FCC Radio Test Report

FCC ID: 2AUYFRMX3686

Report No.	:	BTL-FCCP-9-2208G029
Equipment	:	Mobile Phone
Model Name	:	RMX3686
Brand Name	:	realme
Applicant	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing,China.
Manufacturer	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing,China.
Factory	:	Realme Chongqing Mobile Telecommunications Corp., Ltd.
Address	:	No.178 Yulong Avenue, Yufengshan, Yubei District, Chongqing,China.
Radio Function	:	RLAN 5 GHz (U-NII 1, U-NII 2A, U-NII 2C, U-NII 3)
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart E (15.407)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2022/8/18
Date of Test	:	2022/10/15 ~ 2022/10/26
Issued Date	:	2022/10/27

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

Prepared by : Jerry Chuang, Engineer

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Declaration

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

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-9-2208G029	R00	Original Report.	2022/10/26	Invalid
BTL-FCCP-9-2208G029	R01	Updated the data of bandedge.	2022/10/27	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

Standard(s) Section	Description	Test Result	Judgement	Remark
15.207	AC Power Line Conducted Emissions	APPENDIX A	Pass	------
15.205 15.209 15.407(b)	Radiated Emissions	APPENDIX B APPENDIX C	Pass	------
15.407(a)	Bandwidth	APPENDIX D	Pass	------
15.407(a)	Output Power	APPENDIX E	Pass	------
15.407(a)	Power Spectral Density	APPENDIX F	Pass	------
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 TP.1.1.1.
(3) The EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.

1.1 TEST FACILITY

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

No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.
☒ C06 ☒ CB21 ☐ CB22

No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
The test sites and facilities are covered under FCC RN: 674415 and DN: TW0659.
☐ C05 ☐ CB08 ☐ CB11 ☐ CB15 ☐ CB16
☒ SR11 ☐ SR05

1.2 MEASUREMENT UNCERTAINTY

The reported uncertainty of measurement **y** ± **U**, where expanded uncertainty **U** is based on a standard uncertainty multiplied by a coverage factor of **k = 2**, providing a level of confidence of approximately **95 %**. The measurement instrumentation uncertainty considerations contained in CISPR 16-4-2. The BTL measurement uncertainty is less than the CISPR 16-4-2 U_{cispr} requirement.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C06	CISPR	150 kHz ~ 30MHz	3.44

B. Radiated emissions test :

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

C. Conducted test :

Test Item	U,(dB)
Occupied Bandwidth	0.5332
Output power	0.3669
Power Spectral Density	0.6590
Conducted Spurious emissions	0.5416
Conducted Band edges	0.5335
Frequency Stability	0.5333

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	21 °C, 58 %	AC 120 V	Paul Shen
Radiated emissions below 1 GHz	23 °C, 59 %	AC 120 V	Jay Tien
Radiated emissions above 1 GHz	23 ~ 25 °C, 59 ~ 62 %	AC 120 V	Jay Tien, Mark Wang
Bandwidth	24.5 °C, 48 %	AC 120 V	Angela Wang
Output Power	24.5 °C, 48 %	AC 120 V	Angela Wang
Power Spectral Density	24.5 °C, 48 %	AC 120 V	Angela Wang

1.4 TABLE OF PARAMETERS OF TEST SOFTWARE SETTING

UNII-1				
Test Software	N/A			
Mode	5180 MHz	5200 MHz	5240 MHz	Data Rate
IEEE 802.11a	13.5	13.5	13.5	6 Mbps
IEEE 802.11n (HT20)	13.5	13.5	13.5	MCS 8
IEEE 802.11ac (VHT20)	13.5	13.5	13.5	MCS 0
IEEE 802.11ax (HE20)	12	12	12	MCS 0
Mode	5190 MHz	5230 MHz		Data Rate
IEEE 802.11n (HT40)	12	16.5		MCS 8
IEEE 802.11ac (VHT40)	12	16.5		MCS 0
IEEE 802.11ax (HE40)	14	14		MCS 0
Mode	5210 MHz			Data Rate
IEEE 802.11ac (VHT80)	8.5			MCS 0
IEEE 802.11ax (HE80)	10			MCS 0

UNII-2A				
Test Software	N/A			
Mode	5260 MHz	5300 MHz	5320 MHz	Data Rate
IEEE 802.11a	14.5	14.5	14.5	6 Mbps
IEEE 802.11n (HT20)	14.5	14.5	13.5	MCS 8
IEEE 802.11ac (VHT20)	14.5	14.5	13.5	MCS 0
IEEE 802.11ax (HE20)	13	12.5	12.5	MCS 0
Mode	5270 MHz	5310 MHz		Data Rate
IEEE 802.11n (HT40)	16	10.5		MCS 8
IEEE 802.11ac (VHT40)	16	10.5		MCS 0
IEEE 802.11ax (HE40)	14.5	12		MCS 0
Mode	5290 MHz			Data Rate
IEEE 802.11ac (VHT80)	9			MCS 0
IEEE 802.11ax (HE80)	10			MCS 0

UNII-2C				
Test Software	N/A			
Mode	5500 MHz	5580 MHz	5700 MHz	Data Rate
IEEE 802.11a	13	14.5	13	6 Mbps
IEEE 802.11n (HT20)	13	14.5	13	MCS 8
IEEE 802.11ac (VHT20)	13	14.5	13	MCS 0
IEEE 802.11ax (HE20)	13	13	13	MCS 0
Mode	5510 MHz	5550 MHz	5670 MHz	Data Rate
IEEE 802.11n (HT40)	13	16	16	MCS 8
IEEE 802.11ac (VHT40)	13	16	16	MCS 0
IEEE 802.11ax (HE40)	13.5	15	10	MCS 0
Mode	5530 MHz	5610 MHz		Data Rate
IEEE 802.11ac (VHT80)	8.5	17		MCS 0
IEEE 802.11ax (HE80)	9.5	15.5		MCS 0

