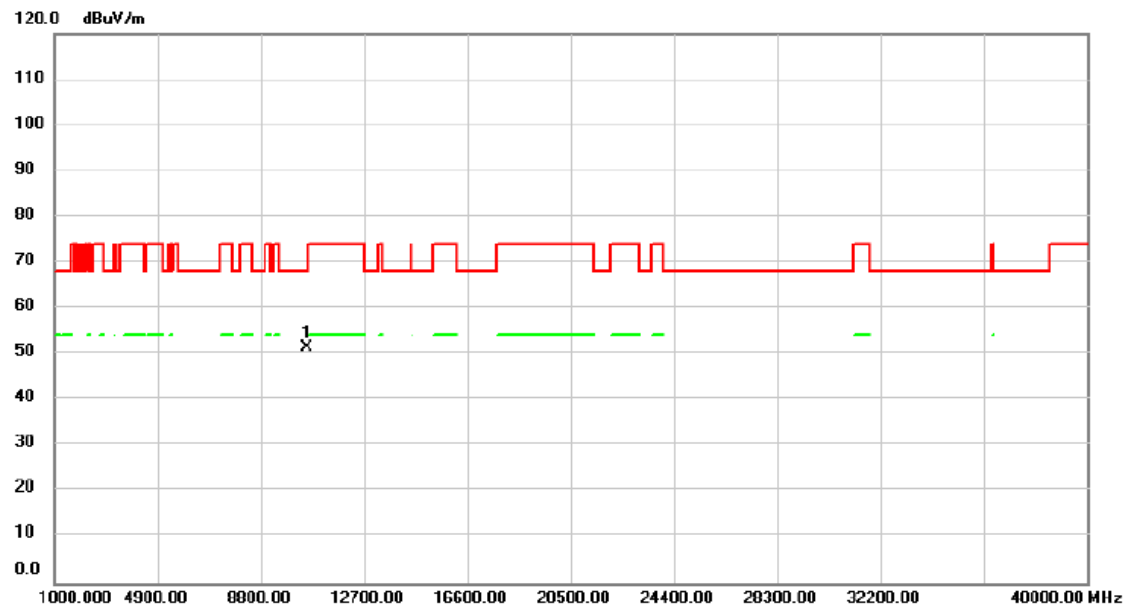


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10516.00	55.26	-0.44	54.82	68.20	-13.38	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5260MHz	Polarization	Horizontal

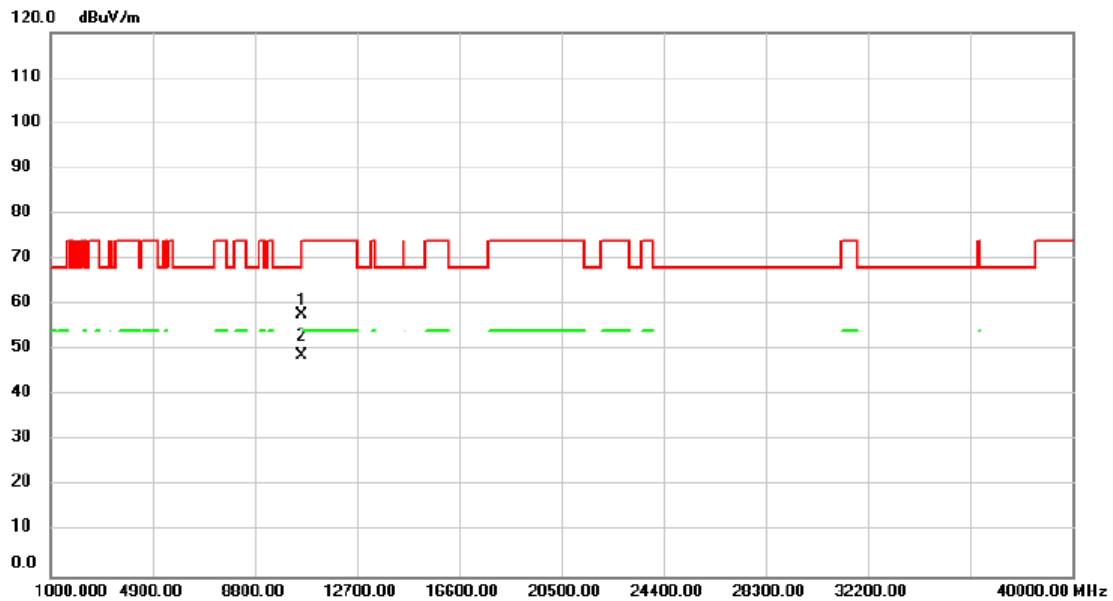


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10516.00	51.87	-0.44	51.43	68.20	-16.77	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5300MHz	Polarization	Vertical

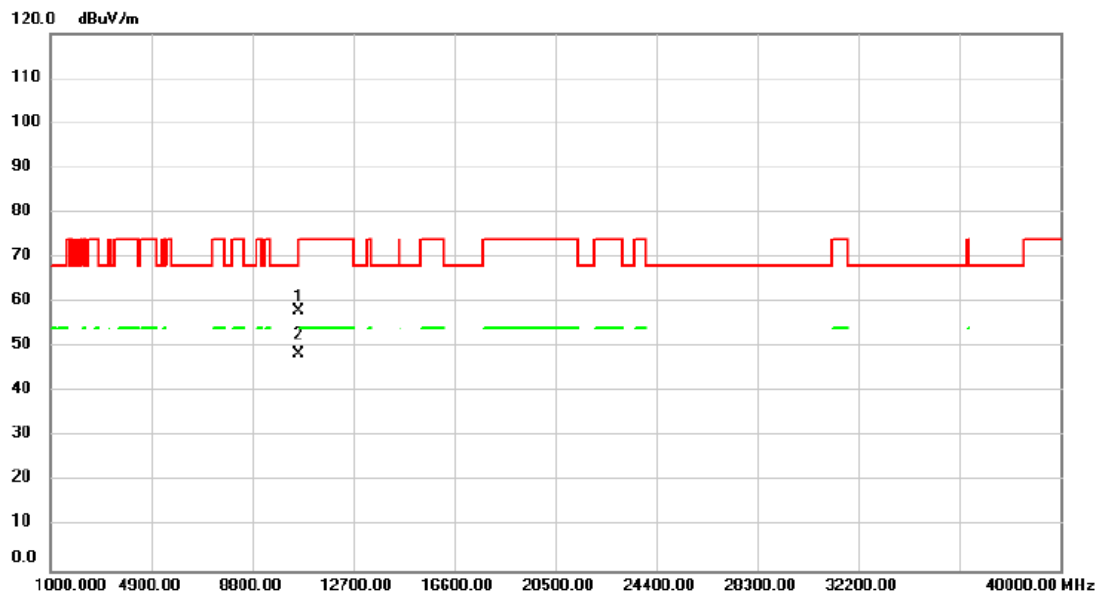


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	*	10594.00	58.28	-0.42	57.86	68.20	-10.34	peak		
2		10594.00	49.13	-0.42	48.71	68.20	-19.49	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5300MHz	Polarization	Horizontal

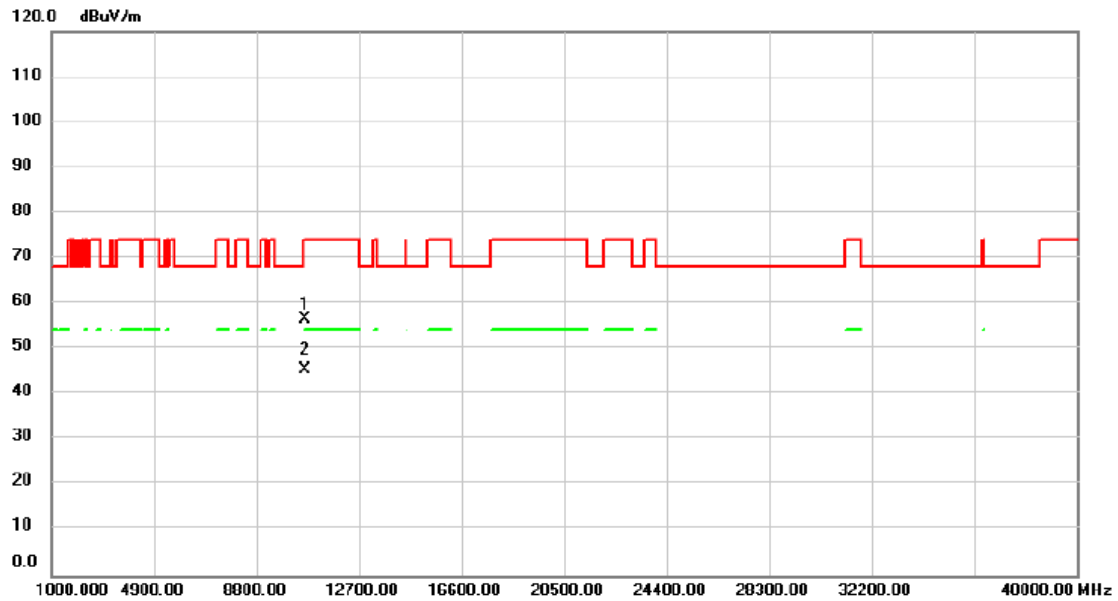


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	10594.00	58.55	-0.42	58.13	68.20	-10.07	peak		
2		10594.00	48.91	-0.42	48.49	68.20	-19.71	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5320MHz	Polarization	Vertical

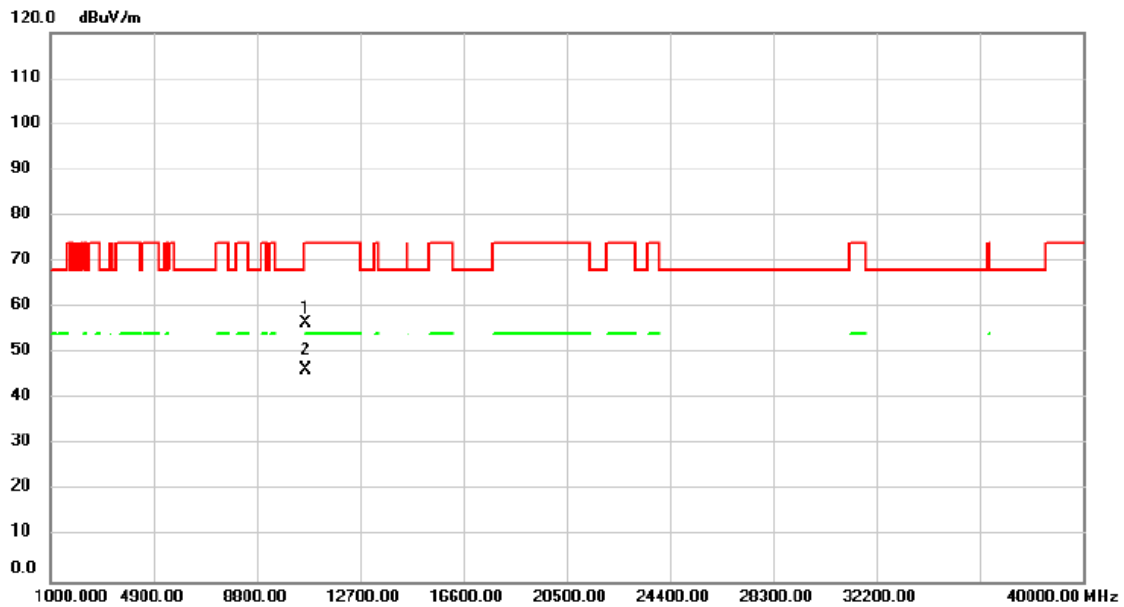


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		10633.00	56.95	-0.40	56.55	74.00	-17.45	peak		
2	*	10633.00	45.83	-0.40	45.43	54.00	-8.57	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5320MHz	Polarization	Horizontal

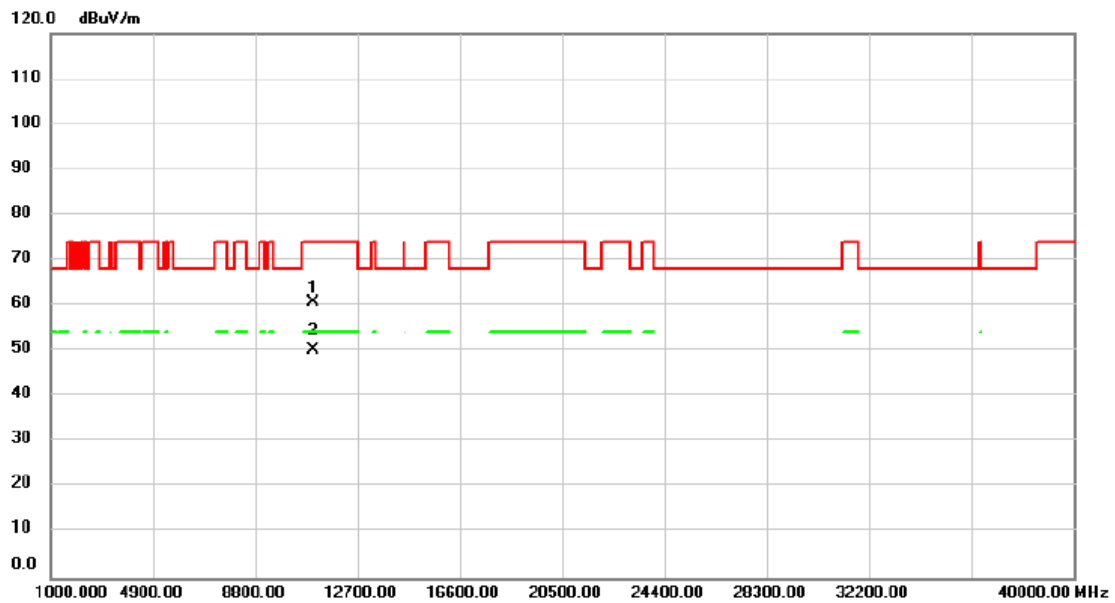


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		10633.00	56.83	-0.40	56.43	74.00	-17.57	peak		
2	*	10633.00	46.62	-0.40	46.22	54.00	-7.78	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5500MHz	Polarization	Vertical

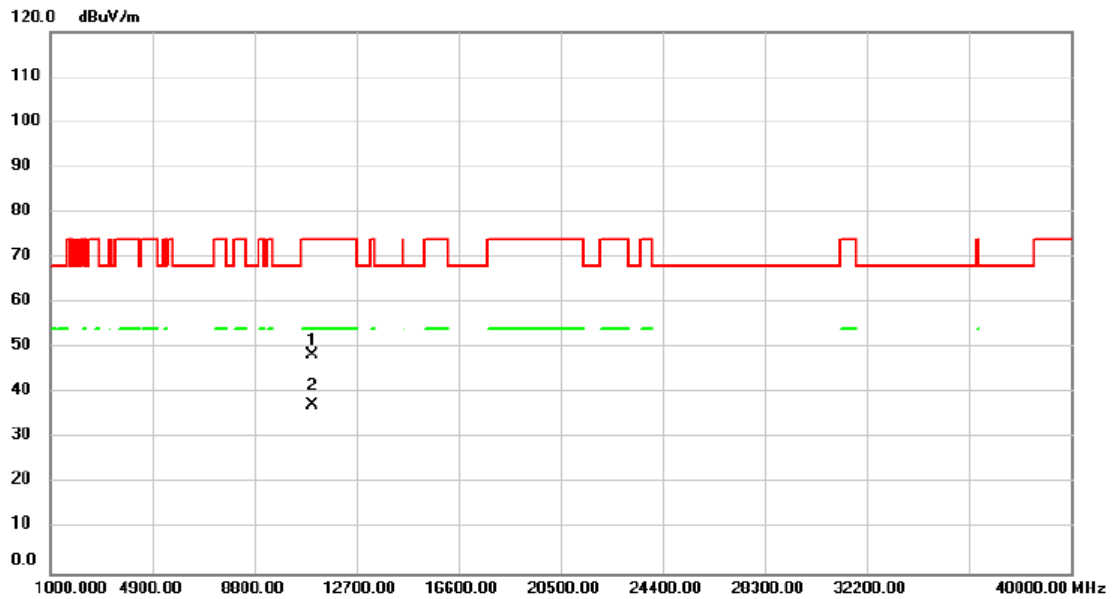


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10984.00	60.96	-0.28	60.68	74.00	-13.32			peak
2	*	10984.00	50.40	-0.28	50.12	54.00	-3.88			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5500MHz	Polarization	Horizontal

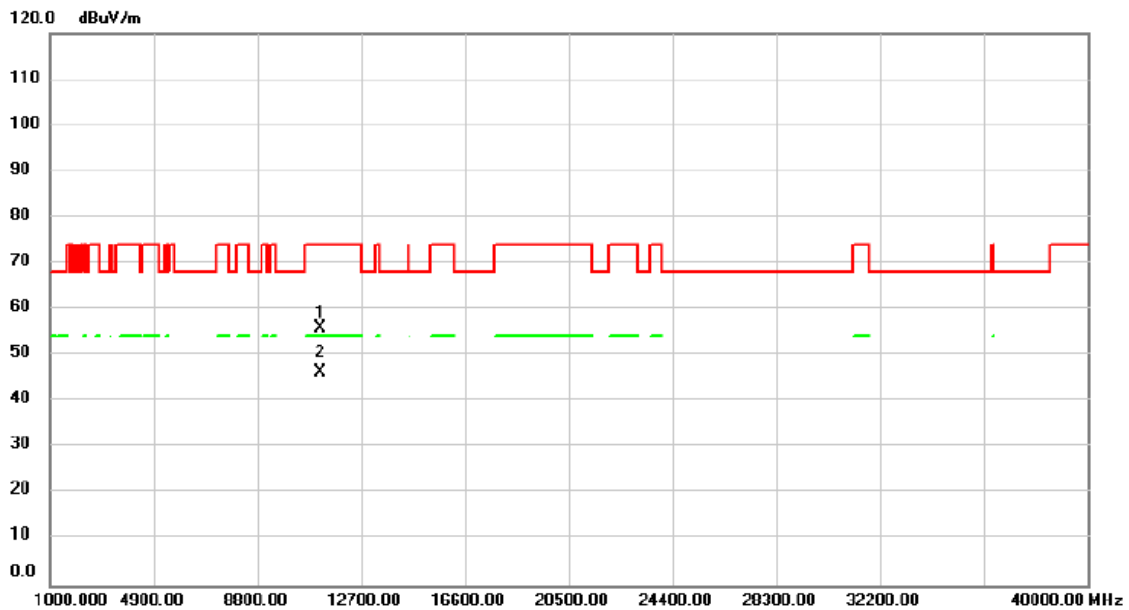


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10984.00	48.72	-0.28	48.44	74.00	-25.56	peak		
2	*	10984.00	37.70	-0.28	37.42	54.00	-16.58	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5580MHz	Polarization	Vertical

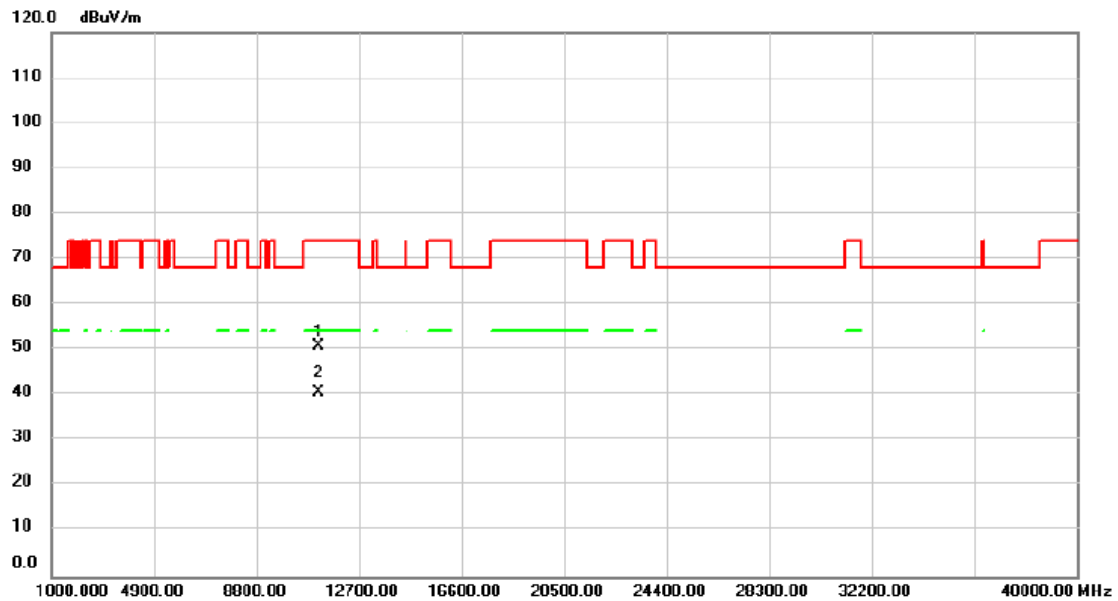


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11140.00	55.79	0.03	55.82	74.00	-18.18	peak		
2	*	11140.00	46.35	0.03	46.38	54.00	-7.62	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5580MHz	Polarization	Horizontal

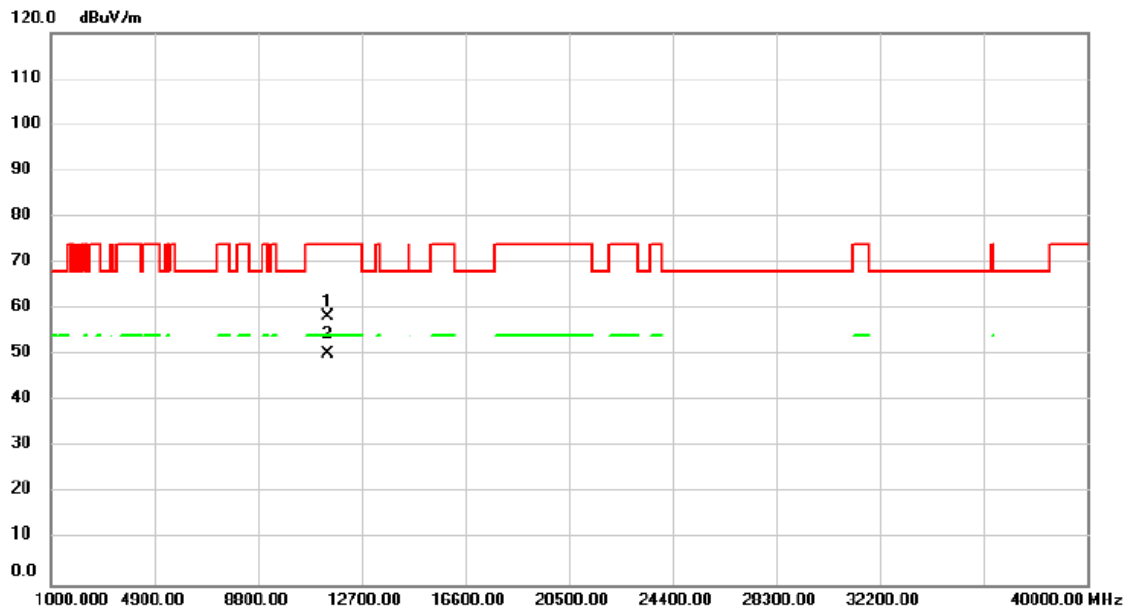


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11160.00	50.77	0.08	50.85	74.00	-23.15	peak		
2	*	11160.00	40.57	0.08	40.65	54.00	-13.35	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5700MHz	Polarization	Vertical

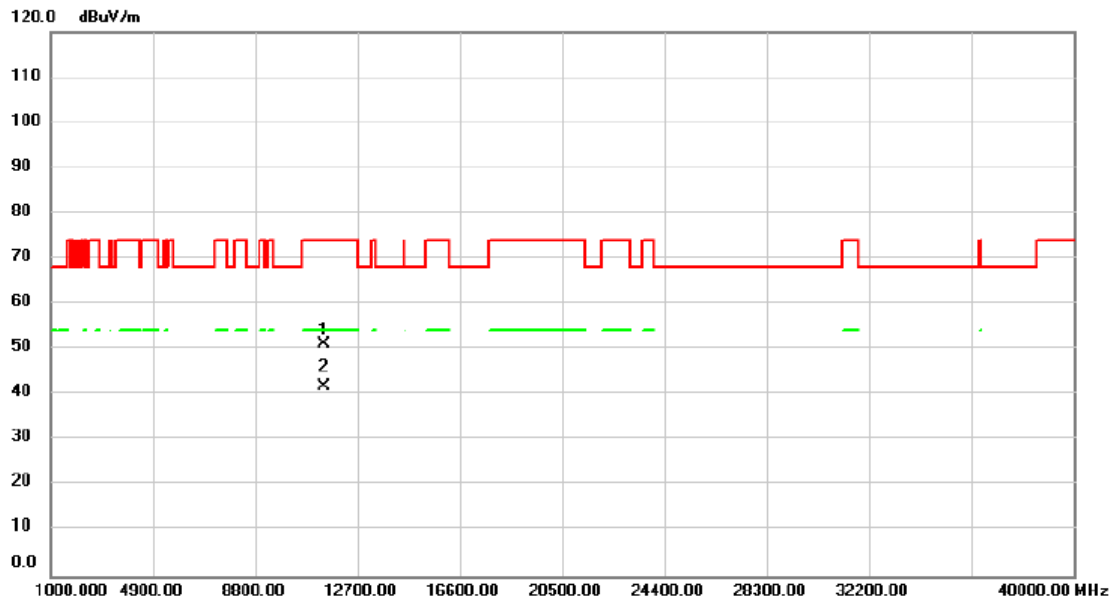


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11413.00	57.81	0.64	58.45	74.00	-15.55	peak		
2	*	11413.00	49.66	0.64	50.30	54.00	-3.70	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5700MHz	Polarization	Horizontal

