

FCC Radio Test Report

FCC ID: 2AIMRRD28

Report No. : eLab-FCCP-2-2312C046
Equipment : Xiaomi Mesh System AX3000 NE
Test Model : RD28
Series Model : N/A
Brand Name : N/A
Applicant : Beijing Xiaomi Electronics Co., Ltd.
Address : Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China
Manufacturer : Beijing Xiaomi Electronics Co., Ltd.
Address : Room 802, Floor 8, Building 5, No.15 KeChuang 10th Road, Beijing Economic and Technological Development Zone, Beijing City, China
Factory : AZROAD (Zhongshan) Technology Company Limited
Address : Building 2, No. 39 Jinchang Industrial Road, West District, Zhongshan City, Guangdong Province
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 : ANSI C63.10-2013
Procedure(s)
Date of Receipt : 2024/3/5
Date of Test : 2024/3/29 ~ 2024/4/24
Issued Date : 2024/5/21

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

Prepared by

Ray.chen

Ray Chen, Engineer

Approved by

Sam Chuang

Sam Chuang, Supervisor

**eLab Inc.**

10F., No. 167, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
Tel: +886-2-8692-6160 Fax: +886-2-8692-6170

Declaration

eLab 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).

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

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

eLab'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.

eLab 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.

CONTENTS

REVISION HISTORY	5
1 SUMMARY OF TEST RESULTS	6
1.1 TEST FACILITY	7
1.2 MEASUREMENT UNCERTAINTY	7
1.3 TEST ENVIRONMENT CONDITIONS	7
1.4 DUTY CYCLE	8
2 GENERAL INFORMATION	11
2.1 DESCRIPTION OF EUT	11
2.2 TEST MODES	14
2.3 PARAMETERS OF TEST SOFTWARE	15
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	17
2.5 SUPPORT UNITS	18
3 AC POWER LINE CONDUCTED EMISSIONS TEST	19
3.1 LIMIT	19
3.2 TEST PROCEDURE	19
3.3 TEST SETUP	20
3.4 TEST RESULT	20
4 RADIATED EMISSIONS TEST	21
4.1 LIMIT	21
4.2 TEST PROCEDURE	22
4.3 TEST SETUP	23
4.4 EUT OPERATING CONDITIONS	24
4.5 TEST RESULT – BELOW 30 MHZ	24
4.6 TEST RESULT – 30 MHZ TO 1 GHZ	24
4.7 TEST RESULT – ABOVE 1 GHZ	24
5 BANDWIDTH TEST	25
5.1 LIMIT	25
5.2 TEST PROCEDURE	25
5.3 TEST SETUP	25
5.4 EUT OPERATING CONDITIONS	25
5.5 TEST RESULT	25
6 OUTPUT POWER TEST	26
6.1 LIMIT	26
6.2 TEST PROCEDURE	26
6.3 TEST SETUP	26
6.4 EUT OPERATING CONDITIONS	26
6.5 TEST RESULT	26
7 POWER SPECTRAL DENSITY	27
7.1 LIMIT	27
7.2 TEST PROCEDURE	27
7.3 TEST SETUP	27
7.4 EUT OPERATING CONDITIONS	27
7.5 TEST RESULT	27
8 LIST OF MEASURING EQUIPMENTS	28
9 EUT TEST PHOTO	29
10 EUT PHOTOS	29

APPENDIX A	AC POWER LINE CONDUCTED EMISSIONS	30
APPENDIX B	RADIATED EMISSIONS - 30 MHZ TO 1 GHZ	33
APPENDIX C	RADIATED EMISSIONS - ABOVE 1 GHZ	36
APPENDIX D	BANDWIDTH	159
APPENDIX E	CONDUCTED OUTPUT POWER	192
APPENDIX F	POWER SPECTRAL DENSITY	204

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
eLab-FCCP-2-2312C046	R00	Original Report.	2024/5/11	Invalid
eLab-FCCP-2-2312C046	R01	Updated information in section 2.1.	2024/5/21	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Result	Remark
15.207	AC Power Line Conducted Emissions	Pass	-----
15.205 15.209 15.407(b)	Radiated Emissions	Pass	-----
15.407(a) 15.407(e)	Bandwidth	Pass	-----
15.407(a)	Output Power	Pass	-----
15.407(a)	Power Spectral Density	Pass	-----
15.407(g)	Frequency Stability	Pass	NOTE (4)
15.203	Antenna Requirement	Pass	-----
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 FR15EWL5_V1.0
- (3) 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 frequency stability test is declared by customer.

1.1 TEST FACILITY

The test facilities used to collect the test data in this report:

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

The test sites and facilities are covered under FCC RN: 681248 and DN: TW4045.

☒ C01 ☒ CB01 ☒ TR01

1.2 MEASUREMENT UNCERTAINTY

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

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

A. AC power line conducted emissions test:

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

B. Radiated emissions test :

Test Site	Measurement Frequency Range	U,(dB)
CB01	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	0.5339
Output power	0.3657
Power Spectral Density	0.6590
Conducted Spurious emissions	0.5379
Conducted Band edges	0.5334

NOTE:

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

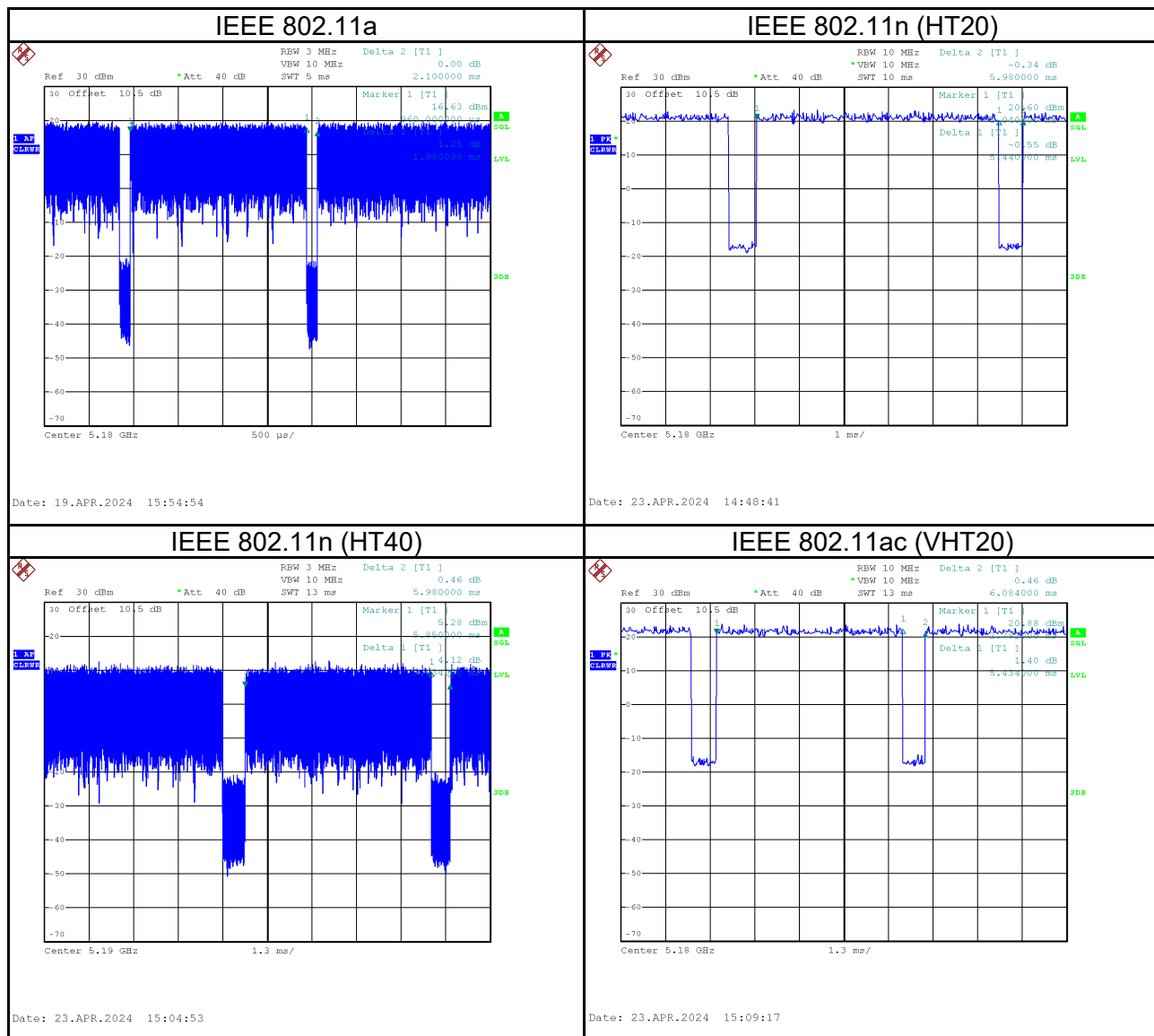
1.3 TEST ENVIRONMENT CONDITIONS

Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25 °C, 45 %	AC 120V	Ken Hsieh
Radiated emissions below 1 GHz	Refer to data	AC 120V	Ken Hsieh
Radiated emissions above 1 GHz	Refer to data	AC 120V	Ken Hsieh
Bandwidth	25 °C, 46 %	AC 120V	Cheng Tsai
Output Power	25 °C, 46 %	AC 120V	Cheng Tsai
Power Spectral Density	25 °C, 46 %	AC 120V	Cheng Tsai

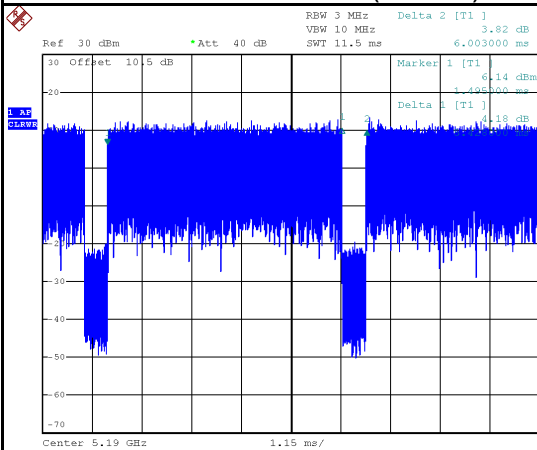
1.4 DUTY CYCLE

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

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

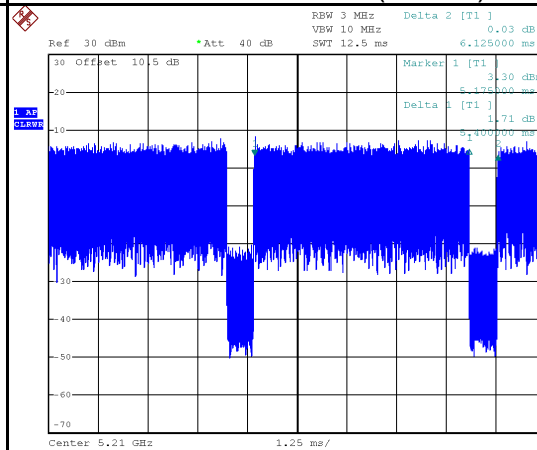


IEEE 802.11ac (VHT40)



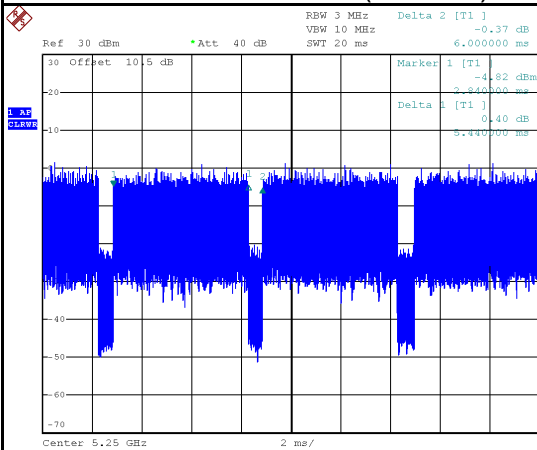
Date: 23.APR.2024 15:20:45

IEEE 802.11ac (VHT80)



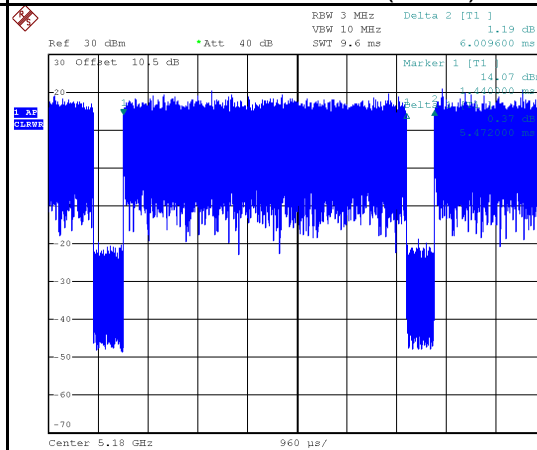
Date: 23.APR.2024 15:27:07

IEEE 802.11ac (VHT160)



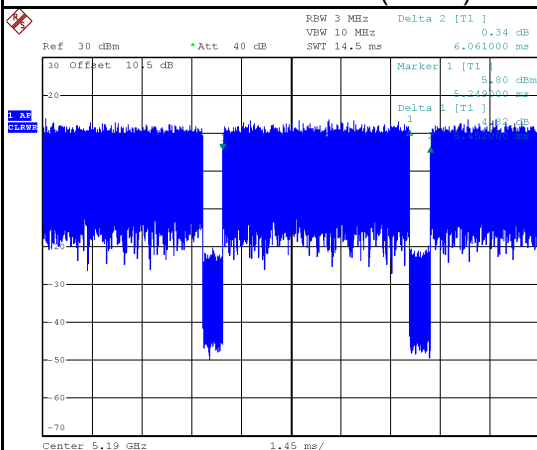
Date: 23.APR.2024 15:35:57

IEEE 802.11ax (HE20)



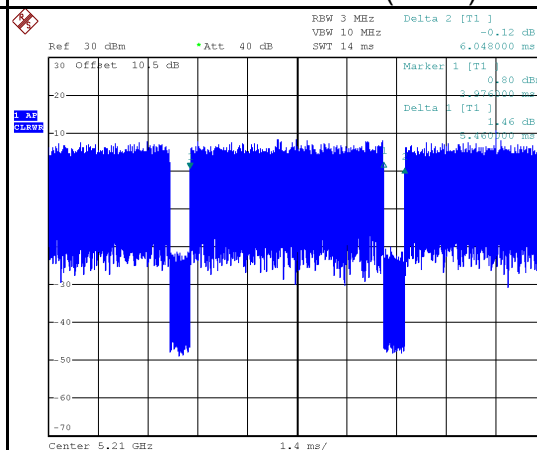
Date: 23.APR.2024 15:43:27

IEEE 802.11ax (HE40)

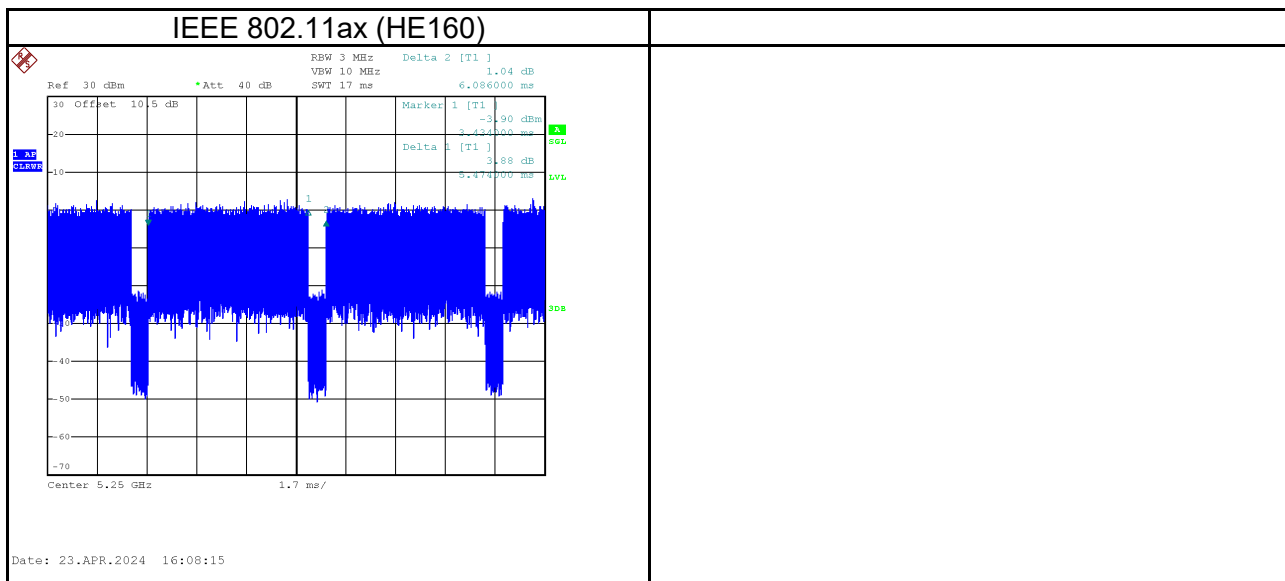


Date: 23.APR.2024 15:58:28

IEEE 802.11ax (HE80)



Date: 23.APR.2024 16:03:36



Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)	1/On Time (B)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)	1/B Minimum VBW (kHz)
IEEE 802.11a	1.980	1	1.980	2.100	94.29%	0.26	0.505
IEEE 802.11n (HT20)	5.440	1	5.440	5.980	90.97%	0.41	0.184
IEEE 802.11n (HT40)	5.434	1	5.434	5.980	90.87%	0.42	0.184
IEEE 802.11ac (VHT20)	5.434	1	5.434	6.084	89.32%	0.49	0.184
IEEE 802.11ac (VHT40)	5.428	1	5.428	6.003	90.42%	0.44	0.184
IEEE 802.11ac (VHT80)	5.400	1	5.400	6.125	88.16%	0.55	0.185
IEEE 802.11ac (VHT160)	5.440	1	5.440	6.000	90.67%	0.43	0.184
IEEE 802.11ax (HE20)	5.472	1	5.472	6.010	91.05%	0.41	0.183
IEEE 802.11ax (HE40)	5.452	1	5.452	6.061	89.95%	0.46	0.183
IEEE 802.11ax (HE80)	5.460	1	5.460	6.048	90.28%	0.44	0.183
IEEE 802.11ax (HE160)	5.474	1	5.474	6.086	89.94%	0.46	0.183

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Xiaomi Mesh System AX3000 NE
Test Model	RD28
Series Model	N/A
Model Difference(s)	N/A
Brand Name	xiaomi
Serial Number	N/A
Power Source	DC voltage supplied from AC adapter.
Power Rating	I/P: 100-240V~ 50/60Hz 0.5A O/P: 12.0V  1.0A
Operation Frequency Band(s)	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
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps
Output Power Max. for UNII-1	IEEE 802.11a: 26.44 dBm
Output Power Max. for UNII-2A	IEEE 802.11a: 20.65 dBm
Output Power Max. for UNII-2C	IEEE 802.11ac (VHT20): 22.00 dBm
Output Power Max. for UNII-3	IEEE 802.11ac (VHT40): 24.85 dBm

NOTE:

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

(2) Channel List:

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

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

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20) IEEE 802.11ax (HE20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40) IEEE 802.11ax (HE40)		IEEE 802.11ac (VHT80) IEEE 802.11ax (HE80)	
UNII-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				

IEEE 802.11ac(VHT160) IEEE 802.11ax(HE160)	
Channel	Frequency (MHz)
50	5250
114	5570

(3) Table for Filed Antenna:

Ant.	Manufacturer	Part Name	Type	Frequency (MHz)	Gain (dBi)
1	Shenzhen Etheta Communication Technology Co., LTD.	MD28 5G WIFI Antenna 1	PCB	5150-5250&5250-5350&	2.8
2	Shenzhen Etheta Communication Technology Co., LTD.	MD28 5G WIFI Antenna 2	PCB	5470-5725&5725-5850	2.8

Note:

- 1) This EUT supports CDD, and all antenna gains are not equal, so Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=2.8.
For power spectral density measurements, $N_{ANT}=2$, $N_{SS}=1$.
So the Directional gain= $G_{ANT} + \text{Array Gain} = G_{ANT} + 10\log(N_{ANT}/N_{SS})\text{dBi} = 2.8 + 10\log(2/1)\text{dBi} = 5.81$.

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

(5) Table for Antenna Configuration:

Operating Mode	TX Mode	2TX
IEEE 802.11a		V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT20)		V (Ant. 1 + Ant. 2)
IEEE 802.11n (HT40)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac (VHT20)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac (VHT40)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac (VHT80)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac (VHT160)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE80)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE160)		V (Ant. 1 + Ant. 2)

2.2 TEST MODES

Test Items	Test mode	Channel	Note	
AC power line conducted emissions	TX Mode_ IEEE 802.11a	48	-	
Transmitter Radiated Emissions (below 1GHz)	TX Mode_ IEEE 802.11a	48	-	
Transmitter Radiated Emissions (above 1GHz)	TX Mode_ IEEE 802.11a	36/48	Bandedge	
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)			
	TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	38/46		
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	42		
	TX Mode_ IEEE 802.11a	36/40/48	Harmonic	
	TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)			
	TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)	38/46		
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	42		
	Bandwidth & Power Spectral Density	TX Mode_ IEEE 802.11a	36/40/48	-
		TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)		
TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)		38/46		
TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)		42		
Output Power	TX Mode_ IEEE 802.11a	36/40/48	-	
	TX Mode_ IEEE 802.11n (HT20) TX Mode_ IEEE 802.11ac (VHT20) TX Mode_ IEEE 802.11ax (HE20)			
	TX Mode_ IEEE 802.11n (HT40) TX Mode_ IEEE 802.11ac (VHT40) TX Mode_ IEEE 802.11ax (HE40)			38/46
	TX Mode_ IEEE 802.11ac (VHT80) TX Mode_ IEEE 802.11ax (HE80)	42		

NOTE:

- (1) For radiated emission bandedge and harmonic test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
- (2) For AC power line conducted emissions and radiated emission below 1 GHz test, the IEEE 802.11a channel 48 is found to be the worst case and recorded.
- (3) The measurements for Output Power are tested, the worst case are IEEE 802.11a mode, IEEE 802.11ac (VHT20) mode, IEEE 802.11ac (VHT40) mode, IEEE 802.11ac (VHT80) mode, IEEE 802.11ac (VHT160) mode, IEEE 802.1ax (HE20) mode, IEEE 802.11ax (HE40) mode, IEEE 802.11ax (HE80) mode and IEEE 802.11ax (HE160) mode, only the worst cases are documented for other test items.
- (4) NFC is Passive NFC, so no evaluation test is required.

2.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software Version	QSPR_V0.0.8.3		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	21.5	25	26
IEEE 802.11n(HT20)	20.5	22	24
IEEE 802.11ac(VHT20)	21	22.5	24.5
IEEE 802.11ax(HE20)	20.5	22.5	24
Frequency (MHz)	5190	5230	
IEEE 802.11n(HT40)	17	21	
IEEE 802.11ac(VHT40)	17.5	21.5	
IEEE 802.11ax(HE40)	17.5	21.5	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	15.5		
IEEE 802.11ax(HE80)	15.5		

UNII-2A			
Test Software Version	QSPR_V0.0.8.3		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	20	20.5	20.5
IEEE 802.11n(HT20)	20	20.5	20
IEEE 802.11ac(VHT20)	20.5	21	20.5
IEEE 802.11ax(HE20)	20.5	21	20.5
Frequency (MHz)	5270	5310	
IEEE 802.11n(HT40)	20	18.5	
IEEE 802.11ac(VHT40)	20.5	19	
IEEE 802.11ax(HE40)	20.5	19	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	18		
IEEE 802.11ax(HE80)	17.5		

UNII-1+UNII-2A	
Test Software Version	QSPR_V0.0.8.3
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	14.5
IEEE 802.11ax(HE160)	14.5

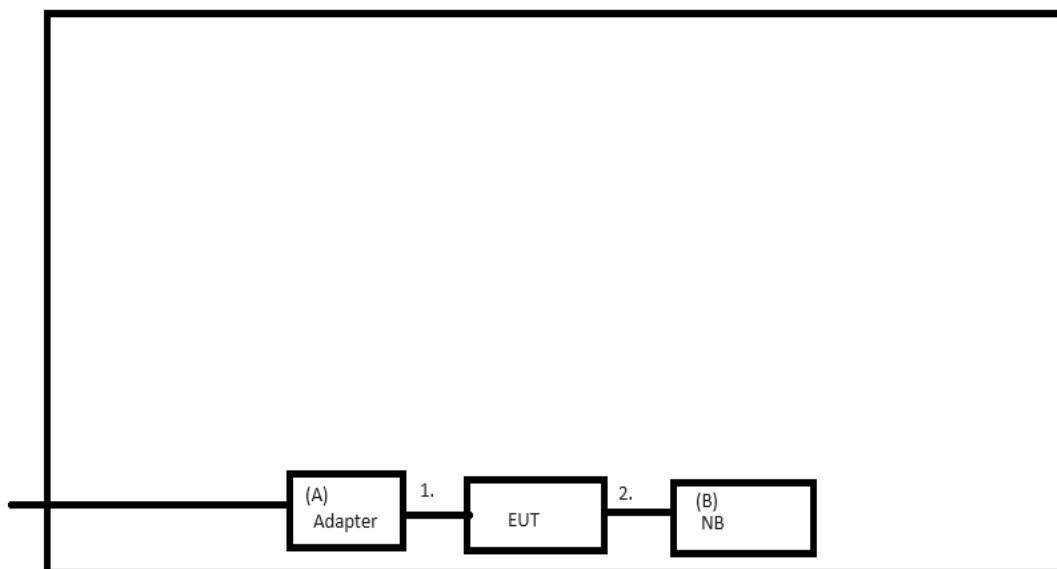
UNII-2C			
Test Software Version	QSPR_V0.0.8.3		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	20.5	20	20
IEEE 802.11n(HT20)	20.5	19.5	19.5
IEEE 802.11ac(VHT20)	21	20	20
IEEE 802.11ax(HE20)	20.5	20.5	20.5
Frequency (MHz)	5510	5550	5670
IEEE 802.11n(HT40)	19	19.5	20
IEEE 802.11ac(VHT40)	19.5	20	20.5
IEEE 802.11ax(HE40)	19.5	20.5	20.5
Frequency (MHz)	5530	5610	
IEEE 802.11ac(VHT80)	16	20.5	
IEEE 802.11ax(HE80)	16	20.5	
Frequency (MHz)	5570		
IEEE 802.11ac(VHT160)	14.5		
IEEE 802.11ax(HE160)	14.5		

UNII-3			
Test Software Version	QSPR_V0.0.8.3		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	23.5	23	23
IEEE 802.11n(HT20)	22	23.5	23.5
IEEE 802.11ac(VHT20)	22.5	24	24
IEEE 802.11ax(HE20)	23.5	24	24
Frequency (MHz)	5755	5795	
IEEE 802.11n(HT40)	24	23.5	
IEEE 802.11ac(VHT40)	24.5	24	
IEEE 802.11ax(HE40)	24	24	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	21		
IEEE 802.11ax(HE80)	21		

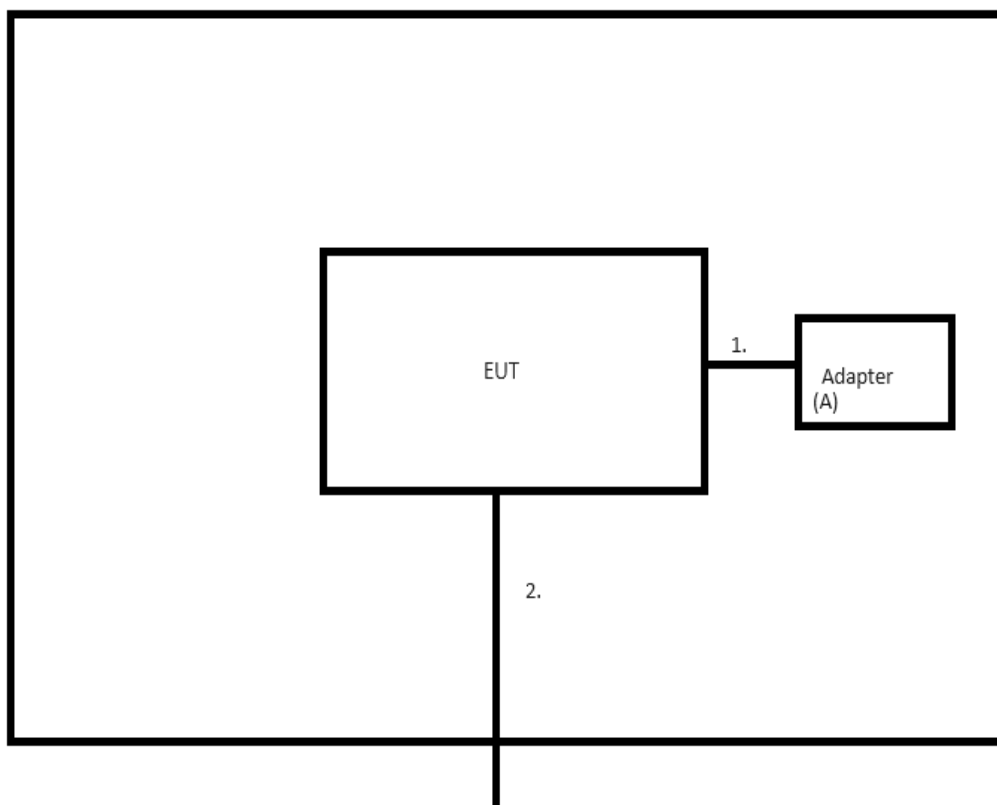
2.4 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.5 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Remarks
A	Adapter	MI	AD-0121200100US-5	Supplied by test requester
B	NB	Lenovo	ThinkBook 14 G4 IAP	Supplied by test lab

Item	Cable Type	Ferrite Core	Length	Shielded	Remarks
1	DC Cable	NO	1m	NO	Supplied by test requester
2	RJ45 Cabel	YES	1m	NO	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		Correct Factor		Measurement Value
38.22	+	3.45	=	41.67

Measurement Value		Limit Value		Margin Level
41.67	-	60	=	-18.33

The following table is the setting of the receiver.