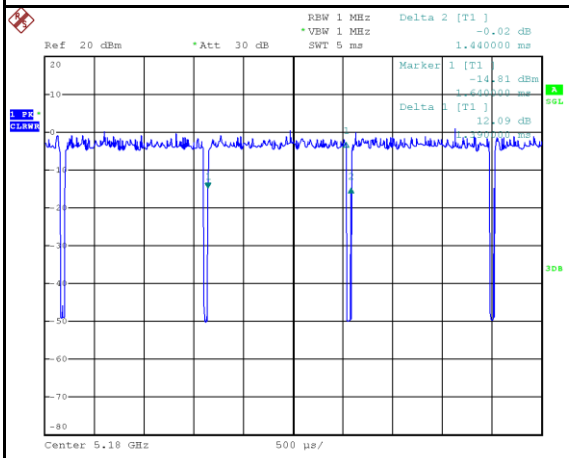
UNII-3				
Test Software	N/A			
Mode	5745 MHz	5785 MHz	5825 MHz	Data Rate
IEEE 802.11a	16	16	16	6 Mbps
IEEE 802.11n (HT20)	16	16	16	MCS 8
IEEE 802.11ac (VHT20)	16	16	16	MCS 0
IEEE 802.11ax (HE20)	15	15	15	MCS 0
Mode	5755 MHz	5795 MHz		Data Rate
IEEE 802.11n (HT40)	16	16		MCS 8
IEEE 802.11ac (VHT40)	16	16		MCS 0
IEEE 802.11ax (HE40)	15	15		MCS 0
Mode	5775 MHz			Data Rate
IEEE 802.11ac (VHT80)	17			MCS 0
IEEE 802.11ax (HE80)	15.5			MCS 0

1.5 DUTY CYCLE

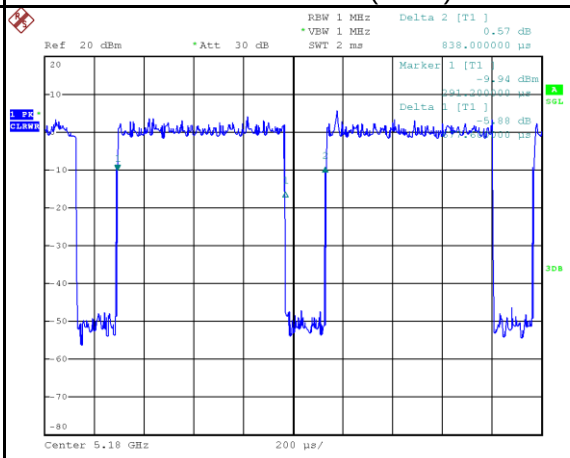
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

Remark	Delta 1			Delta 2	On Time/Period	10 log(1/Duty Cycle)
Mode	ON (ms)	Numbers (ON)	On Time (B) (ms)	Period (ON+OFF) (ms)	Duty Cycle (%)	Duty Factor (dB)
IEEE 802.11a	1.390	1	1.390	1.440	96.53%	0.15
IEEE 802.11n (HT20)	0.678	1	0.678	0.838	80.91%	0.92
IEEE 802.11n (HT40)	0.354	1	0.354	0.514	68.87%	1.62
IEEE 802.11ac (VHT20)	0.690	1	0.690	0.730	94.52%	0.24
IEEE 802.11ac (VHT40)	0.358	1	0.358	0.518	69.11%	1.60
IEEE 802.11ac (VHT80)	0.193	1	0.193	0.350	55.14%	2.59
IEEE 802.11ax (HE20)	0.550	1	0.550	0.590	93.22%	0.30
IEEE 802.11ax (HE40)	0.305	1	0.305	0.466	65.45%	1.84
IEEE 802.11ax (HE80)	0.179	1	0.179	0.336	53.27%	2.73

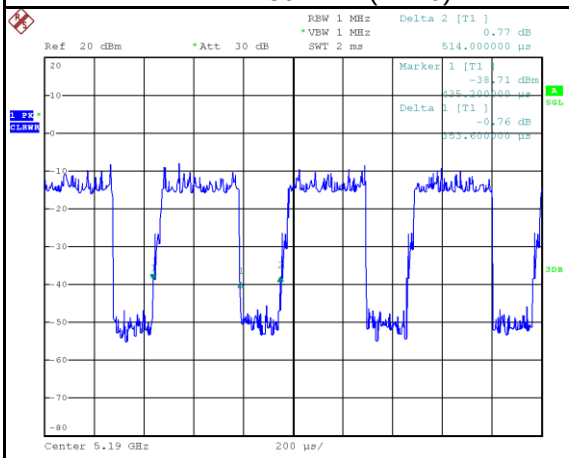
IEEE 802.11a



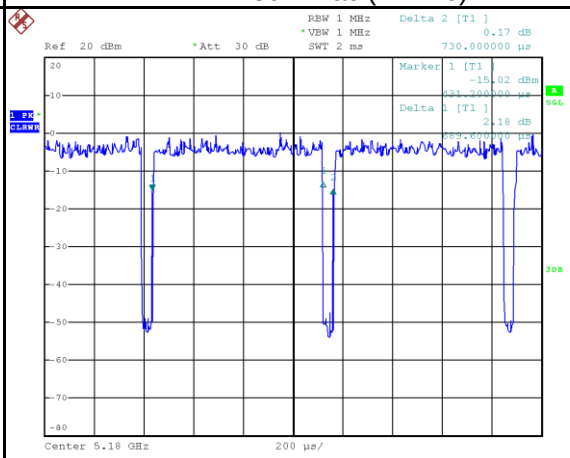
IEEE 802.11n (HT20)