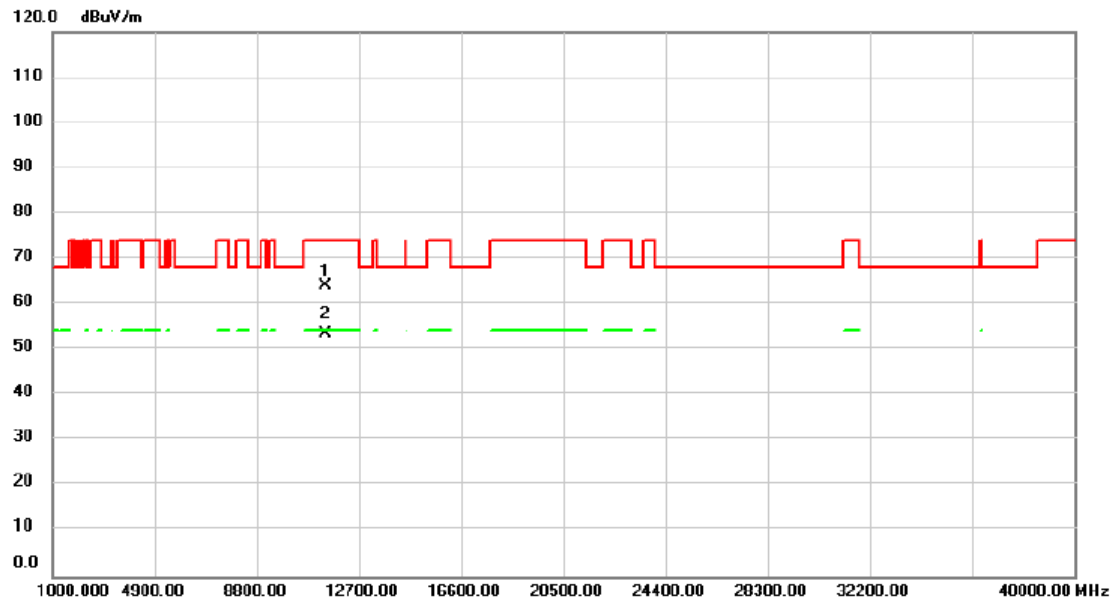


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11400.00	50.44	0.61	51.05	74.00	-22.95	peak		
2	*	11400.00	41.10	0.61	41.71	54.00	-12.29	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5720MHz	Polarization	Vertical

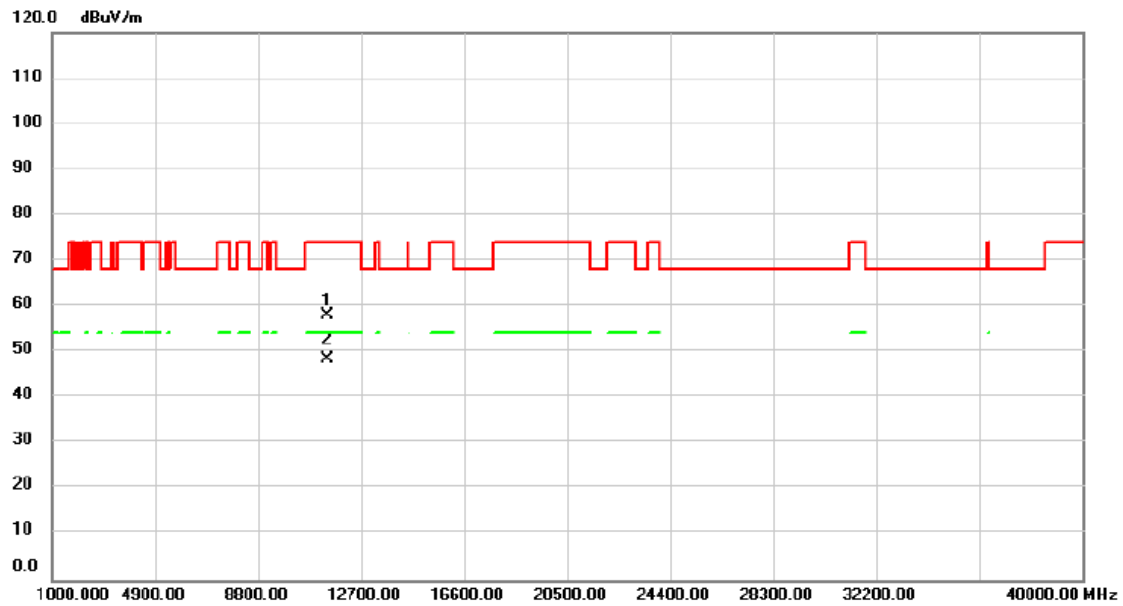


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11440.00	53.47	10.70	64.17	74.00	-9.83			peak
2	*	11440.00	42.92	10.70	53.62	54.00	-0.38			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5720MHz	Polarization	Horizontal

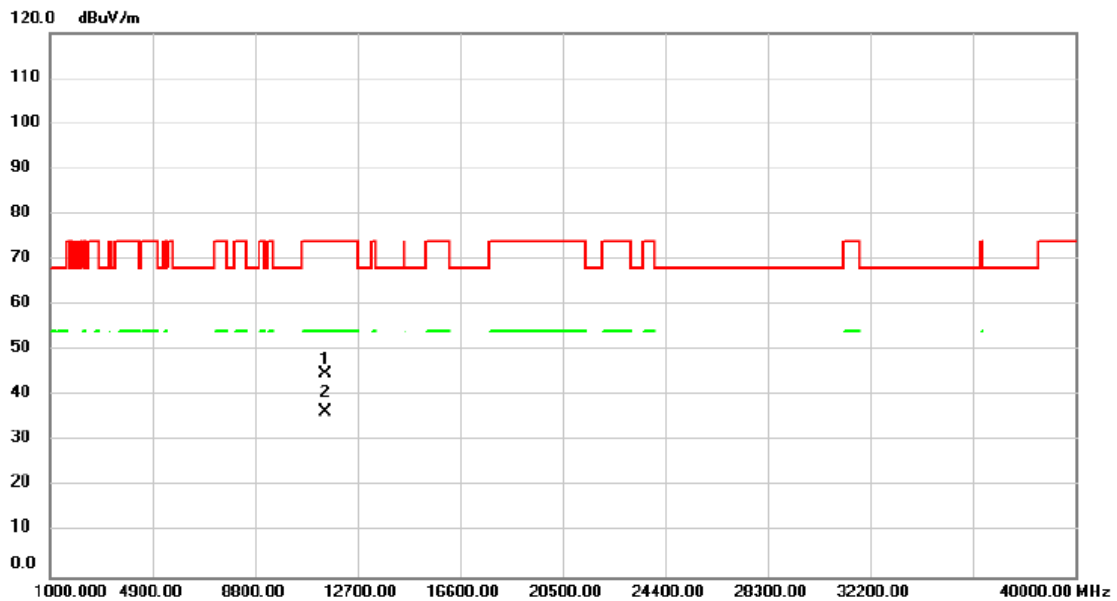


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11440.00	47.36	10.70	58.06	74.00	-15.94	peak		
2	*	11440.00	37.87	10.70	48.57	54.00	-5.43	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5745MHz	Polarization	Vertical

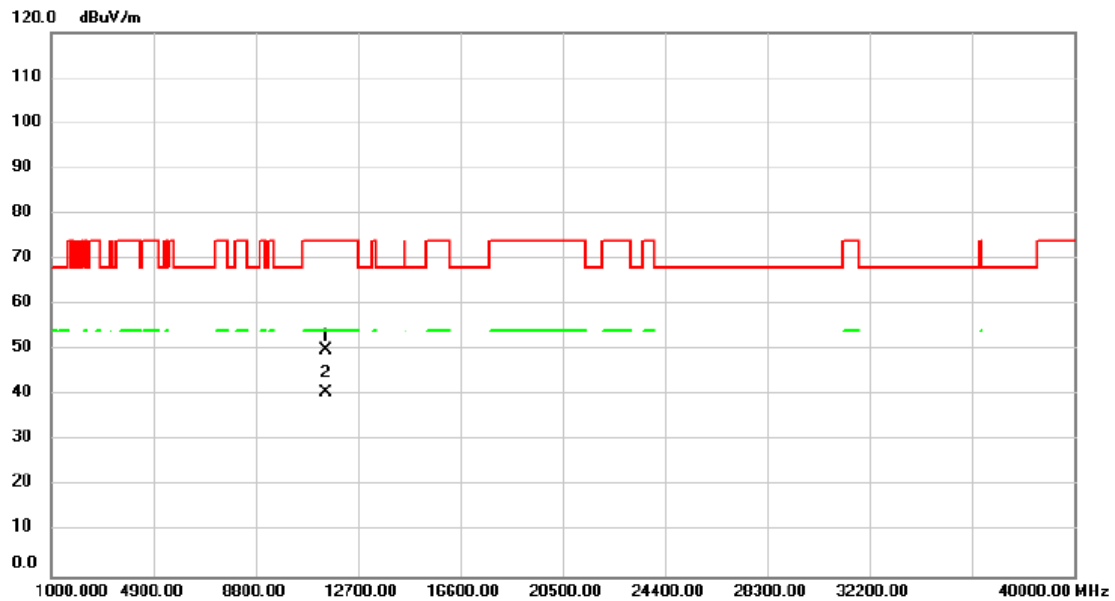


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11490.00	44.06	0.82	44.88	74.00	-29.12	peak		
2	*	11490.00	35.68	0.82	36.50	54.00	-17.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5745MHz	Polarization	Horizontal

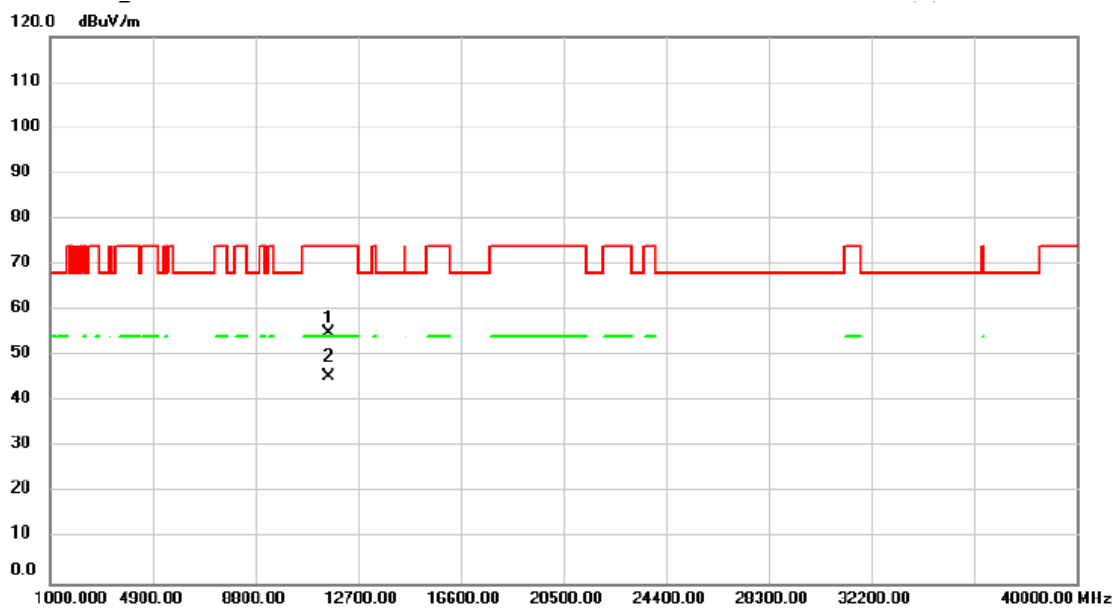


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11491.00	49.17	0.82	49.99	74.00	-24.01			peak
2	*	11491.00	39.96	0.82	40.78	54.00	-13.22			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5785MHz	Polarization	Vertical

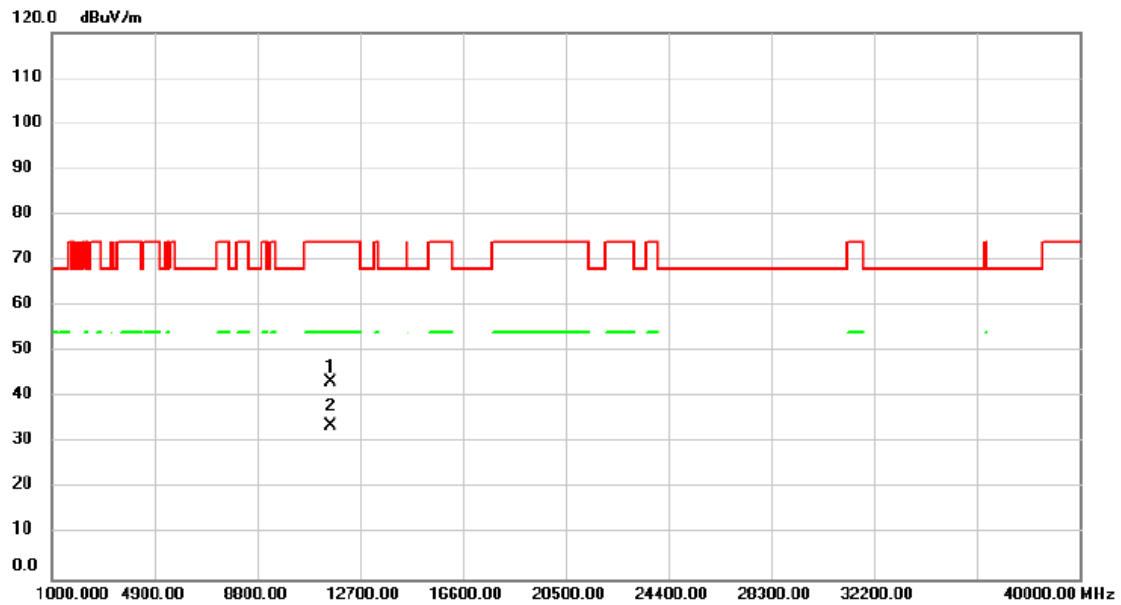


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11569.00	54.18	0.83	55.01	74.00	-18.99	peak		
2	*	11569.00	44.72	0.83	45.55	54.00	-8.45	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/24
Test Frequency	5785MHz	Polarization	Horizontal

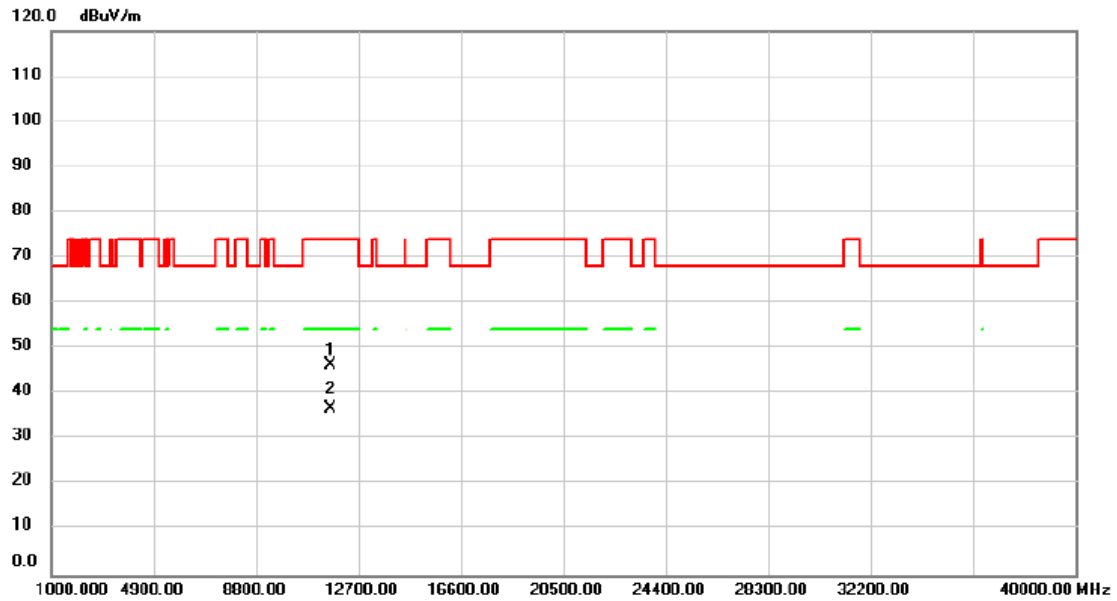


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11569.00	42.37	0.83	43.20	74.00	-30.80			peak
2	*	11569.00	32.77	0.83	33.60	54.00	-20.40			AVG

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/25
Test Frequency	5825MHz	Polarization	Vertical

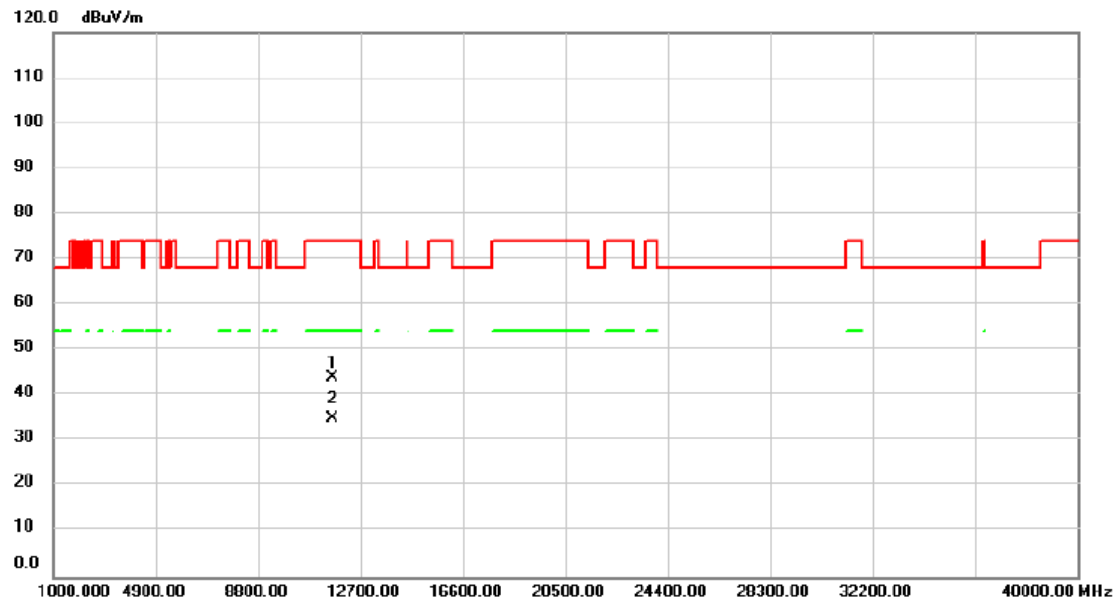


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		11647.00	45.55	0.83	46.38	74.00	-27.62	peak			
2	*	11647.00	35.85	0.83	36.68	54.00	-17.32	AVG			

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/6/25
Test Frequency	5825MHz	Polarization	Horizontal

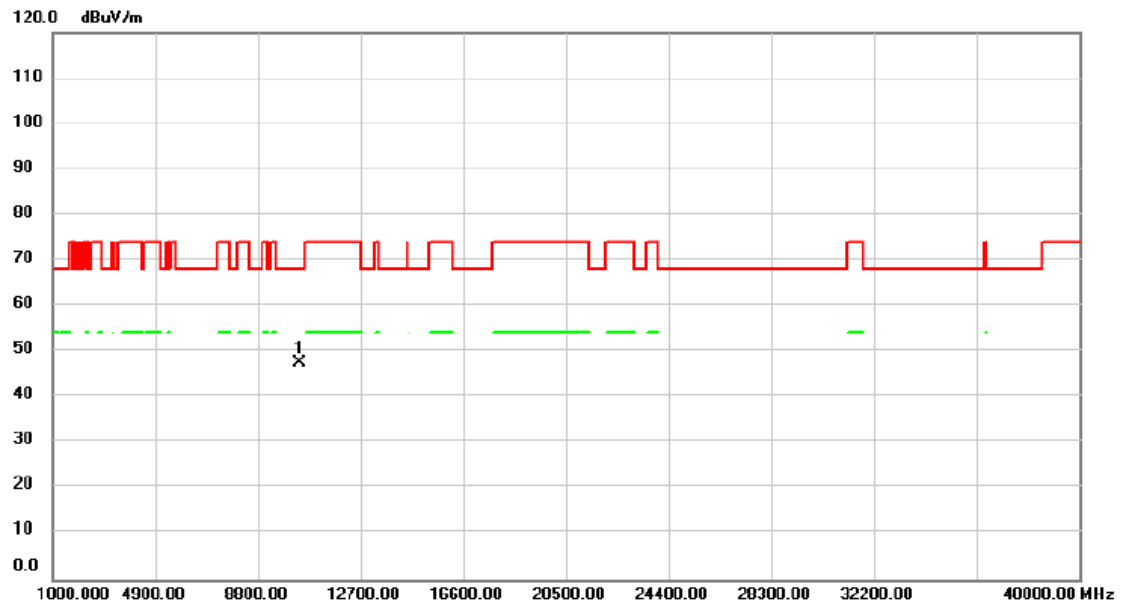


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11647.00	42.98	0.83	43.81	74.00	-30.19	peak		
2	*	11647.00	34.07	0.83	34.90	54.00	-19.10	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5180MHz	Polarization	Vertical

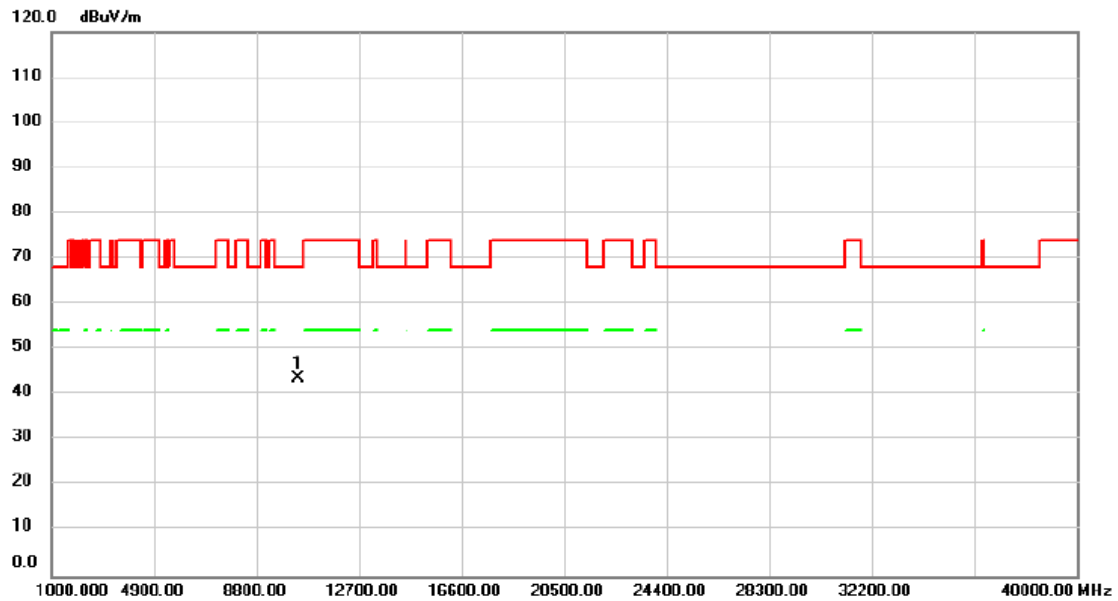


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.00	48.08	-0.60	47.48	68.20	-20.72			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5180MHz	Polarization	Horizontal