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

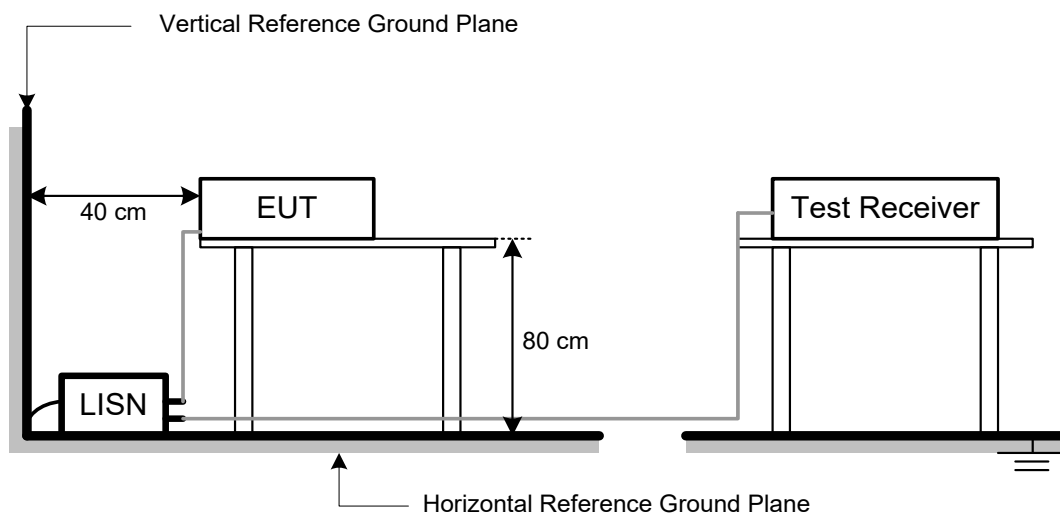
3.2 TEST PROCEDURE

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

NOTE:

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

3.3 TEST SETUP



3.4 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

Frequency (MHz)	EIRP Limit (dBm)	Equivalent Field Strength at 3m (dBμV/m)
5150-5250	-27	68.3
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		Correct Factor		Measurement Value
36.23	+	-11.97	=	24.26

Measurement Value		Limit Value		Margin Level
24.26	-	40	=	-15.74

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

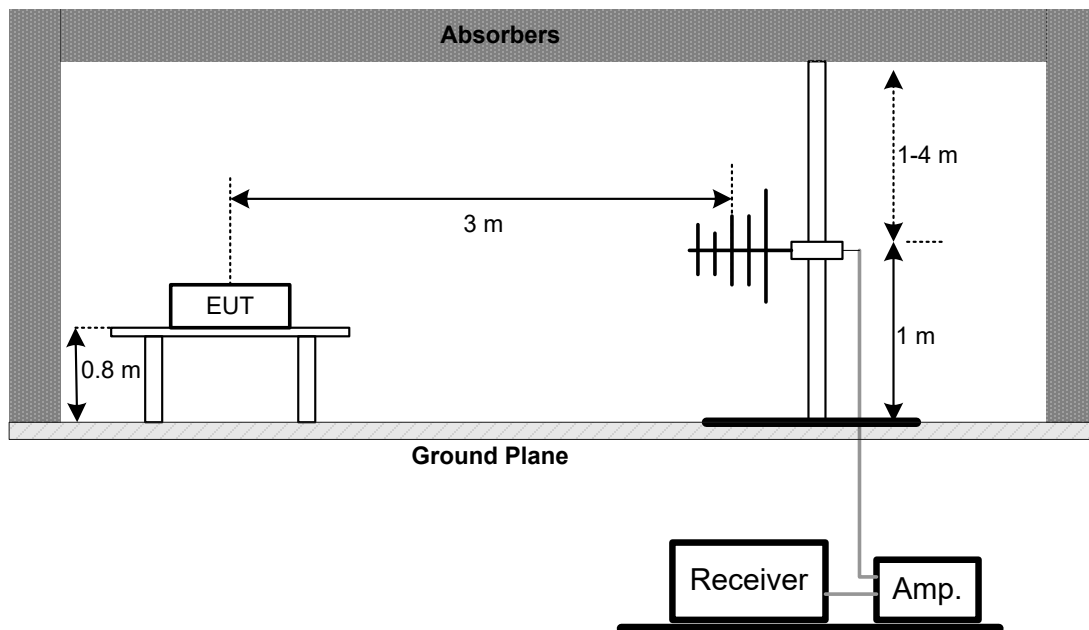
Spectrum Parameter	Setting
Attenuation	Auto
Start ~ Stop Frequency	9KHz~90KHz for PK/AVG detector
Start ~ Stop Frequency	90KHz~110KHz for QP detector
Start ~ Stop Frequency	110KHz~490KHz for PK/AVG detector
Start ~ Stop Frequency	490KHz~30MHz for QP detector
Start ~ Stop Frequency	30MHz~1000MHz for QP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

4.2 TEST PROCEDURE

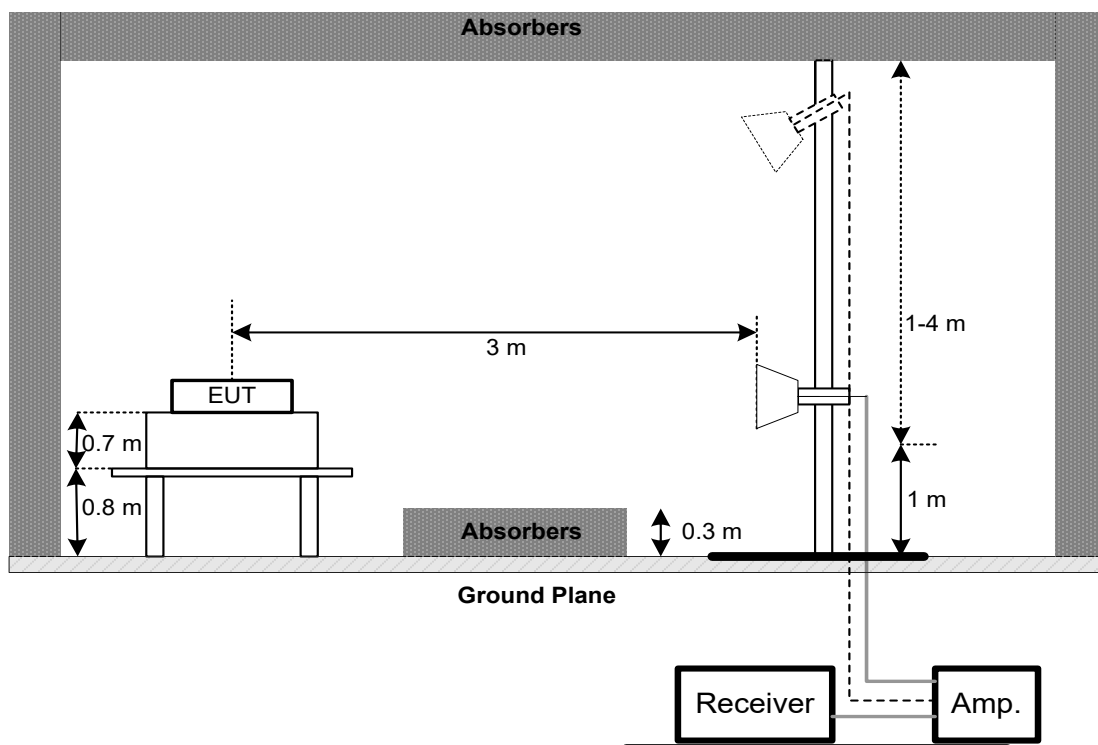
- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of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

4.3 TEST SETUP

30 MHz to 1 GHz



Above 1 GHz



4.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.5 TEST RESULT – BELOW 30 MHZ

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

4.6 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

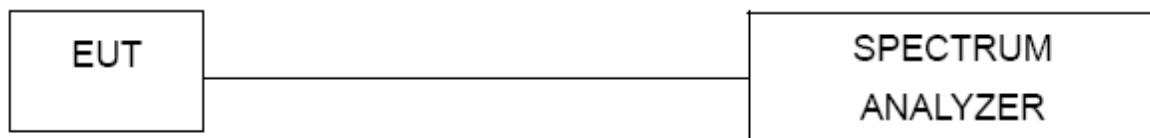
FCC Part15, Subpart E (15.407)		
Section	Test Item	Frequency Range (MHz)
15.407(a)	26 dB Bandwidth	5150-5250
		5250-5350
		5470-5725
	Minimum 500 kHz 6 dB Bandwidth	5725-5850

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
Attenuation	Auto
Span Frequency	> 26 dB Bandwidth
RBW	300 kHz(Bandwidth 20 MHz) 1 MHz(Bandwidth 40 MHz and 80 MHz)
VBW	1 MHz(Bandwidth 20 MHz) 3 MHz(Bandwidth 40 MHz and 80 MHz)
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

5.3 TEST SETUP



5.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.5 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

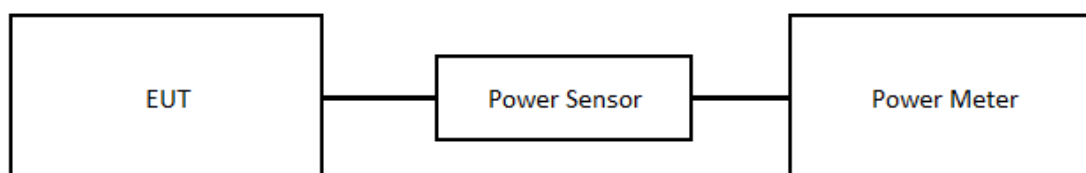
FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Maximum Output Power	Fixed:1 Watt (30 dBm) Mobile and portable: 250 mW (24 dBm)	5150-5250
		250 mW or 11 dBm + 10 log B, where B is the 26 dB emission bandwidth in megahertz	5250-5350
			5470-5725
		1 Watt (30dBm)	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

- The EUT was directly connected to the power meter and antenna output port as show in the block diagram below.
- The maximum peak conducted output power was performed in accordance with method of clause E. 3. a) FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.
 - Method PM (Measurement using an RF average power meter):
 - 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.
 - If the transmitter does not transmit continuously, measure the duty cycle, x, of the transmitter output signal as described in II.B.
 - Measure the average power of the transmitter. This measurement is an average over both the on and off periods of the transmitter.
 - Adjust the measurement in dBm by adding 10 log (1/x) where x is the duty cycle (e.g., 10 log (1/0.25) if the duty cycle is 25%).

6.3 TEST SETUP



6.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.5 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

FCC Part15, Subpart E (15.407)			
Section	Test Item	Limit	Frequency Range (MHz)
15.407(a)	Power Spectral Density	Other than Mobile and portable: 17 dBm/MHz	5150-5250
		Mobile and portable: 11 dBm/MHz	
		11 dBm/MHz	5250-5350
		30 dBm/500 kHz	5470-5725
			5725-5850

7.2 TEST PROCEDURE

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

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 TEST SETUP



7.4 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.5 TEST RESULT

Please refer to the APPENDIX F.

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

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Broad-Band Horn Antenna	RFSPIN	DRH18-E	210109A18E	2024/1/10	2025/1/9
2	Pre-Amplifier	EMCI	EMC051845SE	980779	2023/12/11	2024/12/10
3	Test Cable	EMCI	EMC105-SM-SM-1000	210119	2023/12/11	2024/12/10
4	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01207	2023/12/18	2024/12/17
5	EMI Test Receiver	Keysight	N9038A	MY54130009	2023/6/26	2024/6/25
6	Pre-Amplifier	EMCI	EMC001330-202 01222	980807	2023/12/11	2024/12/10
7	Measurement Software	Farad	EZ EMC (Ver. NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 30	100854	2023/6/26	2024/6/25

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	USB Peak Power Sensor	Anritsu	MA24408A	12591	2023/10/25	2024/10/24

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

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

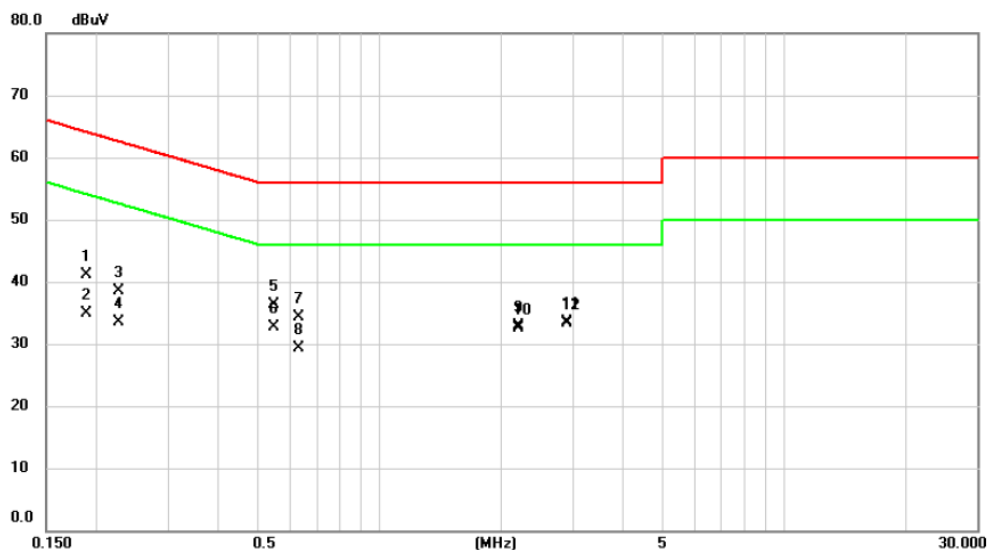
Please refer to APPENDIX-TEST PHOTOS

10 EUT PHOTOS

Please refer to APPENDIX-EUT PHOTOS

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

Test Mode	IEEE 802.11a	Tested Date	2024/4/23
Test Frequency	5240MHz	Phase	Line

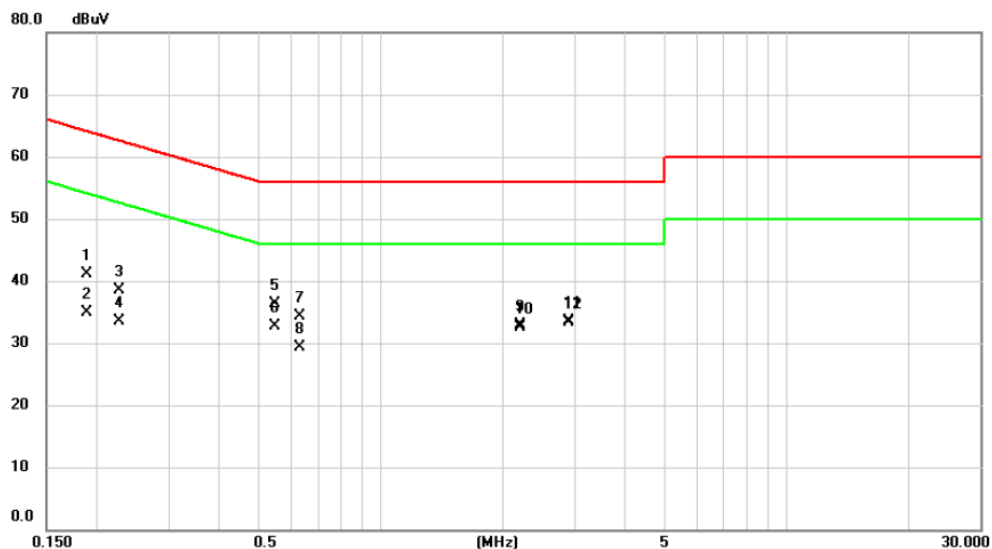


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1	0.1892	31.48	9.66	41.14	64.07	-22.93	QP	
2	0.1892	25.27	9.66	34.93	54.07	-19.14	AVG	
3	0.2263	28.80	9.66	38.46	62.58	-24.12	QP	
4	0.2263	23.94	9.66	33.60	52.58	-18.98	AVG	
5	0.5495	26.61	9.69	36.30	56.00	-19.70	QP	
6	0.5495	23.04	9.69	32.73	46.00	-13.27	AVG	
7	0.6305	24.57	9.70	34.27	56.00	-21.73	QP	
8	0.6305	19.55	9.70	29.25	46.00	-16.75	AVG	
9	2.2010	23.04	9.81	32.85	56.00	-23.15	QP	
10	2.2010	22.77	9.81	32.58	46.00	-13.42	AVG	
11	2.9120	23.66	9.85	33.51	56.00	-22.49	QP	
12 *	2.9120	23.37	9.85	33.22	46.00	-12.78	AVG	

REMARKS:

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

Test Mode	IEEE 802.11a	Tested Date	2024/4/23
Test Frequency	5240MHz	Phase	Neutral



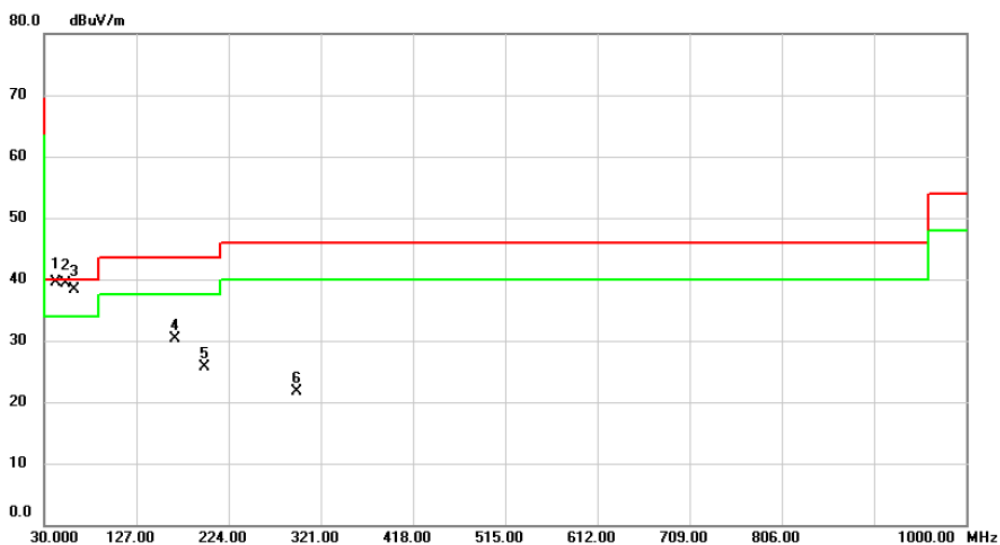
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV	Limit dBuV	Margin dB	Detector	Comment
1		0.1892	31.48	9.66	41.14	64.07	-22.93	QP	
2		0.1892	25.27	9.66	34.93	54.07	-19.14	AVG	
3		0.2263	28.80	9.66	38.46	62.58	-24.12	QP	
4		0.2263	23.94	9.66	33.60	52.58	-18.98	AVG	
5		0.5495	26.61	9.69	36.30	56.00	-19.70	QP	
6		0.5495	23.04	9.69	32.73	46.00	-13.27	AVG	
7		0.6305	24.57	9.70	34.27	56.00	-21.73	QP	
8		0.6305	19.55	9.70	29.25	46.00	-16.75	AVG	
9		2.2010	23.04	9.81	32.85	56.00	-23.15	QP	
10		2.2010	22.77	9.81	32.58	46.00	-13.42	AVG	
11		2.9120	23.66	9.85	33.51	56.00	-22.49	QP	
12	*	2.9120	23.37	9.85	33.22	46.00	-12.78	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 802.11a	Test Date	2024/4/16
Test Frequency	5240MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

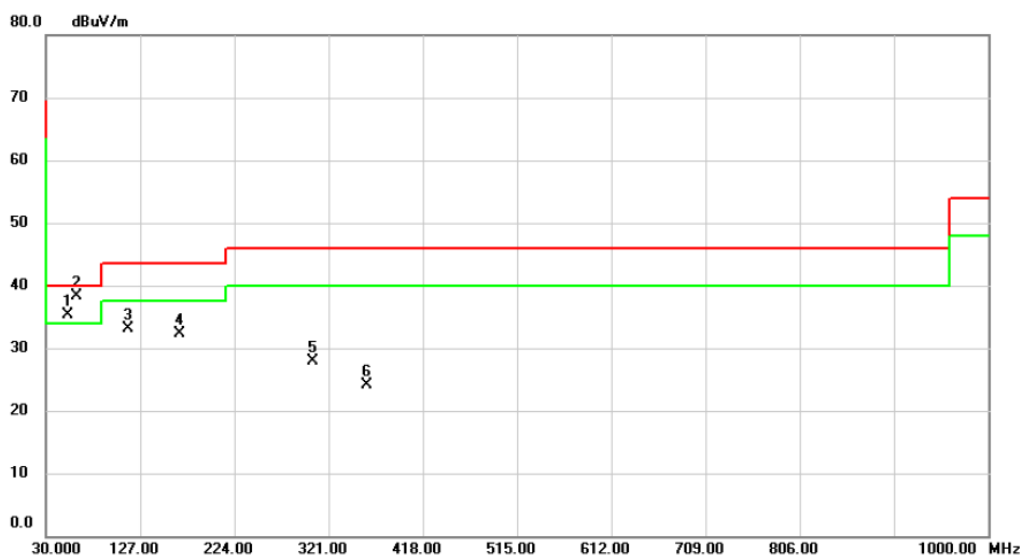


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1 *	41.6400	51.96	-12.36	39.60	40.00	-0.40	QP	100	104	
2	52.3100	50.80	-11.48	39.32	40.00	-0.68	QP	100	59	
3	62.0100	50.43	-12.19	38.24	40.00	-1.76	QP	100	220	
4	167.7400	41.87	-11.62	30.25	43.50	-13.25	peak	100	210	
5	198.7800	39.80	-14.17	25.63	43.50	-17.87	peak	100	259	
6	295.7800	31.98	-10.29	21.69	46.00	-24.31	peak	100	146	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/16
Test Frequency	5240MHz	Polarization	Horizontal
Temp	24°C	Hum.	62%



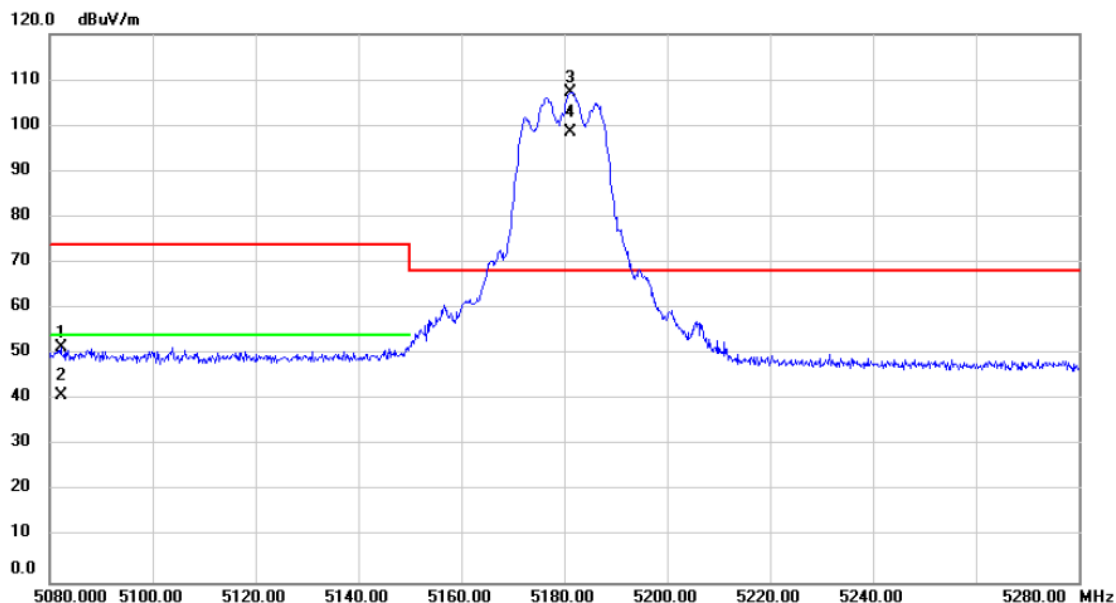
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1	52.3100	46.84	-11.48	35.36	40.00	-4.64	peak	200	153
2 *	62.0100	50.40	-12.19	38.21	40.00	-1.79	peak	200	194
3	114.3900	47.62	-14.43	33.19	43.50	-10.31	peak	200	112
4	167.7400	43.95	-11.62	32.33	43.50	-11.17	peak	200	273
5	304.5100	38.03	-10.13	27.90	46.00	-18.10	peak	100	90
6	359.8000	32.80	-8.64	24.16	46.00	-21.84	peak	100	123

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	2024/4/15
Test Frequency	5180MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

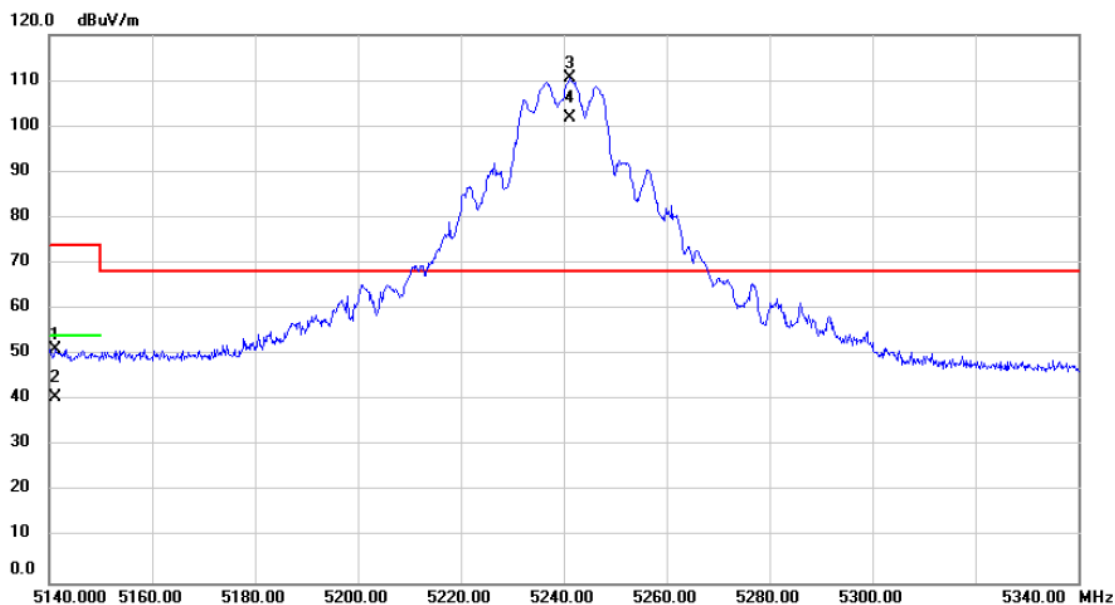


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		5082.200	41.78	9.75	51.53	74.00	-22.47	peak			
2		5082.200	31.09	9.75	40.84	54.00	-13.16	AVG			
3	*	5181.200	97.43	9.84	107.27	68.20	39.07	peak			No Limit
4	X	5181.200	88.56	9.84	98.40	68.20	30.20	AVG			No Limit

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5240MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