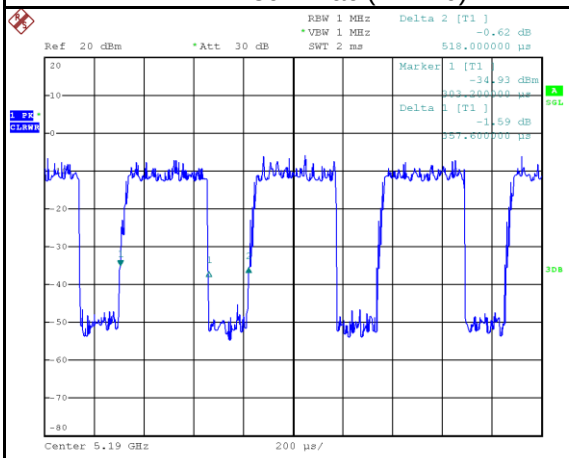
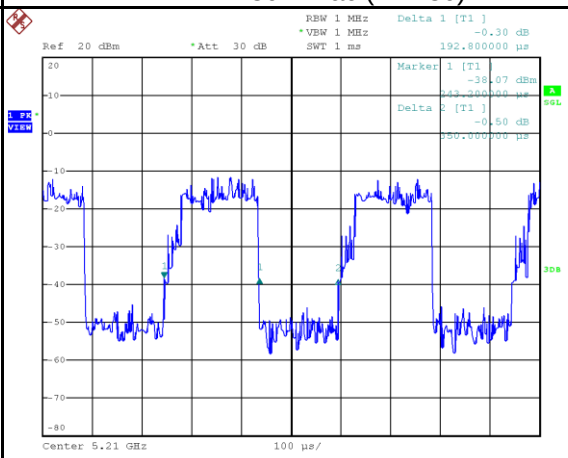
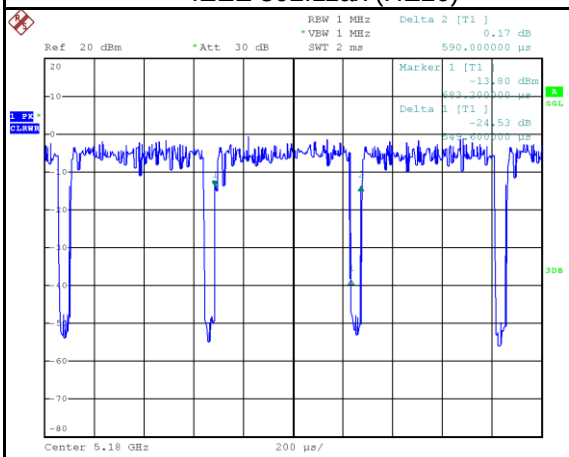
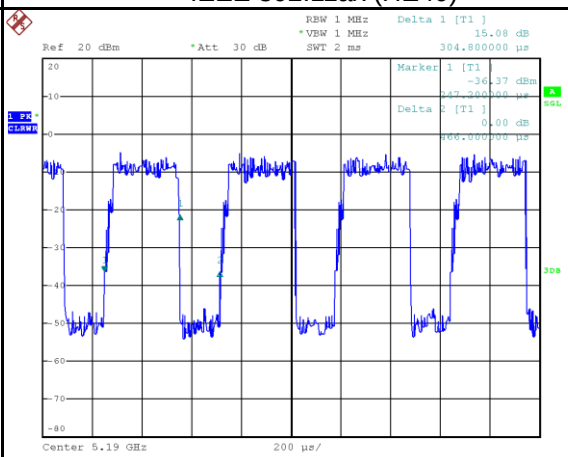
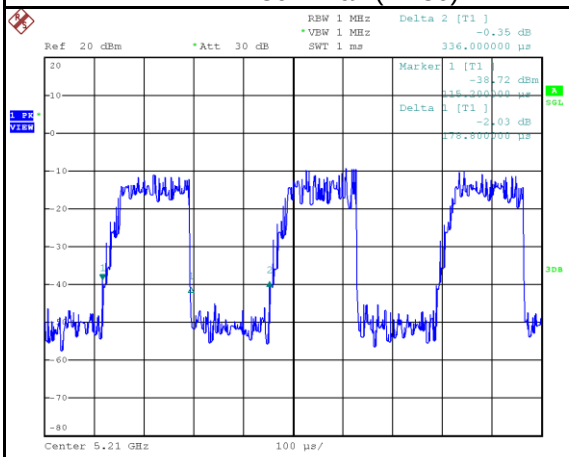


IEEE 802.11n (HT40)



IEEE 802.11ac (VHT20)



IEEE 802.11ac (VHT40)	IEEE 802.11ac (VHT80)
 Date: 17.OCT.2022 19:56:30	 Date: 17.OCT.2022 20:02:05
IEEE 802.11ax (HE20)	IEEE 802.11ax (HE40)
 Date: 17.OCT.2022 19:42:42	 Date: 17.OCT.2022 19:57:58
IEEE 802.11ax (HE80)	
 Date: 17.OCT.2022 20:00:21	