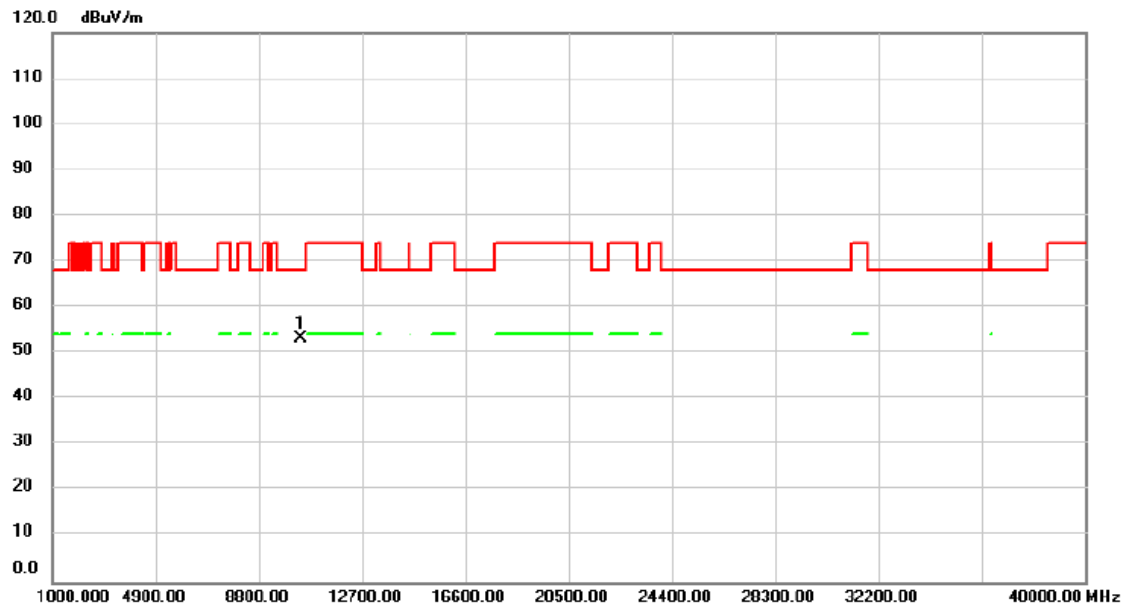


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.00	44.32	-0.60	43.72	68.20	-24.48	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5200MHz	Polarization	Vertical

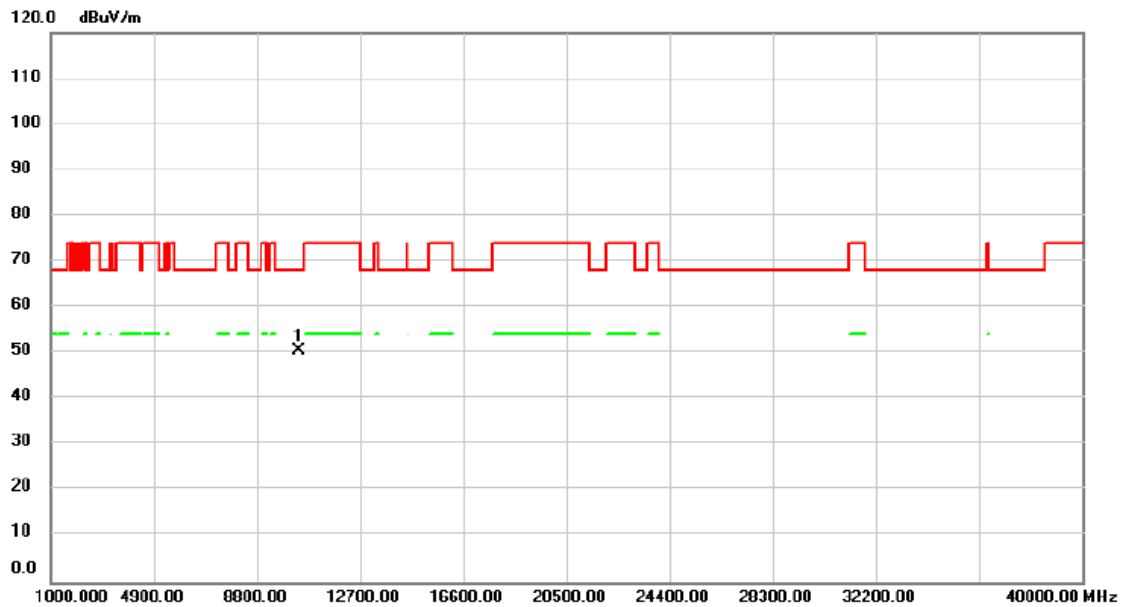


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10399.00	53.93	-0.55	53.38	68.20	-14.82	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5200MHz	Polarization	Horizontal

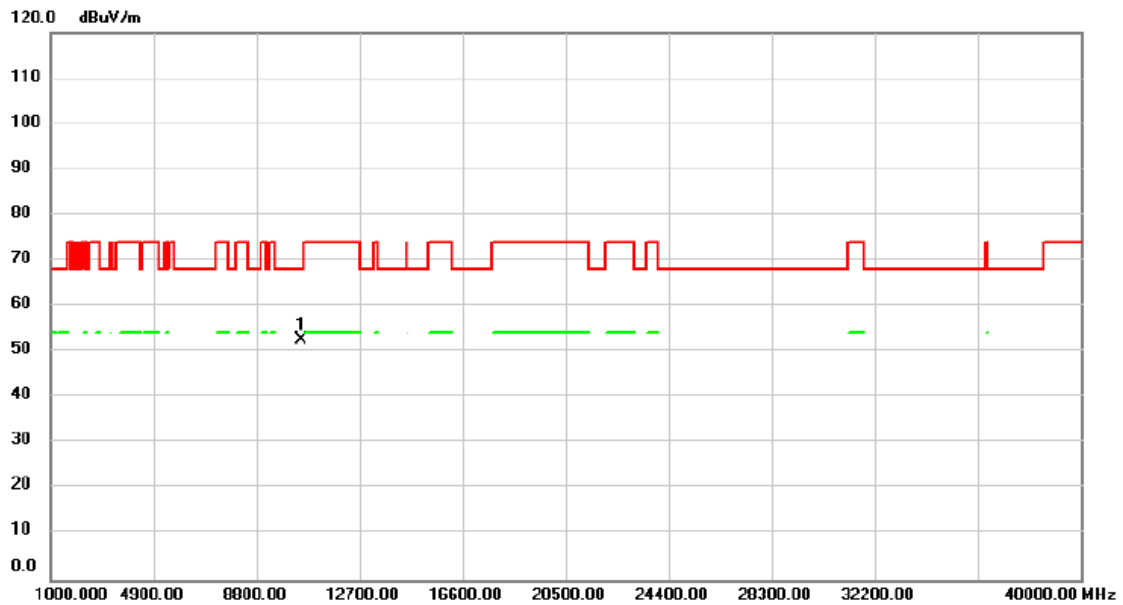


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10399.00	51.18	-0.55	50.63	68.20	-17.57			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5240MHz	Polarization	Vertical

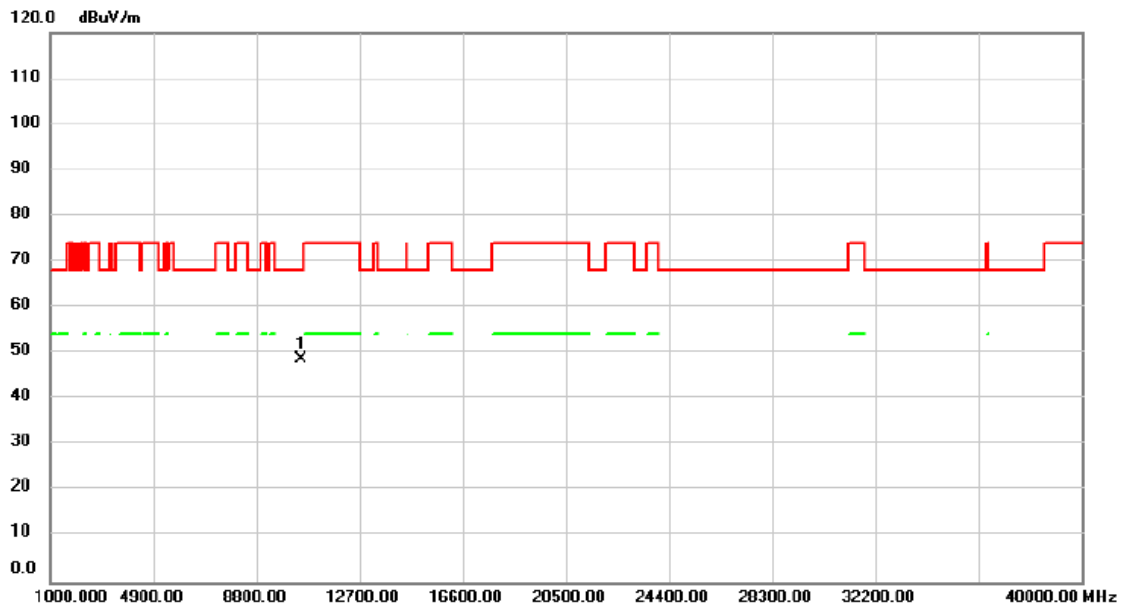


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10477.00	53.12	-0.47	52.65	68.20	-15.55	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5240MHz	Polarization	Horizontal

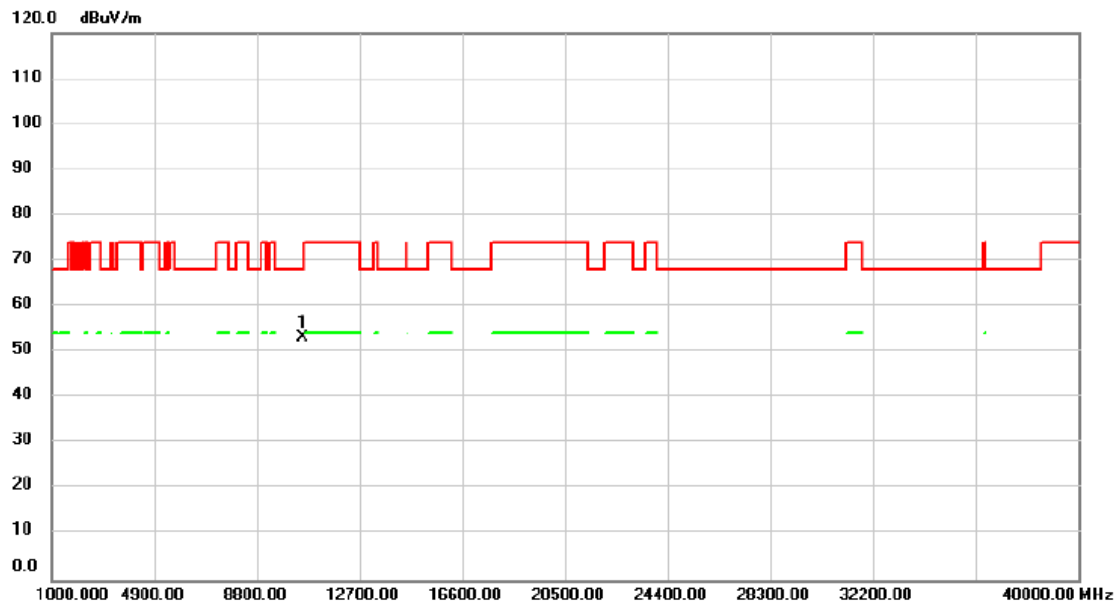


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10477.00	49.16	-0.47	48.69	68.20	-19.51	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5260MHz	Polarization	Vertical

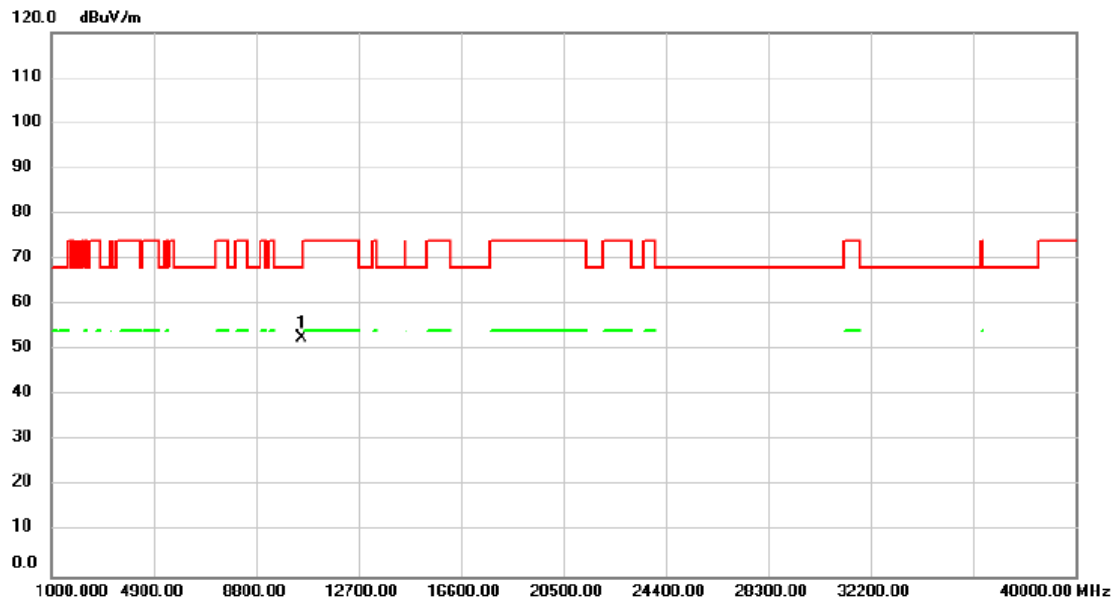


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10516.00	53.80	-0.44	53.36	68.20	-14.84	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5260MHz	Polarization	Horizontal

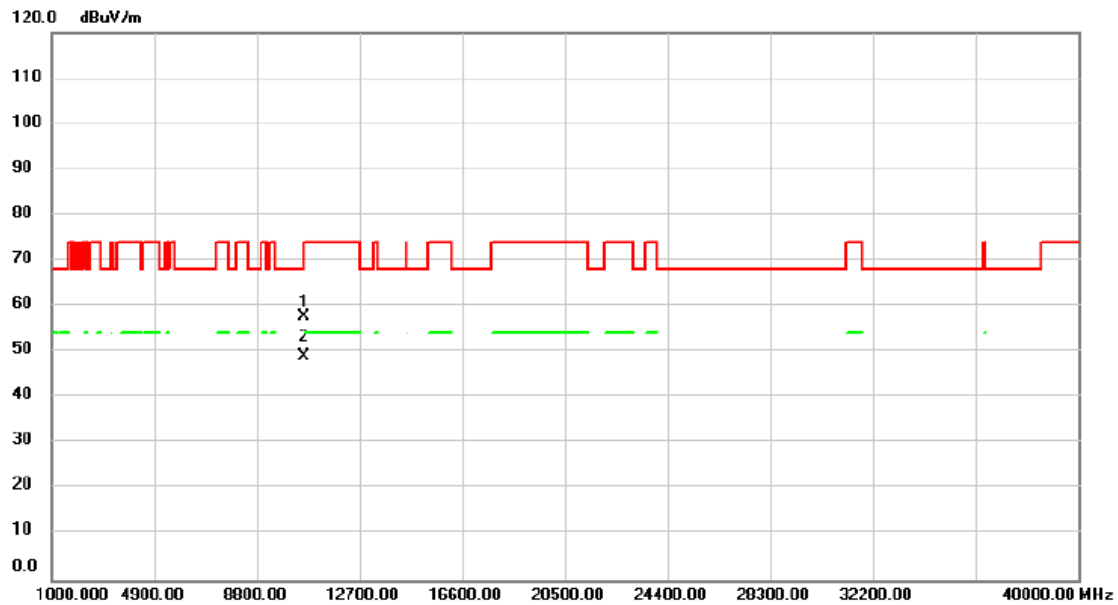


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10516.00	53.12	-0.44	52.68	68.20	-15.52	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5300MHz	Polarization	Vertical

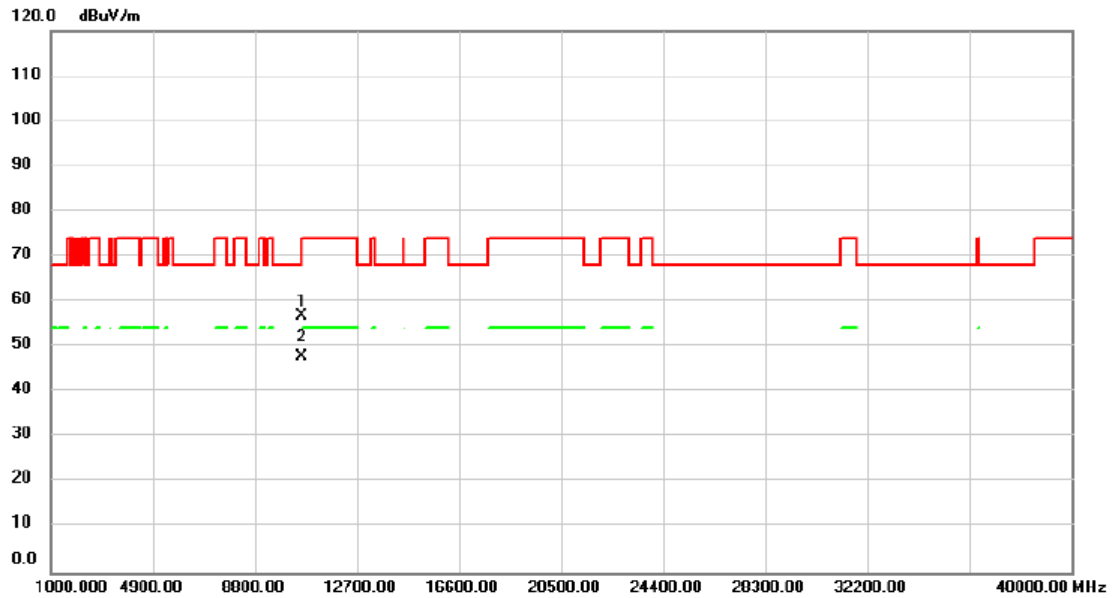


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10594.00	58.10	-0.42	57.68	68.20	-10.52	peak		
2		10594.00	49.49	-0.42	49.07	68.20	-19.13	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5300MHz	Polarization	Horizontal

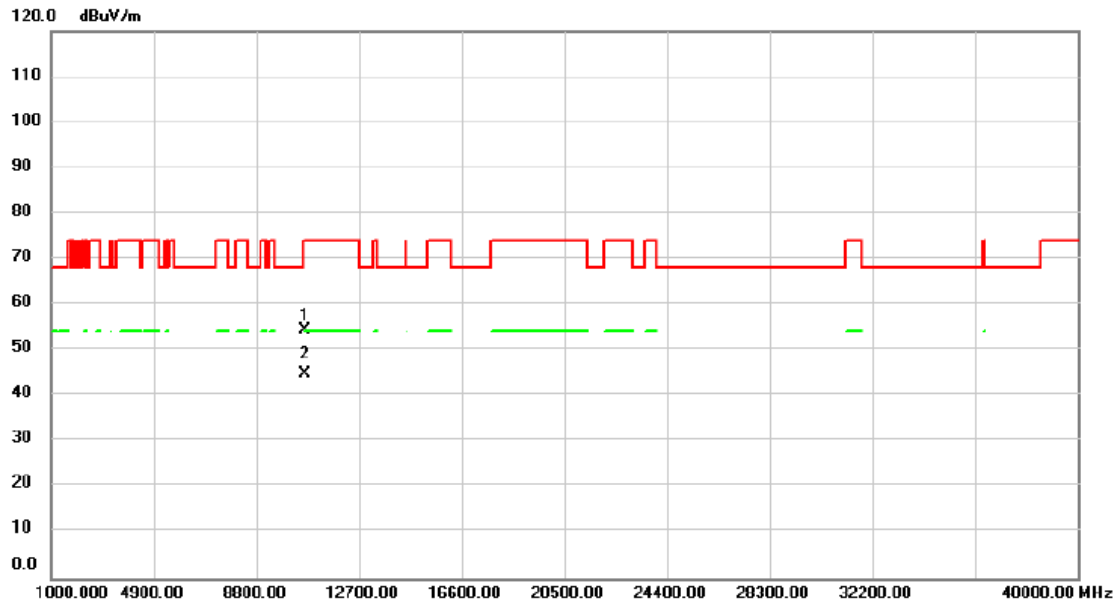


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10594.00	57.35	-0.42	56.93	68.20	-11.27			peak
2		10594.00	48.13	-0.42	47.71	68.20	-20.49			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5320MHz	Polarization	Vertical

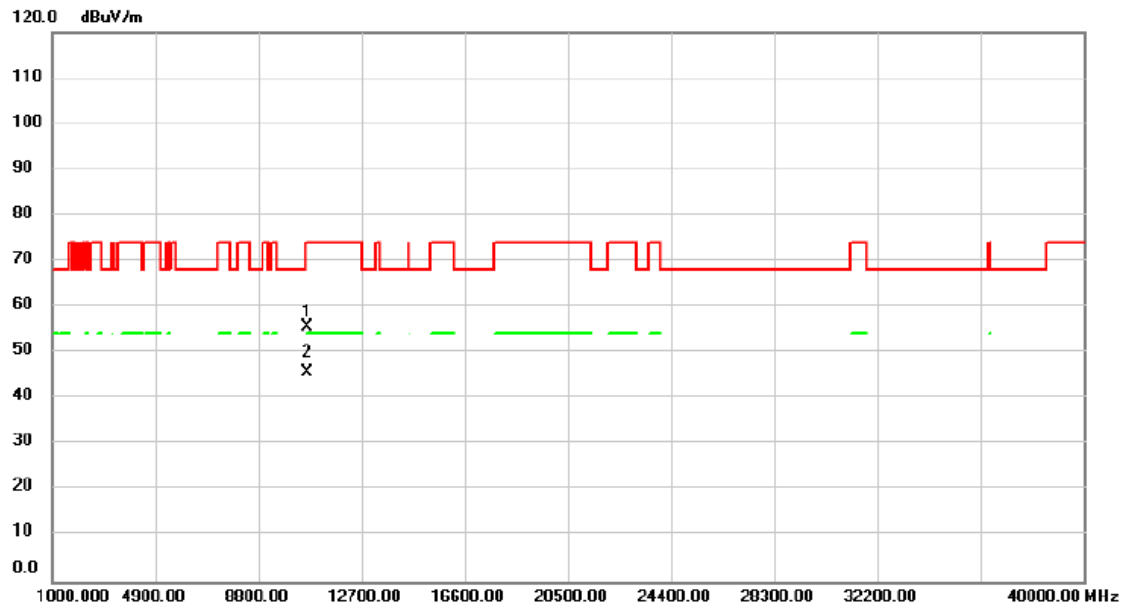


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		10633.00	54.90	-0.40	54.50	74.00	-19.50			peak
2	*	10633.00	45.28	-0.40	44.88	54.00	-9.12			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5320MHz	Polarization	Horizontal

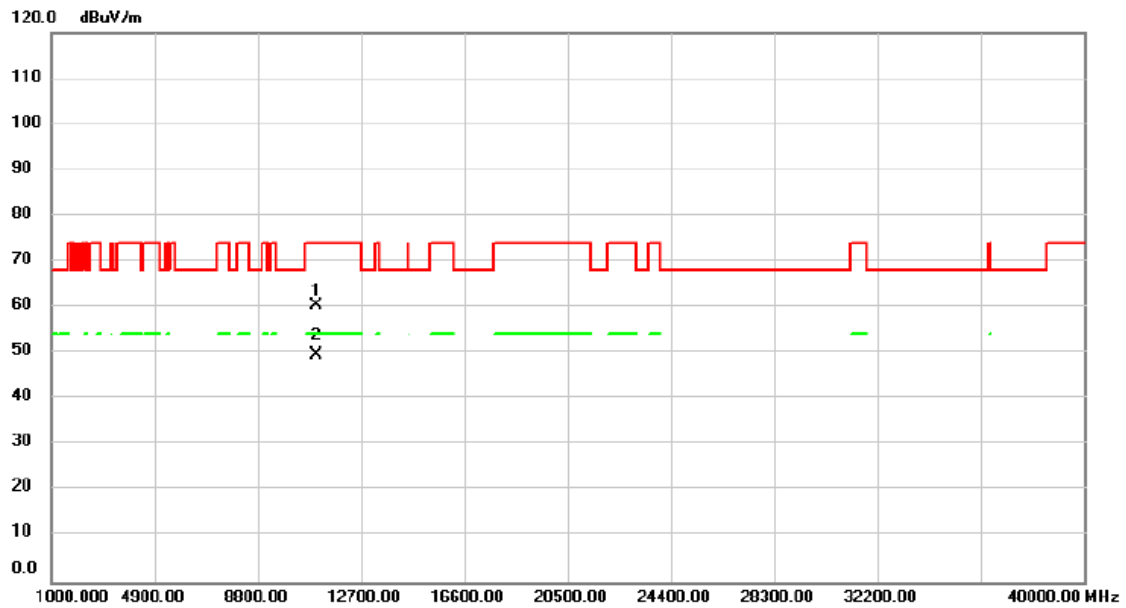


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10633.00	55.92	-0.40	55.52	74.00	-18.48	peak		
2	*	10633.00	46.11	-0.40	45.71	54.00	-8.29	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5500MHz	Polarization	Vertical