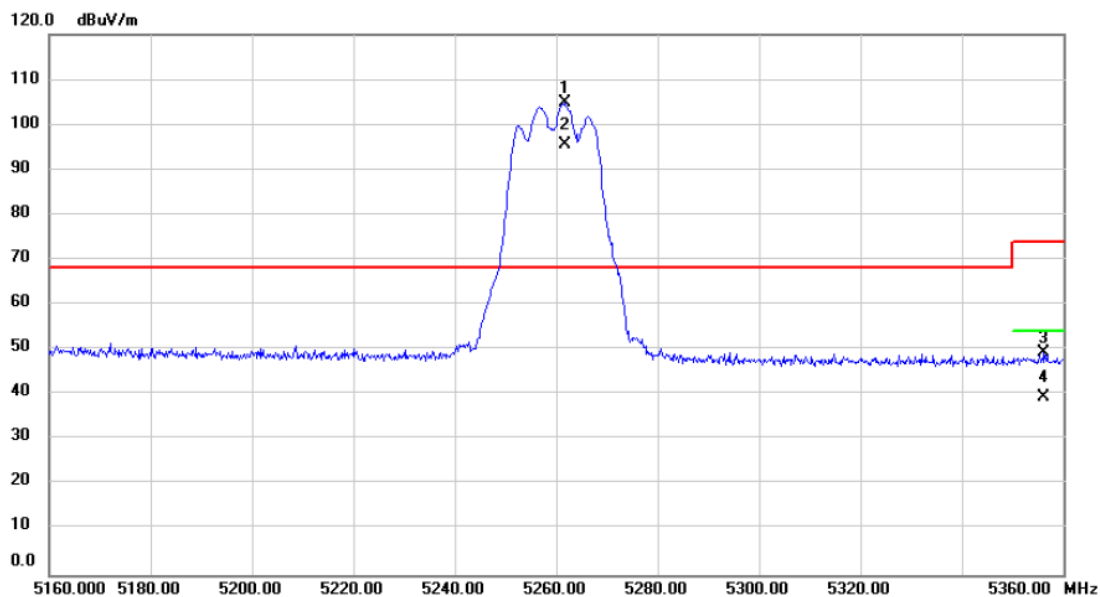
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5141.200	41.43	9.79	51.22	74.00	-22.78	peak		
2		5141.200	31.00	9.79	40.79	54.00	-13.21	AVG		
3	*	5241.200	100.50	9.90	110.40	68.20	42.20	peak		No Limit
4	X	5241.200	91.93	9.90	101.83	68.20	33.63	AVG		No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5260MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

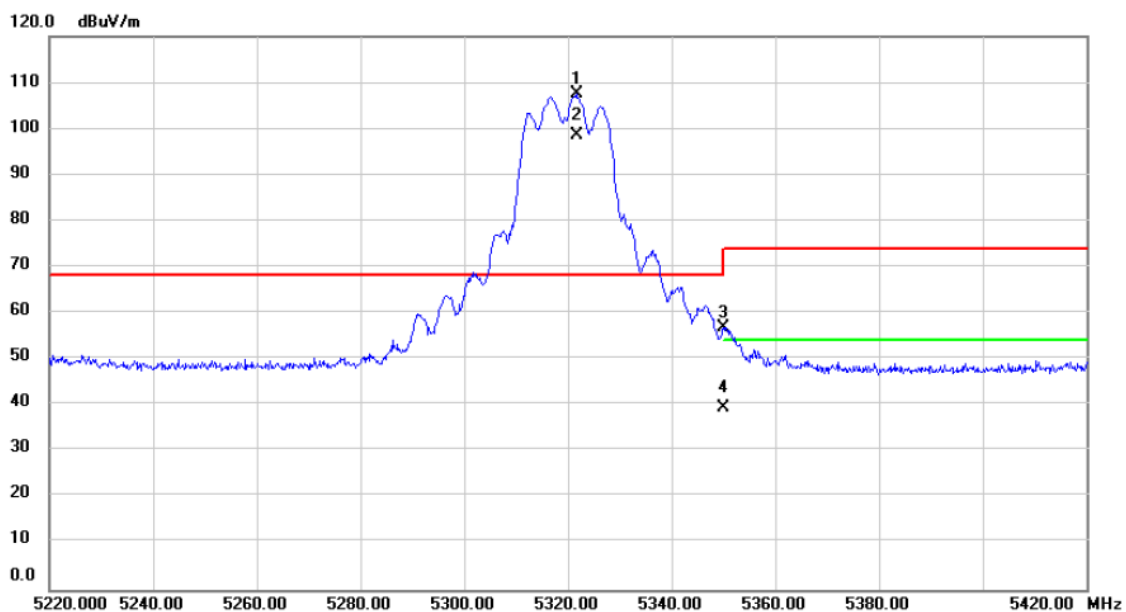


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1	*	5261.600	94.91	9.92	104.83	68.20	36.63	peak		No Limit
2	X	5261.600	85.54	9.92	95.46	68.20	27.26	AVG		No Limit
3		5356.200	39.34	10.01	49.35	74.00	-24.65	peak		
4		5356.200	29.52	10.01	39.53	54.00	-14.47	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5320MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



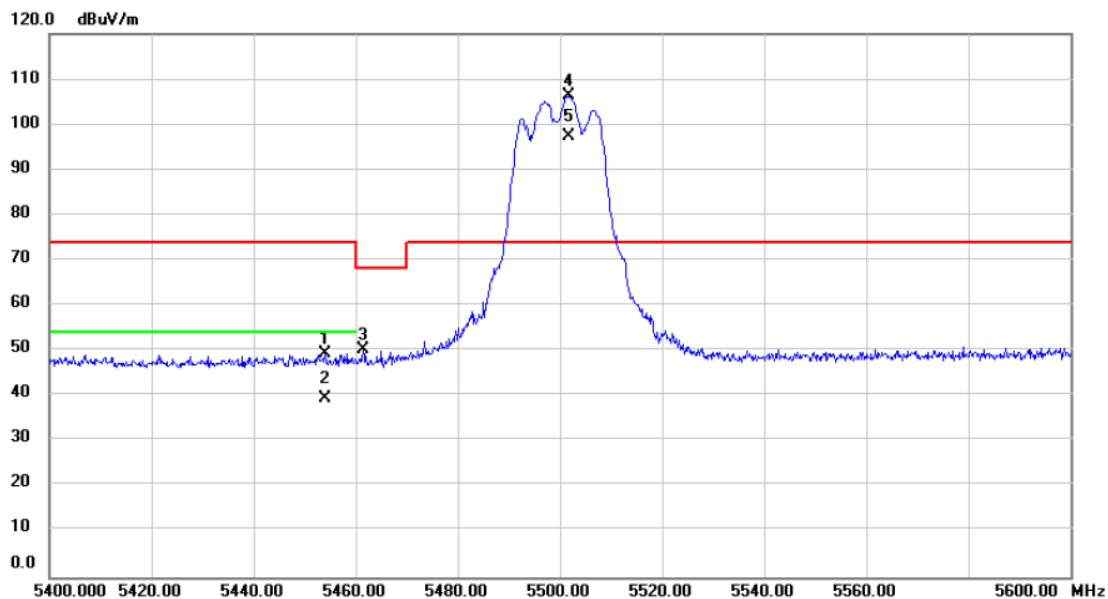
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5321.600	97.45	9.97	107.42	68.20	39.22	peak		No Limit
2	X	5321.600	88.45	9.97	98.42	68.20	30.22	AVG		No Limit
3		5350.000	46.95	10.00	56.95	74.00	-17.05	peak		
4		5350.000	29.38	10.00	39.38	54.00	-14.62	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5500MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

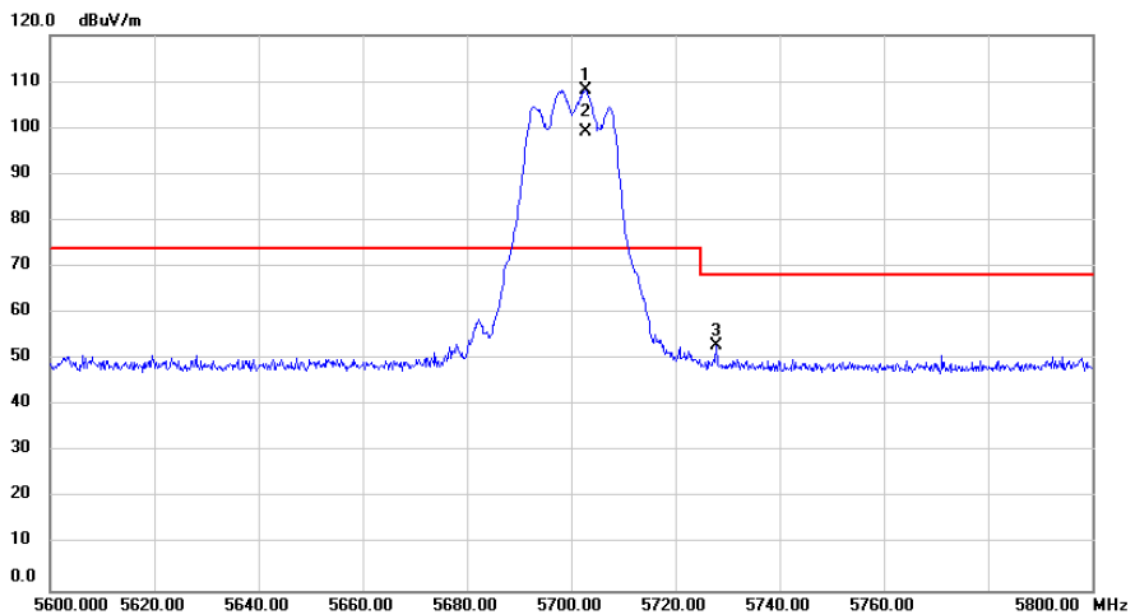


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5454.000	39.23	10.10	49.33	74.00	-24.67	peak			
2		5454.000	29.44	10.10	39.54	54.00	-14.46	AVG			
3		5461.400	40.08	10.11	50.19	68.20	-18.01	peak			
4	*	5501.800	96.12	10.14	106.26	74.00	32.26	peak			No Limit
5	X	5501.800	87.12	10.14	97.26	74.00	23.26	AVG			No Limit

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5700MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



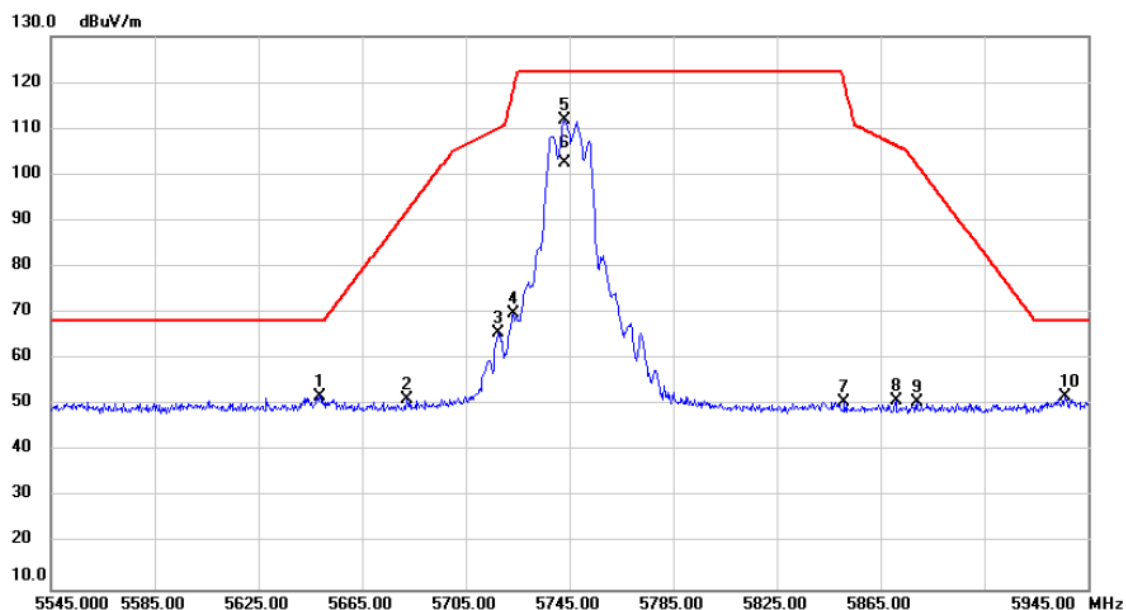
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5702.800	97.69	10.50	108.19	74.00	34.19	peak		No Limit
2	X	5702.800	88.60	10.50	99.10	74.00	25.10	AVG		No Limit
3		5727.800	42.45	10.54	52.99	68.20	-15.21	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5745MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

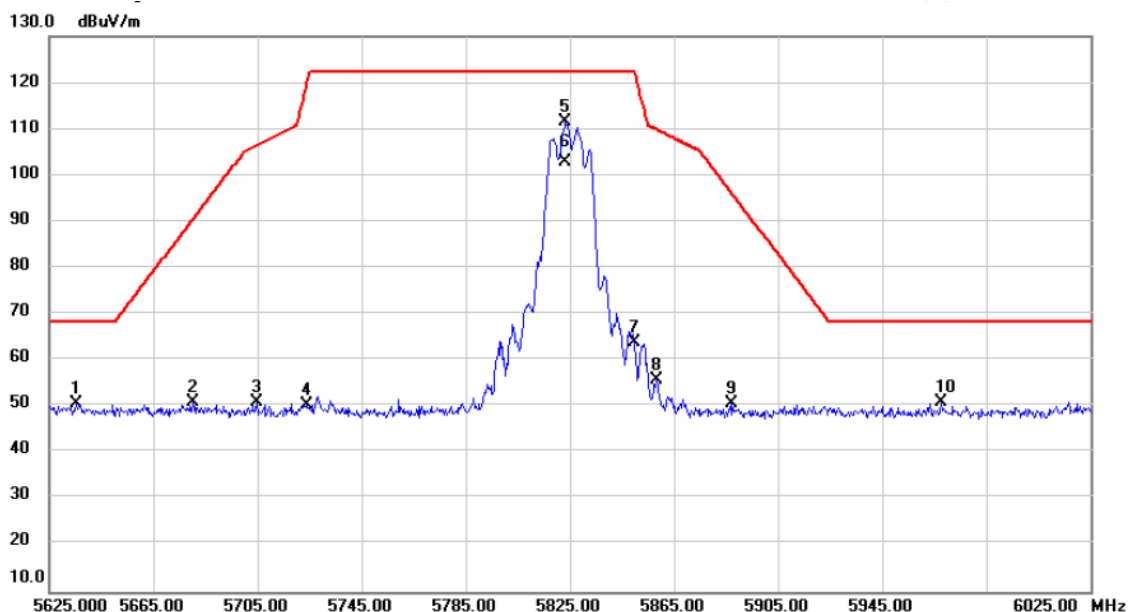


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Detector	Comment
1		5648.600	41.59	10.41	52.00	68.20	-16.20			peak	
2		5682.200	40.89	10.47	51.36	92.07	-40.71			peak	
3		5717.400	54.98	10.53	65.51	110.07	-44.56			peak	
4		5723.400	59.17	10.54	69.71	118.55	-48.84			peak	
5	*	5743.400	101.39	10.58	111.97	122.20	-10.23			peak	No Limit
6		5743.400	91.87	10.58	102.45	122.20	-19.75			AVG	No Limit
7		5851.000	39.87	10.77	50.64	119.92	-69.28			peak	
8		5871.000	40.04	10.81	50.85	106.32	-55.47			peak	
9		5879.000	39.98	10.82	50.80	102.23	-51.43			peak	
10		5936.200	40.89	10.93	51.82	68.20	-16.38			peak	

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/15
Test Frequency	5825MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



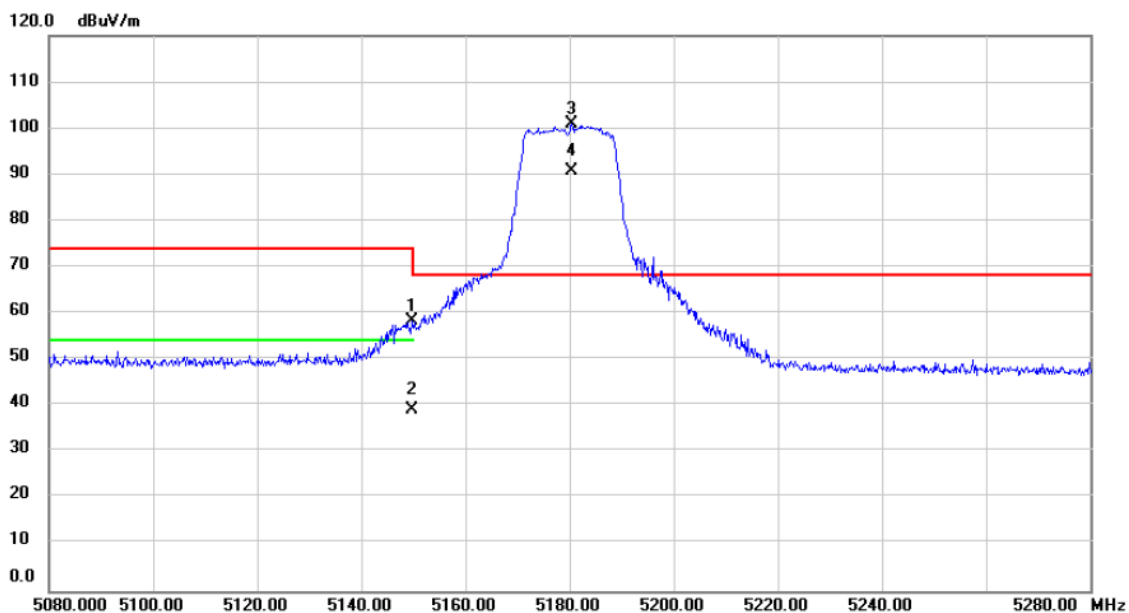
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5635.400	40.27	10.38	50.65	68.20	-17.55	peak			
2		5680.200	40.35	10.47	50.82	90.59	-39.77	peak			
3		5704.600	40.37	10.51	50.88	106.49	-55.61	peak			
4		5723.800	39.72	10.54	50.26	119.46	-69.20	peak			
5	*	5823.400	100.90	10.72	111.62	122.20	-10.58	peak			No Limit
6		5823.400	92.04	10.72	102.76	122.20	-19.44	AVG			No Limit
7		5849.800	52.98	10.77	63.75	122.20	-58.45	peak			
8		5858.200	44.87	10.78	55.65	109.90	-54.25	peak			
9		5887.000	39.72	10.83	50.55	96.29	-45.74	peak			
10		5967.800	40.10	10.98	51.08	68.20	-17.12	peak			

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5180MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



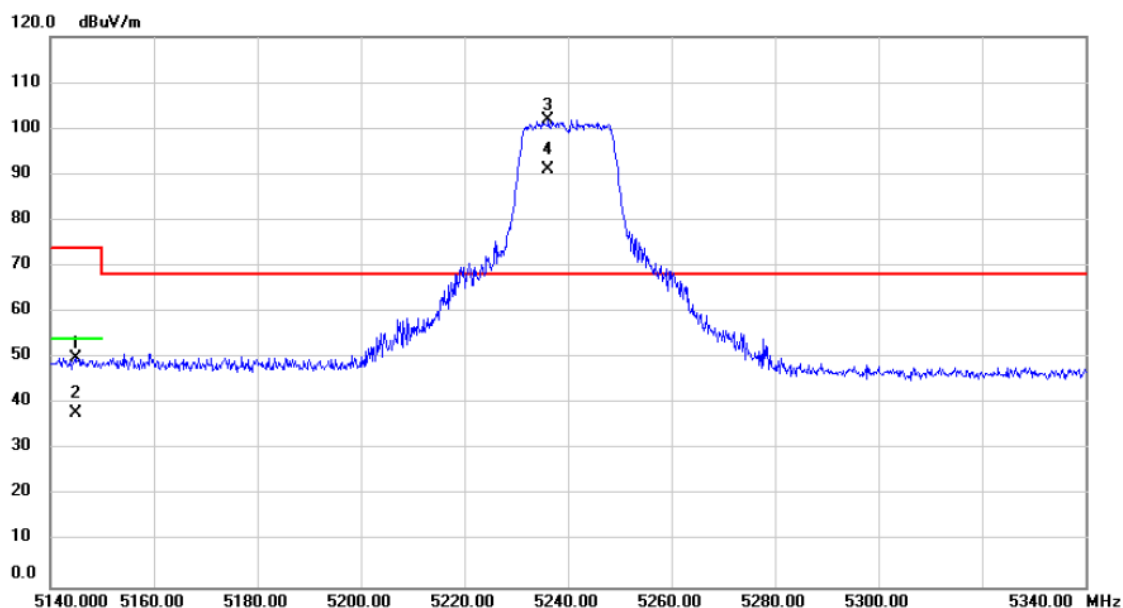
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5149.800	48.41	9.81	58.22	74.00	-15.78	peak		
2		5149.800	29.32	9.81	39.13	54.00	-14.87	AVG		
3	*	5180.400	90.97	9.84	100.81	68.20	32.61	peak		No Limit
4	X	5180.400	80.81	9.84	90.65	68.20	22.45	AVG		No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5240MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



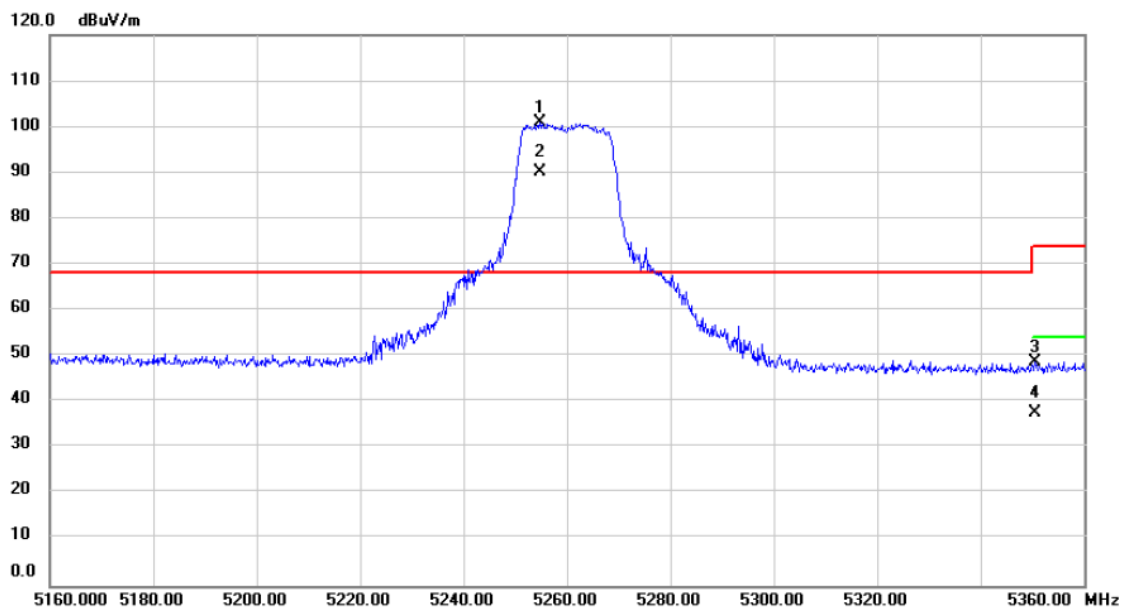
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1		5144.800	40.23	9.81	50.04	74.00	-23.96	peak			
2		5144.800	28.11	9.81	37.92	54.00	-16.08	AVG			
3	*	5236.200	92.06	9.89	101.95	68.20	33.75	peak			No Limit
4	X	5236.200	81.25	9.89	91.14	68.20	22.94	AVG			No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5260MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

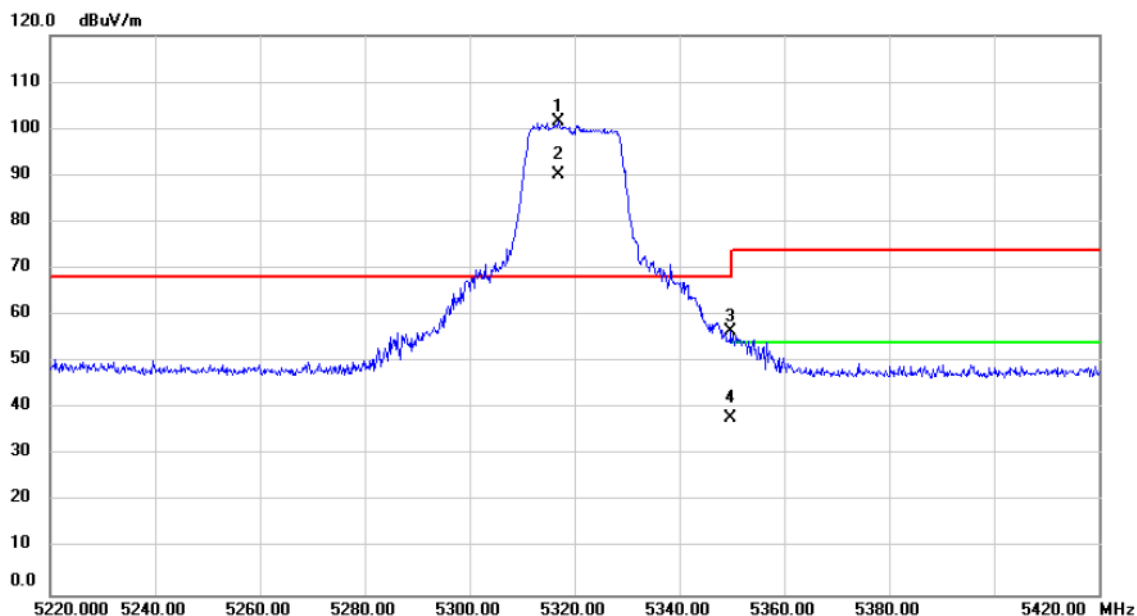


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5254.800	90.92	9.90	100.82	68.20	32.62	peak		No Limit
2	X	5254.800	80.22	9.90	90.12	68.20	21.92	AVG		No Limit
3		5350.600	38.86	10.00	48.86	74.00	-25.14	peak		
4		5350.600	27.70	10.00	37.70	54.00	-16.30	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5320MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



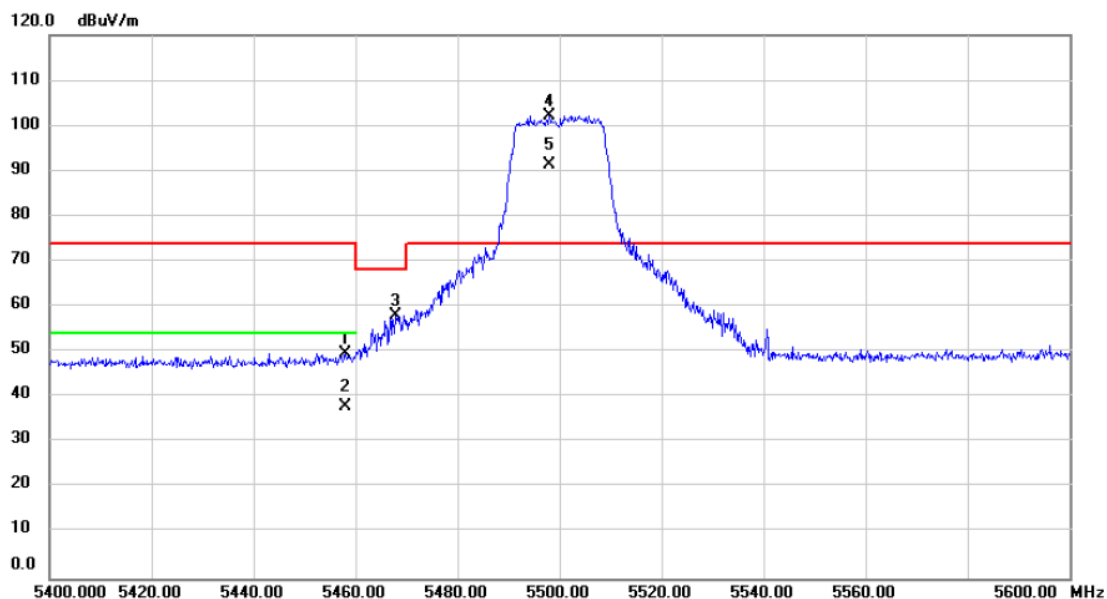
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5316.800	91.58	9.96	101.54	68.20	33.34	peak		No Limit
2	X	5316.800	80.10	9.96	90.06	68.20	21.86	AVG		No Limit
3		5349.800	46.64	10.00	56.64	68.20	-11.56	peak		
4		5349.800	27.83	10.00	37.83	68.20	-30.37	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5500MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