2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	Mobile Phone
Model Name	RMX3686
Brand Name	realme
Model Difference	N/A
Power Source	#1 DC voltage supplied from AC/DC Adapter. #2 Supplied from Li-ion battery. #3 Supplied from USB port.
Power Rating	#1 For VCB7CAUH: 1. I/P: 100-130V~ 50/60Hz 1.8A O/P: 5V ⎓ 2A or 5-11V ⎓ 5A(MAX) I/P: 200-240V~ 50/60Hz 1.8A O/P: 5V ⎓ 2A or 5-11V ⎓ 6.1A(MAX) For VCB8JAUH: 1. I/P: 100-130V~ 50/60Hz 2.0A O/P: 5V ⎓ 2A or 5.0-11.0V ⎓ 6.1A MAX (67W MAX) 2. I/P: 200-240V~ 50/60Hz 2.0A O/P: 5V ⎓ 2A or 5.0-11.0V ⎓ 7.3A MAX (80W MAX) #2 DC 3.87V, 4890mAh/18.92Wh (Min) #3 DC 5V
Products Covered	2 * Adapter: (1) VCB7CAUH (2) VCB8JAUH 1 * Li-ion battery: realme / BLP951 1 * TYPE-C Cable
Operation Band	UNII-1: 5150 MHz to 5250 MHz UNII-2A: 5250 MHz to 5350 MHz UNII-2C: 5470 MHz to 5725 MHz UNII-3: 5725 MHz to 5850 MHz
Operation Frequency	UNII-1: 5180 MHz to 5240 MHz UNII-2A: 5260 MHz to 5320 MHz UNII-2C: 5500 MHz to 5700 MHz UNII-3: 5745 MHz to 5825 MHz
Modulation Technology	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax: OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: Up to 150 Mbps 802.11ac: Up to 433.3 Mbps
Output Power Max. for UNII-1	IEEE 802.11a: 26.49 dBm (0.4457 W) IEEE 802.11n (HT20): 25.70 dBm (0.3715 W) IEEE 802.11n (HT40): 27.95 dBm (0.6237 W) IEEE 802.11ac (VHT20): 25.90 dBm (0.3890 W) IEEE 802.11ac (VHT40): 27.95 dBm (0.6237 W) IEEE 802.11ac (VHT80): 22.14 dBm (0.1637 W) IEEE 802.11ax (HE20): 26.34 dBm (0.4305 W) IEEE 802.11ax (HE40): 26.82 dBm (0.4808 W) IEEE 802.11ax (HE80): 22.38 dBm (0.1730 W)

Output Power Max. for UNII-2A	IEEE 802.11a: 27.26 dBm (0.5321 W) IEEE 802.11n (HT20): 26.14 dBm (0.4111 W) IEEE 802.11n (HT40): 27.27 dBm (0.5333 W) IEEE 802.11ac (VHT20): 26.80 dBm (0.4786 W) IEEE 802.11ac (VHT40): 26.08 dBm (0.4055 W) IEEE 802.11ac (VHT80): 21.99 dBm (0.1581 W) IEEE 802.11ax (HE20): 26.28 dBm (0.4246 W) IEEE 802.11ax (HE40): 26.86 dBm (0.4853 W) IEEE 802.11ax (HE80): 22.20 dBm (0.1660 W)
Output Power Max. for UNII-2C	IEEE 802.11a: 26.87 dBm (0.4864 W) IEEE 802.11n (HT20): 26.15 dBm (0.4121 W) IEEE 802.11n (HT40): 25.75 dBm (0.3758 W) IEEE 802.11ac (VHT20): 26.74 dBm (0.4721 W) IEEE 802.11ac (VHT40): 25.71 dBm (0.3724 W) IEEE 802.11ac (VHT80): 26.99 dBm (0.5000 W) IEEE 802.11ax (HE20): 26.56 dBm (0.4529 W) IEEE 802.11ax (HE40): 26.38 dBm (0.4345 W) IEEE 802.11ax (HE80): 27.07 dBm (0.5093 W)
Output Power Max. for UNII-3	IEEE 802.11a: 26.94 dBm (0.4943 W) IEEE 802.11n (HT20): 26.45 dBm (0.4416 W) IEEE 802.11n (HT40): 25.70 dBm (0.3715 W) IEEE 802.11ac (VHT20): 26.44 dBm (0.4406 W) IEEE 802.11ac (VHT40): 25.62 dBm (0.3648W) IEEE 802.11ac (VHT80): 26.83 dBm (0.4819 W) IEEE 802.11ax (HE20): 27.39 dBm (0.5483 W) IEEE 802.11ax (HE40): 26.01 dBm (0.3990 W) IEEE 802.11ax (HE80): 26.98 dBm (0.4989 W)
Test Model	RMX3686
Sample Status	Engineering Sample
EUT Modification(s)	N/A

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

(2) Channel List:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(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				

(3) Table for Filed Antenna:

Ant.	Brand Name	Model Name	Type	Connector	Frequency (MHz)	Gain (dBi)
1	realme	Ant 7	IFA	N/A	5150-5250	-1.5
2		Ant 9				-3.9

Note:

1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
Directional gain=10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT}= 0.39 dBi < 6dBi

Ant.	Brand Name	Model Name	Type	Connector	Frequency (MHz)	Gain (dBi)
1	realme	Ant 7	IFA	N/A	5250-5350	-1.7
2		Ant 9				-1.7

Note:

1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
Directional gain=10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT}= 1.31 dBi < 6dBi

Ant.	Brand Name	Model Name	Type	Connector	Frequency (MHz)	Gain (dBi)
1	realme	Ant 7	IFA	N/A	5470-5725	-0.7
2		Ant 9				-1.7

Note:

1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
Directional gain=10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT}= 1.82 dBi < 6dBi

Ant.	Brand Name	Model Name	Type	Connector	Frequency (MHz)	Gain (dBi)
1	realme	Ant 7	IFA	N/A	5725-5850	-0.4
2		Ant 9				-2.2

Note:

1) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).
Directional gain=10*log{[10^(G1/20)+10^(G2/20)+…+10^(Gn/20)]^2/NANT}= 1.50 dBi < 6dBi

(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.