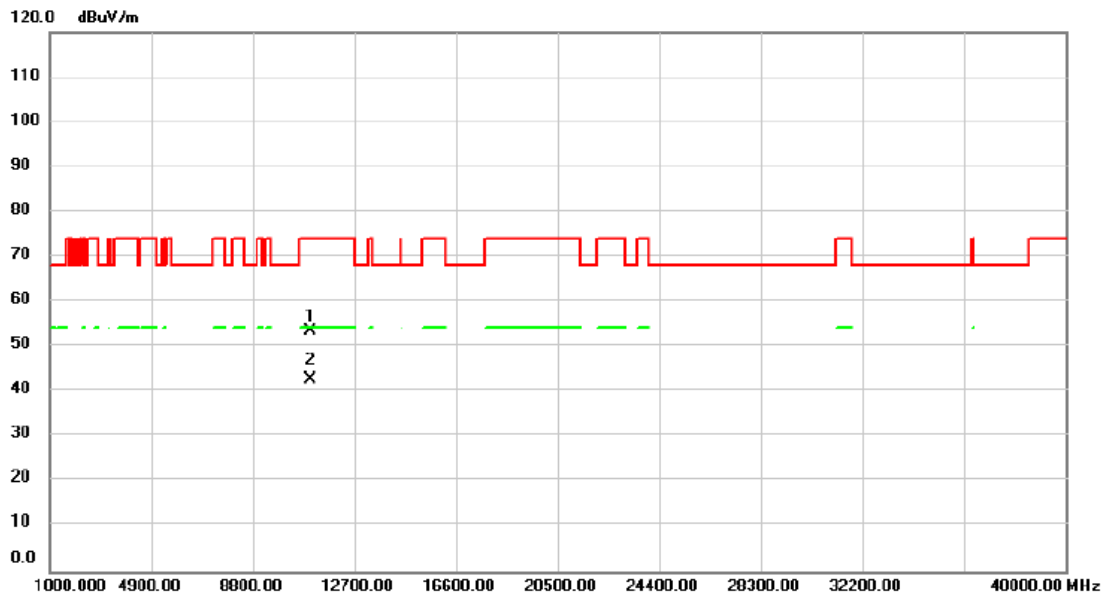


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10984.00	60.60	-0.28	60.32	74.00	-13.68	peak		
2	*	10984.00	49.83	-0.28	49.55	54.00	-4.45	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5500MHz	Polarization	Horizontal

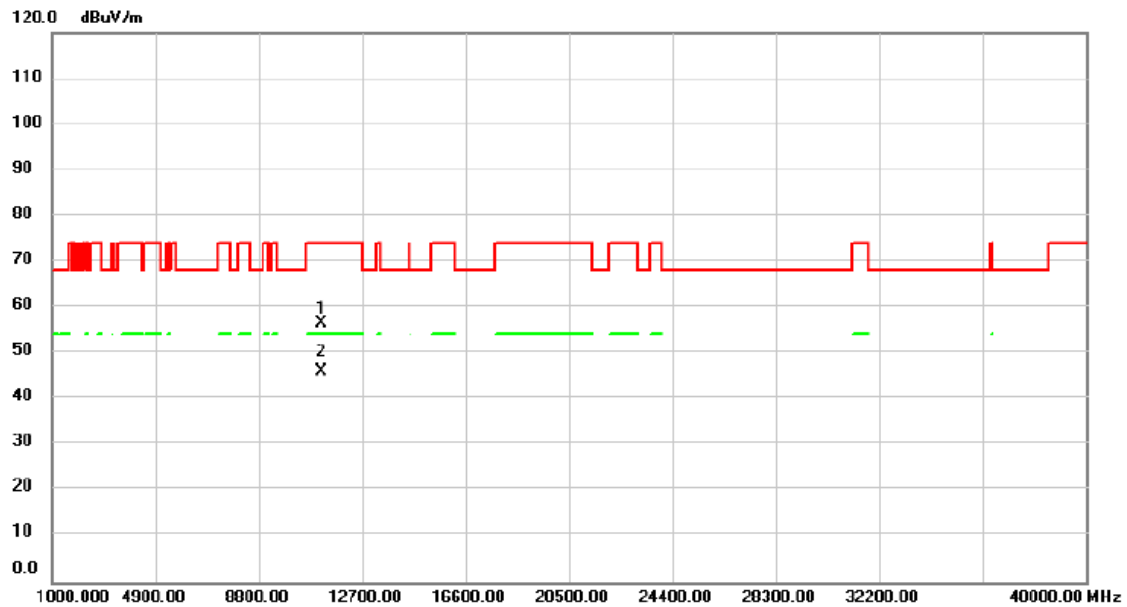


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		10984.00	53.81	-0.28	53.53	74.00	-20.47	peak			
2	*	10984.00	43.08	-0.28	42.80	54.00	-11.20	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5580MHz	Polarization	Vertical

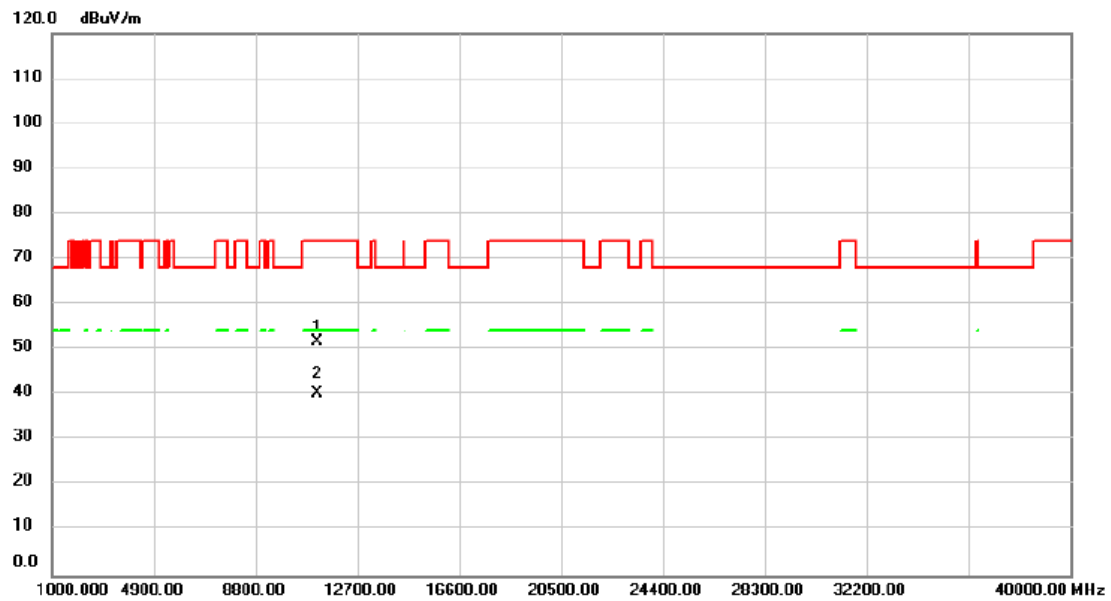


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11160.00	56.58	0.08	56.66	74.00	-17.34	peak		
2	*	11160.00	45.90	0.08	45.98	54.00	-8.02	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5580MHz	Polarization	Horizontal

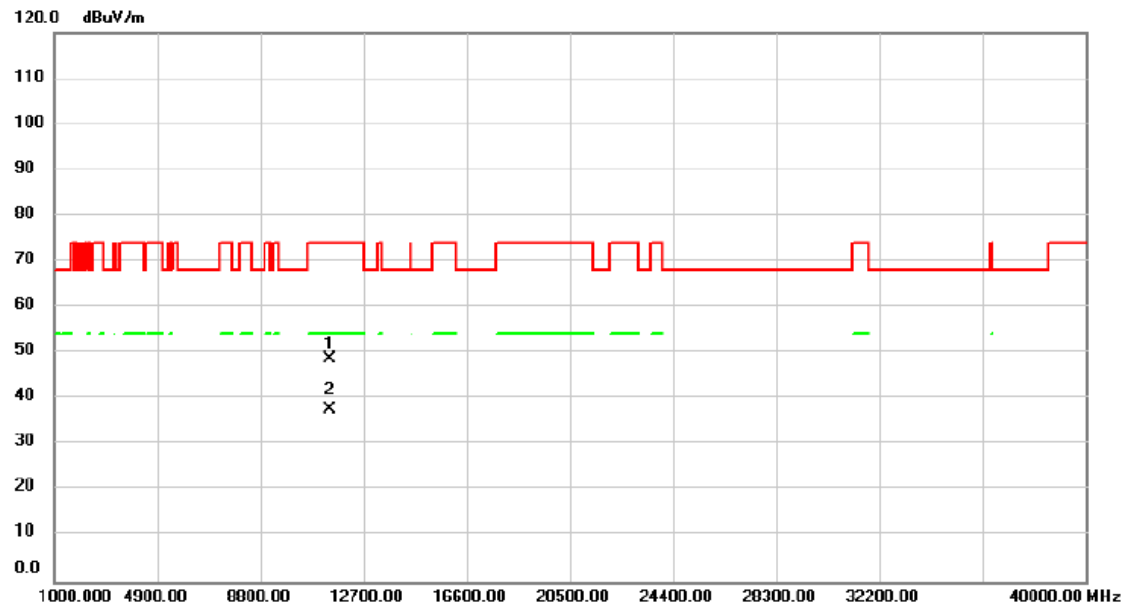


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11179.00	51.78	0.12	51.90	74.00	-22.10	peak		
2	*	11179.00	40.38	0.12	40.50	54.00	-13.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5700MHz	Polarization	Vertical

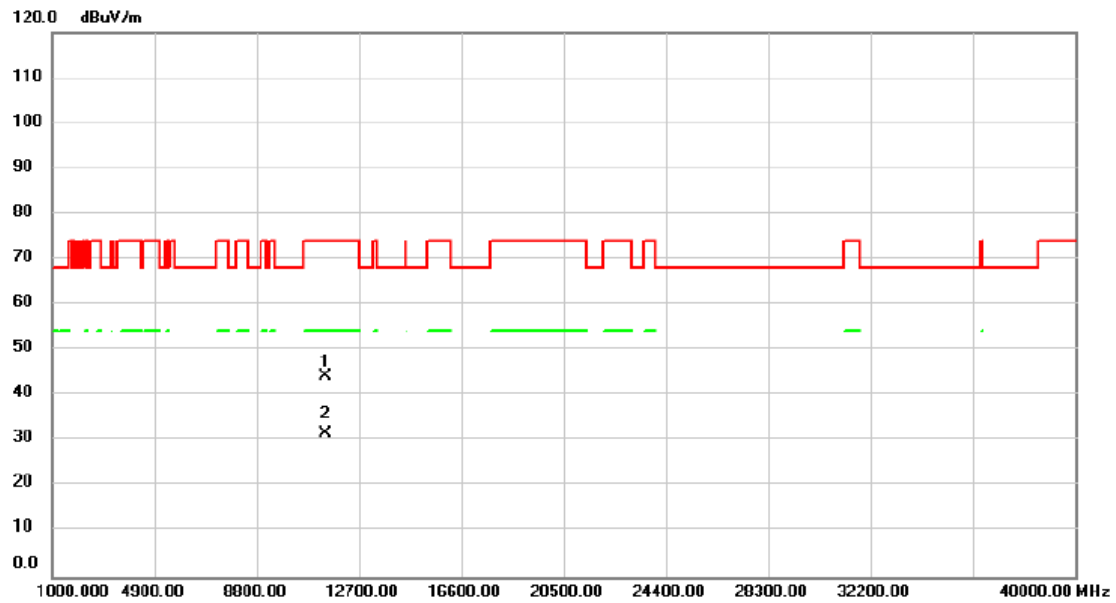


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11400.00	48.24	0.61	48.85	74.00	-25.15	peak		
2	*	11400.00	36.94	0.61	37.55	54.00	-16.45	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5700MHz	Polarization	Horizontal

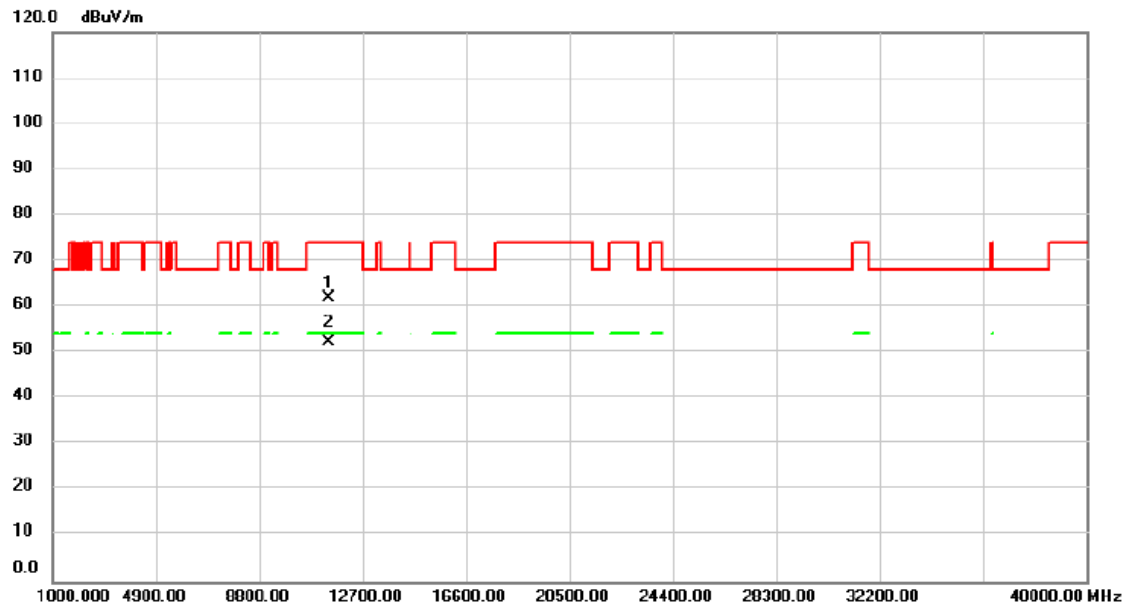


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11413.00	43.63	0.64	44.27	74.00	-29.73	peak		
2	*	11413.00	31.11	0.64	31.75	54.00	-22.25	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/7/19
Test Frequency	5720MHz	Polarization	Vertical



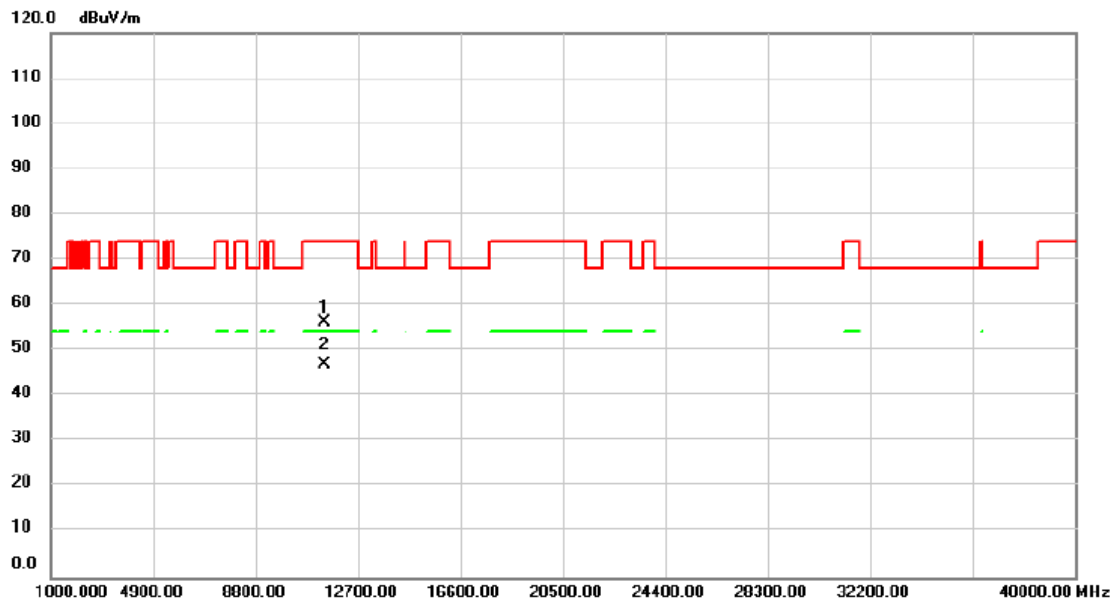
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11440.00	51.16	10.70	61.86	74.00	-12.14	peak		
2	*	11440.00	41.75	10.70	52.45	54.00	-1.55	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/7/19
Test Frequency	5720MHz	Polarization	Horizontal

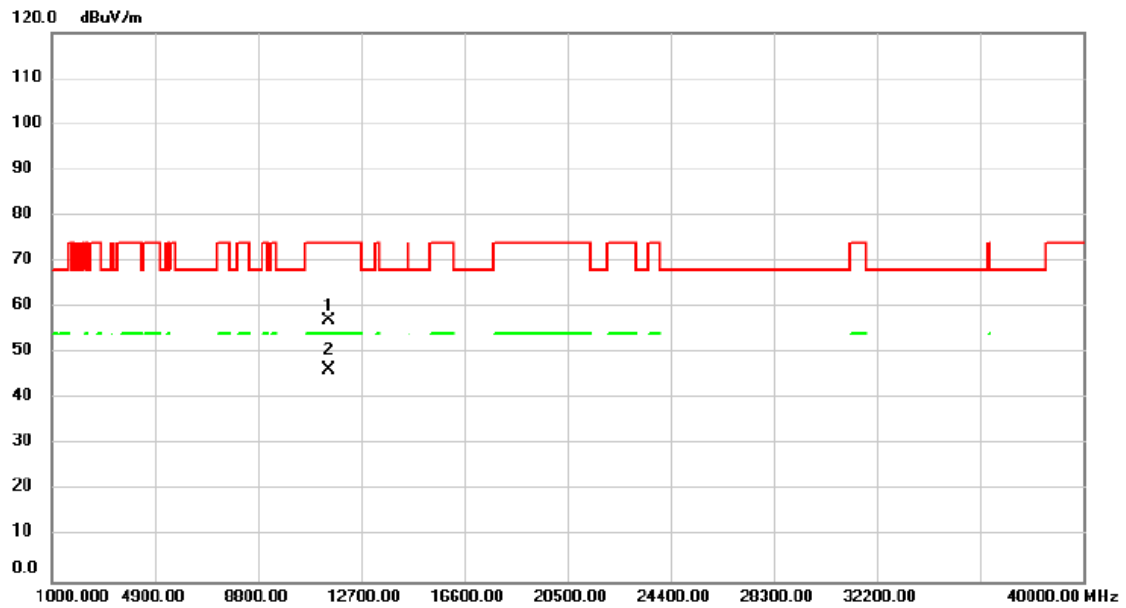


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11440.00	45.52	10.70	56.22	74.00	-17.78			peak
2	*	11440.00	36.26	10.70	46.96	54.00	-7.04			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5745MHz	Polarization	Vertical

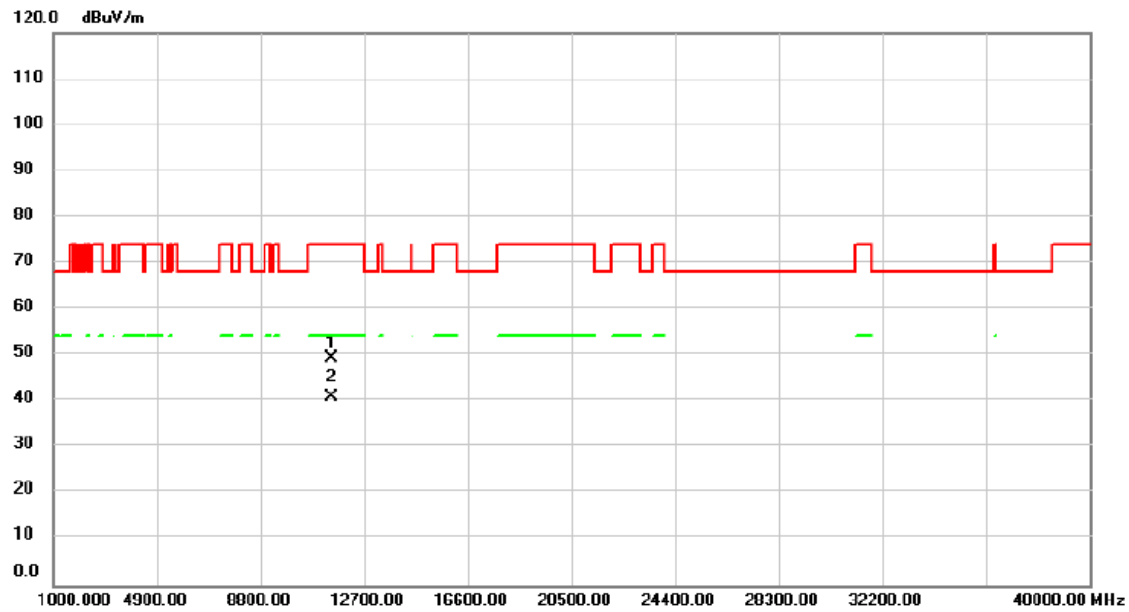


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11490.00	56.19	0.82	57.01	74.00	-16.99			peak
2	*	11490.00	45.39	0.82	46.21	54.00	-7.79			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5745MHz	Polarization	Horizontal

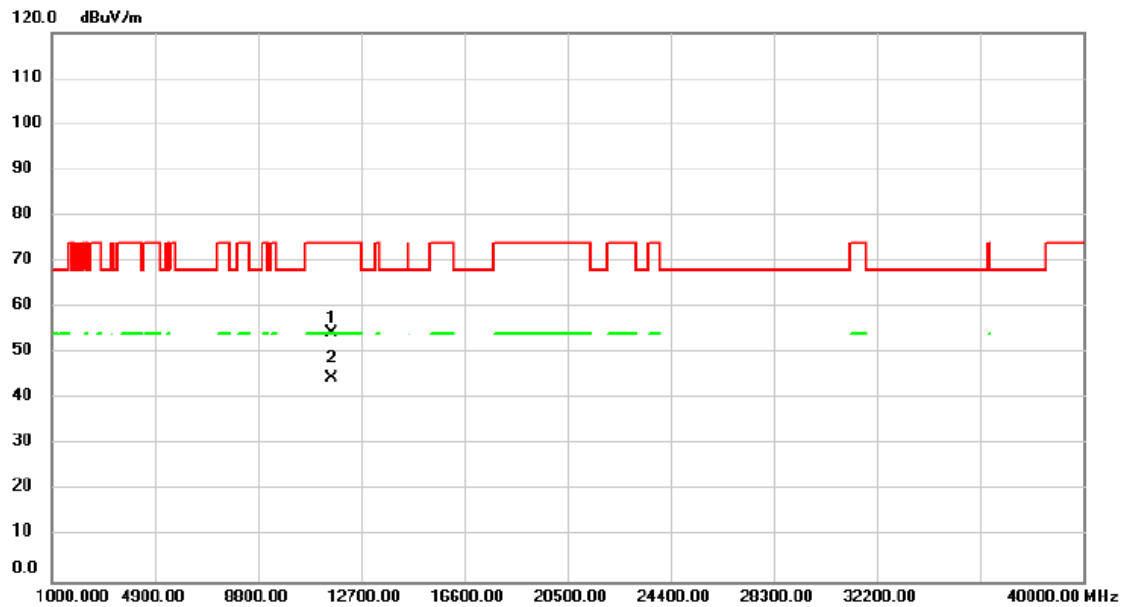


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11490.00	48.53	0.82	49.35	74.00	-24.65	peak		
2	*	11490.00	40.02	0.82	40.84	54.00	-13.16	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5785MHz	Polarization	Vertical