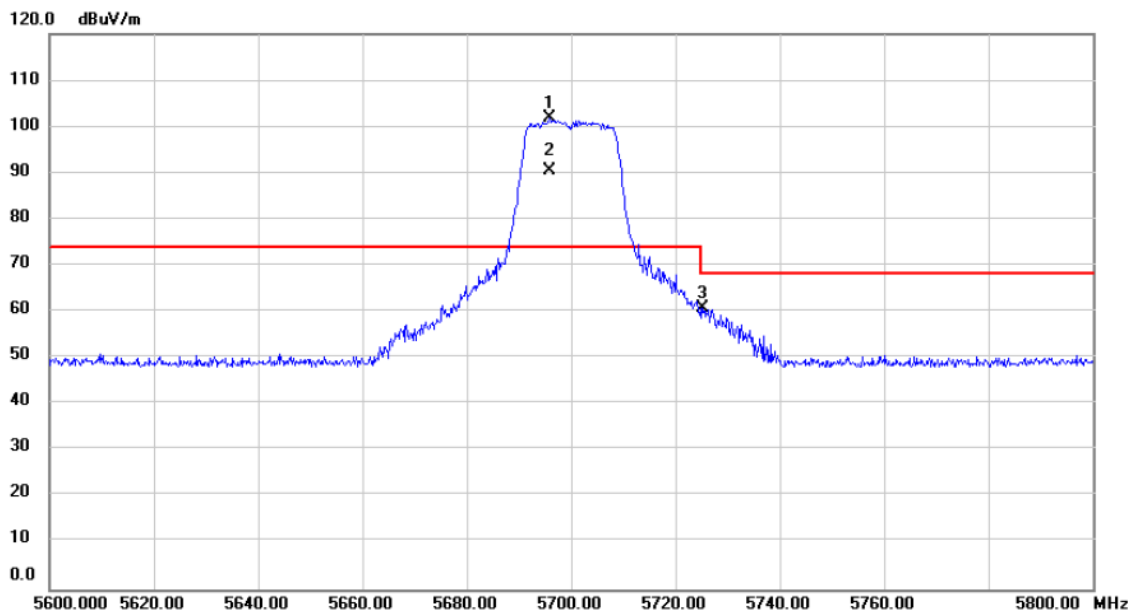


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5458.000	39.69	10.10	49.79	74.00	-24.21			peak
2		5458.000	27.94	10.10	38.04	54.00	-15.96			AVG
3		5467.800	48.00	10.11	58.11	68.20	-10.09			peak
4	*	5498.000	92.15	10.14	102.29	74.00	28.29			No Limit
5	X	5498.000	81.27	10.14	91.41	74.00	17.41			AVG

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5700MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

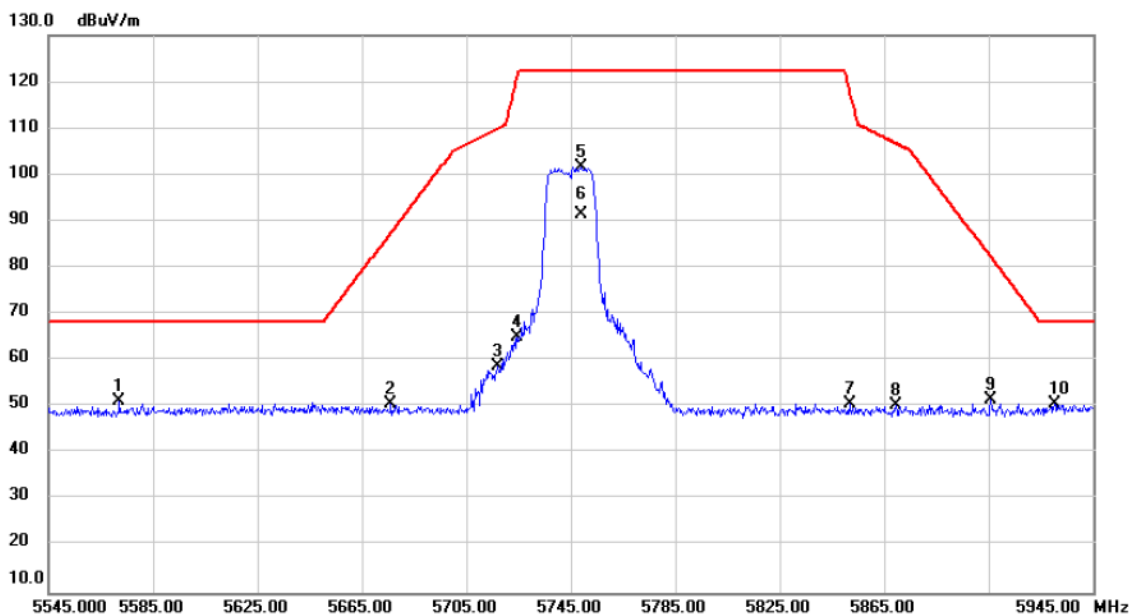


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5695.800	91.44	10.48	101.92	74.00	27.92	peak		No Limit
2	X	5695.800	80.03	10.48	90.51	74.00	16.51	AVG		No Limit
3		5725.200	50.19	10.54	60.73	68.20	-7.47	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5745MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

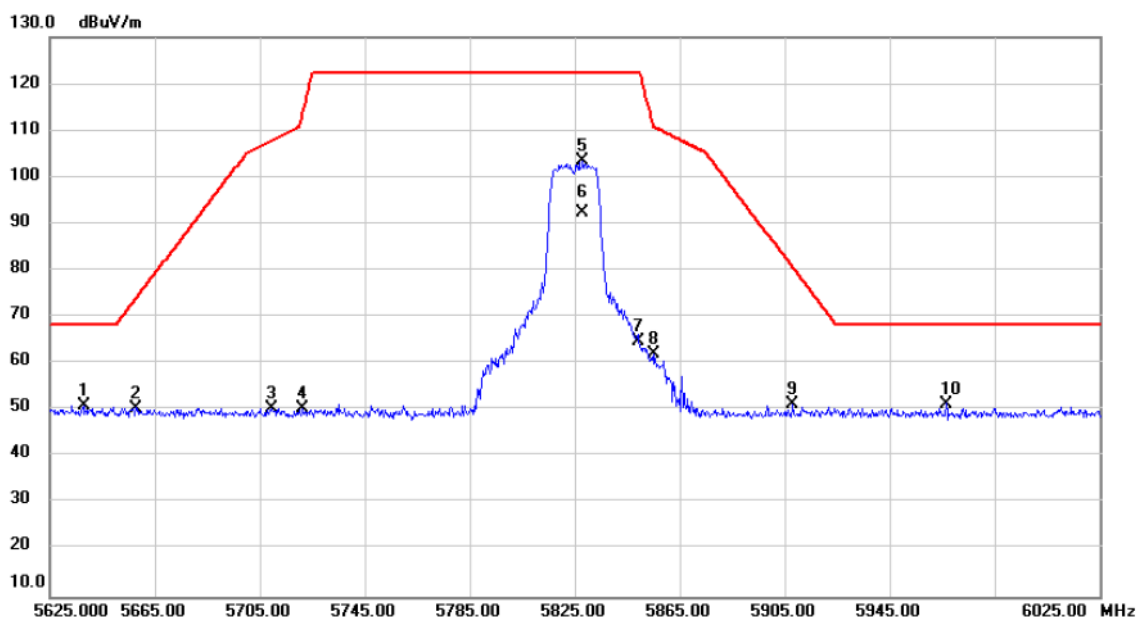


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5572.200	41.08	10.27	51.35	68.20	-16.85	peak		
2		5676.200	40.08	10.46	50.54	87.63	-37.09	peak		
3		5717.000	48.30	10.53	58.83	109.96	-51.13	peak		
4		5724.600	54.40	10.54	64.94	121.29	-56.35	peak		
5		5749.000	91.04	10.59	101.63	122.20	-20.57	peak		No Limit
6		5749.000	80.81	10.59	91.40	122.20	-30.80	AVG		No Limit
7		5851.800	39.74	10.77	50.51	118.09	-67.58	peak		
8		5869.400	39.65	10.80	50.45	106.77	-56.32	peak		
9		5905.800	40.65	10.88	51.53	82.37	-30.84	peak		
10		5930.200	39.65	10.92	50.57	68.20	-17.63	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/15
Test Frequency	5825MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

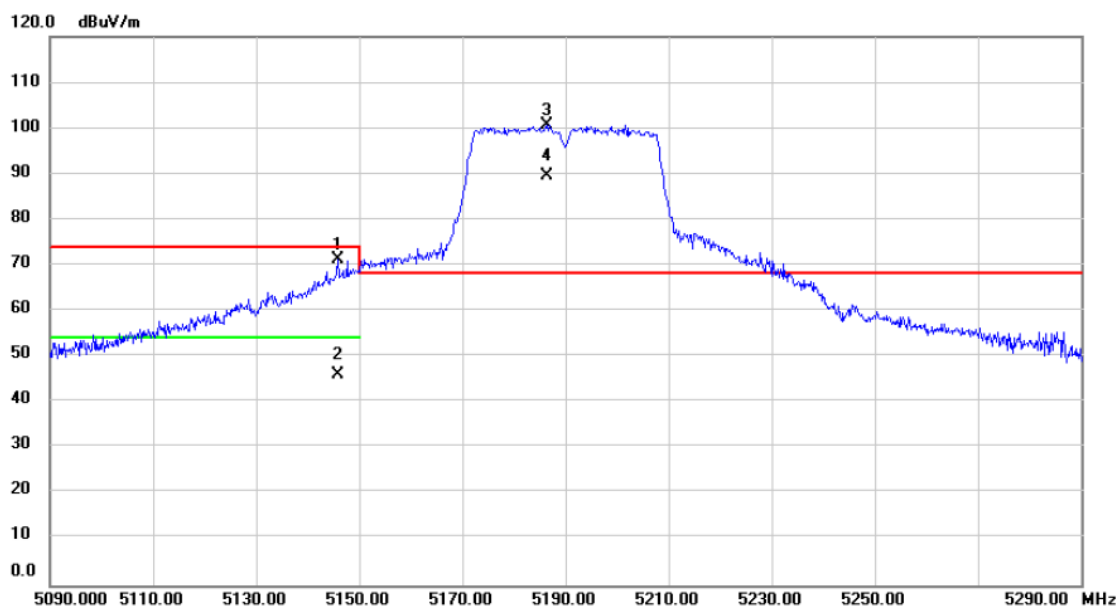


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5637.800	40.55	10.39	50.94	68.20	-17.26	peak		
2		5657.800	40.07	10.43	50.50	73.99	-23.49	peak		
3		5709.400	39.87	10.51	50.38	107.83	-57.45	peak		
4		5721.400	39.69	10.54	50.23	113.99	-63.76	peak		
5		5828.200	92.64	10.72	103.36	122.20	-18.84	peak		No Limit
6		5828.200	81.75	10.72	92.47	122.20	-29.73	AVG		No Limit
7		5849.400	53.85	10.77	64.62	122.20	-57.58	peak		
8		5855.000	51.13	10.78	61.91	110.80	-48.89	peak		
9		5908.200	40.40	10.88	51.28	80.60	-29.32	peak		
10	*	5966.600	40.42	10.98	51.40	68.20	-16.80	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/15
Test Frequency	5190MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



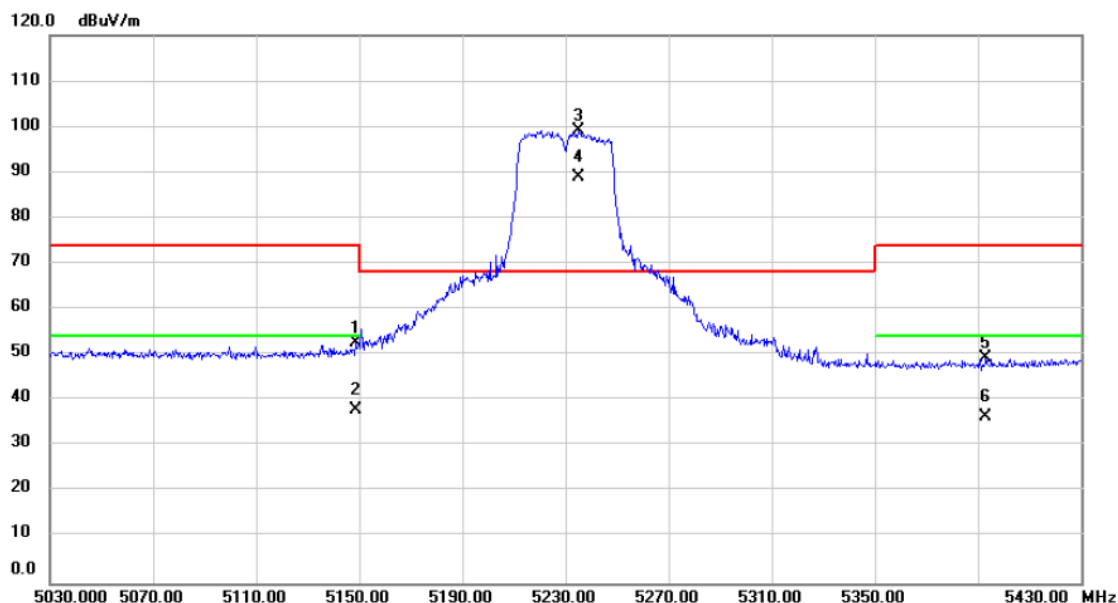
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5145.800	61.35	9.81	71.16	74.00	-2.84	peak		
2		5145.800	36.11	9.81	45.92	54.00	-8.08	AVG		
3	*	5186.400	90.77	9.85	100.62	68.20	32.42	peak		No Limit
4	X	5186.400	79.56	9.85	89.41	68.20	21.21	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	2024/4/15
Test Frequency	5230MHz	Polarization	Vertical
Temp	24°C	Hum.	62%



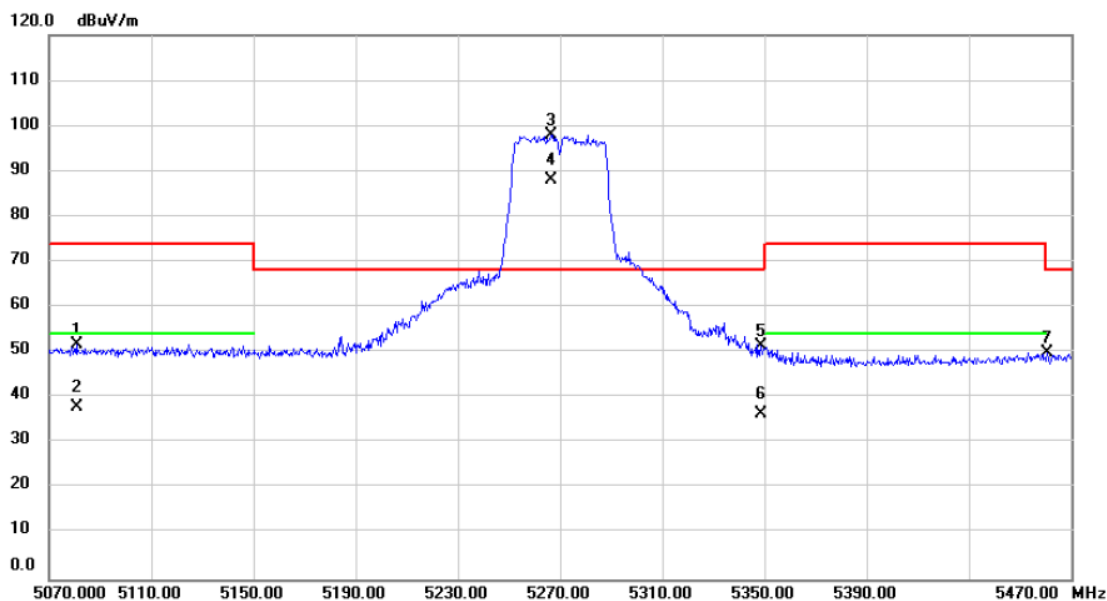
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5148.800	42.96	9.81	52.77	74.00	-21.23	peak		
2		5148.800	28.25	9.81	38.06	54.00	-15.94	AVG		
3	*	5234.800	89.16	9.89	99.05	68.20	30.85	peak		No Limit
4	X	5234.800	79.05	9.89	88.94	68.20	20.74	AVG		No Limit
5		5393.200	39.33	10.04	49.37	74.00	-24.63	peak		
6		5393.200	26.44	10.04	36.48	54.00	-17.52	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/15
Test Frequency	5270MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

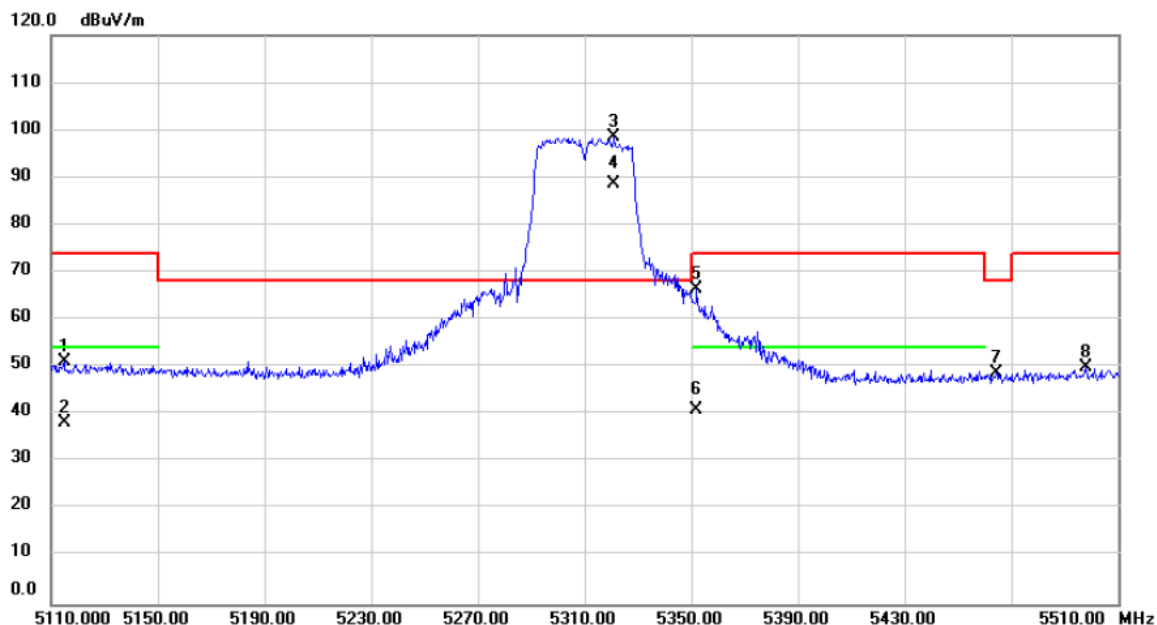


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Comment
1		5080.800	42.06	9.75	51.81	74.00	-22.19	peak		
2		5080.800	28.19	9.75	37.94	54.00	-16.06	AVG		
3	*	5266.400	88.17	9.92	98.09	68.20	29.89	peak		No Limit
4	X	5266.400	78.15	9.92	88.07	68.20	19.87	AVG		No Limit
5		5348.800	41.57	10.00	51.57	68.20	-16.63	peak		
6		5348.800	26.56	10.00	36.56	68.20	-31.64	AVG		
7		5460.800	39.82	10.11	49.93	68.20	-18.27	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/15
Test Frequency	5310MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

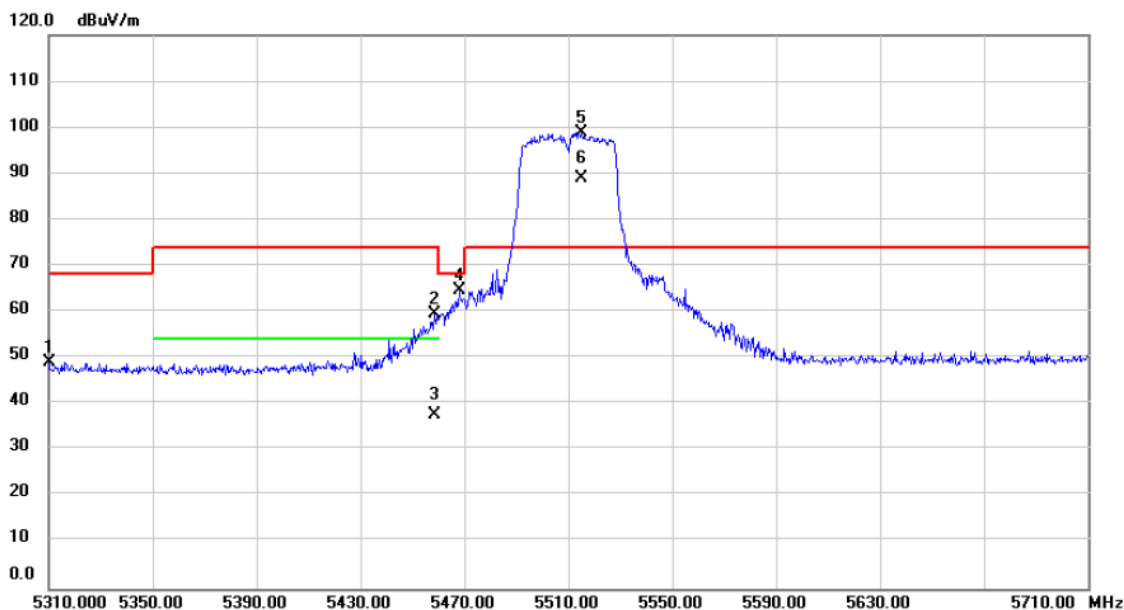


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5114.800	41.25	9.78	51.03	74.00	-22.97	peak			
2		5114.800	28.38	9.78	38.16	74.00	-35.84	peak			
3	*	5321.200	88.44	9.97	98.41	68.20	30.21	peak			No Limit
4	X	5321.200	78.55	9.97	88.52	68.20	20.32	AVG			No Limit
5		5352.000	56.60	10.00	66.60	74.00	-7.40	peak			
6		5352.000	30.98	10.00	40.98	54.00	-13.02	AVG			
7		5464.400	38.57	10.11	48.68	68.20	-19.52	peak			
8		5498.000	39.90	10.14	50.04	74.00	-23.96	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/15
Test Frequency	5510MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

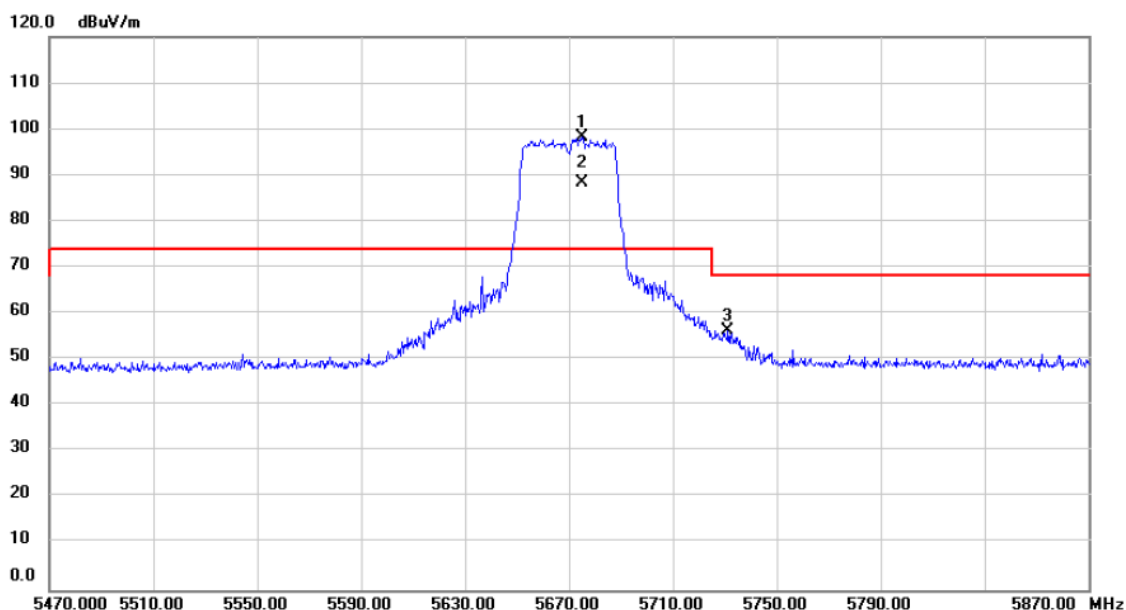


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5310.000	39.15	9.96	49.11	68.20	-19.09	peak		
2		5458.400	49.45	10.11	59.56	74.00	-14.44	peak		
3		5458.400	27.67	10.11	37.78	54.00	-16.22	AVG		
4		5468.000	54.45	10.11	64.56	68.20	-3.64	peak		
5	*	5515.200	88.79	10.17	98.96	74.00	24.96	peak		No Limit
6	X	5515.200	78.85	10.17	89.02	74.00	15.02	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	2024/4/15
Test Frequency	5670MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

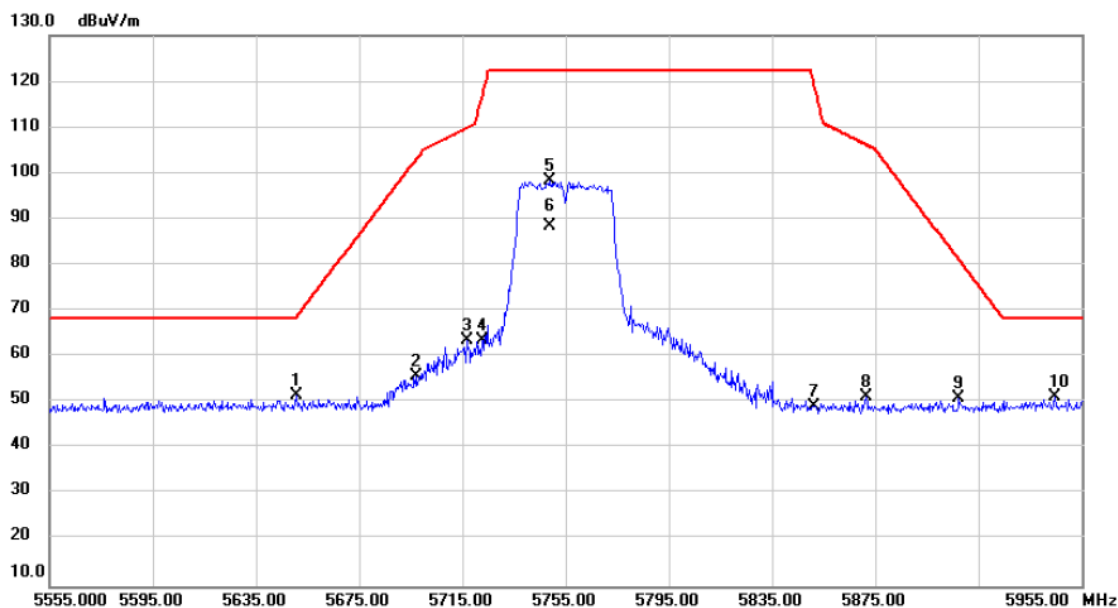


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5674.800	87.74	10.46	98.20	74.00	24.20	peak		No Limit
2	X	5674.800	77.77	10.46	88.23	74.00	14.23	AVG		No Limit
3		5731.200	45.65	10.56	56.21	68.20	-11.99	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/16
Test Frequency	5755MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

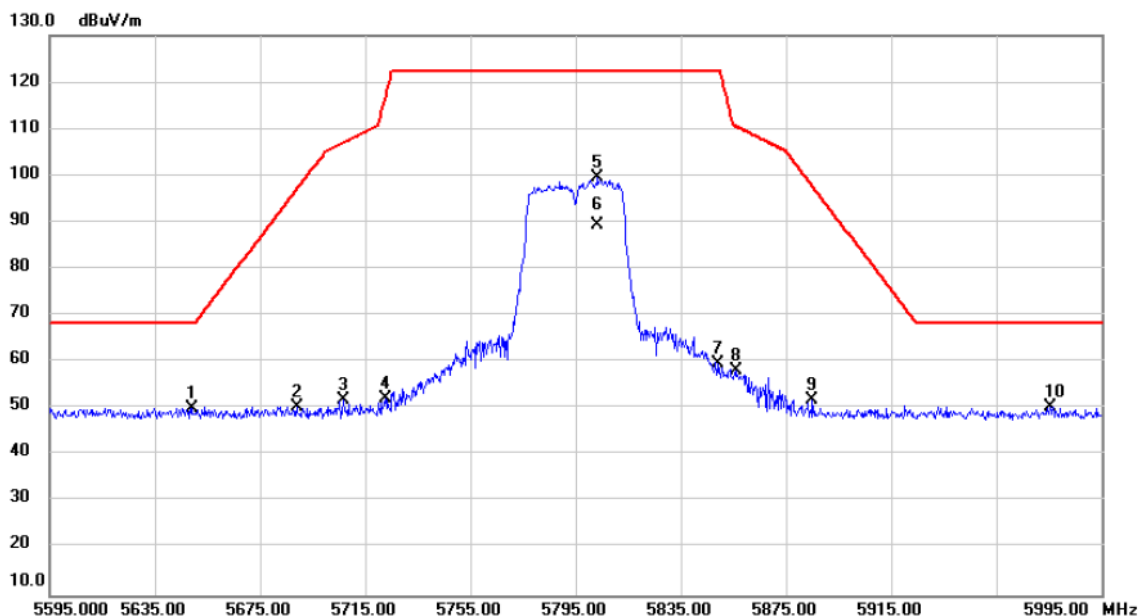


No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	5650.600	41.04	10.41	51.45	68.65	-17.20	peak			
2	5697.400	45.15	10.49	55.64	103.28	-47.64	peak			
3	5716.600	53.03	10.53	63.56	109.85	-46.29	peak			
4	5722.600	52.89	10.54	63.43	116.73	-53.30	peak			
5	5748.600	87.71	10.59	98.30	122.20	-23.90	peak			No Limit
6	5748.600	77.75	10.59	88.34	122.20	-33.86	A/VG			No Limit
7	5851.400	38.35	10.77	49.12	119.01	-69.89	peak			
8	5871.400	40.33	10.81	51.14	106.21	-55.07	peak			
9	5907.400	40.16	10.88	51.04	81.19	-30.15	peak			
10 *	5944.600	40.31	10.93	51.24	68.20	-16.96	peak			