2.2 TEST MODES

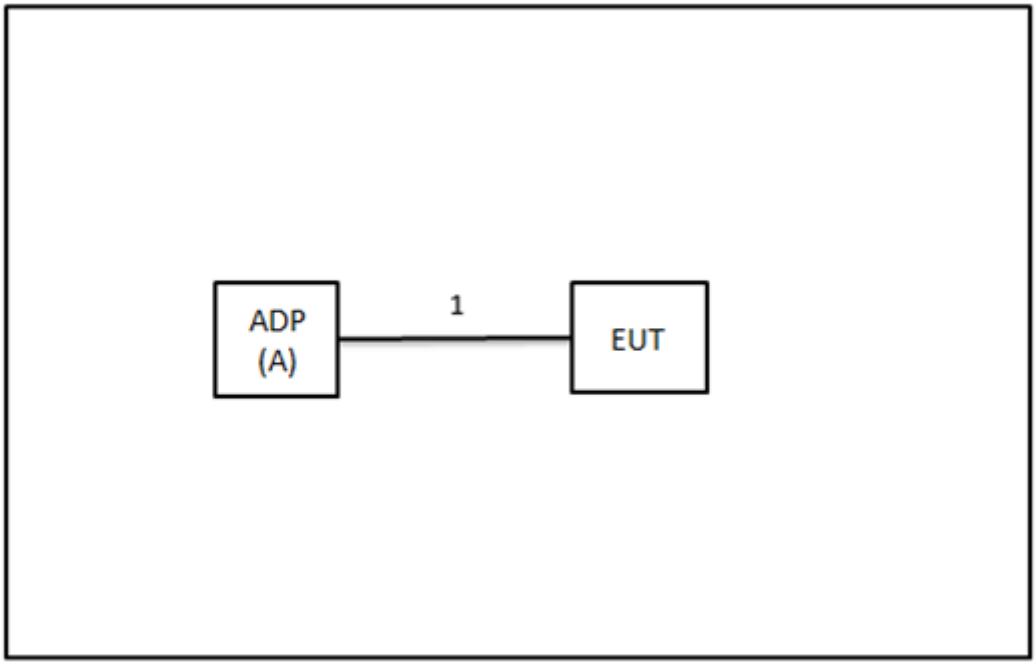
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11ac (VHT40)	38	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11a	36/48, 52/64 100/140, 149/165	Bandedge
	TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11ac (VHT40)	38/46, 54/62 102/134, 151/159	
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122, 155	
	TX Mode_IEEE 802.11ax (HE80)		
	TX Mode_IEEE 802.11a	36/40/48 52/60/64 100/116/140 149/157/165	Harmonic
	TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11ac (VHT40)	38/46/ 54/62 102/110/134 151/159	
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122, 155	
	TX Mode_IEEE 802.11ax (HE80)		
Bandwidth & Power Spectral Density	TX Mode_IEEE 802.11a	36/40/48 52/60/64 100/116/140 149/157/165	-
	TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11ac (VHT40)	38/46 54/62 102/110/134 151/159	
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122, 155	
	TX Mode_IEEE 802.11ax (HE80)		
Output Power	TX Mode_IEEE 802.11a	36/40/48 52/60/64 100/116/140 149/157/165	-
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11ax (HE20)		
	TX Mode_IEEE 802.11n (HT40)	38/46/ 54/62 102/110/134 151/159	
	TX Mode_IEEE 802.11ac (VHT40)		
	TX Mode_IEEE 802.11ax (HE40)		
	TX Mode_IEEE 802.11ac (VHT80)	42, 58 106/122, 155	
	TX Mode_IEEE 802.11ax (HE80)		

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(2) 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 802.11ax(HE20) mode, IEEE 802.11ax(HE40) mode and IEEE 802.11ax(HE80) mode, only the worst cases are documented for other test items.
(3) For AC power line conducted emissions and radiated emissions below 1 GHz test, all adapters had been pre-tested and in this report only recorded the worst adapter (Model: VCB8JAUH).

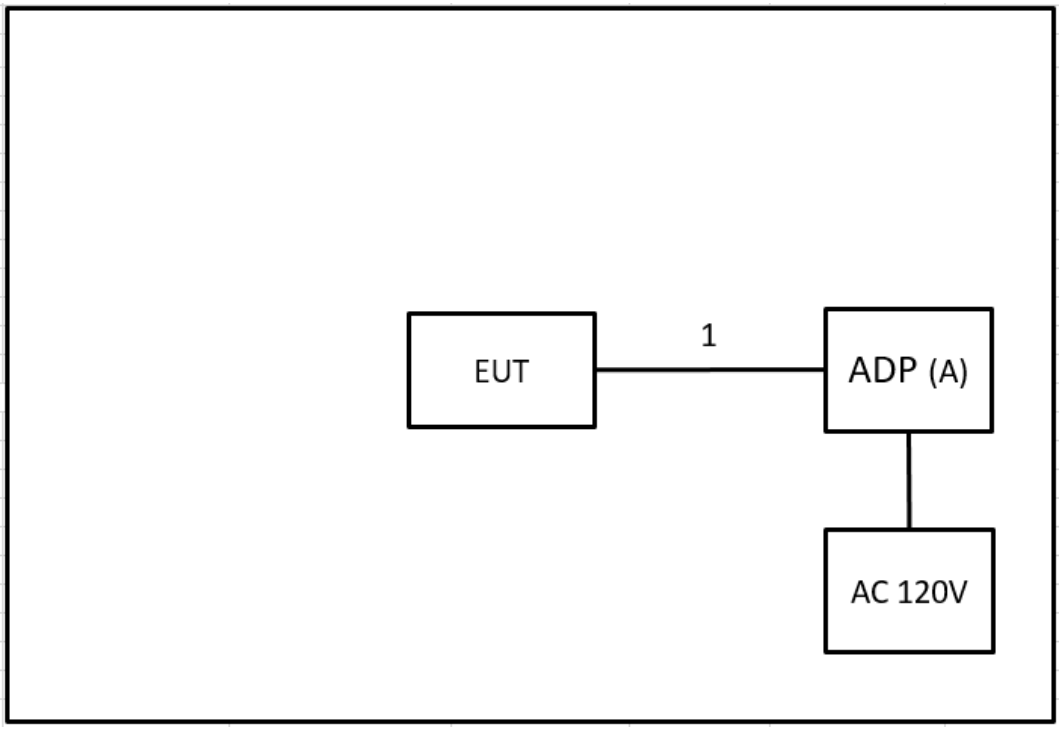
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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