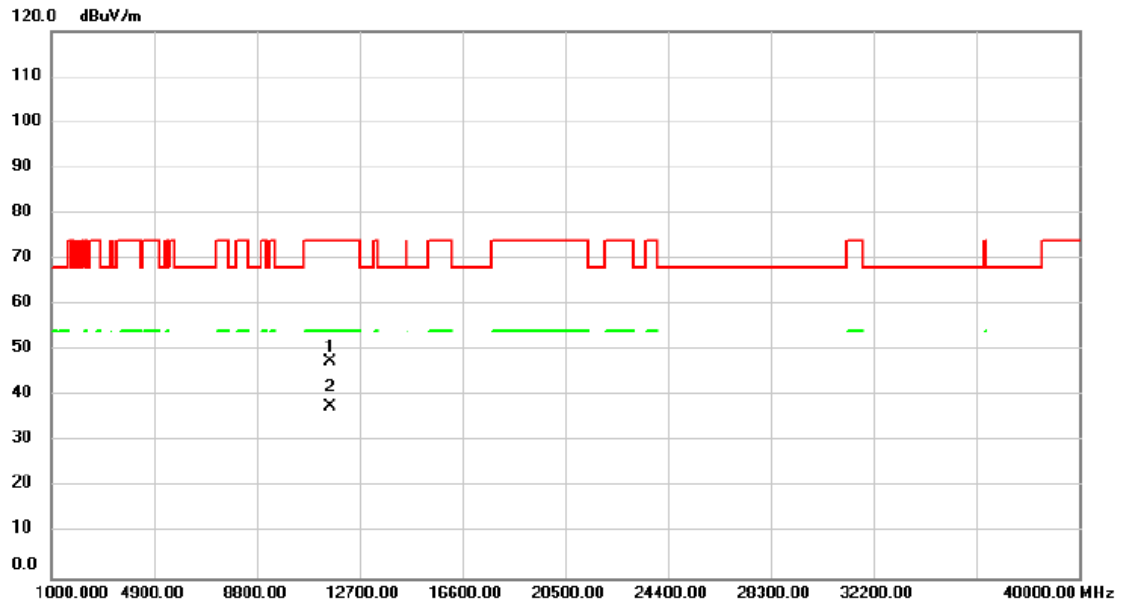


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11569.00	53.70	0.83	54.53	74.00	-19.47			peak
2	*	11569.00	43.77	0.83	44.60	54.00	-9.40			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5785MHz	Polarization	Horizontal

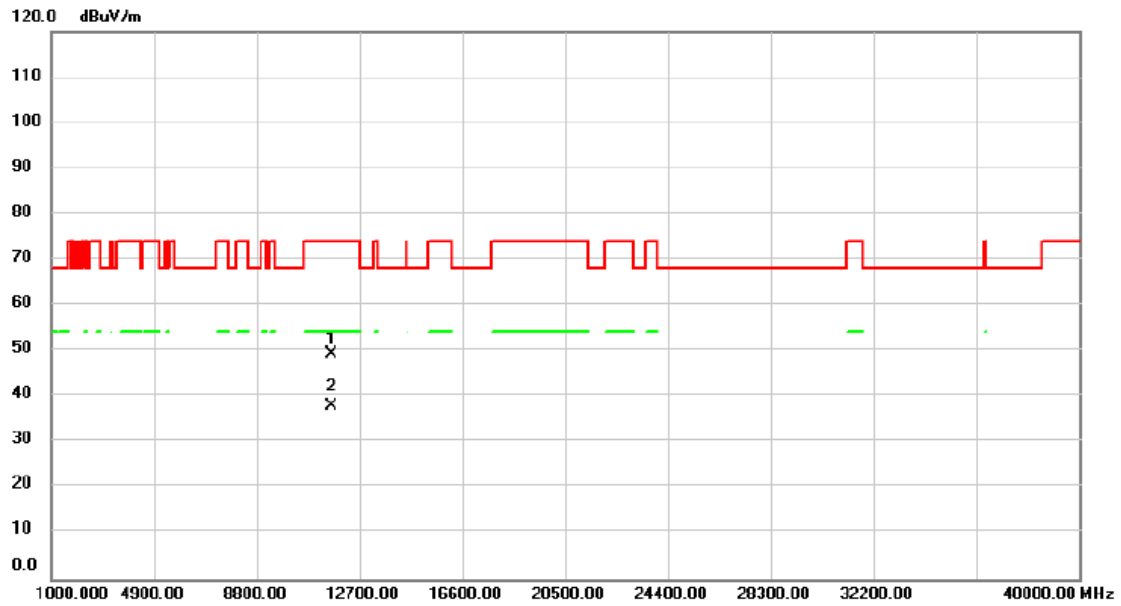


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11569.00	46.79	0.83	47.62	74.00	-26.38	peak		
2	*	11569.00	36.69	0.83	37.52	54.00	-16.48	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5825MHz	Polarization	Vertical

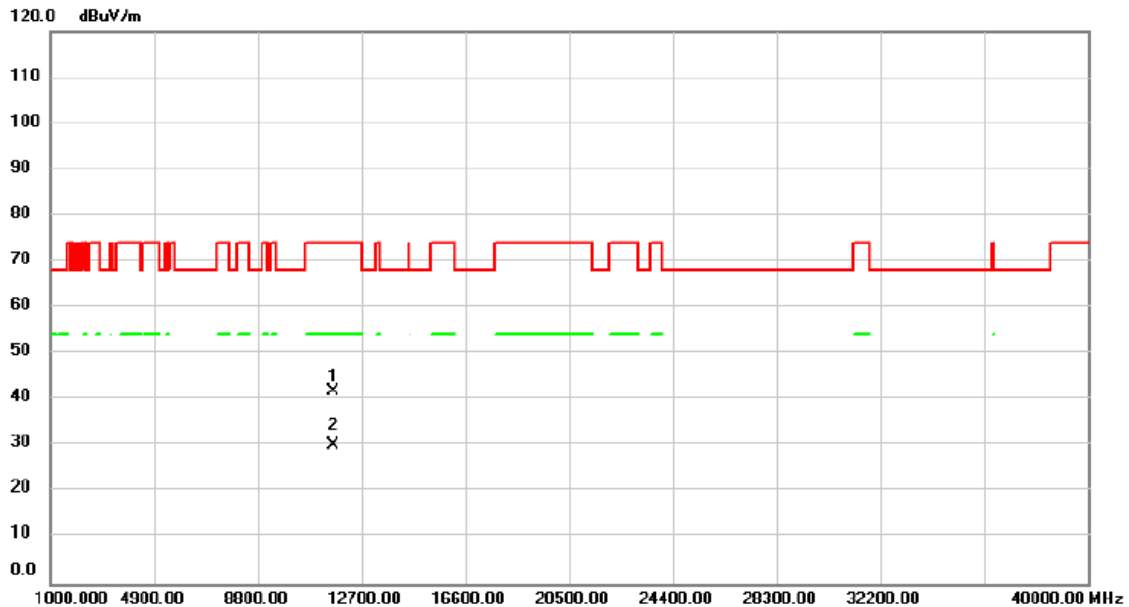


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11647.00	48.43	0.83	49.26	74.00	-24.74	peak		
2	*	11647.00	37.25	0.83	38.08	54.00	-15.92	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/6/25
Test Frequency	5825MHz	Polarization	Horizontal

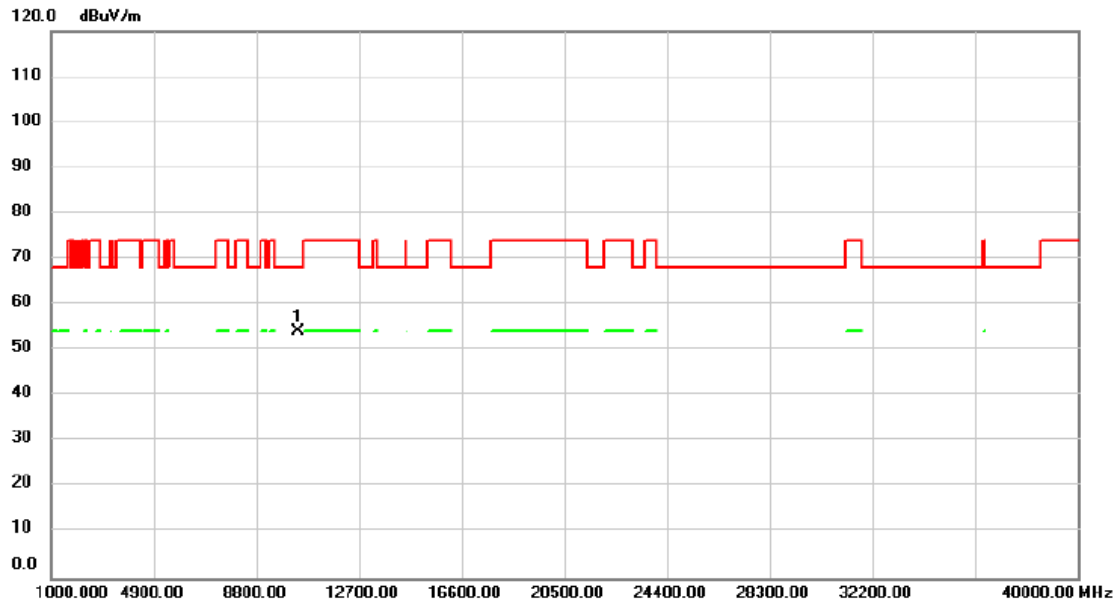


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11647.00	40.92	0.83	41.75	74.00	-32.25	peak		
2	*	11647.00	29.42	0.83	30.25	54.00	-23.75	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5190MHz	Polarization	Vertical

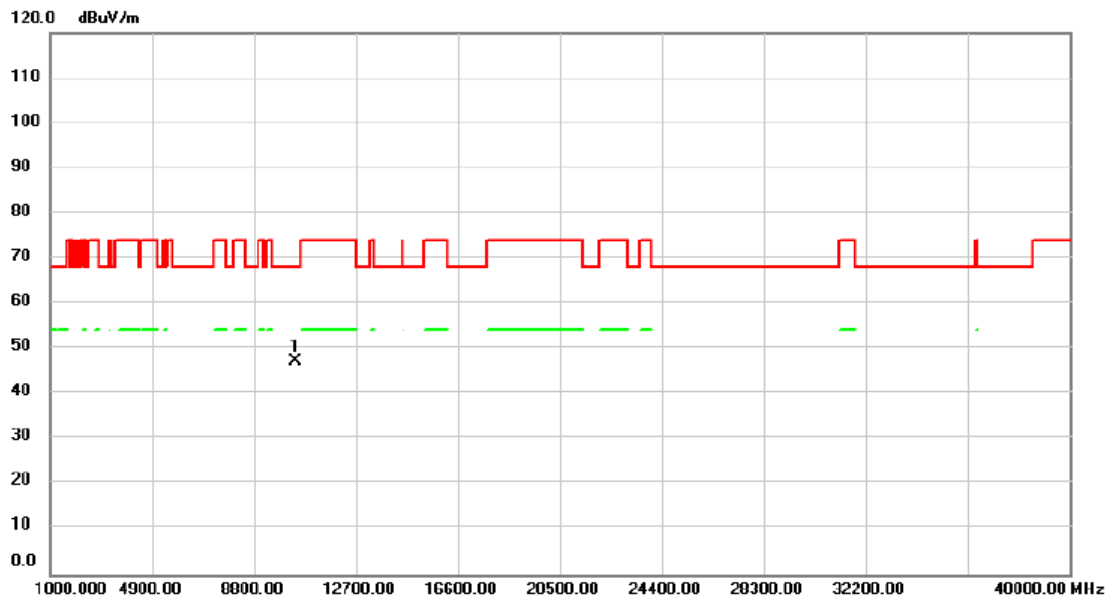


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	dBuV	Factor	ment	dBuV/m	dB	Height	Degree	Comment
1	*	10360.00	54.81	-0.60	54.21	68.20	-13.99	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5190MHz	Polarization	Horizontal

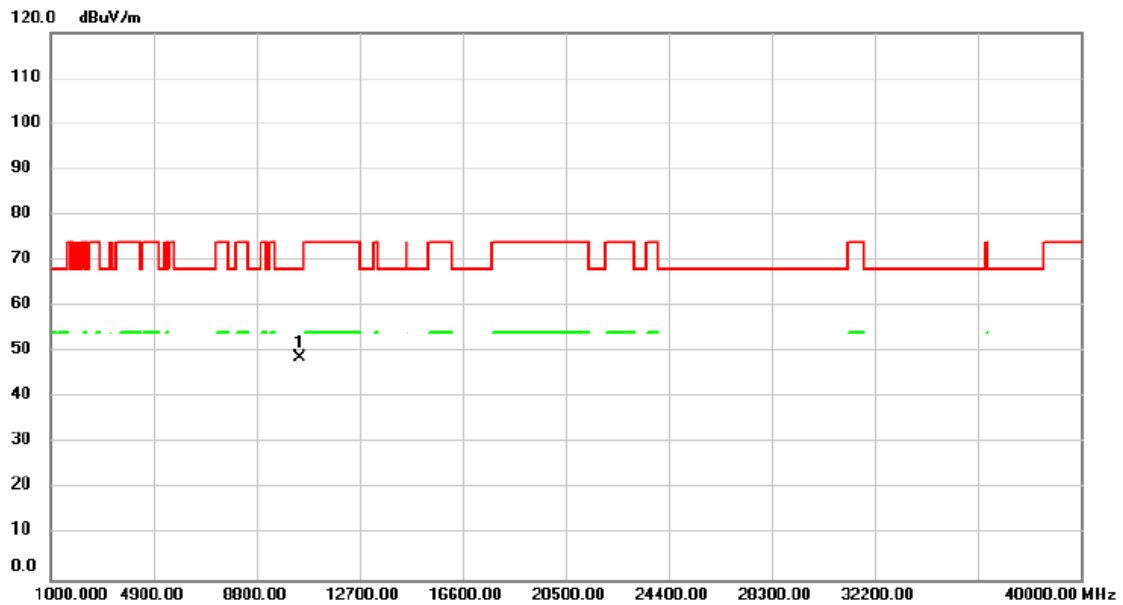


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10380.00	47.91	-0.57	47.34	68.20	-20.86			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5230MHz	Polarization	Vertical

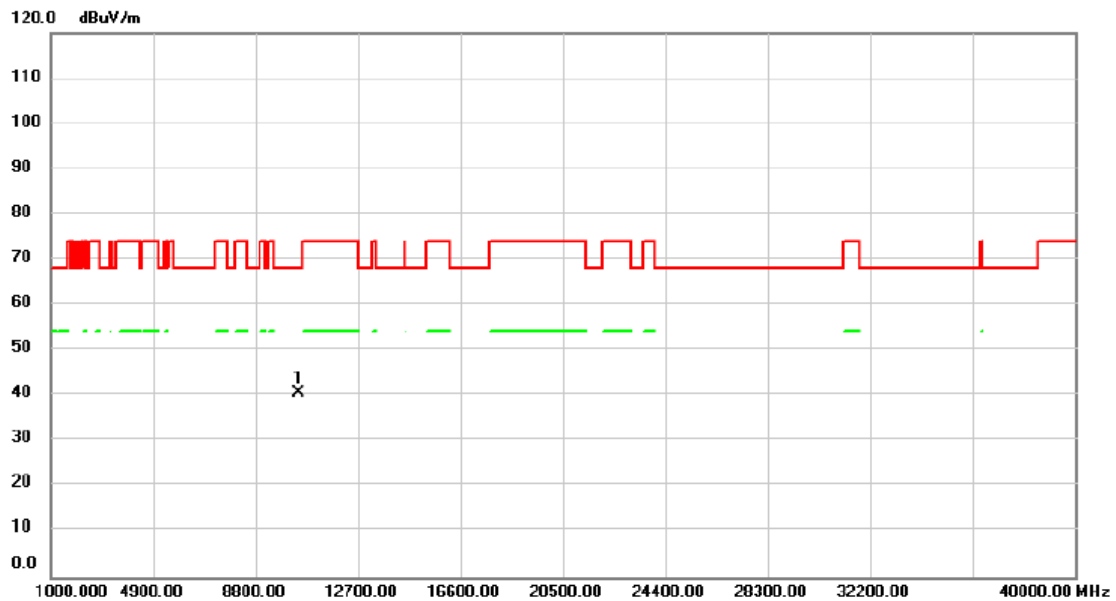


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10460.00	49.22	-0.49	48.73	68.20	-19.47			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5230MHz	Polarization	Horizontal

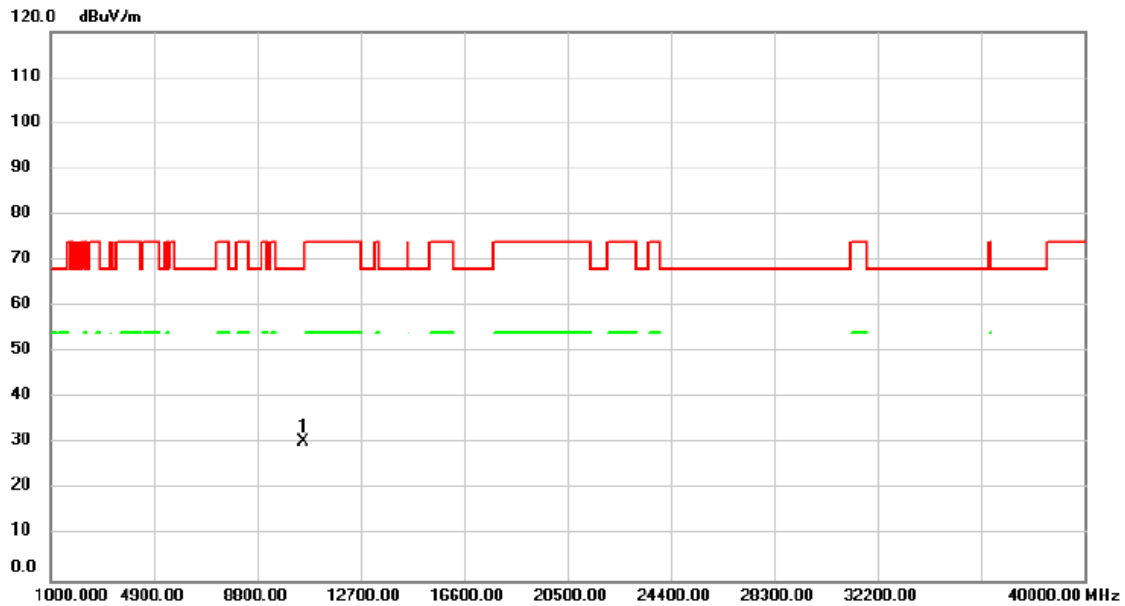


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10460.00	41.22	-0.49	40.73	68.20	-27.47	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5270MHz	Polarization	Vertical

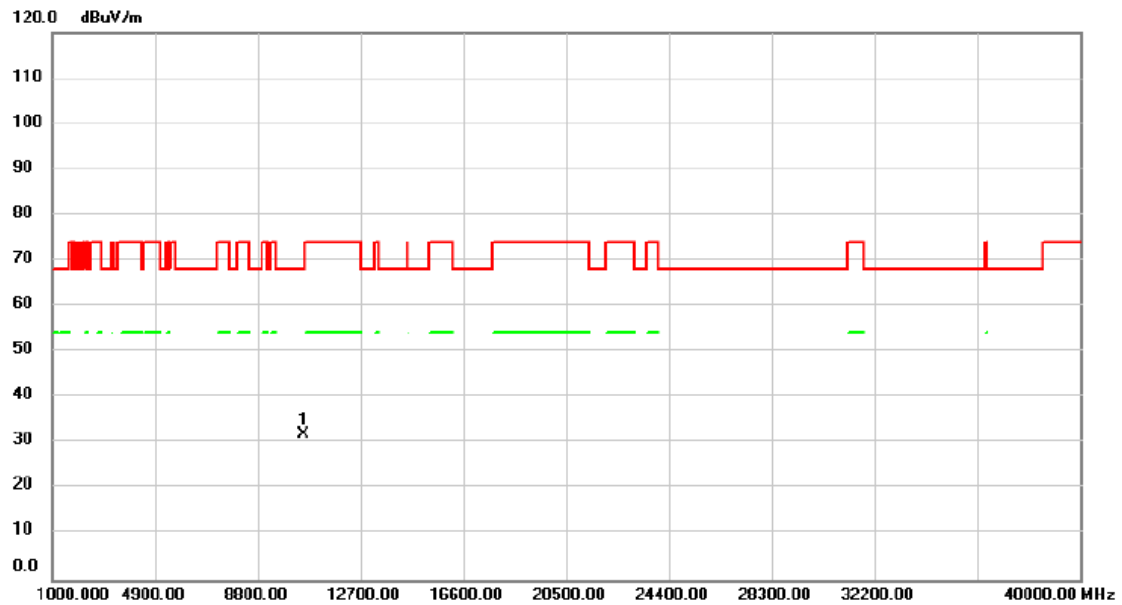


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10540.00	30.91	-0.44	30.47	68.20	-37.73	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5270MHz	Polarization	Horizontal

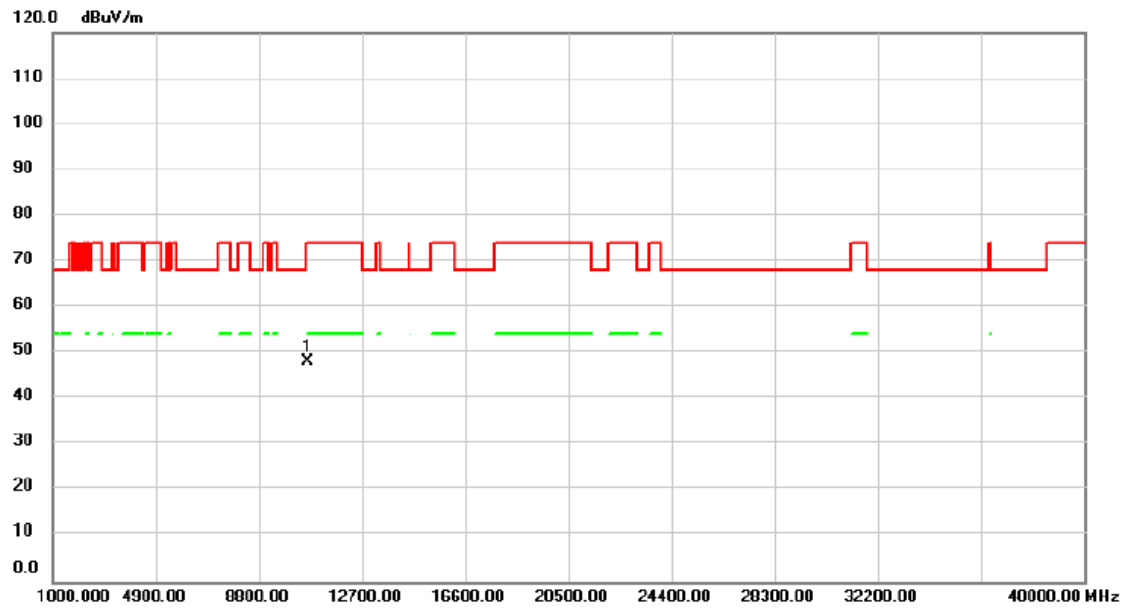


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10540.00	32.27	-0.44	31.83	68.20	-36.37	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5310MHz	Polarization	Vertical

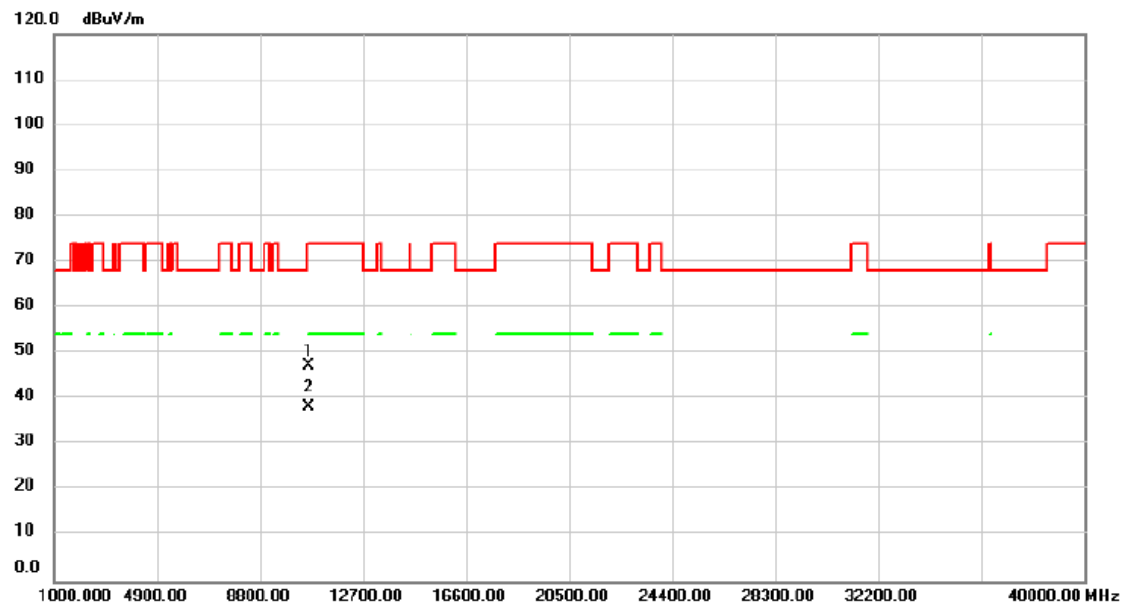


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10620.00	48.51	-0.40	48.11	74.00	-25.89			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5310MHz	Polarization	Horizontal