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/4/16
Test Frequency	5795MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

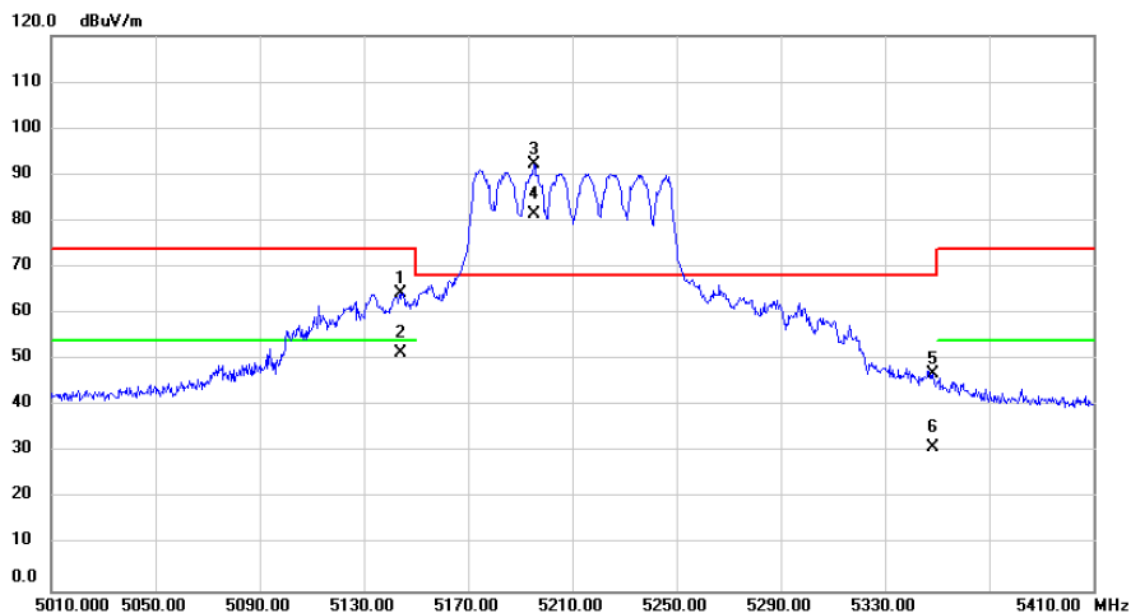


No.	Mk.	Freq.	Reading	Correct	Measure-	Limit	Margin	Antenna	Table	
		MHz	Level	Factor	ment			Height	Degree	
			dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5649.000	39.65	10.41	50.06	68.20	-18.14	peak		
2		5689.000	39.88	10.48	50.36	97.09	-46.73	peak		
3		5706.600	41.19	10.51	51.70	107.05	-55.35	peak		
4		5722.600	41.57	10.54	52.11	116.73	-64.62	peak		
5		5803.400	88.83	10.69	99.52	122.20	-22.68	peak		No Limit
6		5803.400	78.64	10.69	89.33	122.20	-32.87	AVG		No Limit
7		5849.400	48.74	10.77	59.51	122.20	-62.69	peak		
8		5855.800	47.26	10.78	58.04	110.58	-52.54	peak		
9		5885.000	41.02	10.83	51.85	97.77	-45.92	peak		
10	*	5975.400	39.50	10.99	50.49	68.20	-17.71	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/4/18
Test Frequency	5210MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

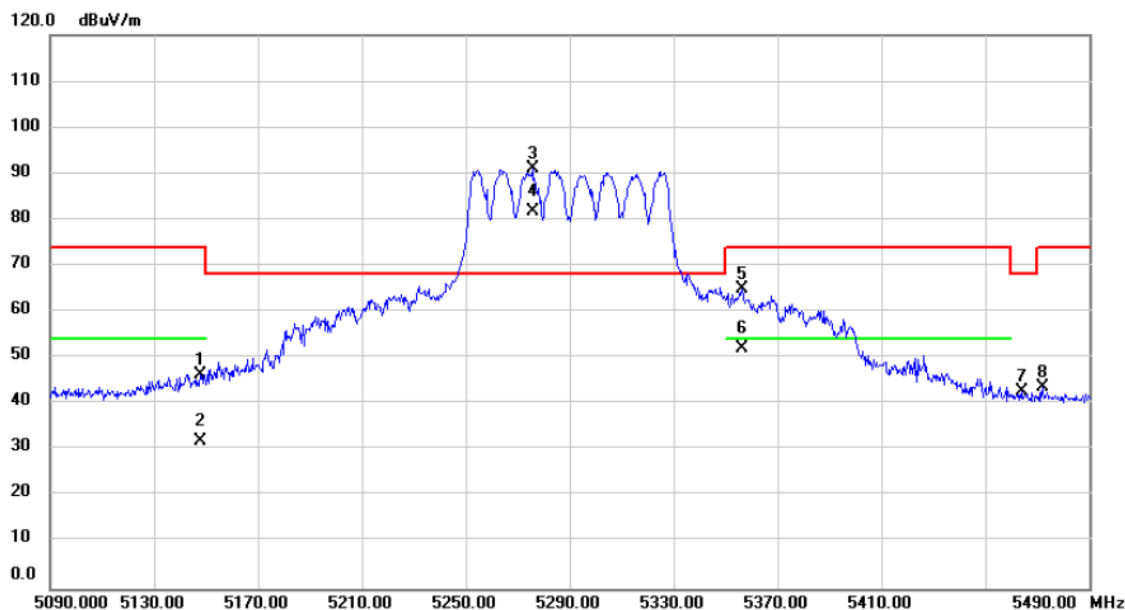


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5144.400	62.52	1.94	64.46	74.00	-9.54	peak		
2		5144.400	49.58	1.94	51.52	54.00	-2.48	AVG		
3	*	5195.200	90.39	1.95	92.34	68.20	24.14	peak		No Limit
4	X	5195.200	79.65	1.95	81.60	68.20	13.40	AVG		No Limit
5		5348.400	45.07	2.01	47.08	68.20	-21.12	peak		
6		5348.400	29.13	2.01	31.14	68.20	-37.06	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/4/18
Test Frequency	5290MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

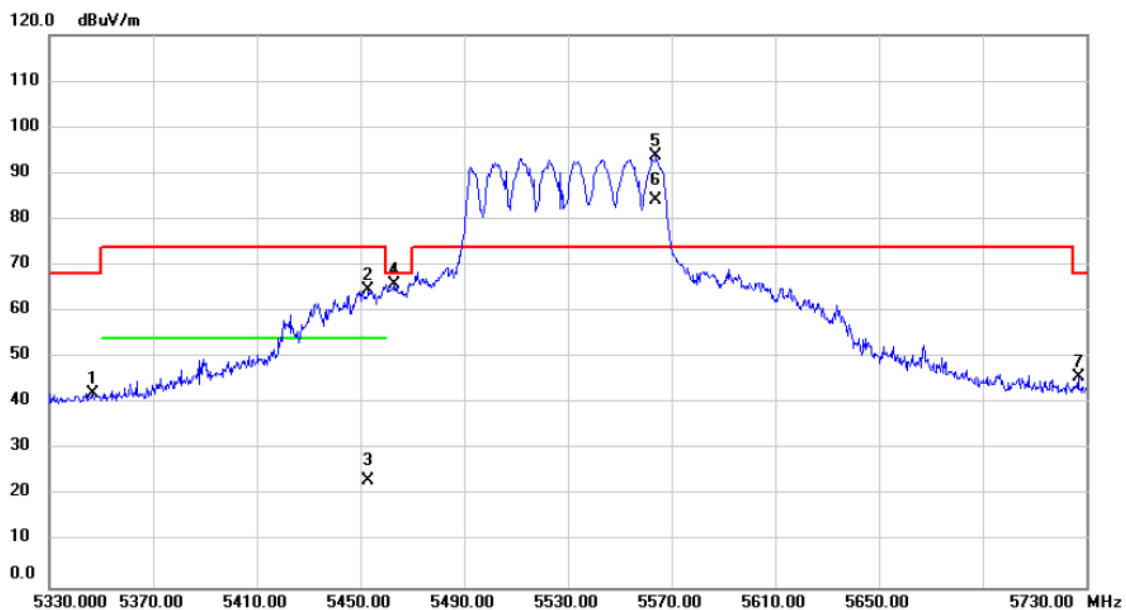


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		5147.600	44.56	1.93	46.49	74.00	-27.51	peak		
2		5147.600	30.16	1.93	32.09	54.00	-21.91	AVG		
3	*	5275.600	89.03	1.98	91.01	68.20	22.81	peak		No Limit
4	X	5275.600	79.76	1.98	81.74	68.20	13.54	AVG		No Limit
5		5356.400	63.06	2.01	65.07	74.00	-8.93	peak		
6		5356.400	50.17	2.01	52.18	54.00	-1.82	AVG		
7		5464.000	40.60	2.06	42.66	68.20	-25.54	peak		
8		5472.000	41.63	2.06	43.69	74.00	-30.31	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/4/18
Test Frequency	5530MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

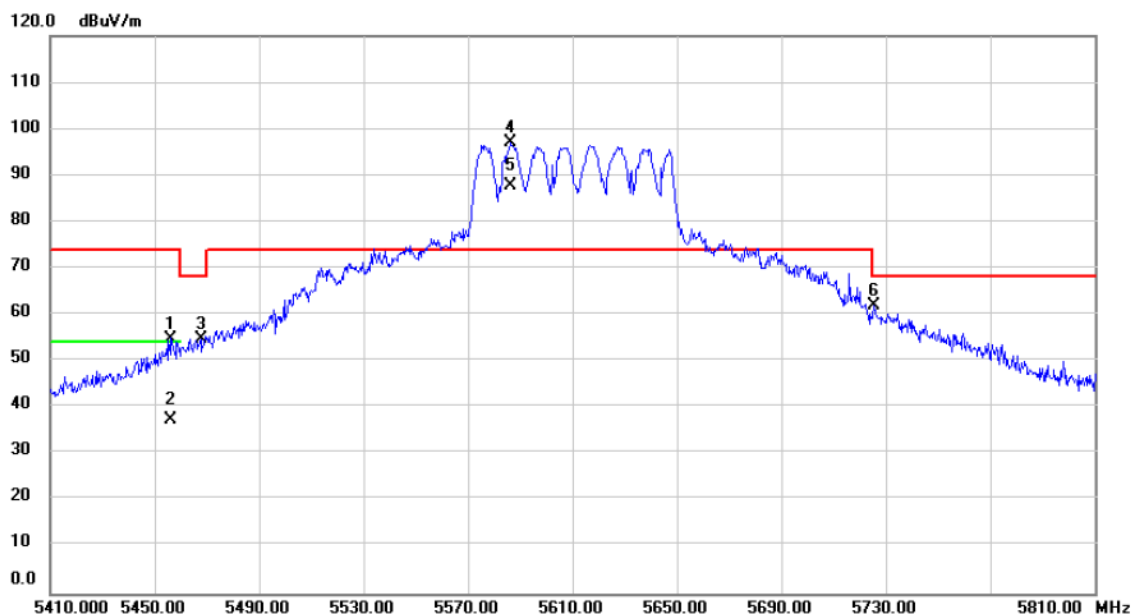


No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	5346.800	40.22	2.01	42.23	68.20	-25.97	peak		
2	5453.200	62.65	2.05	64.70	74.00	-9.30	peak		
3	5453.200	21.18	2.05	23.23	54.00	-30.77	AVG		
4	5462.800	63.68	2.06	65.74	68.20	-2.46	peak		
5 *	5564.000	91.46	2.17	93.63	74.00	19.63	peak		No Limit
6 X	5564.000	81.95	2.17	84.12	74.00	10.12	AVG		No Limit
7	5726.800	43.36	2.42	45.78	68.20	-22.42	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/4/18
Test Frequency	5610MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

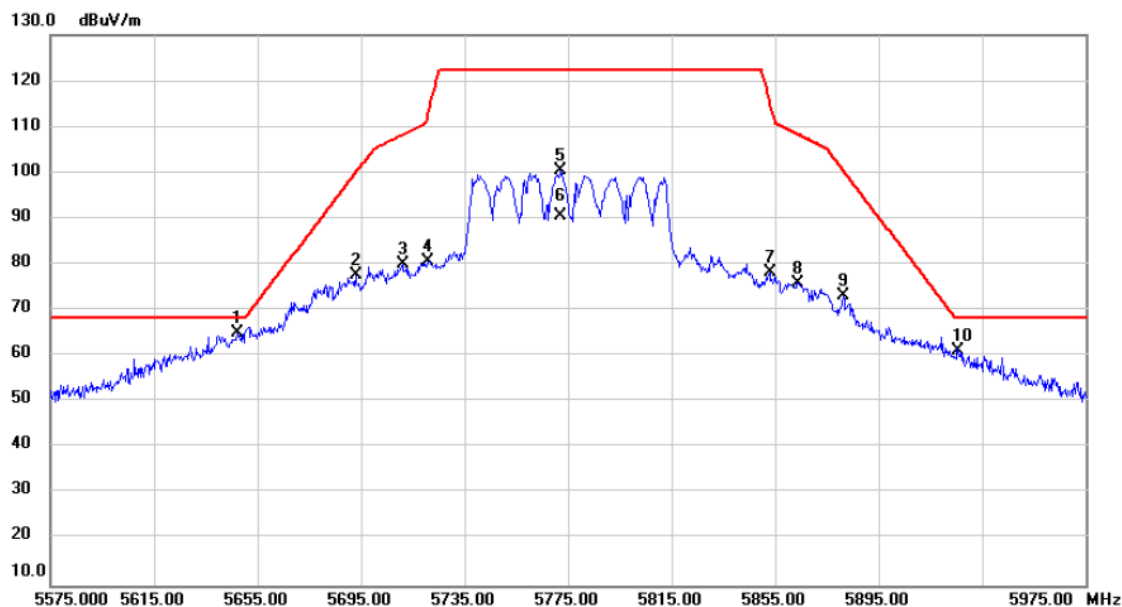


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5456.400	52.85	2.05	54.90	74.00	-19.10	peak		
2		5456.400	35.30	2.05	37.35	54.00	-16.65	AVG		
3		5467.600	52.76	2.05	54.81	68.20	-13.39	peak		
4	*	5586.400	94.81	2.20	97.01	74.00	23.01	peak		No Limit
5	X	5586.400	85.52	2.20	87.72	74.00	13.72	AVG		No Limit
6		5725.600	59.50	2.42	61.92	68.20	-6.28	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/4/18
Test Frequency	5775MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

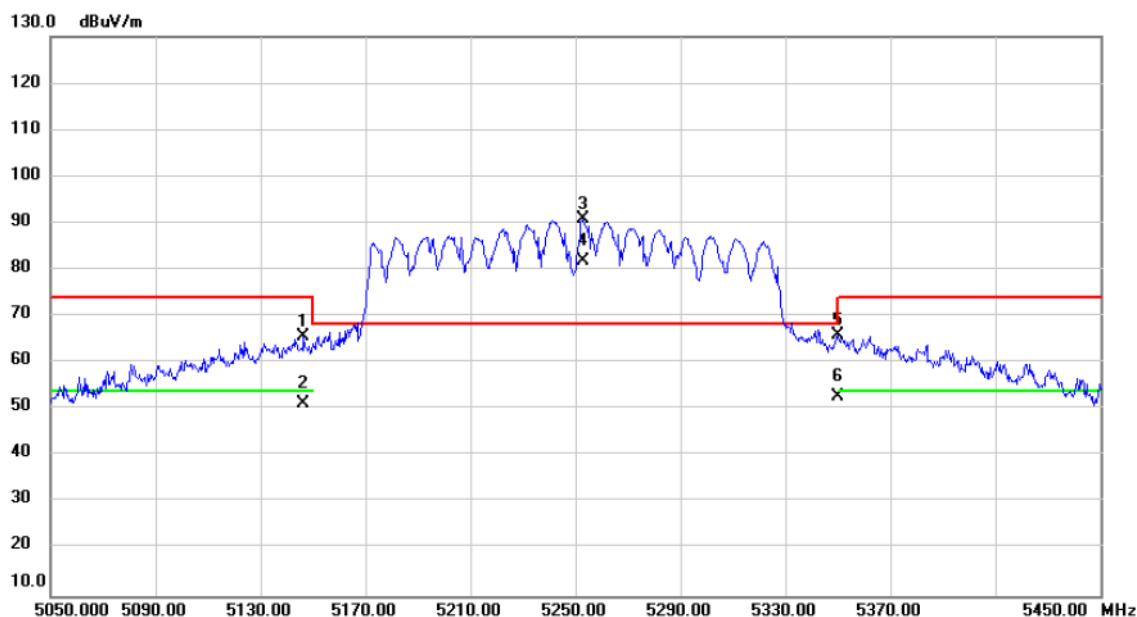


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5647.000	62.63	2.30	64.93	68.20	-3.27	peak		
2		5693.000	75.30	2.37	77.67	100.04	-22.37	peak		
3		5711.000	77.76	2.39	80.15	108.28	-28.13	peak		
4		5721.000	78.29	2.42	80.71	113.08	-32.37	peak		
5		5772.200	97.98	2.50	100.48	122.20	-21.72	peak		No Limit
6		5772.200	88.18	2.50	90.68	122.20	-31.52	AVG		No Limit
7		5853.000	75.64	2.62	78.26	115.36	-37.10	peak		
8		5863.800	73.19	2.64	75.83	108.33	-32.50	peak		
9		5881.400	70.58	2.67	73.25	100.45	-27.20	peak		
10		5925.800	58.28	2.73	61.01	68.20	-7.19	peak		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT160)	Test Date	2024/4/22
Test Frequency	5250MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

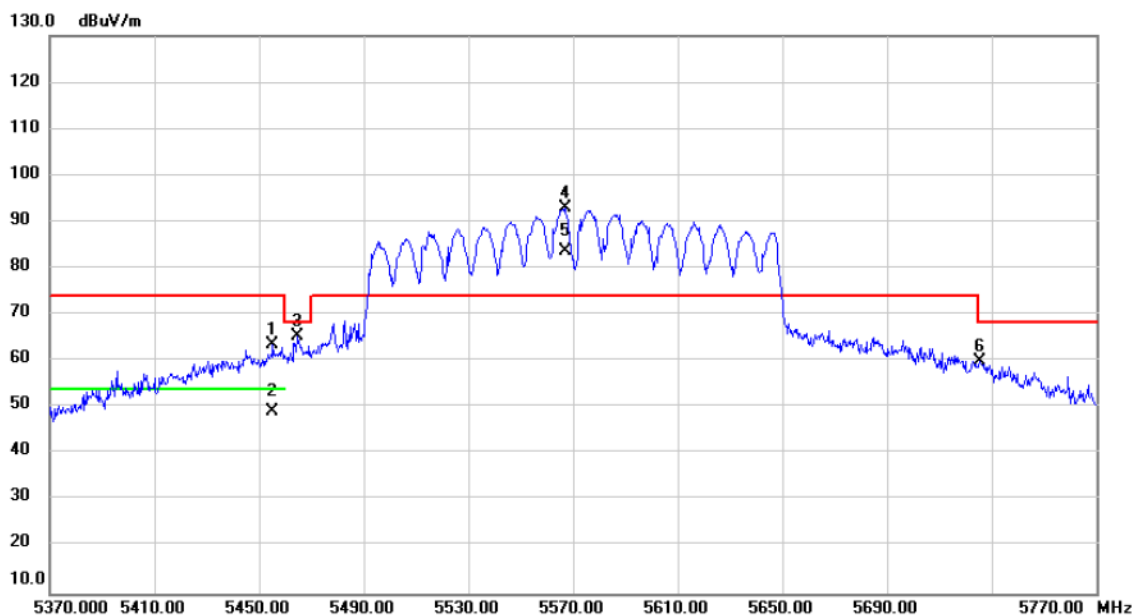


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5146.400	63.63	1.93	65.56	74.00	-8.44	peak		
2		5146.400	49.41	1.93	51.34	54.00	-2.66	AVG		
3	*	5252.800	88.76	1.97	90.73	68.20	22.53	peak		No Limit
4	X	5252.800	79.74	1.97	81.71	68.20	13.51	AVG		No Limit
5		5350.000	63.82	2.01	65.83	74.00	-8.17	peak		
6		5350.000	50.85	2.01	52.86	54.00	-1.14	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT160)	Test Date	2024/4/18
Test Frequency	5570MHz	Polarization	Vertical
Temp	24°C	Hum.	62%

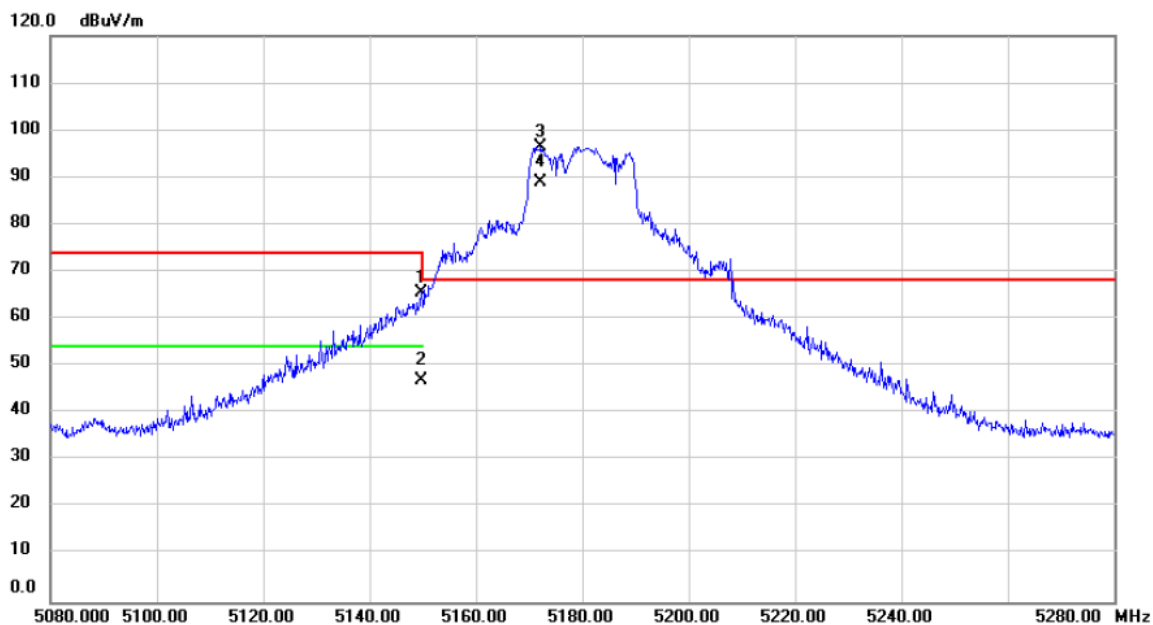


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5455.200	61.40	2.05	63.45	74.00	-10.55	peak		
2		5455.200	47.14	2.05	49.19	54.00	-4.81	AVG		
3		5464.800	63.16	2.06	65.22	68.20	-2.98	peak		
4	*	5566.800	90.84	2.18	93.02	74.00	19.02	peak		No Limit
5	X	5566.800	81.51	2.18	83.69	74.00	9.69	AVG		No Limit
6		5725.600	57.54	2.42	59.96	68.20	-8.24	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5180MHz	Polarization	Vertical
Temp	24°C	Hum.	65%

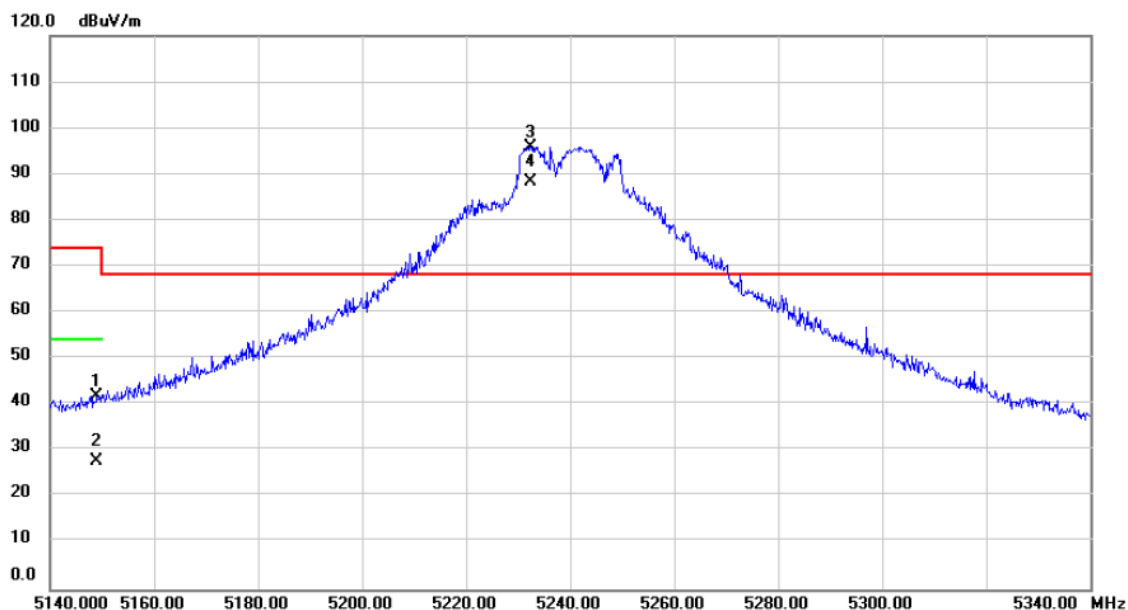


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5149.600	63.48	1.93	65.41	74.00	-8.59	peak		
2		5149.600	45.06	1.93	46.99	54.00	-7.01	AVG		
3	*	5172.200	94.63	1.94	96.57	68.20	28.37	peak		No Limit
4	X	5172.200	86.90	1.94	88.84	68.20	20.64	AVG		No Limit

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5240MHz	Polarization	Vertical
Temp	24°C	Hum.	65%



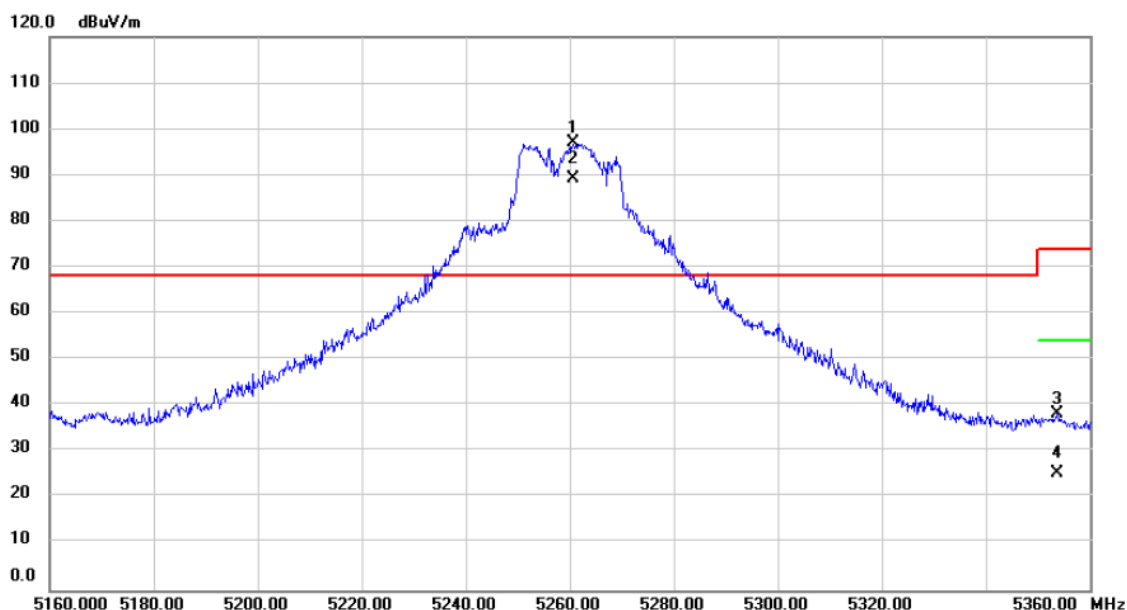
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5149.000	39.97	1.93	41.90	74.00	-32.10			peak
2		5149.000	25.73	1.93	27.66	54.00	-26.34			AVG
3	*	5232.400	94.04	1.96	96.00	68.20	27.80			peak
4	X	5232.400	86.49	1.96	88.45	68.20	20.25			AVG