AC power line conducted emissions



Radiated Emissions



2.4 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.	Remarks
A	ADP	SUPERVOOC	VCB7CAUH	N/A	Supplied by test requester.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	USB to Type C Cable	Supplied by test requester.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

Reading Level		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

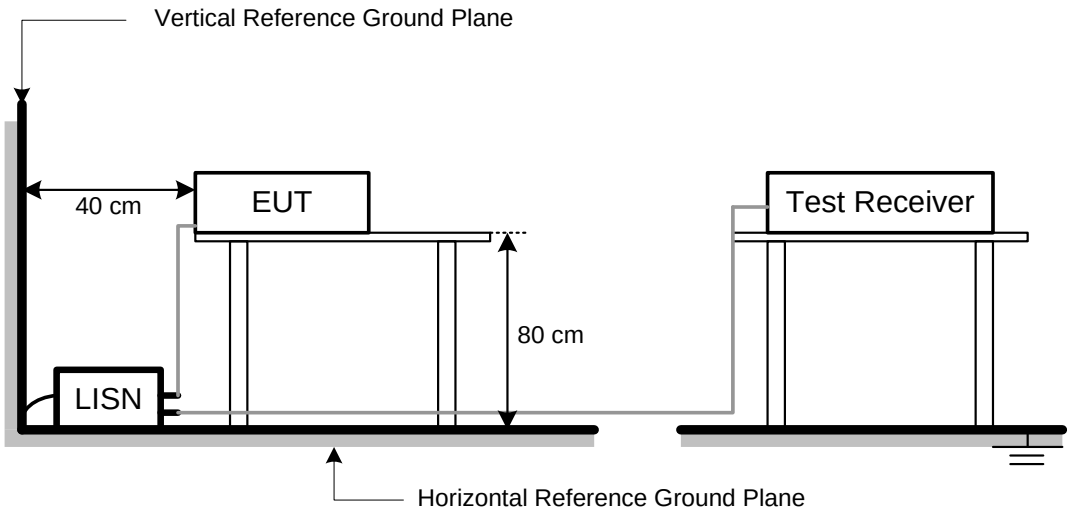
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.
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 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 TEST RESULT

Please refer to the APPENDIX A.

4 RADIATED EMISSIONS TEST

4.1 LIMIT

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

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

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

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS

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

NOTE:

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

$$E = \frac{1000000\sqrt{30P}}{3}$$ μV/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

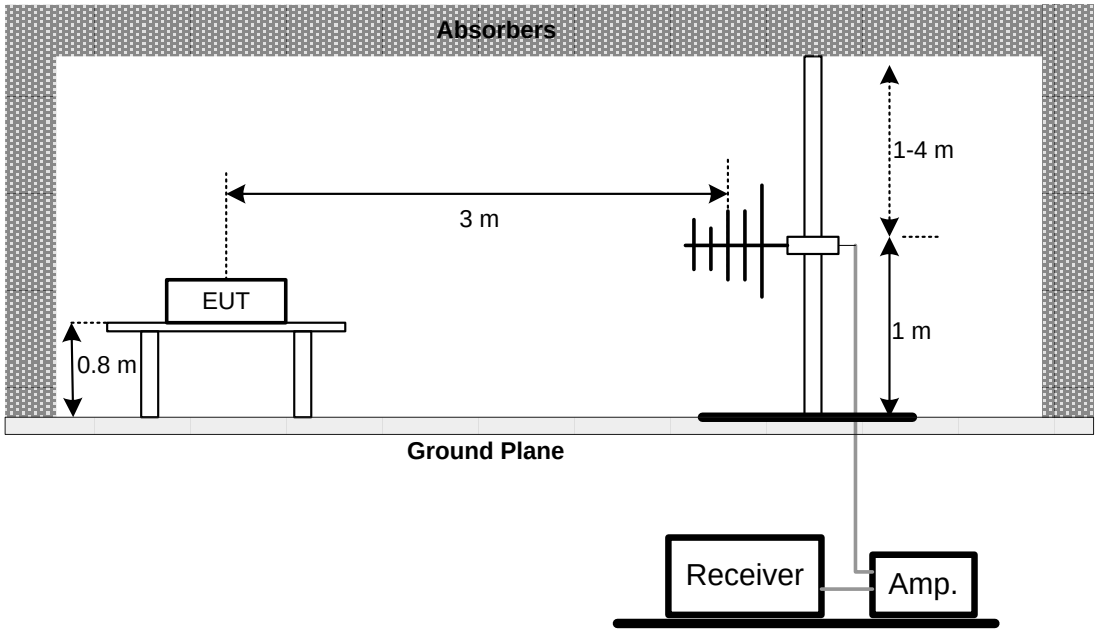
a. The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
b. The measuring distance 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)
c. 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.
d. 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).
e. 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.
f. 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.
g. 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)
h. 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)
i. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