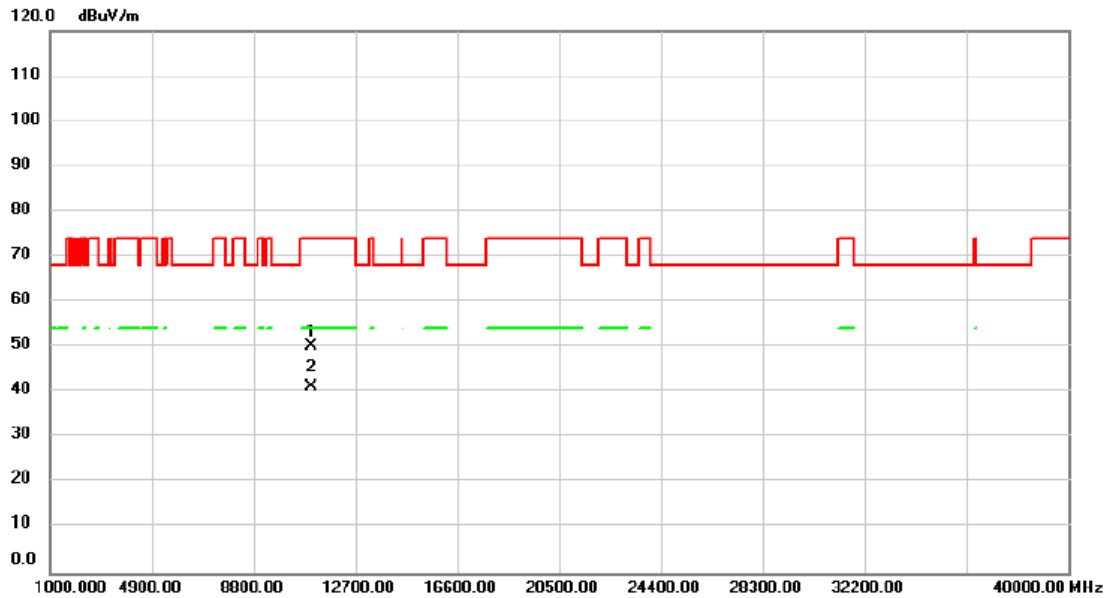


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10633.00	47.57	-0.40	47.17	74.00	-26.83			peak
2	*	10633.00	38.66	-0.40	38.26	54.00	-15.74			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5510MHz	Polarization	Vertical

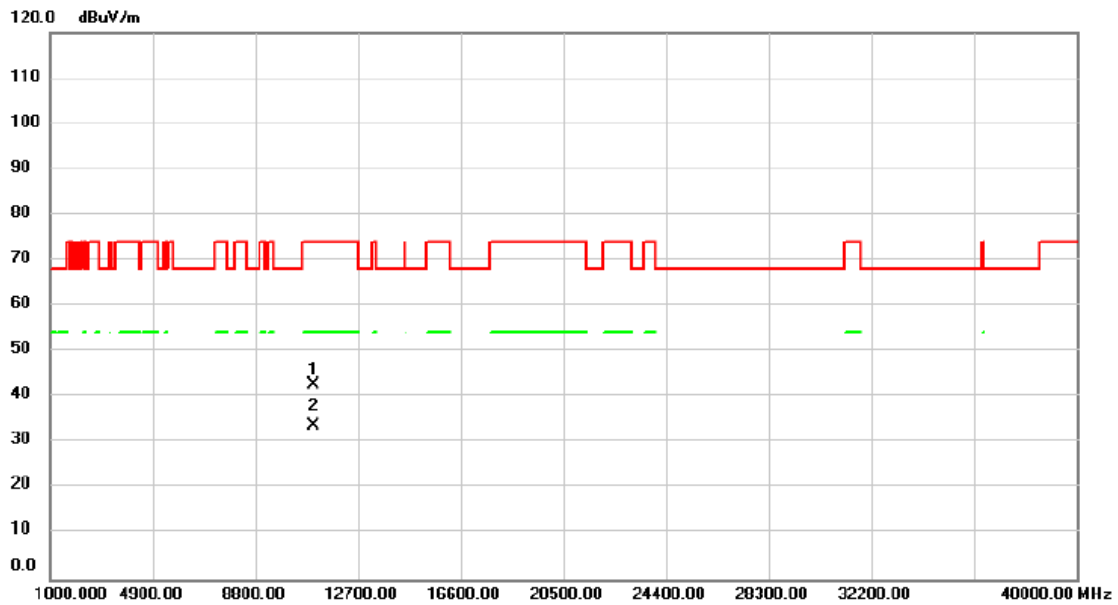


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11020.00	50.41	-0.22	50.19	74.00	-23.81			peak
2	*	11020.00	41.58	-0.22	41.36	54.00	-12.64			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5510MHz	Polarization	Horizontal

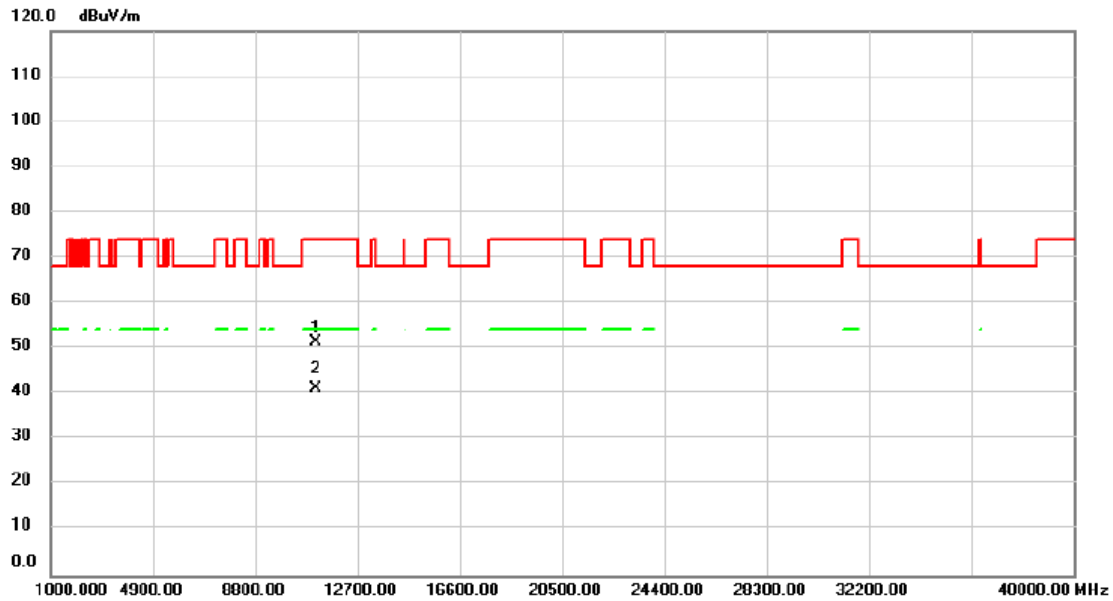


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11020.00	42.86	-0.22	42.64	74.00	-31.36			peak
2	*	11020.00	33.84	-0.22	33.62	54.00	-20.38			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5550MHz	Polarization	Vertical

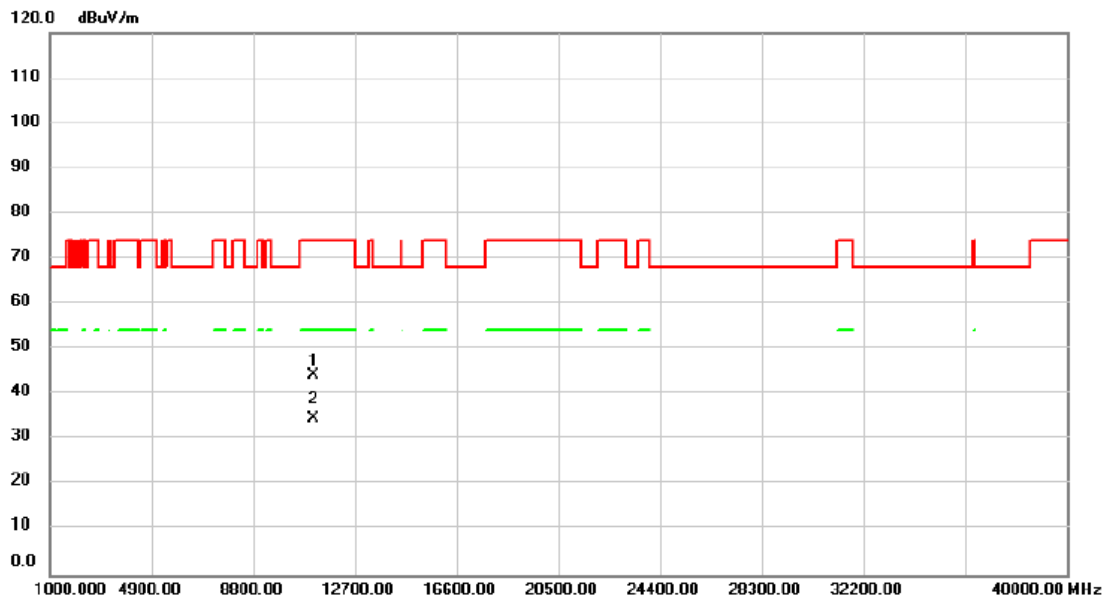


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11101.00	51.60	-0.04	51.56	74.00	-22.44	peak		
2	*	11101.00	41.42	-0.04	41.38	54.00	-12.62	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5550MHz	Polarization	Horizontal

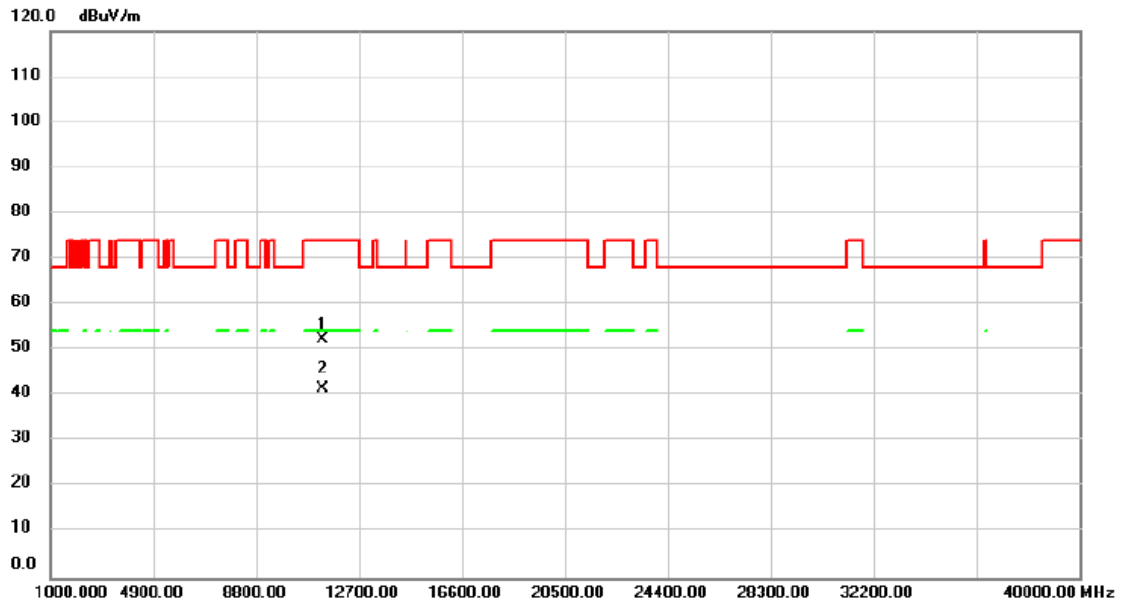


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11100.00	44.34	-0.04	44.30	74.00	-29.70			peak
2	*	11100.00	34.84	-0.04	34.80	54.00	-19.20			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5670MHz	Polarization	Vertical

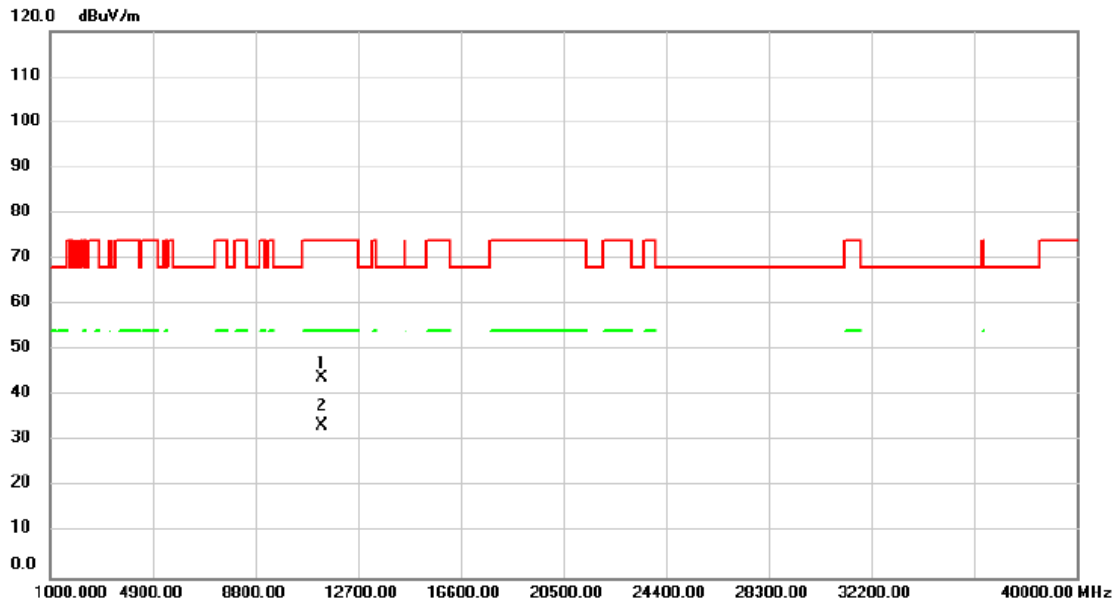


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	Comment
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	
1		11335.00	51.79	0.47	52.26	74.00	-21.74	peak		
2	*	11335.00	41.13	0.47	41.60	54.00	-12.40	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5670MHz	Polarization	Horizontal

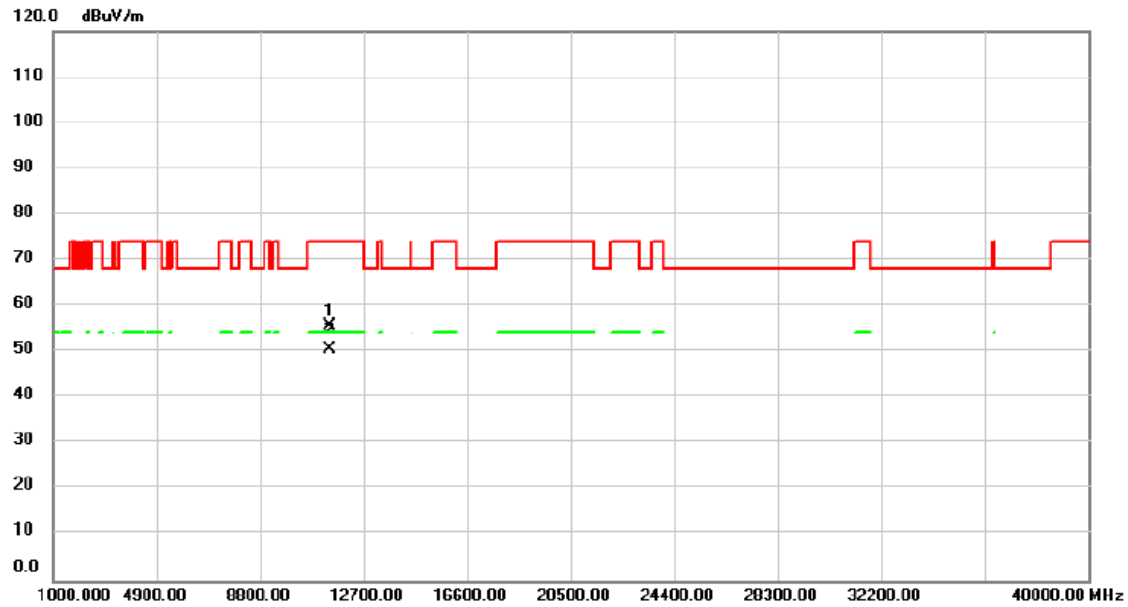


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11335.00	43.42	0.47	43.89	74.00	-30.11	peak		
2	*	11335.00	33.07	0.47	33.54	54.00	-20.46	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/7/19
Test Frequency	5710MHz	Polarization	Vertical

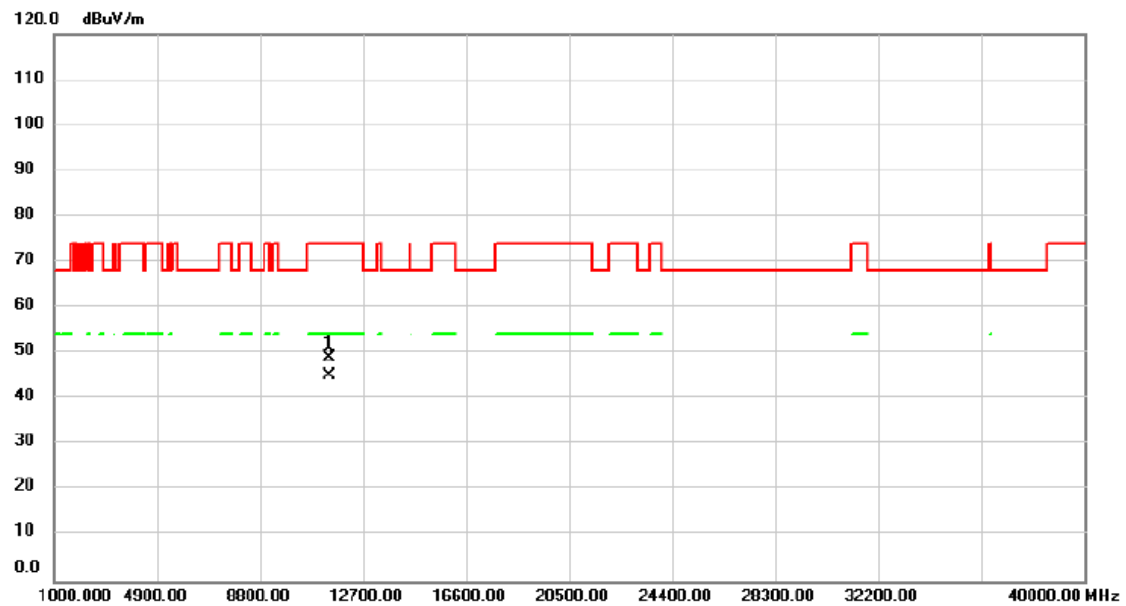


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11420.00	45.13	10.66	55.79	74.00	-18.21	peak		
2	*	11420.00	39.84	10.66	50.50	54.00	-3.50	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/7/19
Test Frequency	5710MHz	Polarization	Horizontal

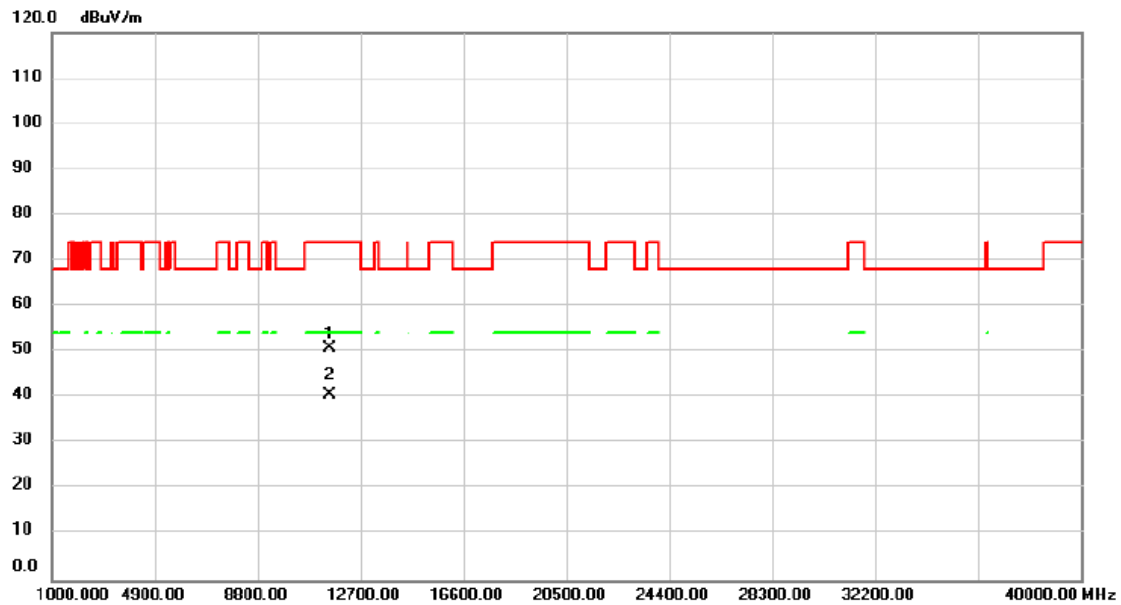


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11420.00	38.34	10.66	49.00	74.00	-25.00			peak
2	*	11420.00	34.36	10.66	45.02	54.00	-8.98			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5755MHz	Polarization	Vertical

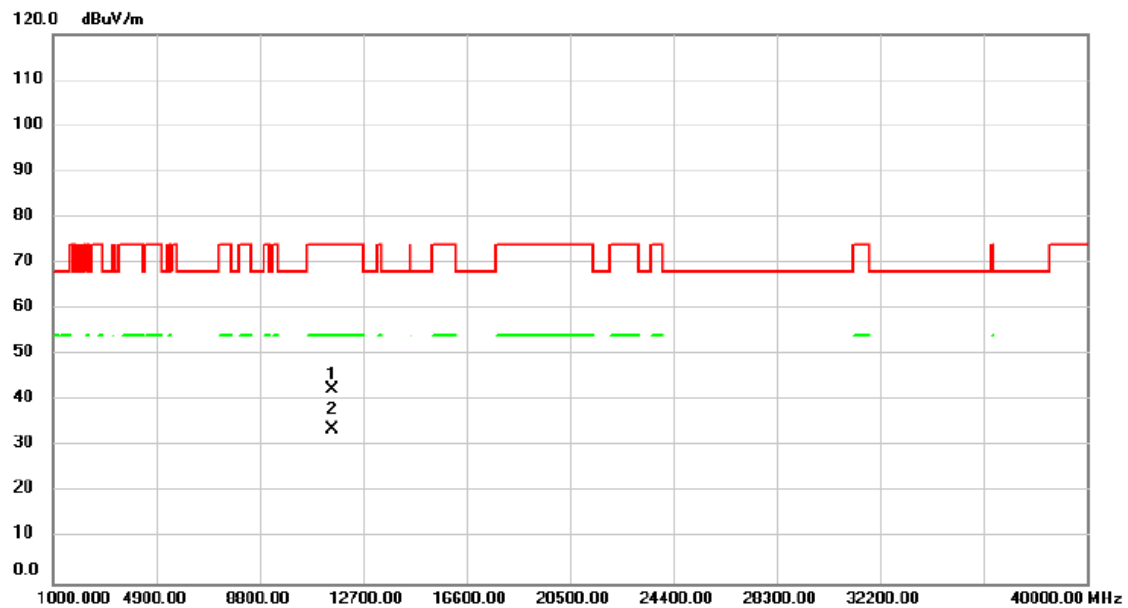


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11510.00	50.16	0.83	50.99	74.00	-23.01	peak		
2	*	11510.00	39.95	0.83	40.78	54.00	-13.22	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5755MHz	Polarization	Horizontal