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5260MHz	Polarization	Vertical
Temp	24°C	Hum.	65%



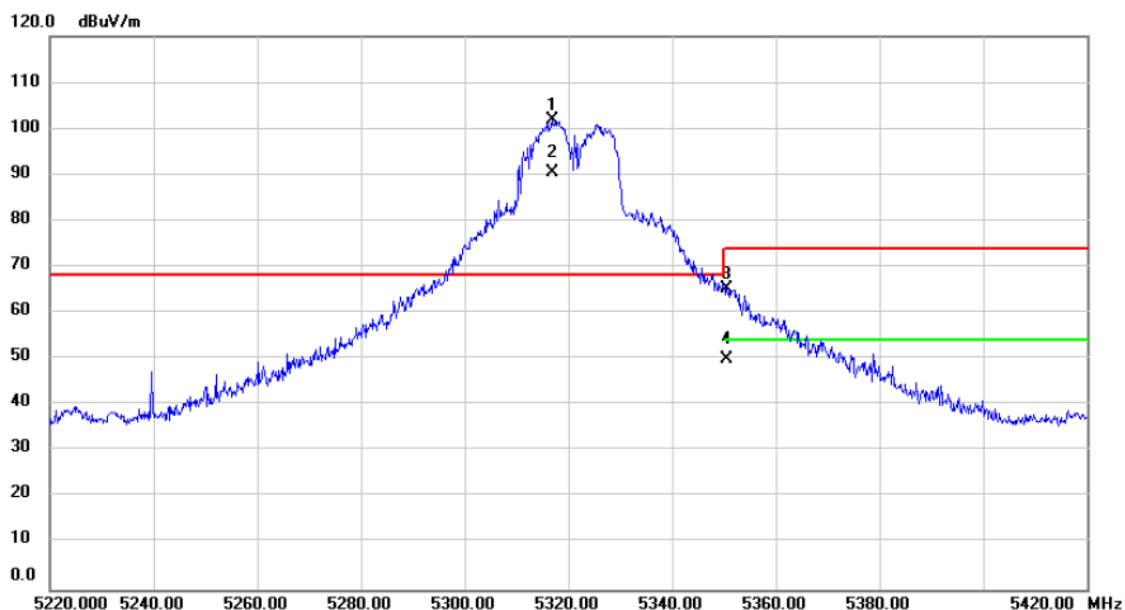
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5260.600	94.92	1.98	96.90	68.20	28.70	peak		No Limit
2	X	5260.600	87.17	1.98	89.15	68.20	20.95	AVG		No Limit
3		5353.600	36.36	2.01	38.37	74.00	-35.63	peak		
4		5353.600	23.36	2.01	25.37	54.00	-28.63	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5320MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



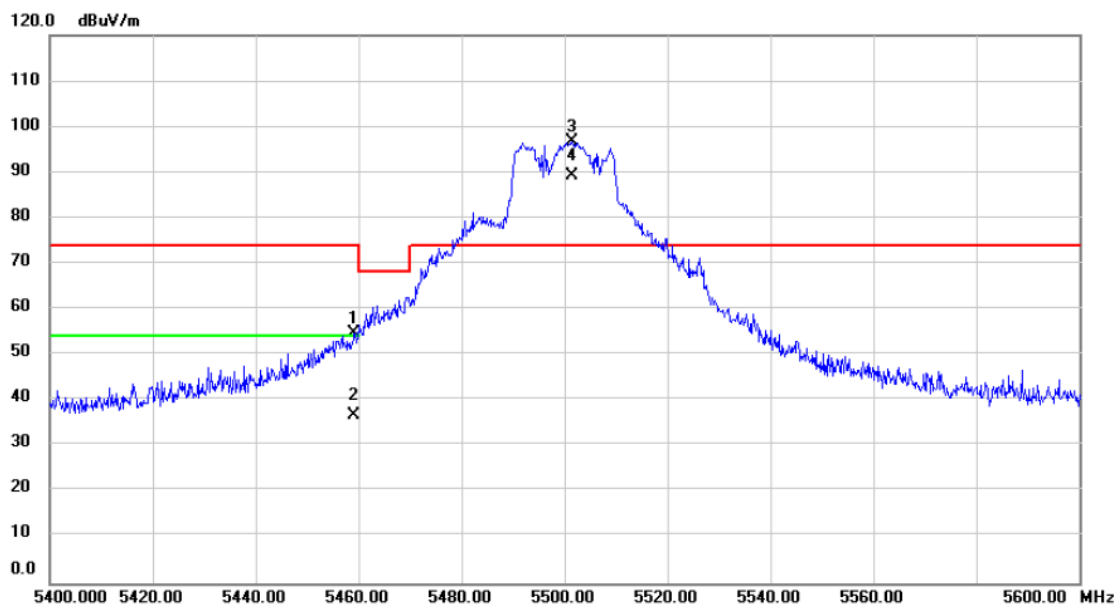
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5316.800	99.88	1.99	101.87	68.20	33.67	peak		No Limit
2	X	5316.800	88.32	1.99	90.31	68.20	22.11	AVG		No Limit
3		5350.600	63.32	2.01	65.33	74.00	-8.67	peak		
4		5350.600	48.05	2.01	50.06	54.00	-3.94	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5500MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



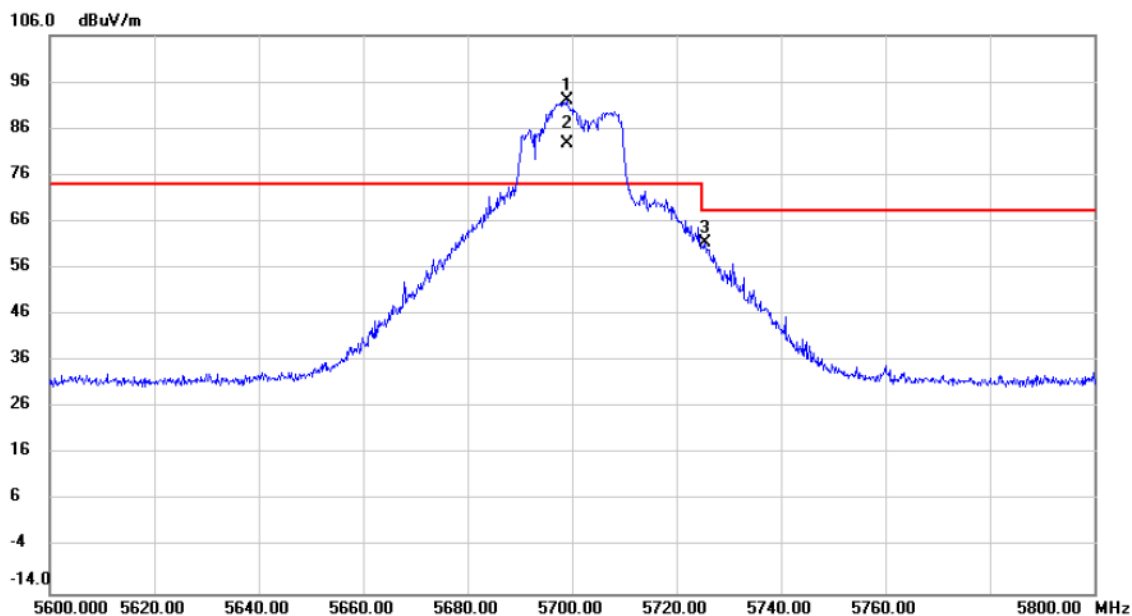
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5459.200	52.67	2.06	54.73	74.00	-19.27	peak			
2		5459.200	34.71	2.06	36.77	54.00	-17.23	AVG			
3	*	5501.400	94.58	2.07	96.65	74.00	22.65	peak			No Limit
4	X	5501.400	87.13	2.07	89.20	74.00	15.20	AVG			No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/24
Test Frequency	5700MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

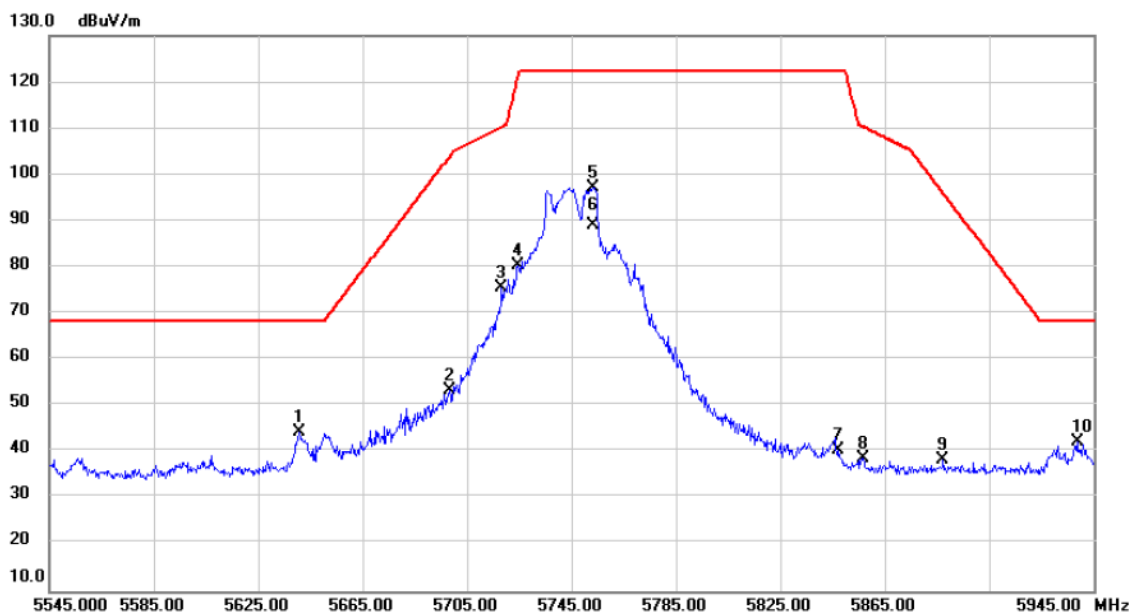


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5699.000	99.53	-7.61	91.92	74.00	17.92	peak		No Limit
2	X	5699.000	90.41	-7.61	82.80	74.00	8.80	AVG		No Limit
3		5725.400	69.11	-7.58	61.53	68.20	-6.67	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



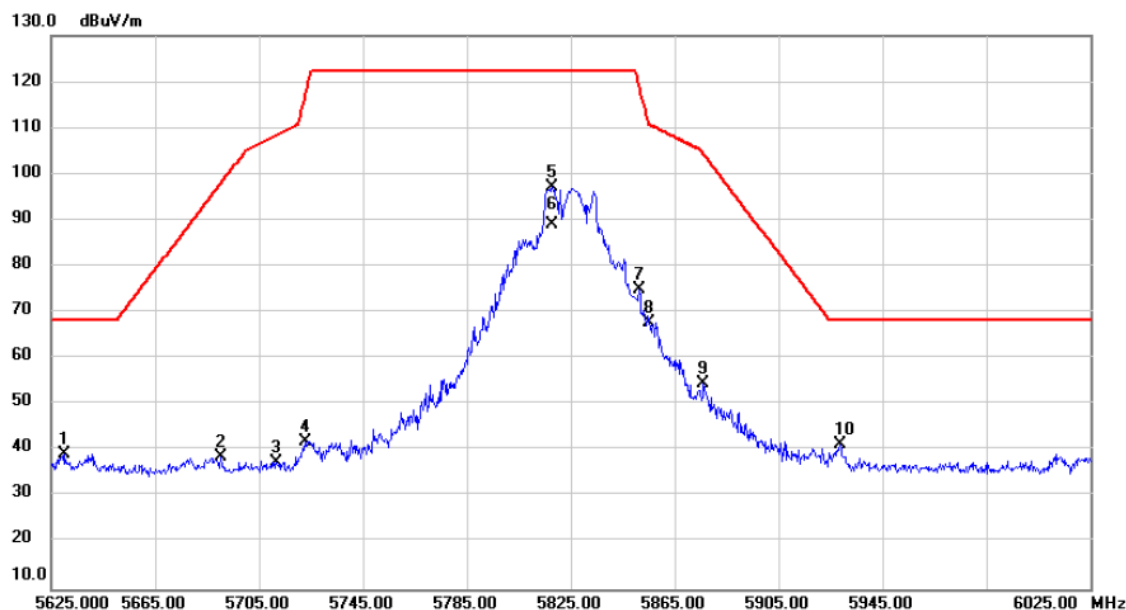
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1 *	5640.600	42.15	2.30	44.45	68.20	-23.75	peak		
2	5698.200	51.09	2.38	53.47	103.87	-50.40	peak		
3	5718.200	73.23	2.41	75.64	110.30	-34.66	peak		
4	5724.600	77.79	2.42	80.21	121.29	-41.08	peak		
5	5753.000	94.77	2.46	97.23	122.20	-24.97	peak		No Limit
6	5753.000	86.73	2.46	89.19	122.20	-33.01	AVG		No Limit
7	5847.400	37.86	2.62	40.48	122.20	-81.72	peak		
8	5856.600	36.08	2.63	38.71	110.35	-71.64	peak		
9	5887.400	35.62	2.67	38.29	95.99	-57.70	peak		
10	5938.600	39.59	2.76	42.35	68.20	-25.85	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE20)	Test Date	2024/4/22
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



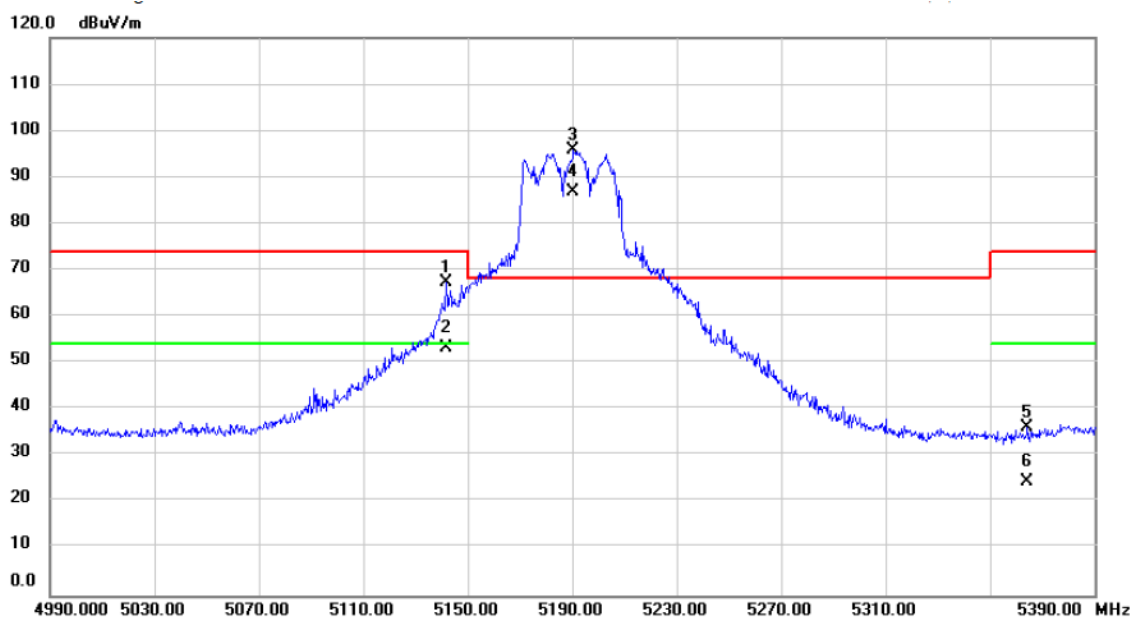
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5630.200	37.10	2.28	39.38	68.20	-28.82	peak		
2		5690.200	36.30	2.37	38.67	97.97	-59.30	peak		
3		5711.800	35.18	2.39	37.57	108.51	-70.94	peak		
4		5722.600	39.62	2.42	42.04	116.73	-74.69	peak		
5	*	5817.800	94.47	2.57	97.04	122.20	-25.16	peak		No Limit
6		5817.800	86.42	2.57	88.99	122.20	-33.21	AVG		No Limit
7		5851.400	72.24	2.62	74.86	119.01	-44.15	peak		
8		5855.400	65.26	2.63	67.89	110.69	-42.80	peak		
9		5876.200	51.84	2.66	54.50	104.31	-49.81	peak		
10		5928.600	38.56	2.73	41.29	68.20	-26.91	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5190MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

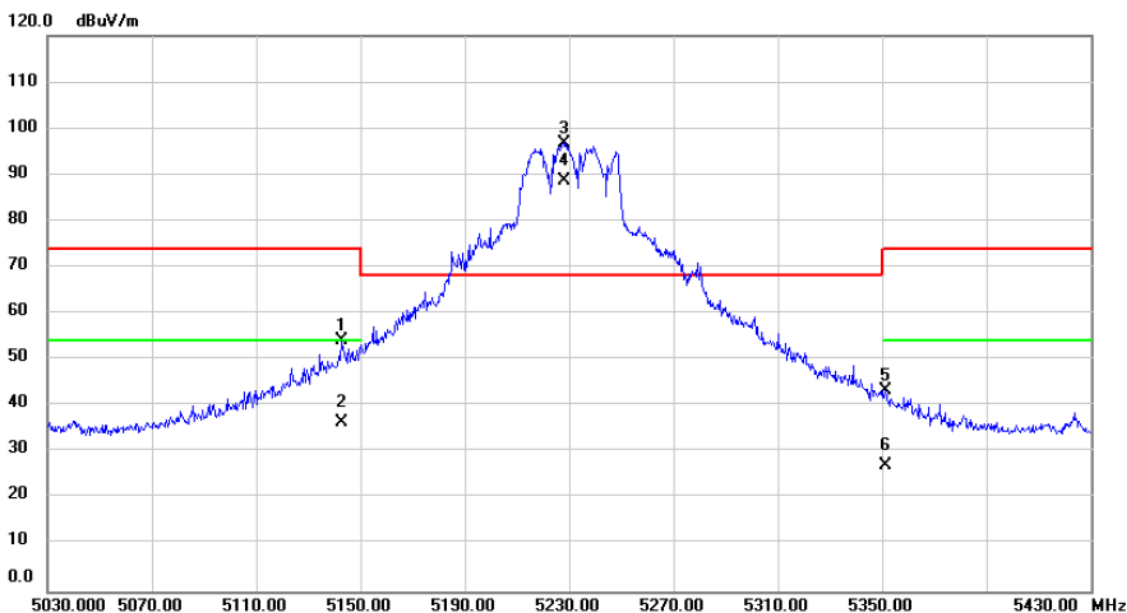


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5141.600	65.41	1.92	67.33	74.00	-6.67	peak			
2		5141.600	51.22	1.92	53.14	54.00	-0.86	AVG			
3	*	5190.400	93.85	1.94	95.79	68.20	27.59	peak			No Limit
4	X	5190.400	85.06	1.94	87.00	68.20	18.80	AVG			No Limit
5		5364.400	34.09	2.02	36.11	74.00	-37.89	peak			
6		5364.400	22.30	2.02	24.32	54.00	-29.68	AVG			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5230MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

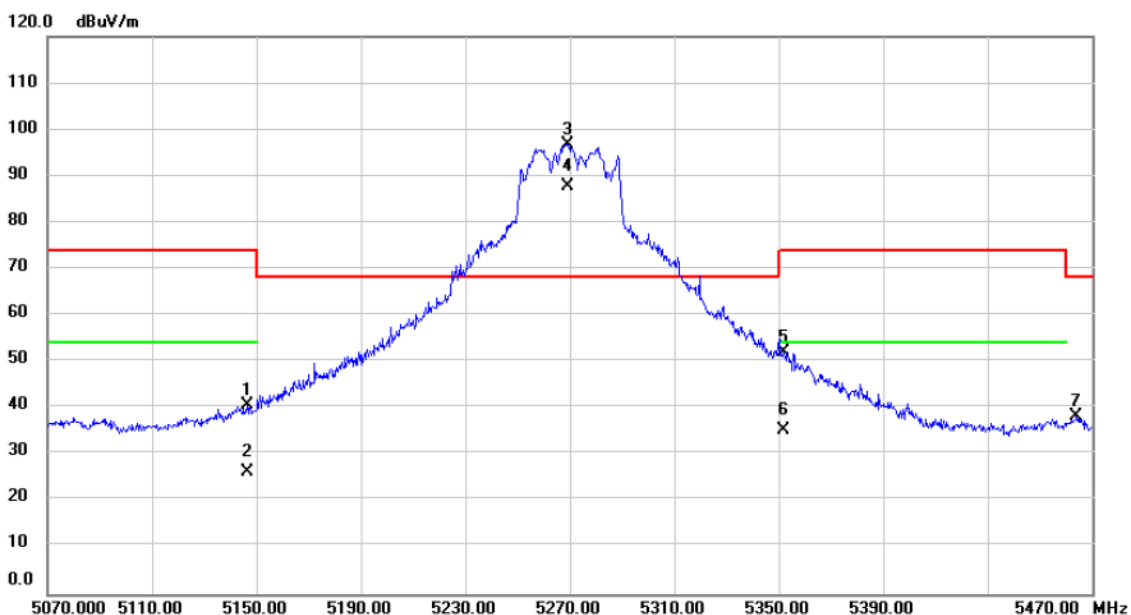


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5142.800	52.26	1.93	54.19	74.00	-19.81	peak		
2		5142.800	34.58	1.93	36.51	54.00	-17.49	AVG		
3	*	5228.000	94.78	1.97	96.75	68.20	28.55	peak		No Limit
4	X	5228.000	86.54	1.97	88.51	68.20	20.31	AVG		No Limit
5		5351.200	41.33	2.01	43.34	74.00	-30.66	peak		
6		5351.200	25.00	2.01	27.01	54.00	-26.99	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5270MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



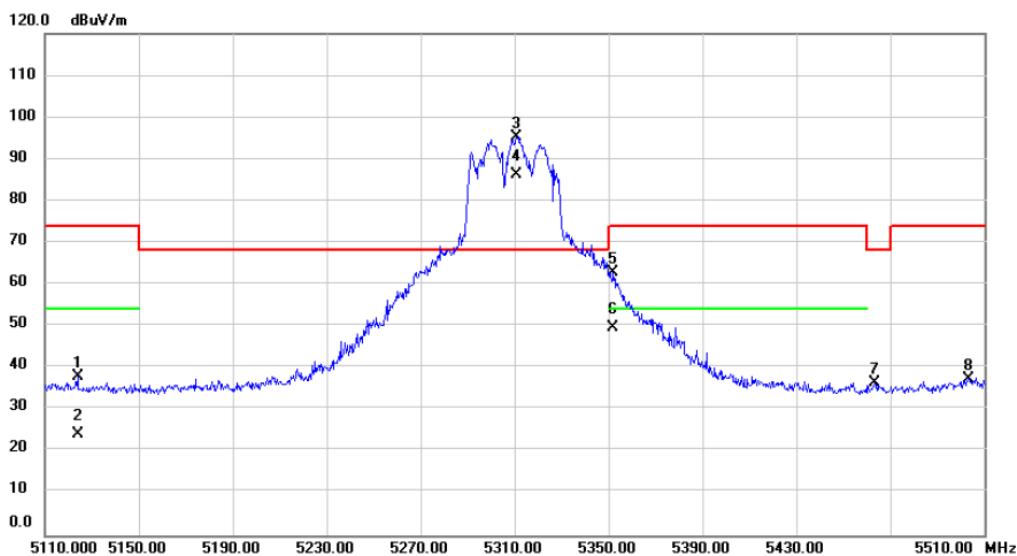
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5146.400	38.59	1.93	40.52	74.00	-33.48	peak		
2		5146.400	24.17	1.93	26.10	54.00	-27.90	AVG		
3	*	5269.200	94.75	1.98	96.73	68.20	28.53	peak		No Limit
4	X	5269.200	85.82	1.98	87.80	68.20	19.60	AVG		No Limit
5		5351.600	50.03	2.01	52.04	74.00	-21.96	peak		
6		5351.600	33.39	2.01	35.40	54.00	-18.60	AVG		
7		5464.000	36.18	2.06	38.24	68.20	-29.96	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5310MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

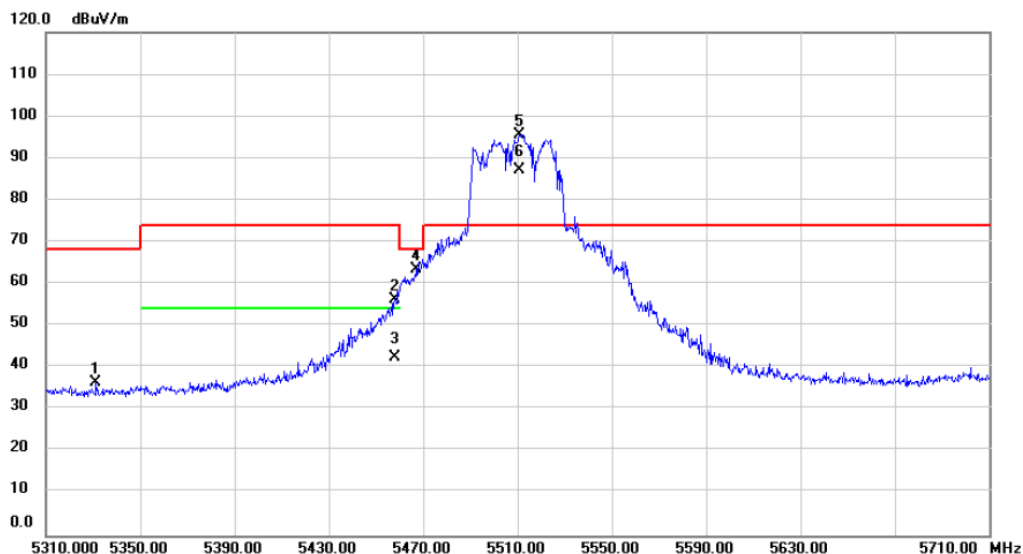


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Detector	Comment
1		5124.000	35.94	1.91	37.85	74.00	-36.15			peak	
2		5124.000	22.28	1.91	24.19	54.00	-29.81			AVG	
3	*	5310.800	93.21	2.00	95.21	68.20	27.01			peak	No Limit
4	X	5310.800	84.15	2.00	86.15	68.20	17.95			AVG	No Limit
5		5352.000	60.95	2.01	62.96	74.00	-11.04			peak	
6		5352.000	47.58	2.01	49.59	54.00	-4.41			AVG	
7		5463.200	34.50	2.06	36.56	68.20	-31.64			peak	
8		5503.200	35.37	2.07	37.44	74.00	-36.56			peak	

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5510MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



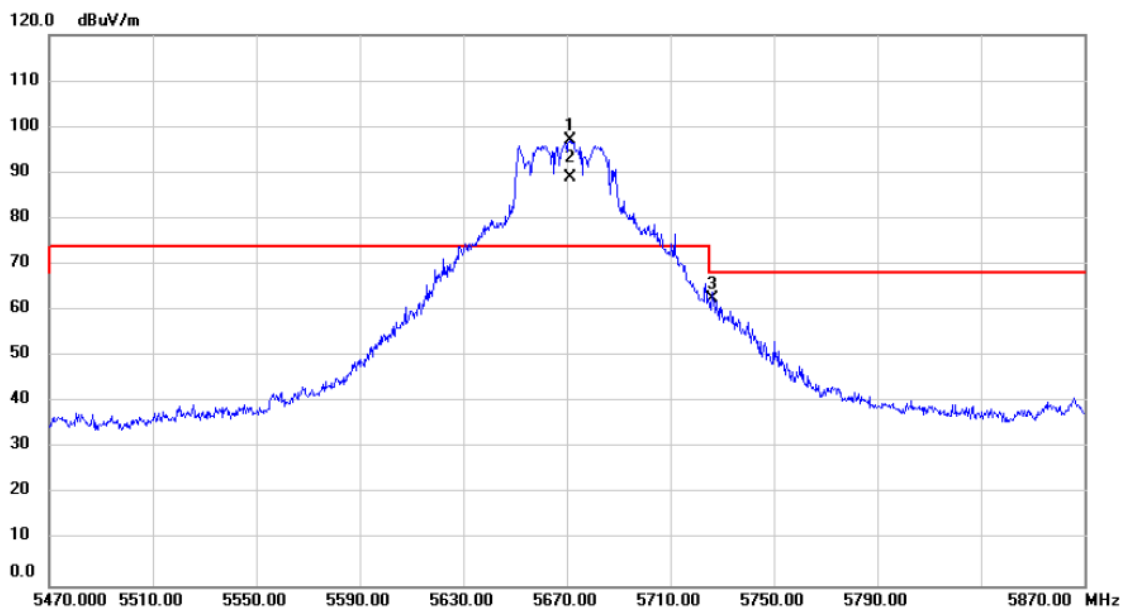
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5331.200	34.41	2.00	36.41	68.20	-31.79	peak		
2		5458.000	54.14	2.05	56.19	74.00	-17.81	peak		
3		5458.000	40.46	2.05	42.51	54.00	-11.49	AVG		
4		5467.200	61.45	2.05	63.50	68.20	-4.70	peak		
5	*	5510.800	93.44	2.09	95.53	74.00	21.53	peak		No Limit
6	X	5510.800	85.14	2.09	87.23	74.00	13.23	AVG		No Limit