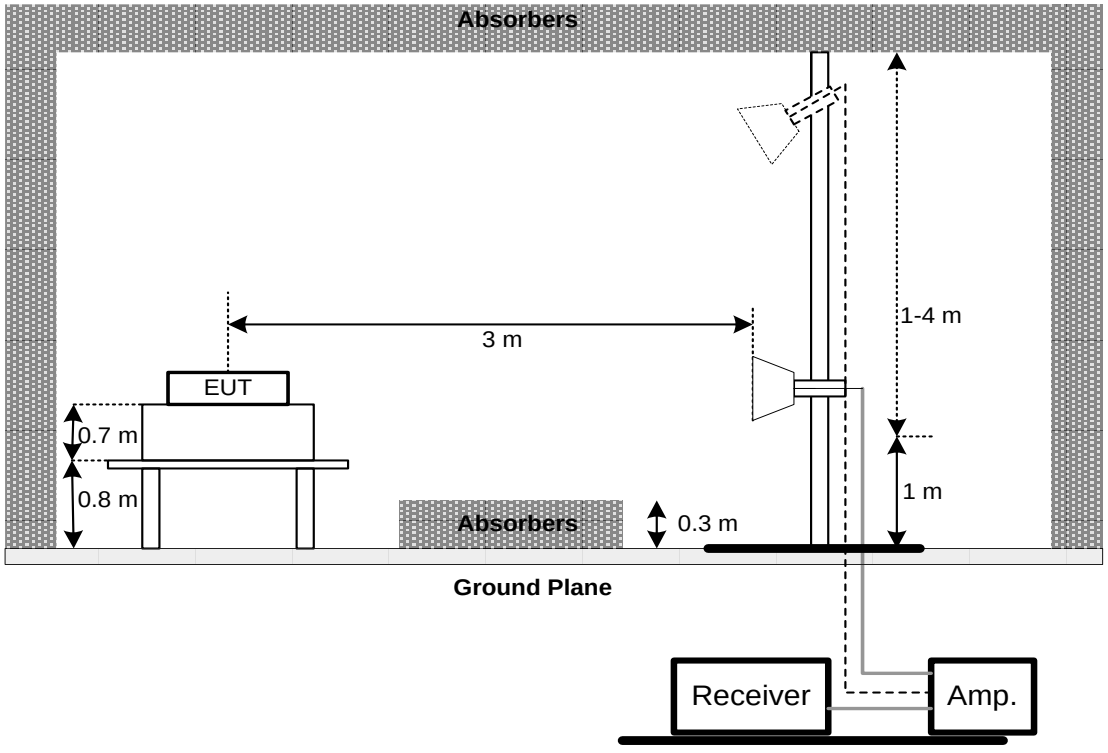
No deviation.

4.4 TEST SETUP

30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – BELOW 30 MHZ

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

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX B.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX C.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

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

a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. 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 DEVIATION FROM TEST STANDARD

No deviation.

5.4 TEST SETUP

5.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

5.6 TEST RESULT

Please refer to the APPENDIX D.

6 OUTPUT POWER TEST

6.1 LIMIT

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).			

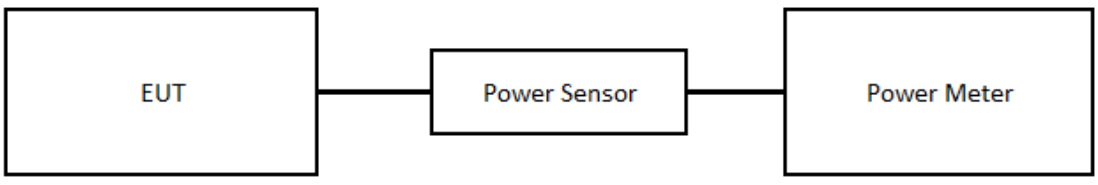
6.2 TEST PROCEDURE

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

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX E.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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 Mobile and portable: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
			5470-5725
		30 dBm/500 kHz	5725-5850

7.2 TEST PROCEDURE

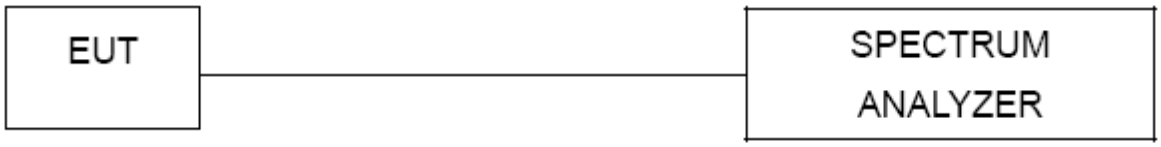
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting:

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

7.3 DEVIATION FROM TEST STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULT

Please refer to the APPENDIX F.

8 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101051	2022/6/15	2023/6/14
2	Test Cable	EMCI	EMCRG58-BM-BM-9000	210501	2022/5/2	2023/5/1
3	EMI Test Receiver	R&S	ESR 7	101433	2021/11/24	2022/11/23
4	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Radiated Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Preamplifier	EMCI	EMC330N	980850	2022/9/19	2023/9/18
2	Preamplifier	EMCI	EMC118A45SE	980819	2022/3/8	2023/3/7
3	Preamplifier	EMCI	EMC184045SE	980512	2022/4/6	2023/4/5
4	Preamplifier	EMCI	EMC001340	980555	2022/4/6	2023/4/5
5	Test Cable	EMCI	EMC104-SM-SM-1000	220319	2022/3/15	2023/3/14
6	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2022/3/15	2023/3/14
7	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2022/3/15	2023/3/14
8	EXA Signal Analyzer	keysight	N9020A	MY57120120	2022/3/7	2023/3/6
9	Loop Ant	Electro-Metrics	EMCI-LPA600	274	2022/6/28	2023/6/27
10	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2022/5/18	2023/5/17
11	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2022/5/18	2023/5/17
12	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2022/5/20	2023/5/19
13	6dB Attenuator	EMCI	EMCI-N-6-06	AT-N0625	2022/5/20	2023/5/19
14	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP38	101139	2022/3/2	2023/3/1

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Power Meter	Anritsu	ML2495A	1128008	2022/6/1	2023/5/31
2	Power Sensor	Anritsu	MA2411B	1126001	2022/6/1	2023/5/31

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP38	101139	2022/3/2	2023/3/1