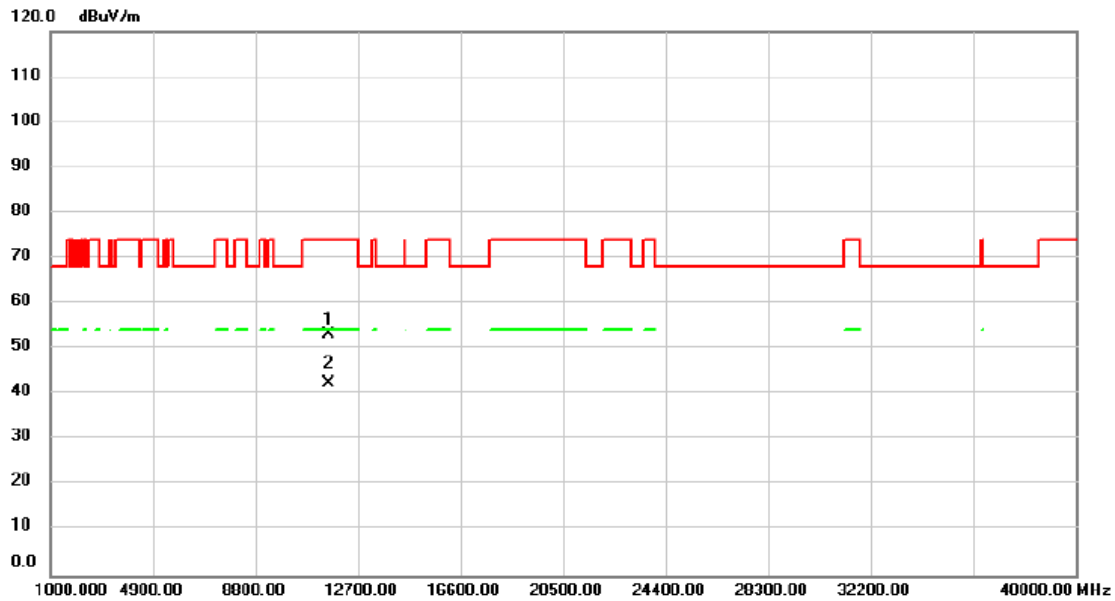


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11510.00	41.54	0.83	42.37	74.00	-31.63	peak		
2	*	11510.00	32.91	0.83	33.74	54.00	-20.26	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5795MHz	Polarization	Vertical

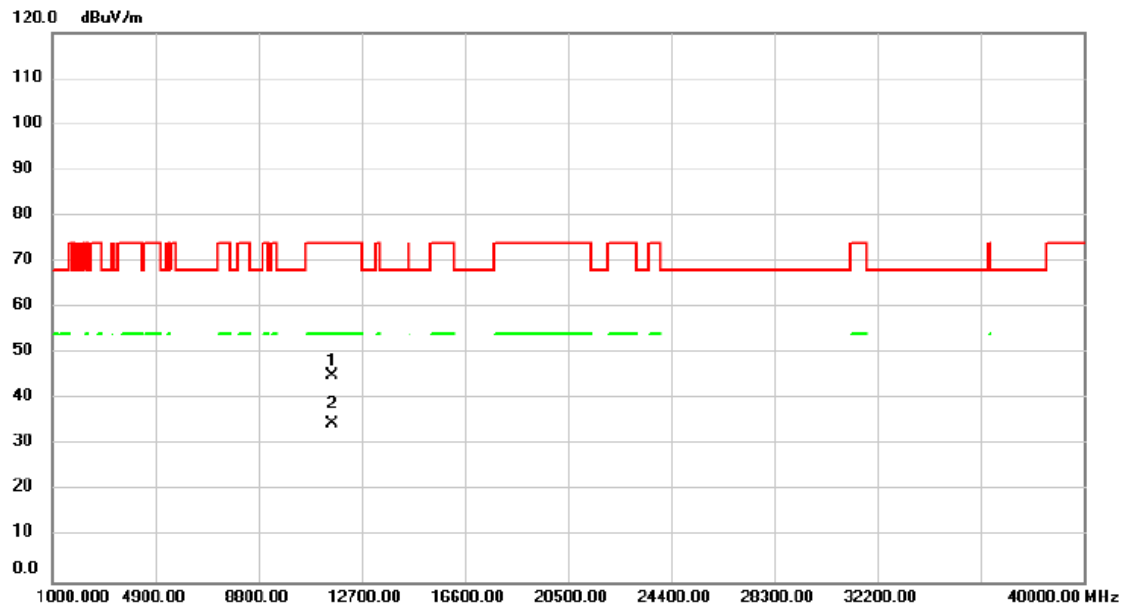


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11590.00	52.35	0.84	53.19	74.00	-20.81	peak		
2	*	11590.00	41.63	0.84	42.47	54.00	-11.53	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/6/25
Test Frequency	5795MHz	Polarization	Horizontal

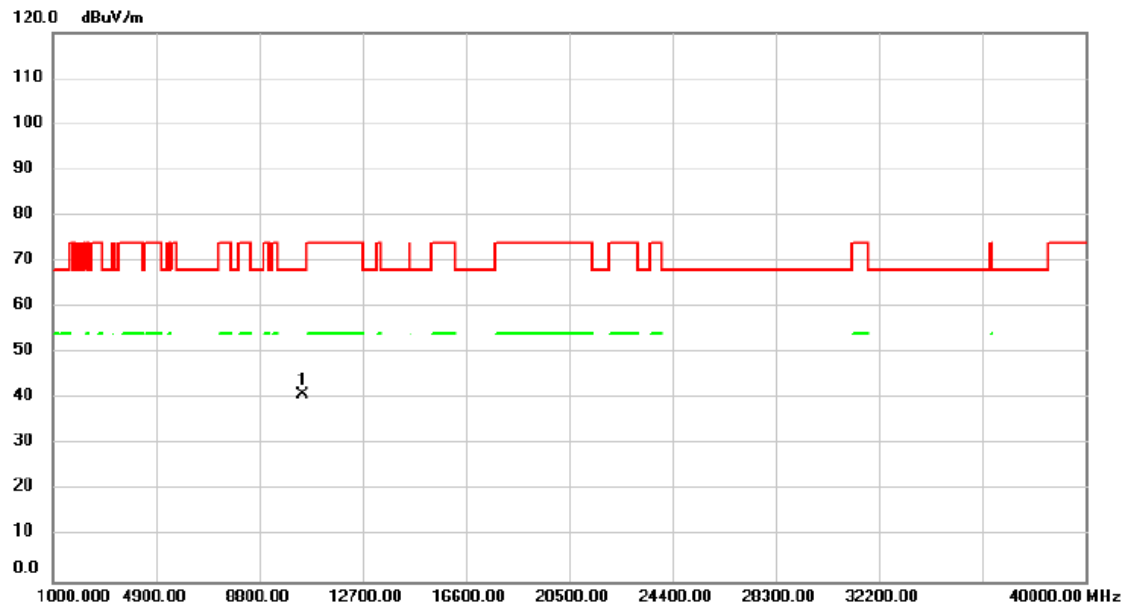


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11590.00	44.38	0.84	45.22	74.00	-28.78	peak		
2	*	11590.00	33.82	0.84	34.66	54.00	-19.34	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5210MHz	Polarization	Vertical

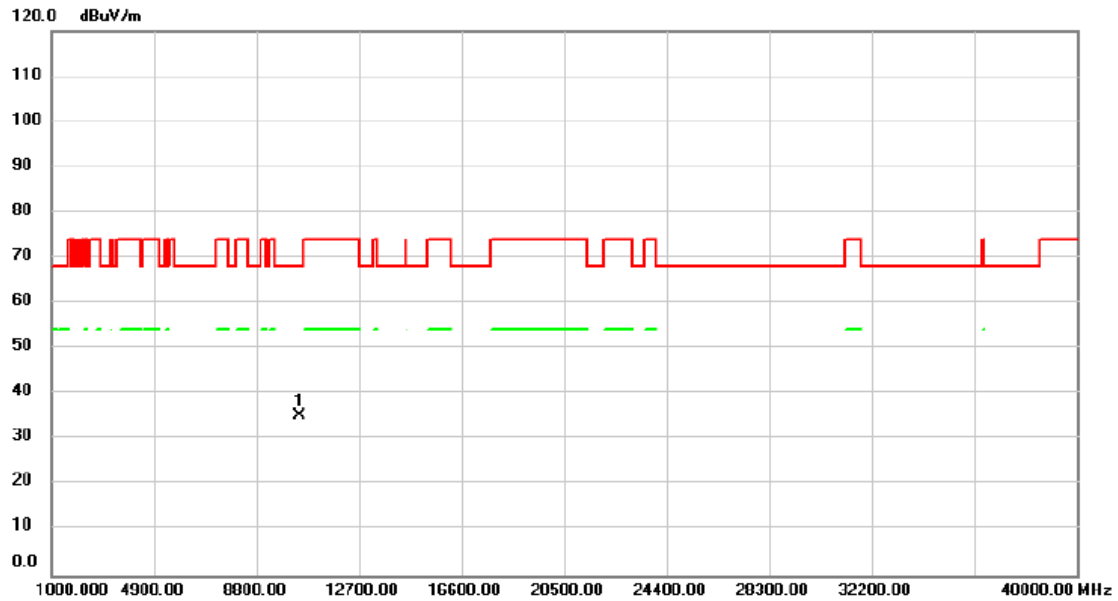


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10420.00	41.64	-0.54	41.10	68.20	-27.10	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5210MHz	Polarization	Horizontal

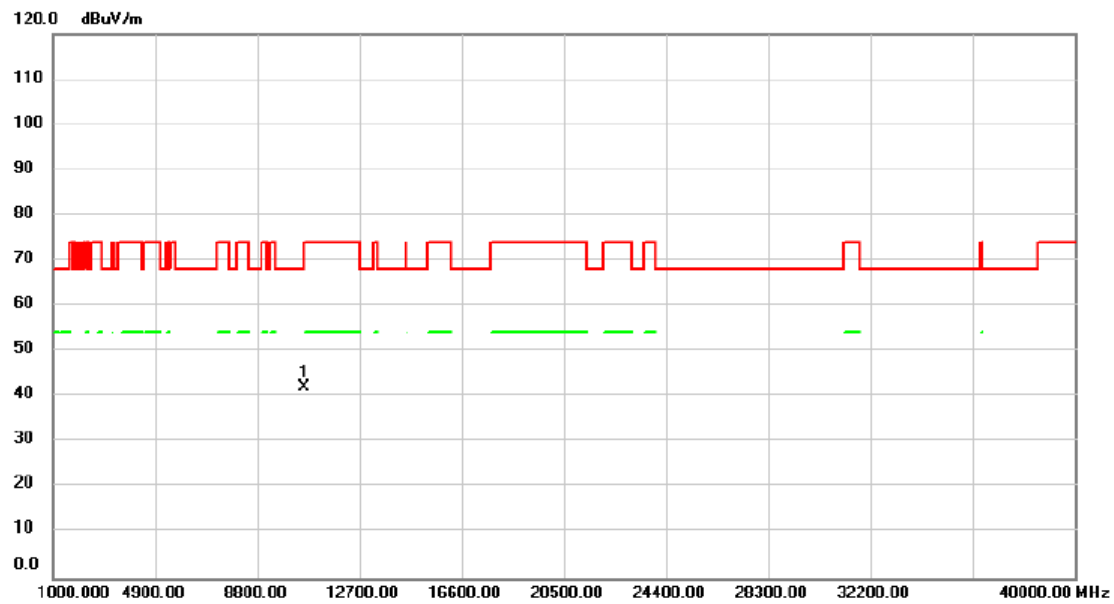


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10420.00	35.93	-0.54	35.39	68.20	-32.81	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5290MHz	Polarization	Vertical

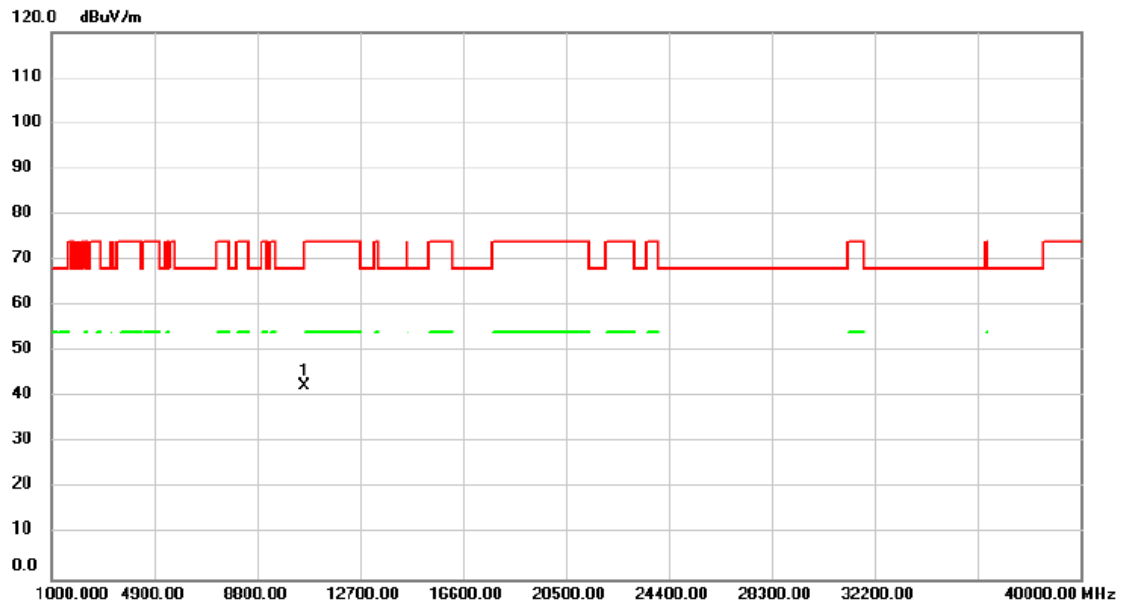


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10580.00	42.72	-0.42	42.30	68.20	-25.90	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5290MHz	Polarization	Horizontal

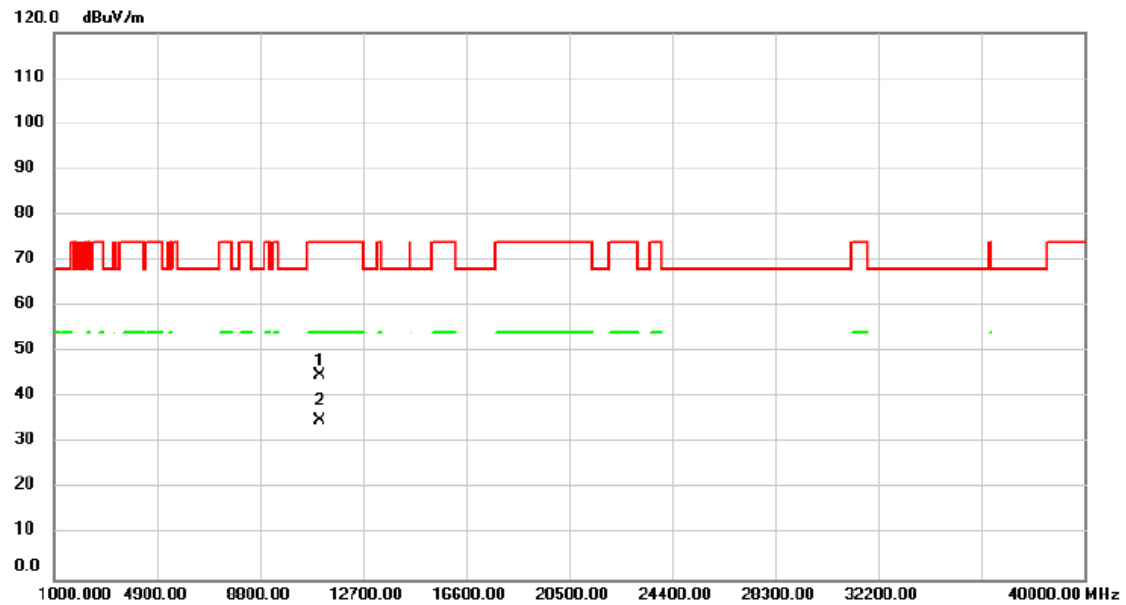


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10580.00	42.96	-0.42	42.54	68.20	-25.66			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5530MHz	Polarization	Vertical

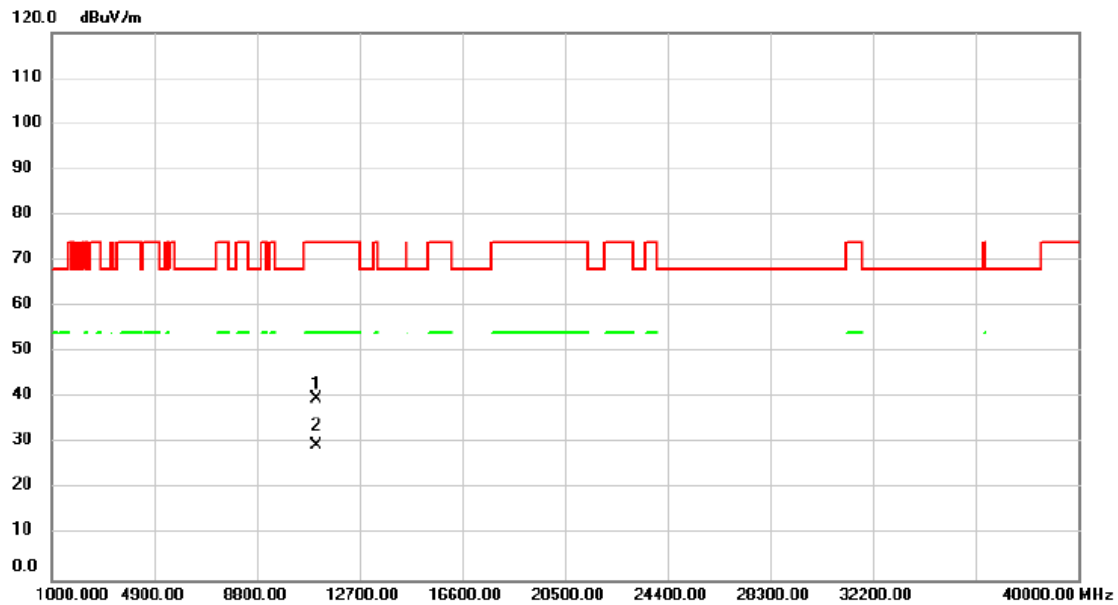


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11060.00	44.98	-0.13	44.85	74.00	-29.15	peak		
2	*	11060.00	35.21	-0.13	35.08	54.00	-18.92	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5530MHz	Polarization	Horizontal

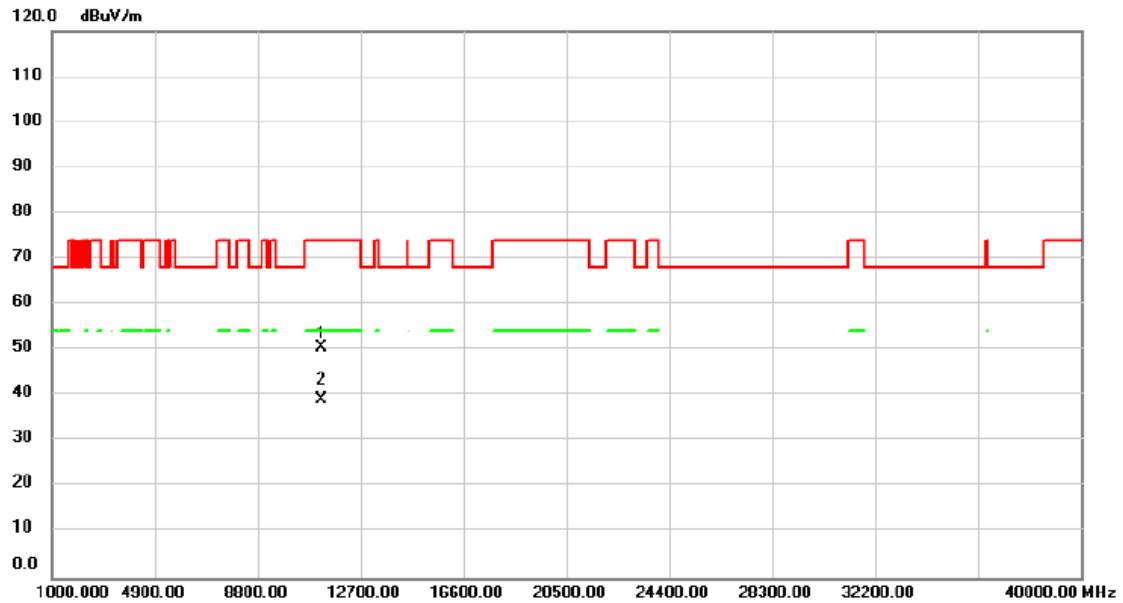


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11060.00	39.97	-0.13	39.84	74.00	-34.16			peak
2	*	11060.00	29.57	-0.13	29.44	54.00	-24.56			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5610MHz	Polarization	Vertical

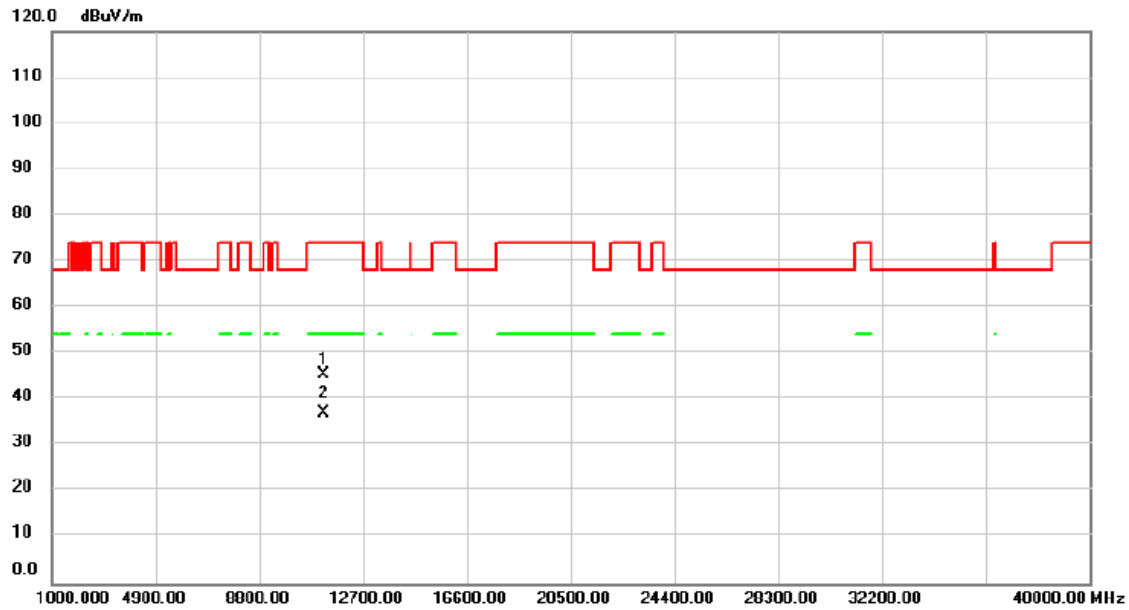


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11220.00	50.37	0.22	50.59	74.00	-23.41	peak		
2	*	11220.00	39.08	0.22	39.30	54.00	-14.70	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5610MHz	Polarization	Horizontal

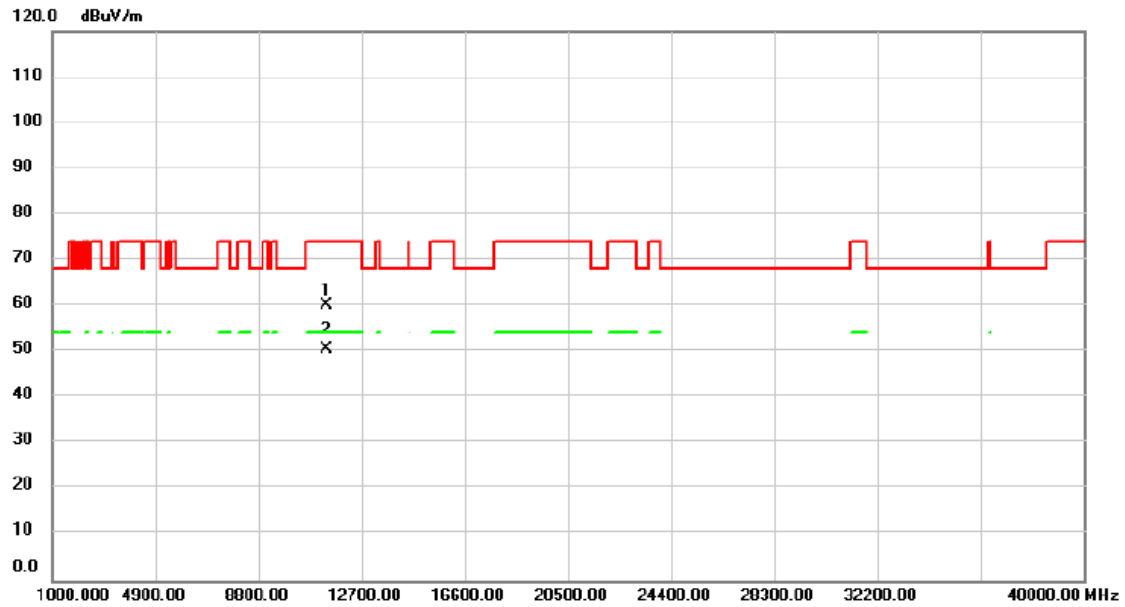


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11220.00	45.26	0.22	45.48	74.00	-28.52	peak		
2	*	11220.00	36.75	0.22	36.97	54.00	-17.03	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/7/19
Test Frequency	5690MHz	Polarization	Vertical