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5670MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

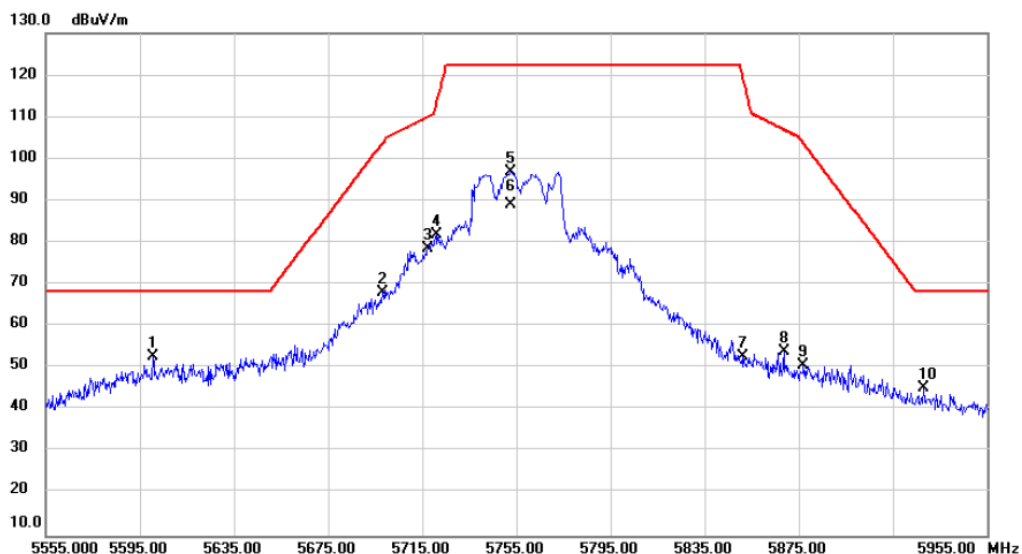


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	5671.200	94.67	2.35	97.02	74.00	23.02	peak		No Limit
2	X	5671.200	86.59	2.35	88.94	74.00	14.94	AVG		No Limit
3		5726.400	60.10	2.42	62.52	68.20	-5.68	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5755MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

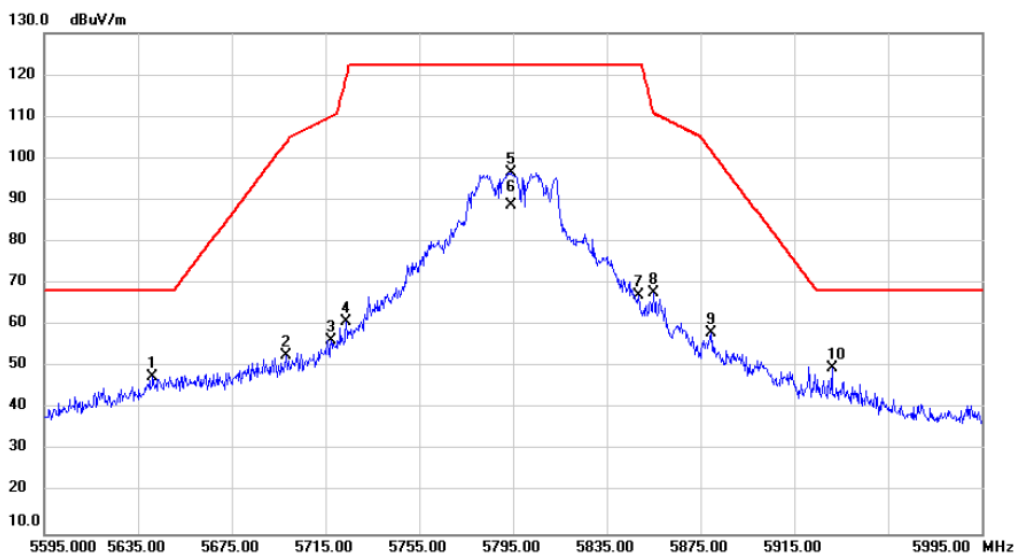


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	5600.600	50.55	2.23	52.78	68.20	-15.42	peak		
2		5698.200	65.76	2.38	68.14	103.87	-35.73	peak		
3		5717.400	76.13	2.41	78.54	110.07	-31.53	peak		
4		5721.000	79.43	2.42	81.85	113.08	-31.23	peak		
5		5752.600	94.53	2.46	96.99	122.20	-25.21	peak		No Limit
6		5752.600	86.59	2.46	89.05	122.20	-33.15	AVG		No Limit
7		5851.400	50.15	2.62	52.77	119.01	-66.24	peak		
8		5868.600	51.23	2.64	53.87	106.99	-53.12	peak		
9		5877.000	47.94	2.66	50.60	103.71	-53.11	peak		
10		5928.200	42.42	2.73	45.15	68.20	-23.05	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE40)	Test Date	2024/4/22
Test Frequency	5795MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

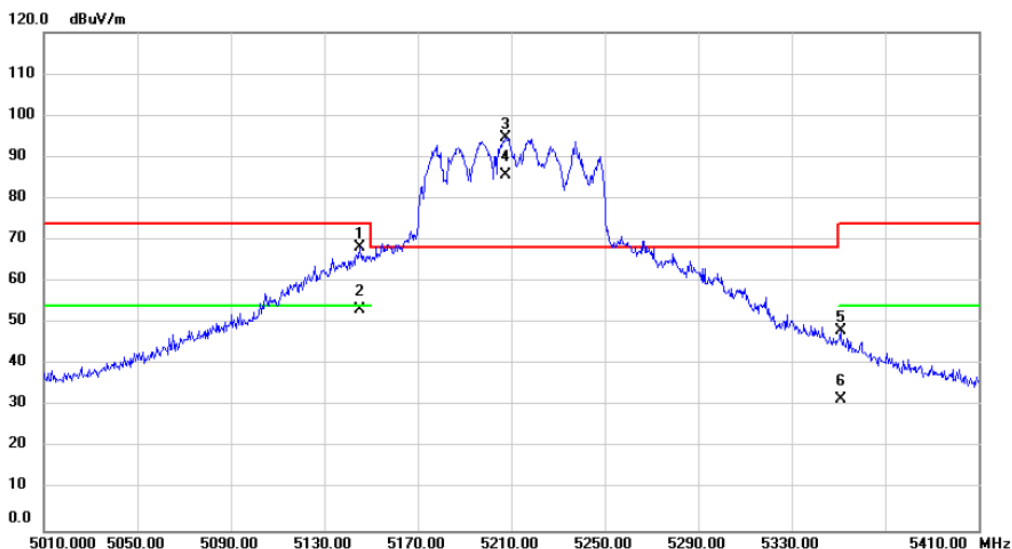


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5641.400	45.39	2.29	47.68	68.20	-20.52	peak		
2		5698.200	50.25	2.38	52.63	103.87	-51.24	peak		
3		5717.400	53.91	2.41	56.32	110.07	-53.75	peak		
4		5723.800	58.30	2.42	60.72	119.46	-58.74	peak		
5		5794.200	94.14	2.53	96.67	122.20	-25.53	peak		No Limit
6		5794.200	86.29	2.53	88.82	122.20	-33.38	AVG		No Limit
7		5848.600	64.68	2.62	67.30	122.20	-54.90	peak		
8		5855.000	65.07	2.63	67.70	110.80	-43.10	peak		
9		5879.400	55.38	2.67	58.05	101.93	-43.88	peak		
10	*	5931.000	47.13	2.74	49.87	68.20	-18.33	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/4/22
Test Frequency	5210MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

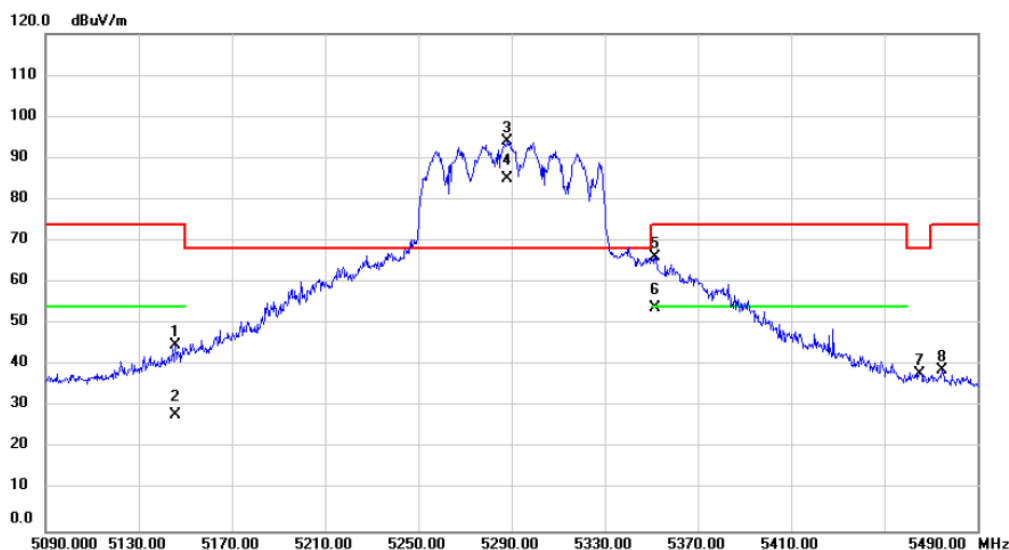


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		5145.200	66.20	1.94	68.14	74.00	-5.86	peak		
2		5145.200	51.36	1.94	53.30	54.00	-0.70	AVG		
3	*	5207.600	92.68	1.95	94.63	68.20	26.43	peak		No Limit
4	X	5207.600	83.60	1.95	85.55	68.20	17.35	AVG		No Limit
5		5350.800	46.07	2.01	48.08	74.00	-25.92	peak		
6		5350.800	29.56	2.01	31.57	54.00	-22.43	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/4/22
Test Frequency	5290MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



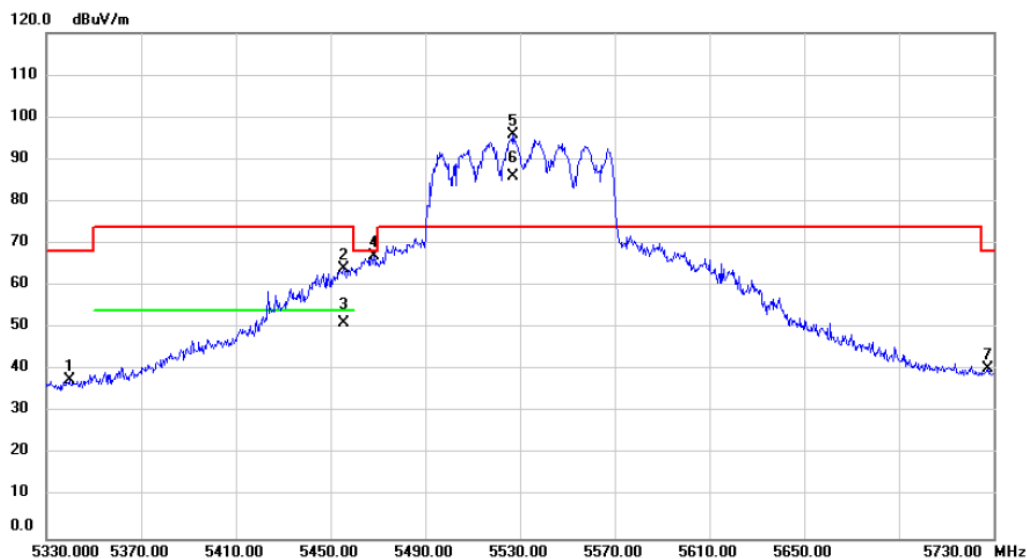
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree	Comment
1		5145.600	42.90	1.94	44.84	74.00	-29.16	peak			
2		5145.600	26.13	1.94	28.07	54.00	-25.93	AVG			
3	*	5288.400	92.20	1.98	94.18	68.20	25.98	peak			No Limit
4	X	5288.400	83.16	1.98	85.14	68.20	16.94	AVG			No Limit
5		5351.600	64.18	2.01	66.19	74.00	-7.81	peak			
6		5351.600	51.91	2.01	53.92	54.00	-0.08	AVG			
7		5465.200	35.89	2.06	37.95	68.20	-30.25	peak			
8		5474.800	36.79	2.06	38.85	74.00	-35.15	peak			

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/4/22
Test Frequency	5530MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

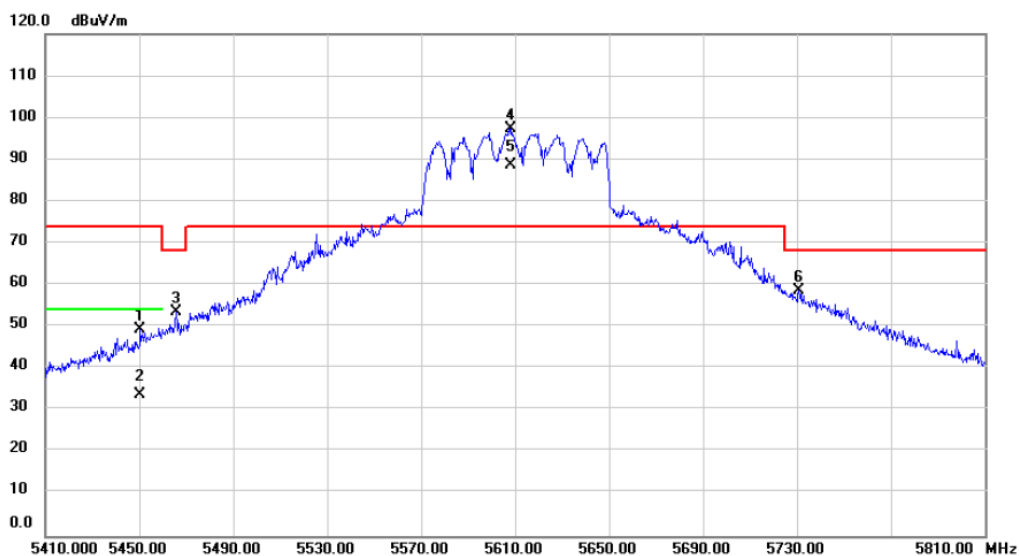


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		5339.600	35.73	2.01	37.74	68.20	-30.46	peak		
2		5455.600	62.04	2.05	64.09	74.00	-9.91	peak		
3		5455.600	49.17	2.05	51.22	54.00	-2.78	AVG		
4		5468.400	65.11	2.05	67.16	68.20	-1.04	peak		
5	*	5527.200	93.73	2.11	95.84	74.00	21.84	peak		No Limit
6	X	5527.200	83.89	2.11	86.00	74.00	12.00	AVG		No Limit
7		5727.600	38.04	2.42	40.46	68.20	-27.74	peak		

REMARKS:

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/4/22
Test Frequency	5610MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



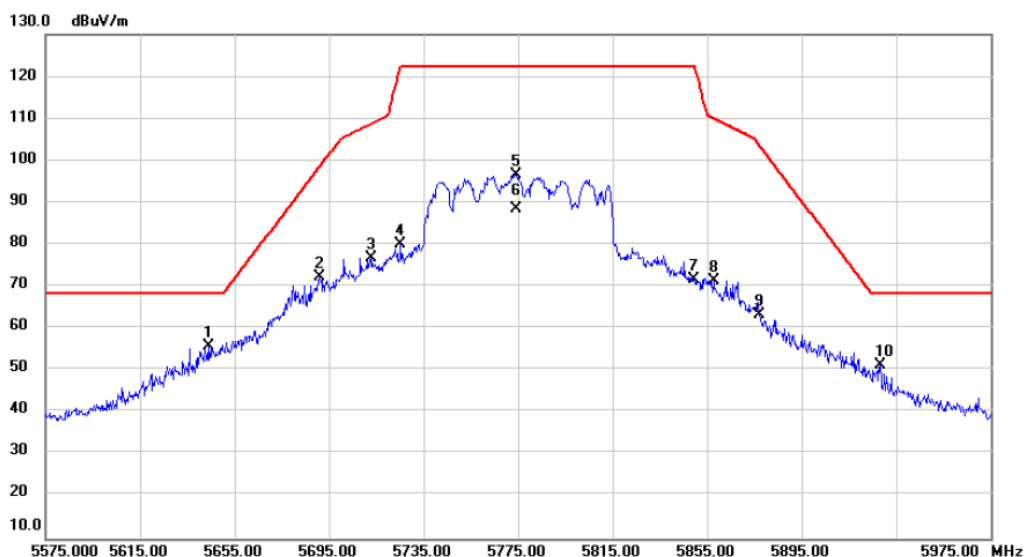
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree	Detector	Comment
1		5450.400	47.40	2.05	49.45	74.00	-24.55			peak	
2		5450.400	31.58	2.05	33.63	54.00	-20.37			AVG	
3		5465.600	51.43	2.05	53.48	68.20	-14.72			peak	
4	*	5608.400	95.02	2.24	97.26	74.00	23.26			peak	No Limit
5	X	5608.400	86.32	2.24	88.56	74.00	14.56			AVG	No Limit
6		5730.800	56.23	2.44	58.67	68.20	-9.53			peak	

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE80)	Test Date	2024/4/22
Test Frequency	5775MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

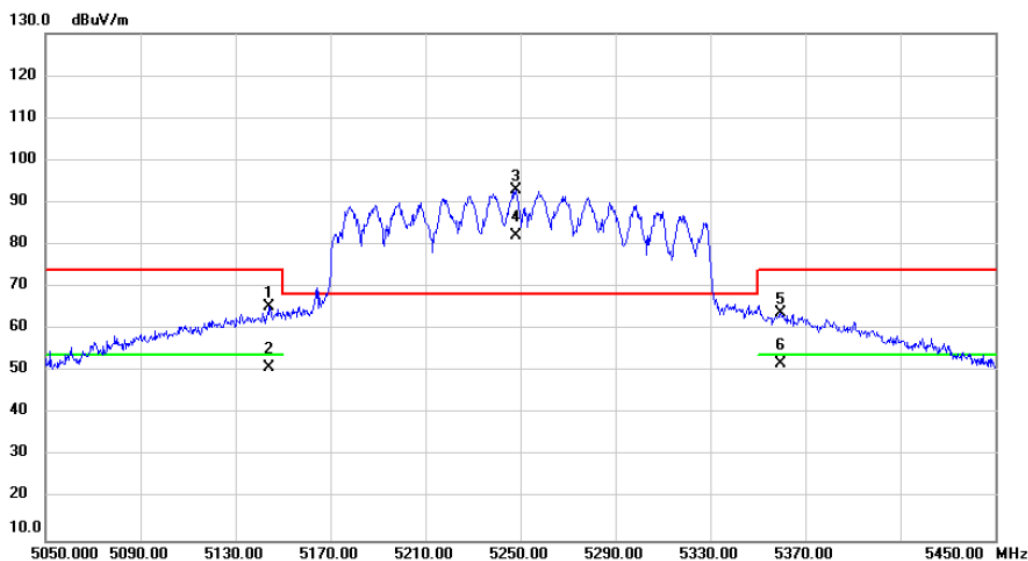


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Antenna Height cm	Table Degree degree	Comment
1	*	5643.800	53.43	2.29	55.72	68.20	-12.48	peak			
2		5691.000	69.91	2.37	72.28	98.56	-26.28	peak			
3		5713.000	74.30	2.40	76.70	108.84	-32.14	peak			
4		5725.400	77.69	2.42	80.11	122.20	-42.09	peak			
5		5774.200	94.09	2.50	96.59	122.20	-25.61	peak			No Limit
6		5774.200	85.83	2.50	88.33	122.20	-33.87	AVG			No Limit
7		5849.400	69.18	2.62	71.80	122.20	-50.40	peak			
8		5857.800	68.76	2.63	71.39	110.01	-38.62	peak			
9		5877.400	60.69	2.66	63.35	103.42	-40.07	peak			
10		5928.200	48.64	2.73	51.37	68.20	-16.83	peak			

REMARKS:

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

Test Mode	IEEE 802.11ax (HE160)	Test Date	2024/4/22
Test Frequency	5250MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



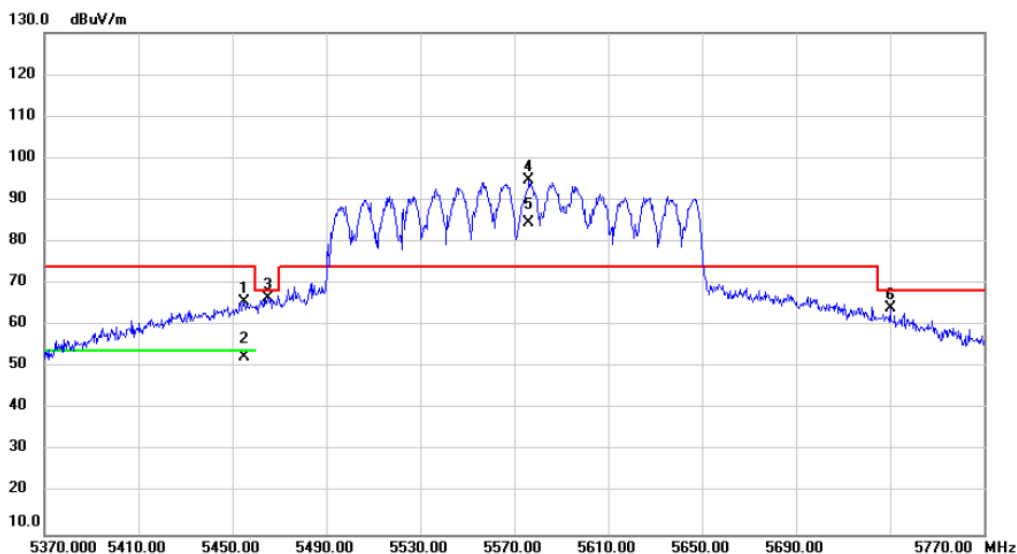
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	5144.400	63.37	1.94	65.31	74.00	-8.69	peak		
2	5144.400	49.02	1.94	50.96	54.00	-3.04	AVG		
3 *	5248.400	91.10	1.97	93.07	68.20	24.87	peak		No Limit
4 X	5248.400	80.33	1.97	82.30	68.20	14.10	AVG		No Limit
5	5359.600	61.78	2.02	63.80	74.00	-10.20	peak		
6	5359.600	49.95	2.02	51.97	54.00	-2.03	AVG		

REMARKS:

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

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

Test Mode	IEEE 802.11ax (HE160)	Test Date	2024/4/22
Test Frequency	5570MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



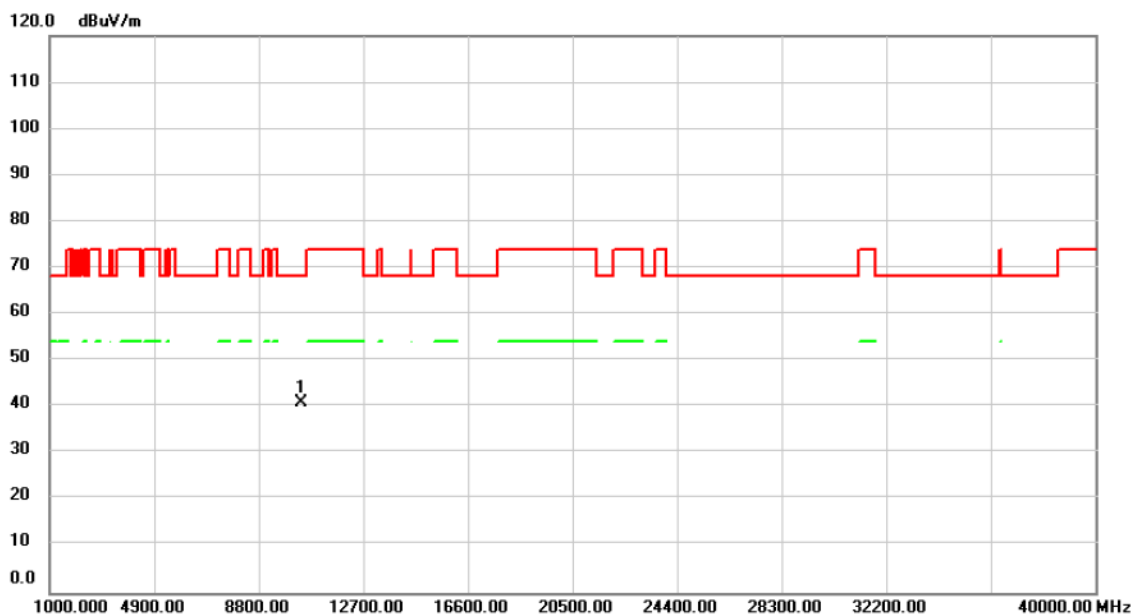
No. Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
	MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	5455.200	63.72	2.05	65.77	74.00	-8.23	peak		
2	5455.200	50.54	2.05	52.59	54.00	-1.41	AVG		
3	5465.200	64.63	2.06	66.69	68.20	-1.51	peak		
4 *	5576.400	92.42	2.19	94.61	74.00	20.61	peak		No Limit
5 X	5576.400	82.22	2.19	84.41	74.00	10.41	AVG		No Limit
6	5730.000	61.69	2.44	64.13	68.20	-4.07	peak		

REMARKS:

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

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5180MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

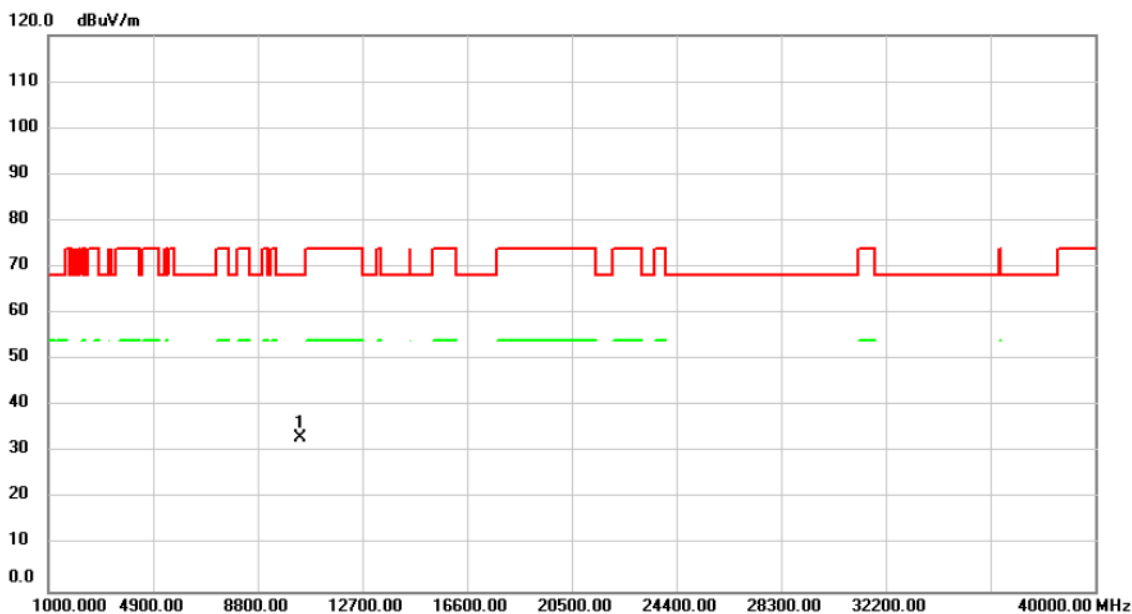


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10360.00	41.53	-0.60	40.93	68.20	-27.27	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5200MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

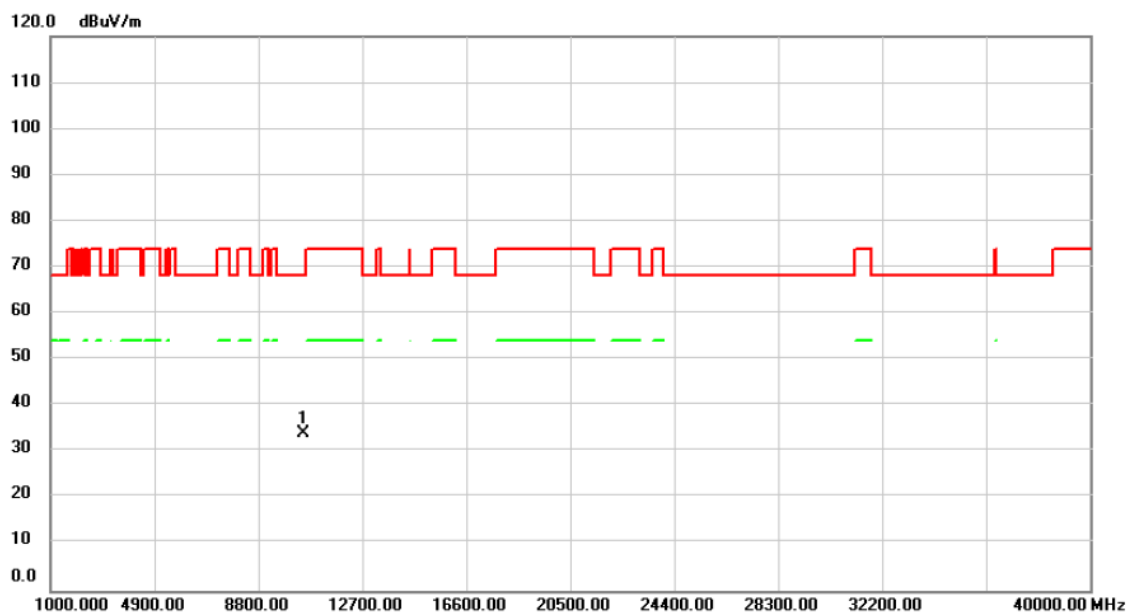


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10400.00	33.71	-0.55	33.16	68.20	-35.04	peak		Comment

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5240MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

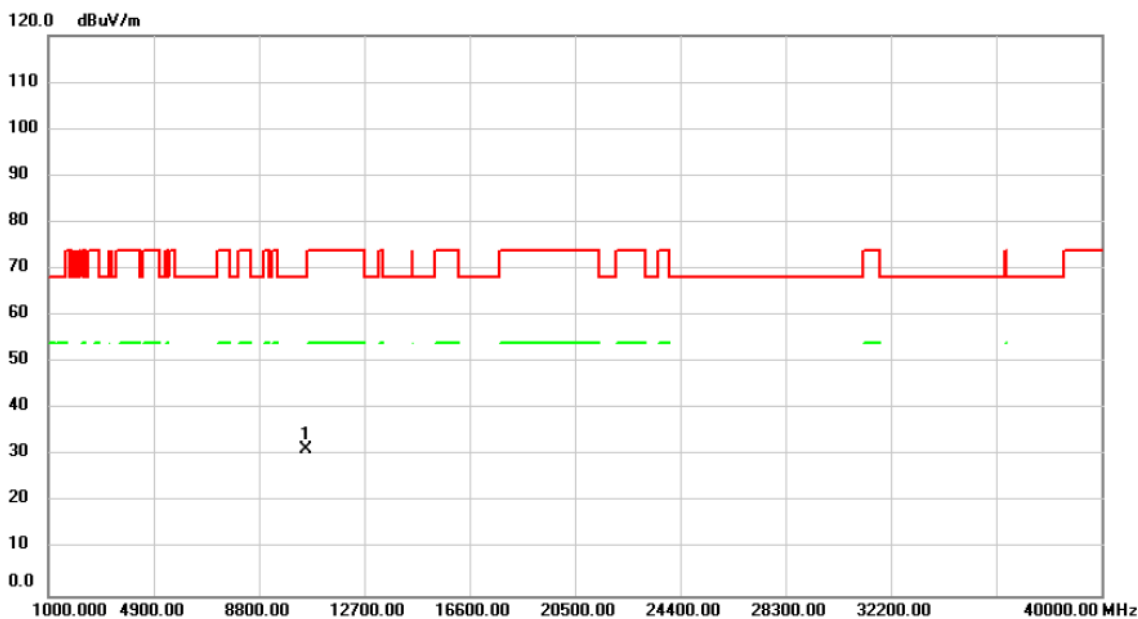


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10480.00	34.65	-0.47	34.18	68.20	-34.02	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5260MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

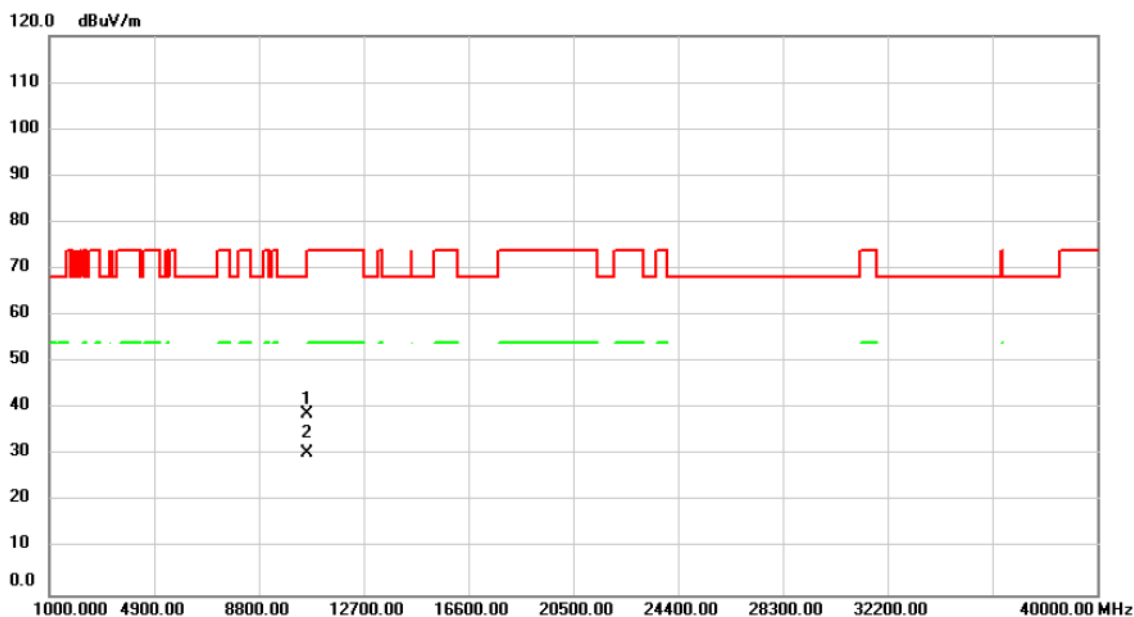


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10520.00	31.89	-0.44	31.45	68.20	-36.75	peak		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5300MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

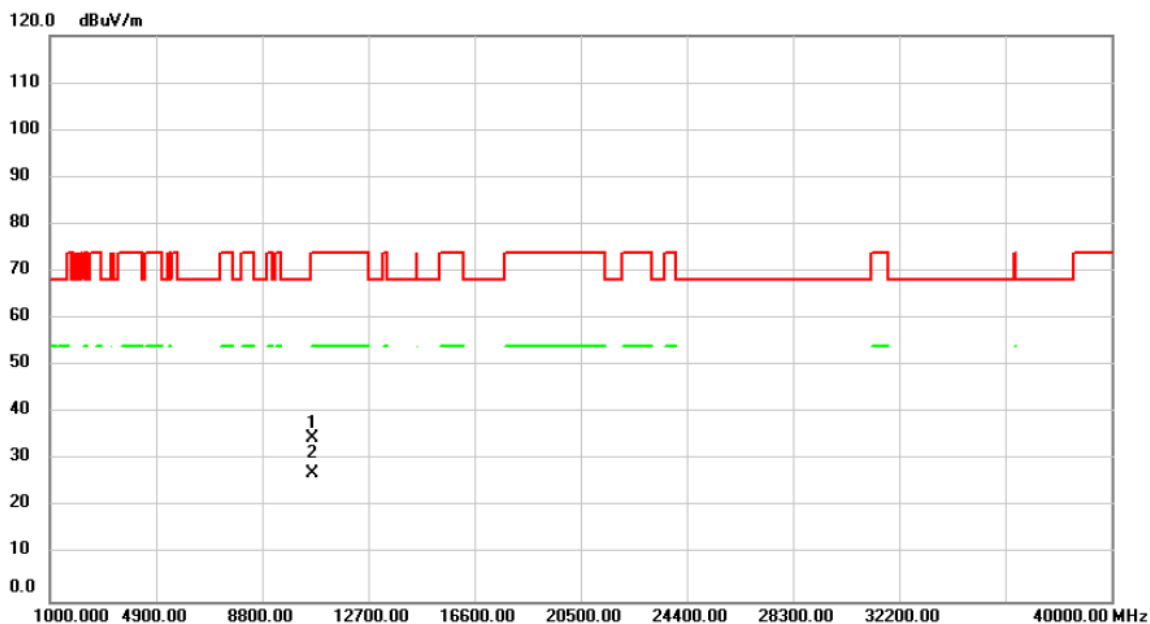


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10594.00	39.30	-0.42	38.88	68.20	-29.32	peak		
2		10594.00	30.79	-0.42	30.37	68.20	-37.83	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5320MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

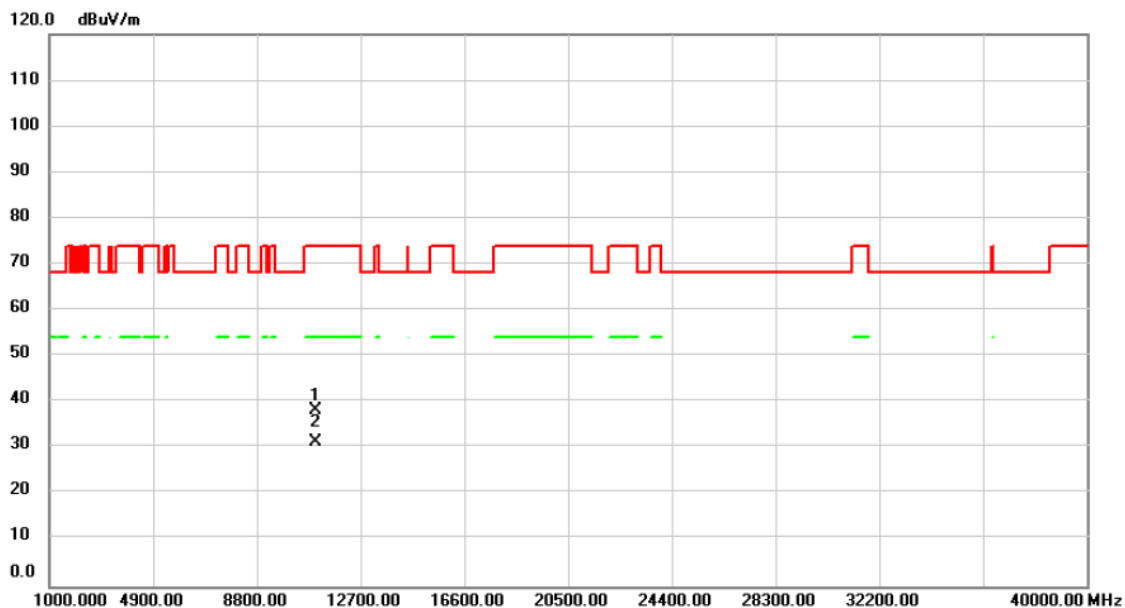


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Antenna Height cm	Table Degree degree	Comment
1		10633.00	34.93	-0.40	34.53	74.00	-39.47	peak		
2	*	10633.00	27.46	-0.40	27.06	54.00	-26.94	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5500MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

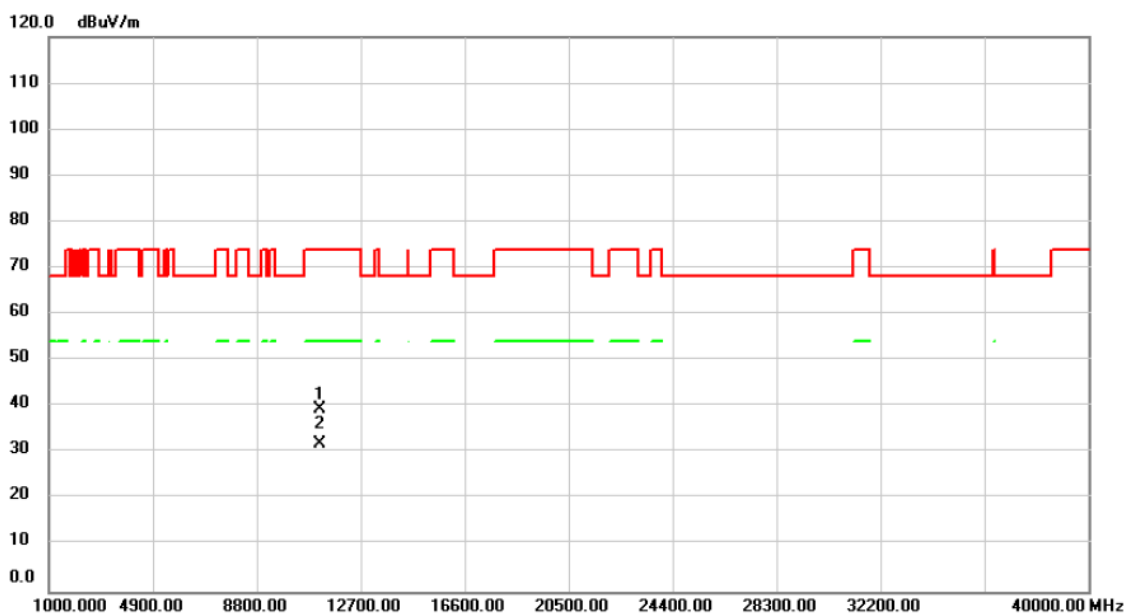


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		10984.00	38.46	-0.28	38.18	74.00	-35.82	peak		
2	*	10984.00	31.55	-0.28	31.27	54.00	-22.73	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5580MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

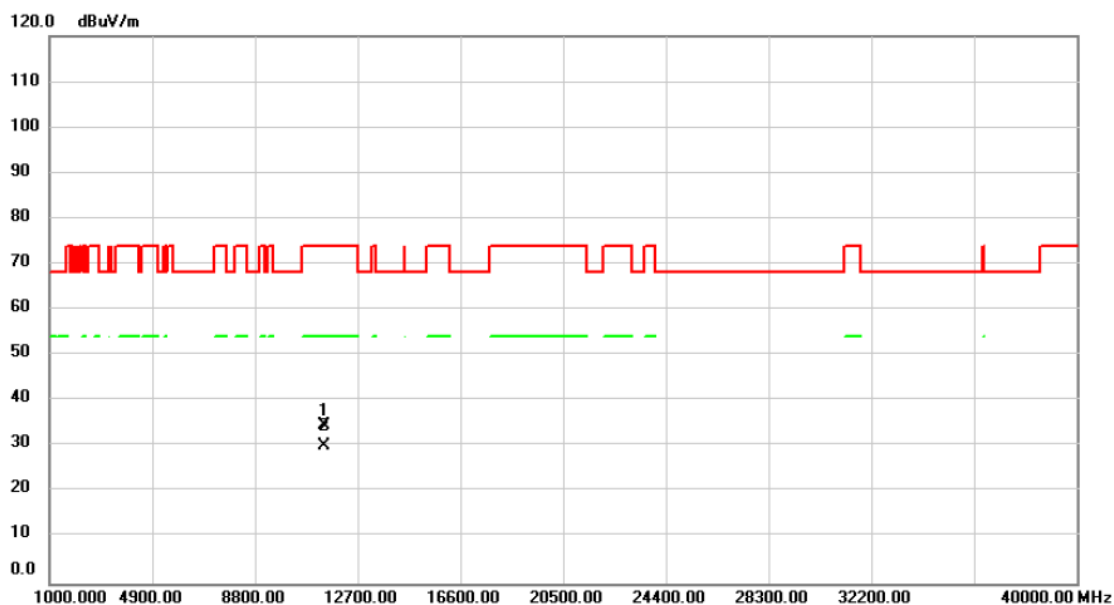


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11160.00	39.34	0.08	39.42	74.00	-34.58	peak		
2	*	11160.00	31.94	0.08	32.02	54.00	-21.98	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5700MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

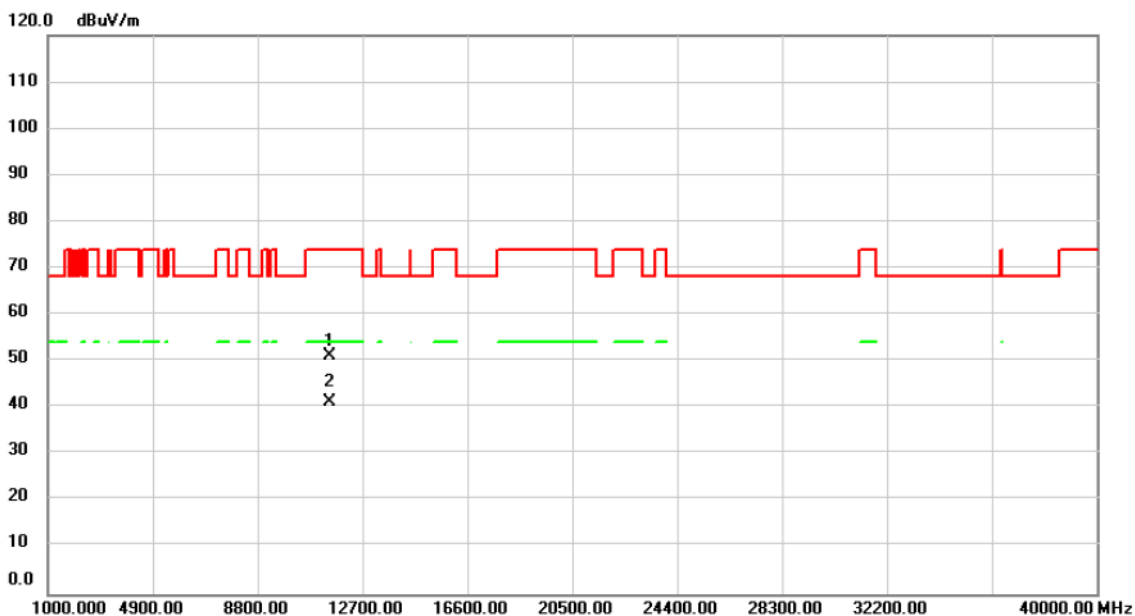


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11400.00	34.05	0.61	34.66	74.00	-39.34	peak		
2	*	11400.00	29.65	0.61	30.26	54.00	-23.74	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

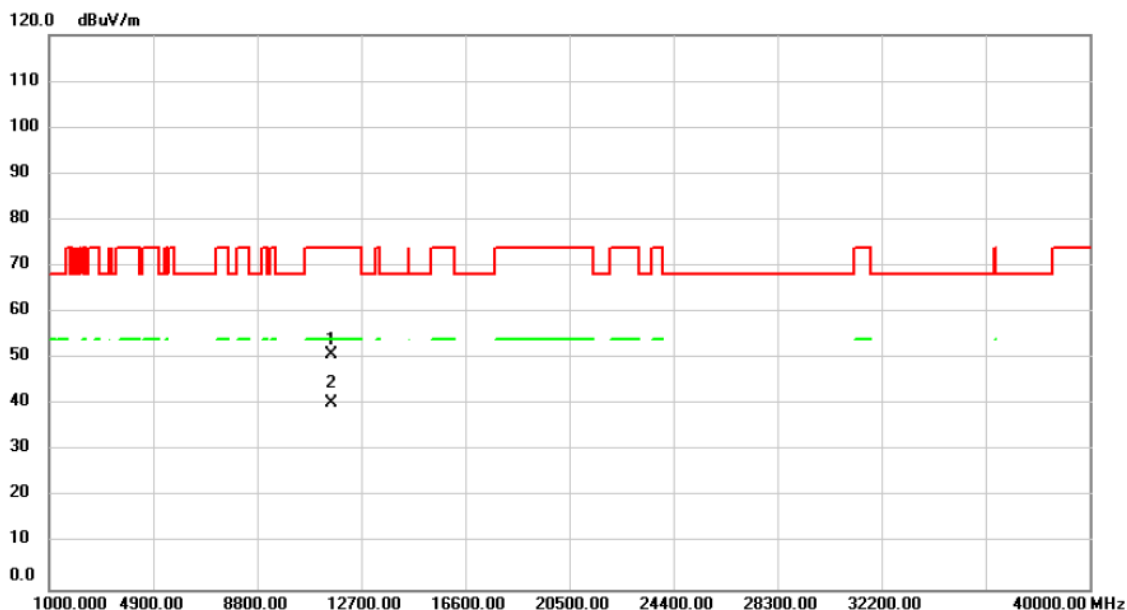


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11491.00	50.46	0.82	51.28	74.00	-22.72	peak		
2	*	11491.00	40.30	0.82	41.12	54.00	-12.88	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5785MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

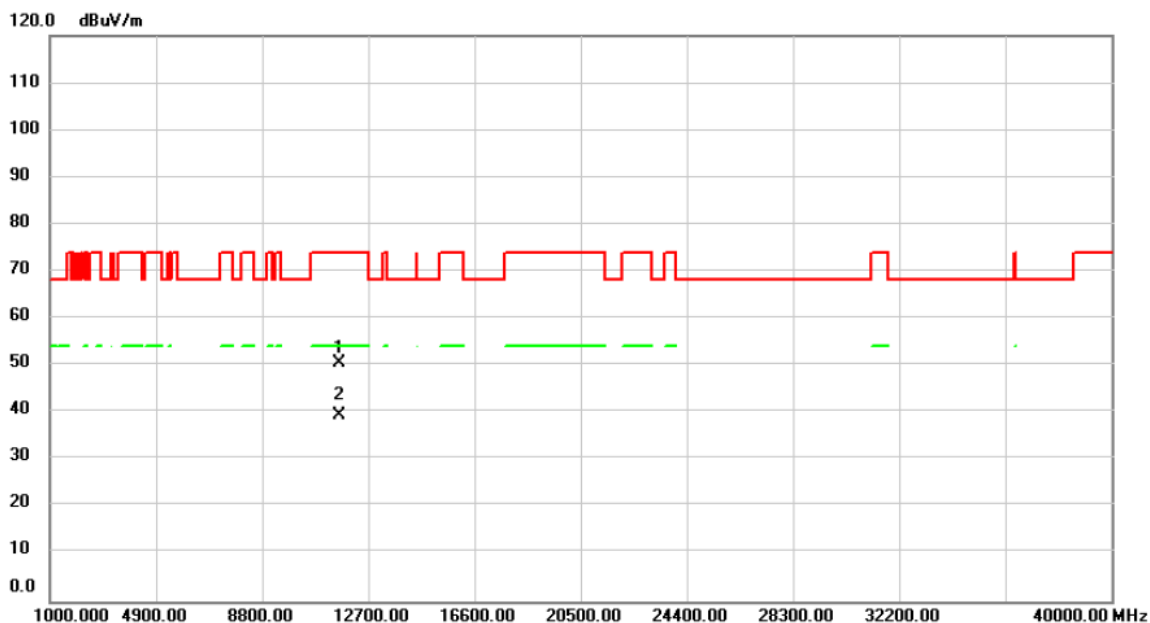


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1		11569.00	50.12	0.83	50.95	74.00	-23.05	peak		
2	*	11569.00	39.53	0.83	40.36	54.00	-13.64	AVG		

REMARKS:

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

Test Mode	IEEE 802.11a	Test Date	2024/4/23
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

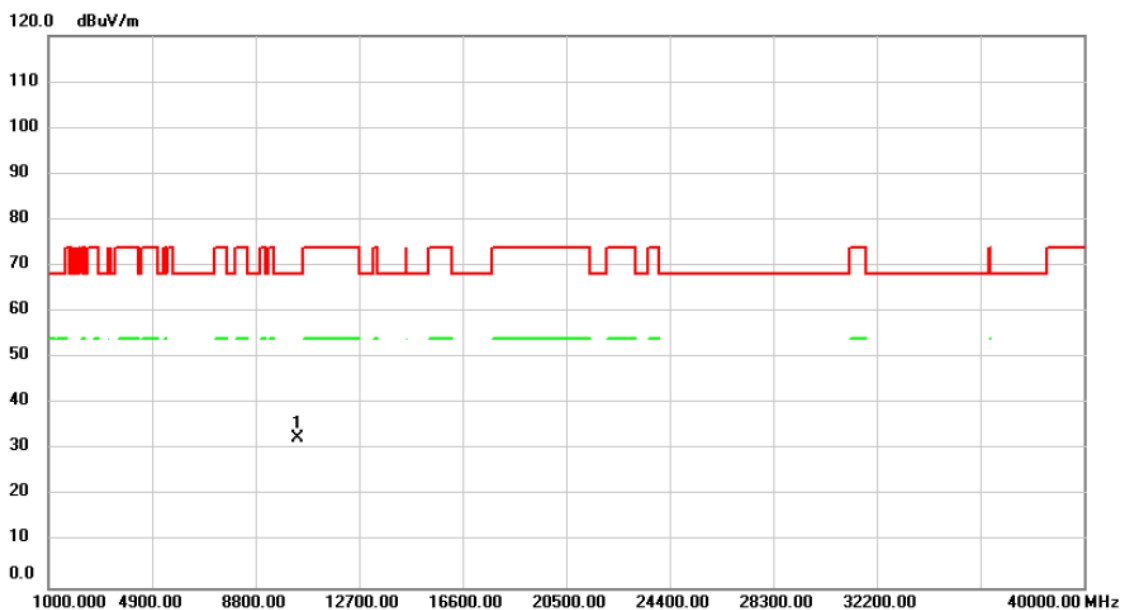


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1		11647.00	49.71	0.83	50.54	74.00	-23.46	peak		
2	*	11647.00	38.60	0.83	39.43	54.00	-14.57	AVG		

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/23
Test Frequency	5180MHz	Polarization	Vertical
Temp	25°C	Hum.	65%

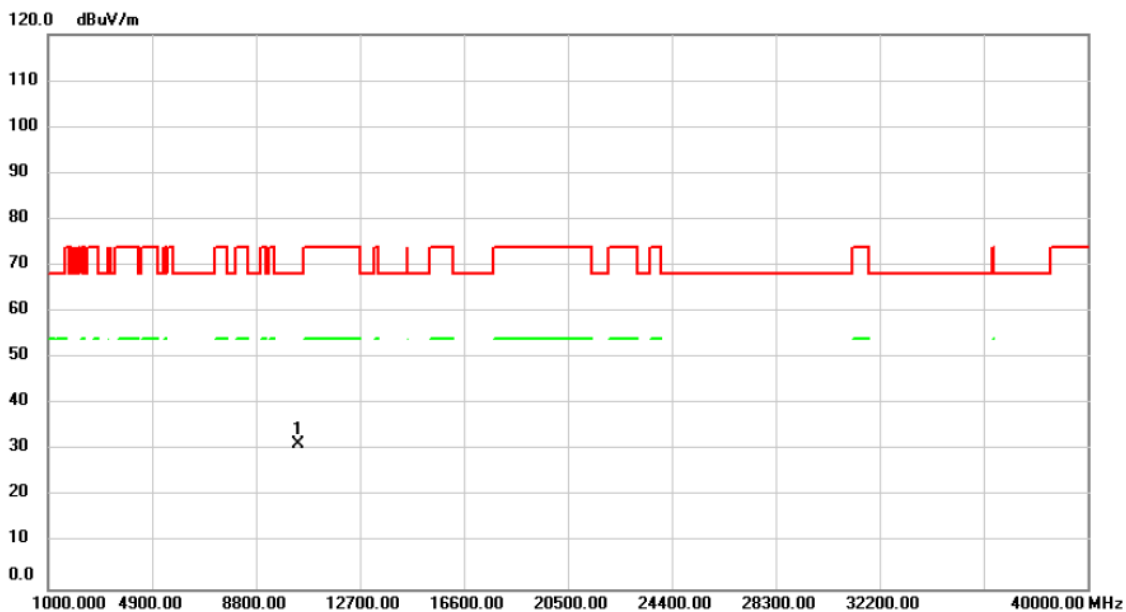


No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	cm	degree	Comment
1	*	10360.00	33.18	-0.60	32.58	68.20	-35.62			peak

REMARKS:

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

Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/4/23
Test Frequency	5200MHz	Polarization	Vertical
Temp	25°C	Hum.	65%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Antenna Height	Table Degree	
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	cm	degree
1	*	10400.00	31.95	-0.55	31.40	68.20	-36.80	peak		

REMARKS:

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