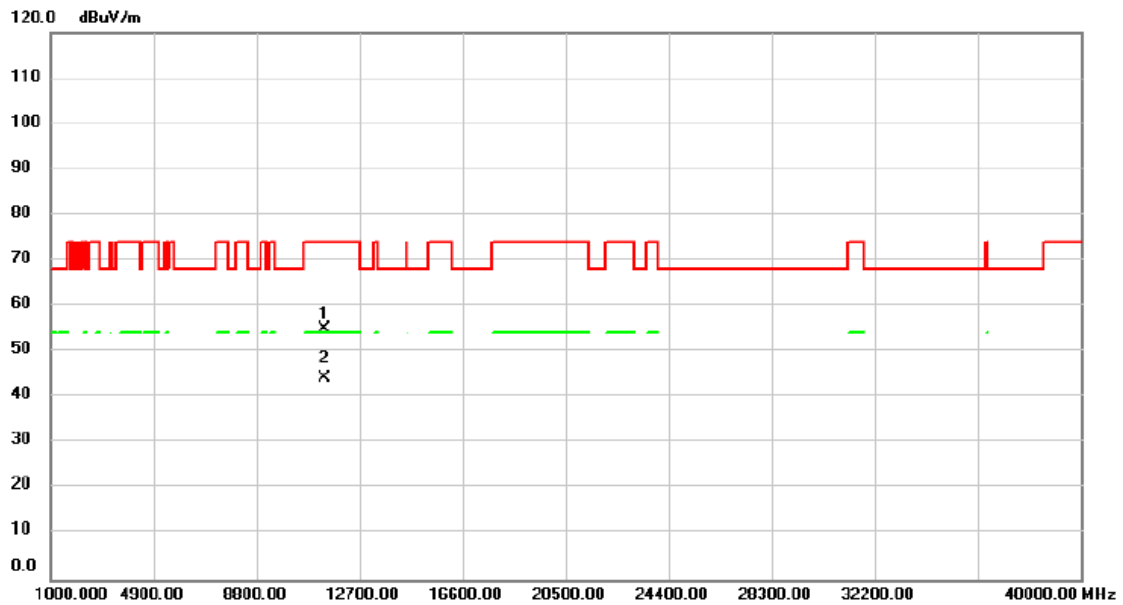


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11380.00	49.45	10.56	60.01	74.00	-13.99	peak		
2	*	11380.00	40.08	10.56	50.64	54.00	-3.36	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/7/19
Test Frequency	5690MHz	Polarization	Horizontal



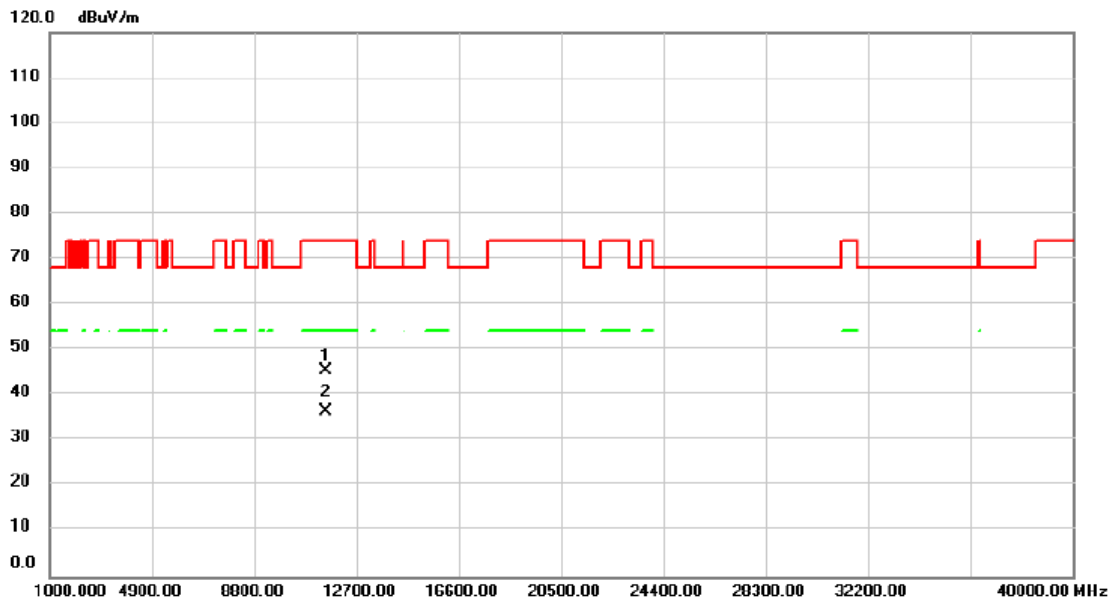
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11380.00	44.48	10.56	55.04	74.00	-18.96	peak		
2	*	11380.00	33.59	10.56	44.15	54.00	-9.85	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
Test Frequency	5775MHz	Polarization	Vertical

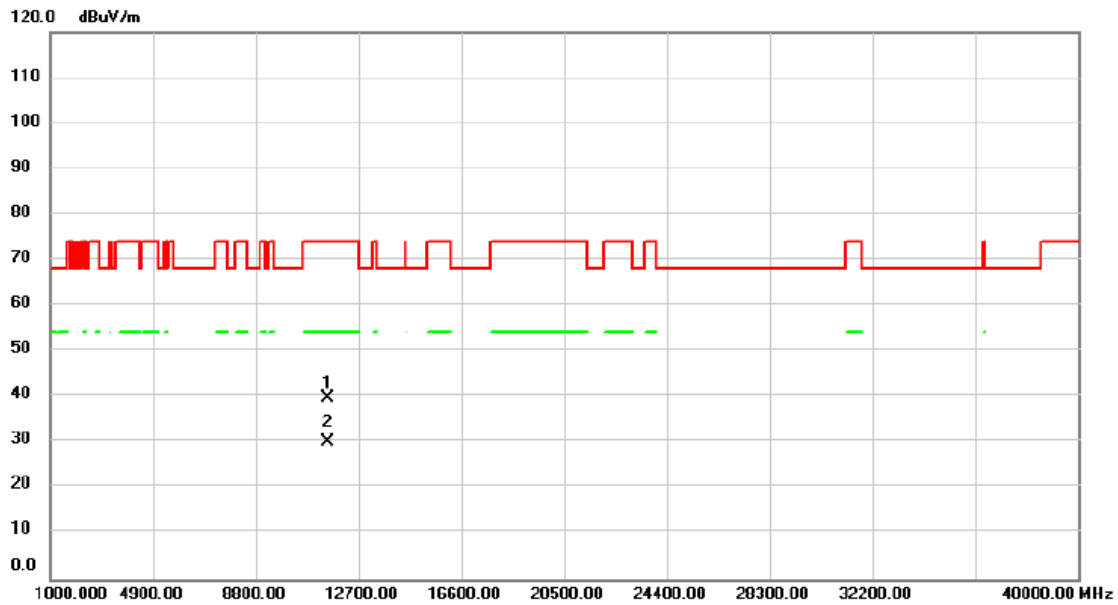


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		11550.00	44.51	0.84	45.35	74.00	-28.65	peak		
2	*	11550.00	35.56	0.84	36.40	54.00	-17.60	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/6/25
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	38.94	0.84	39.78	74.00	-34.22	peak		
2	*	11550.00	29.41	0.84	30.25	54.00	-23.75	AVG		

REMARKS:

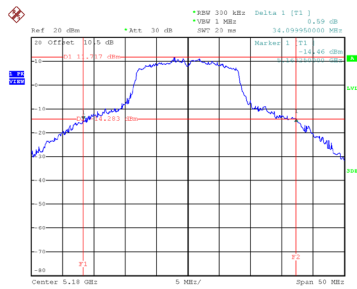
- (1) Measurement Value = Reading Level + Correct Factor.
- (2) Margin Level = Measurement Value - Limit Value.

APPENDIX D BANDWIDTH

Test Mode	UNII-1_ IEEE 802.11a_Ant.1
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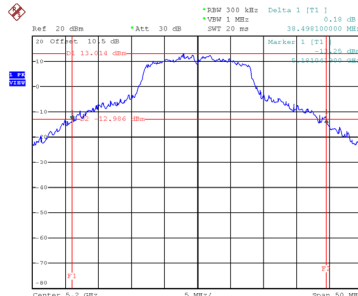
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	34.100	19.400
40	5200	38.498	25.200
48	5240	38.699	25.500

CH36



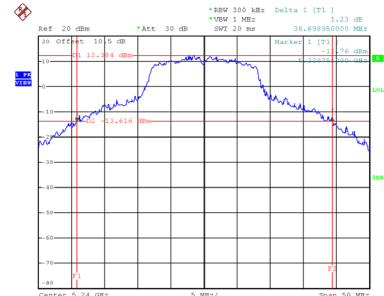
Date: 5 JUN 2024 18:44:36

CH40
26 dB Bandwidth



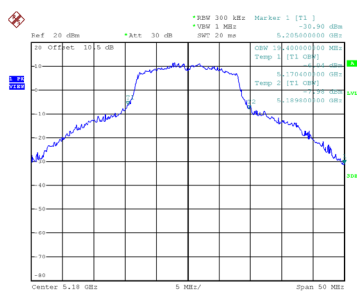
Date: 5 JUN 2024 18:47:41

CH48

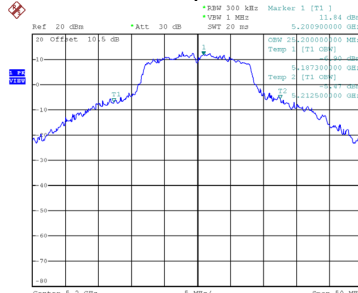


Date: 5 JUN 2024 18:49:45

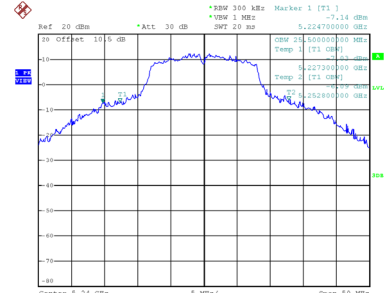
99 % Occupied Bandwidth



Date: 5 JUN 2024 18:44:15



Date: 5 JUN 2024 18:47:22

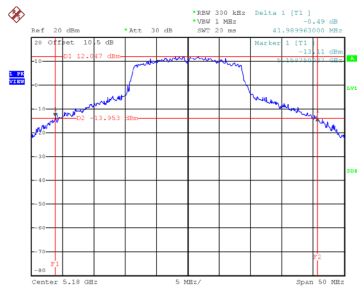


Date: 5 JUN 2024 18:49:26

Test Mode	UNII-1_ IEEE 802.11ac (VHT20)_Ant.1
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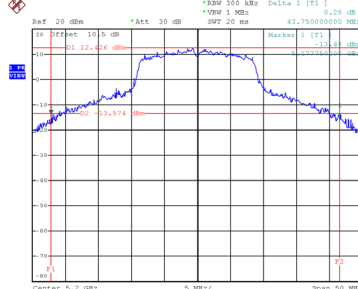
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
36	5180	41.990	26.300
40	5200	43.750	26.500
48	5240	39.450	20.400

CH36



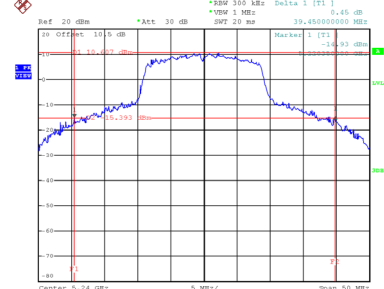
Date: 5 JUN 2024 21:04:20

CH40
26 dB Bandwidth



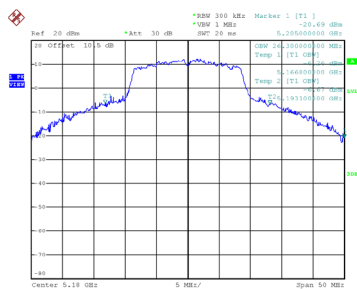
Date: 5 JUN 2024 21:10:48

CH48

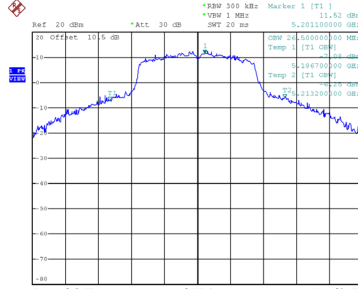


Date: 5 JUN 2024 21:13:50

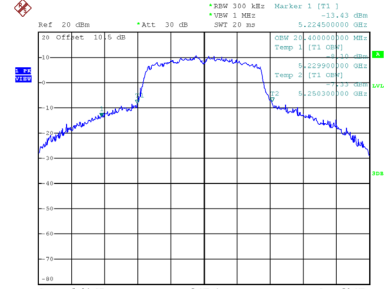
99 % Occupied Bandwidth



Date: 5 JUN 2024 21:04:03



Date: 5 JUN 2024 21:10:35

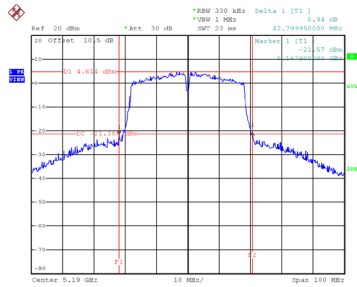


Date: 5 JUN 2024 21:13:34

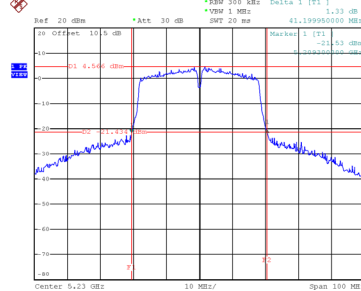
Test Mode	UNII-1_ IEEE 802.11ac (VHT40)_Ant.1
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Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
38	5190	42.800	62.000
46	5230	41.200	63.600

CH38

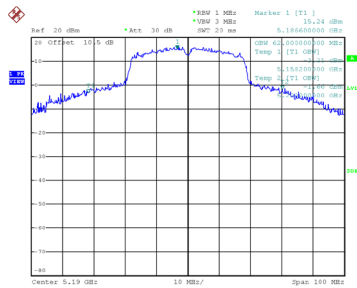


Date: 5 JUN 2024 22:27:57

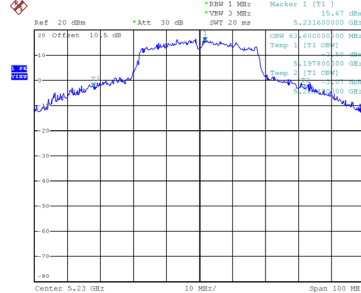
CH46
26 dB Bandwidth


Date: 5 JUN 2024 22:30:49

99 % Occupied Bandwidth



Date: 5 JUN 2024 22:25:26

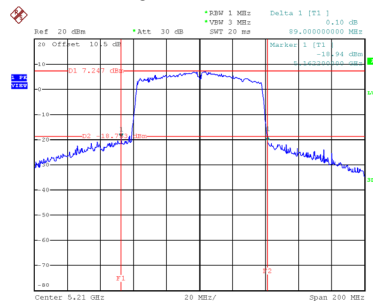


Date: 5 JUN 2024 22:28:56

Test Mode	UNII-1_ IEEE 802.11ac (VHT80)_Ant.1
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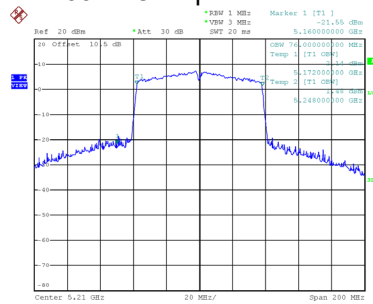
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
42	5210	89.000	76.000

CH42 26 dB Bandwidth



Date: 5.JUN.2024 23:16:15

99 % Occupied Bandwidth

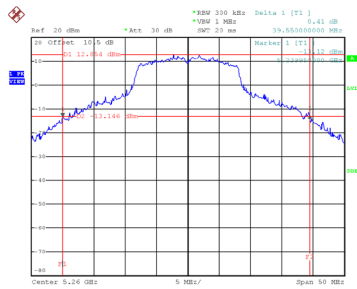


Date: 5.JUN.2024 23:15:41

Test Mode	UNII-2A_ IEEE 802.11a_Ant.1
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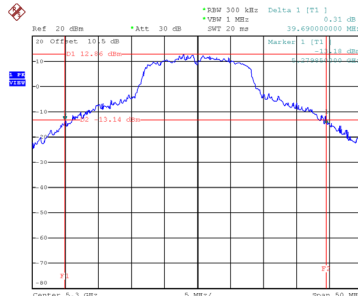
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	39.550	26.100
60	5300	39.690	26.000
64	5320	35.690	20.200

CH52



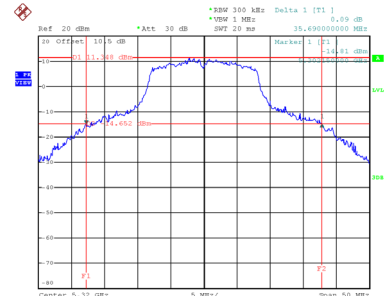
Date: 5.JUN.2024 18:52:44

CH60
26 dB Bandwidth



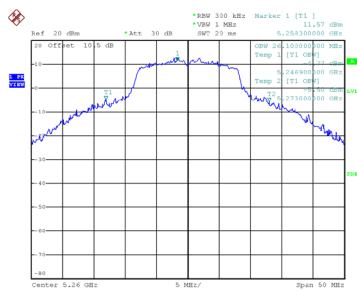
Date: 5.JUN.2024 19:18:01

CH64

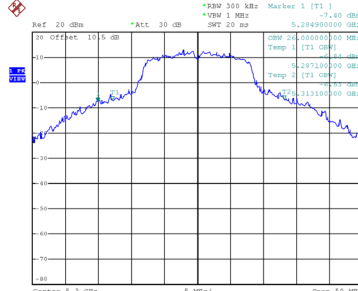


Date: 5.JUN.2024 19:26:30

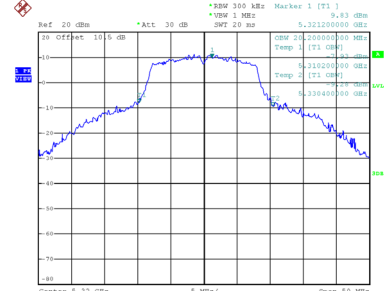
99 % Occupied Bandwidth



Date: 5.JUN.2024 18:52:28



Date: 5.JUN.2024 19:17:43

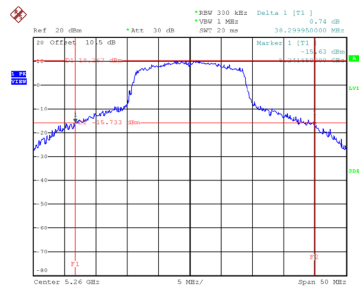


Date: 5.JUN.2024 19:26:12

Test Mode	UNII-2A_ IEEE 802.11ac (VHT20)_Ant.1
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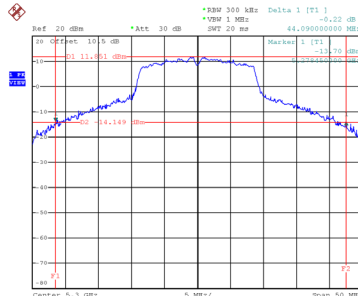
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
52	5260	38.300	20.400
60	5300	44.090	27.500
64	5320	44.090	27.500

CH52



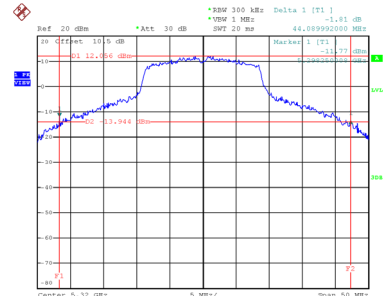
Date: 5.JUN.2024 21:15:34

CH60
26 dB Bandwidth



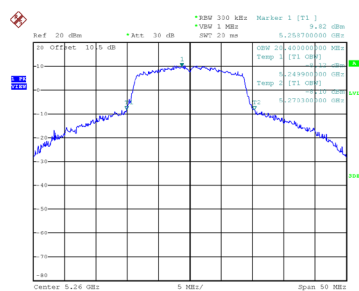
Date: 5.JUN.2024 21:17:40

CH64

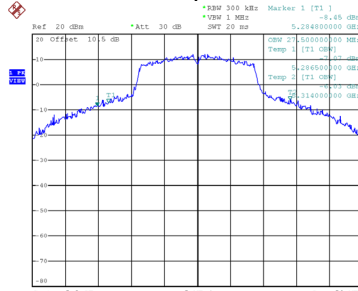


Date: 5.JUN.2024 21:20:20

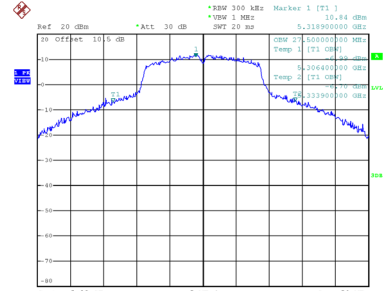
99 % Occupied Bandwidth



Date: 5.JUN.2024 21:15:15



Date: 5.JUN.2024 21:17:24

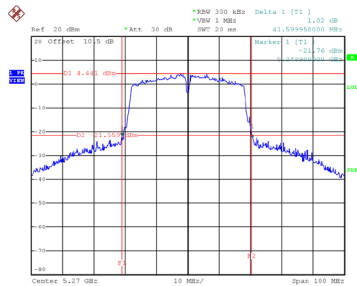


Date: 5.JUN.2024 21:20:04

Test Mode	UNII-2A_ IEEE 802.11ac (VHT40)_Ant.1
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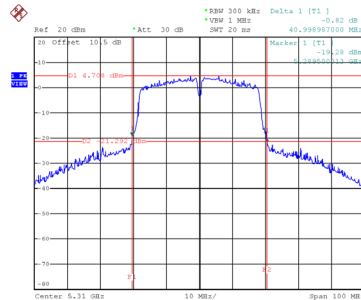
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
54	5270	41.600	64.400
62	5310	40.999	65.000

CH54



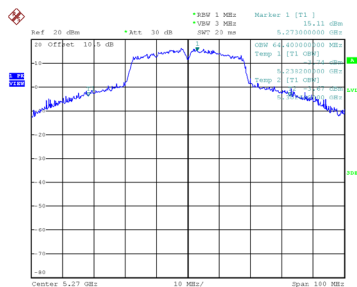
Date: 5 JUN 2024 22:34:10

CH62
26 dB Bandwidth

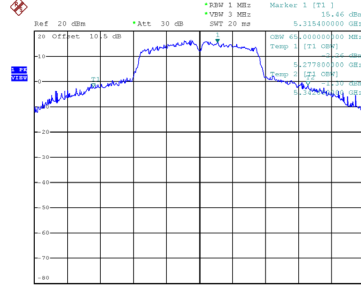


Date: 5 JUN 2024 22:37:45

99 % Occupied Bandwidth



Date: 5 JUN 2024 22:31:41

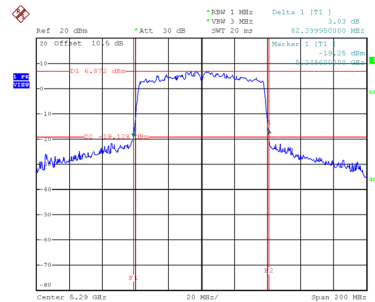


Date: 5 JUN 2024 22:35:33

Test Mode	UNII-2A_ IEEE 802.11ac (VHT80)_Ant.1
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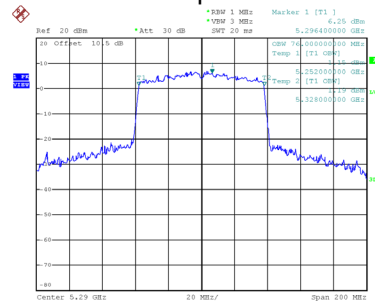
Channel	Frequency (MHz)	26 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)
58	5290	82.400	76.000

CH42
26 dB Bandwidth



Date: 5.JUN.2024 23:27:10

99 % Occupied Bandwidth



Date: 5.JUN.2024 23:26:35