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

9 EUT TEST PHOTO

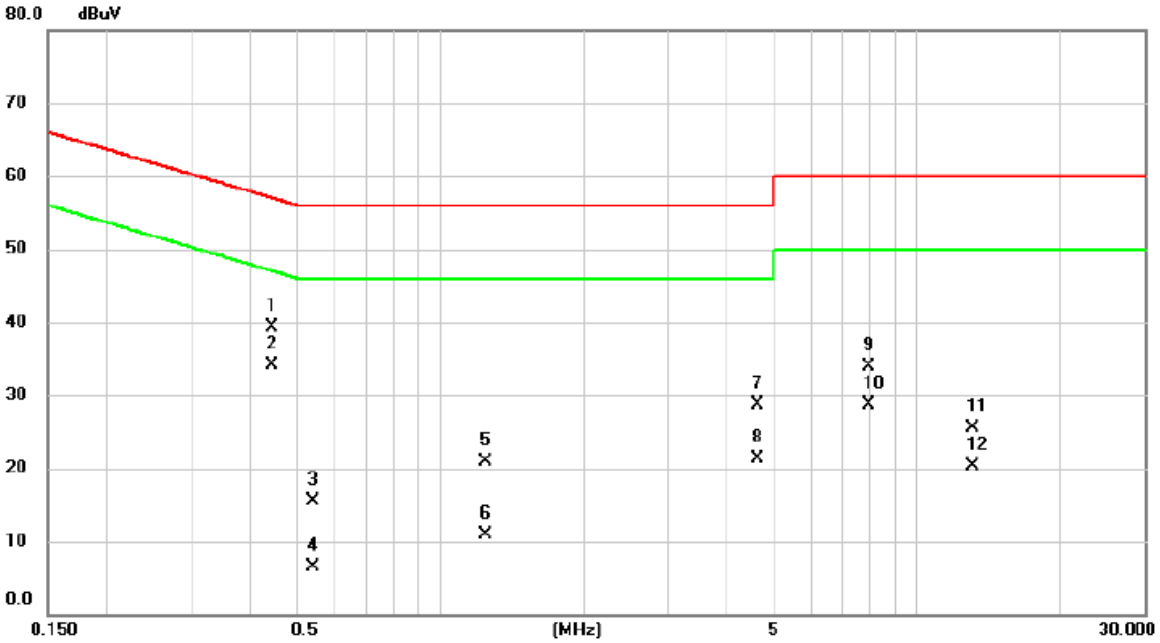
Please refer to document Appendix No.: TP-2208G029-FCCP-2 (APPENDIX-TEST PHOTOS).

10 EUT PHOTOS

Please refer to document Appendix No.: EP-2208G029-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

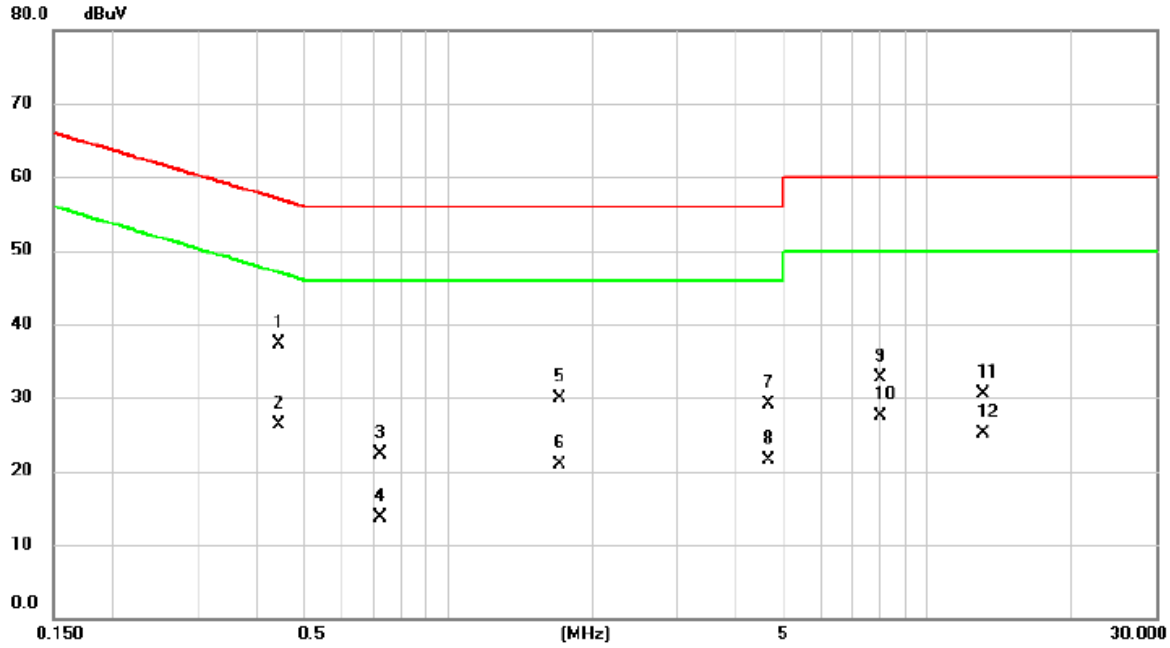
Test Mode	Normal	Tested Date	2022/10/21
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4447	29.55	9.69	39.24	56.97	-17.73	QP	
2	*	0.4447	24.44	9.69	34.13	46.97	-12.84	AVG	
3		0.5392	5.80	9.69	15.49	56.00	-40.51	QP	
4		0.5392	-3.28	9.69	6.41	46.00	-39.59	AVG	
5		1.2458	11.18	9.71	20.89	56.00	-35.11	QP	
6		1.2458	1.24	9.71	10.95	46.00	-35.05	AVG	
7		4.6433	18.82	9.81	28.63	56.00	-27.37	QP	
8		4.6433	11.40	9.81	21.21	46.00	-24.79	AVG	
9		7.9148	24.11	9.86	33.97	60.00	-26.03	QP	
10		7.9148	18.77	9.86	28.63	50.00	-21.37	AVG	
11		13.0403	15.56	9.89	25.45	60.00	-34.55	QP	
12		13.0403	10.36	9.89	20.25	50.00	-29.75	AVG	

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

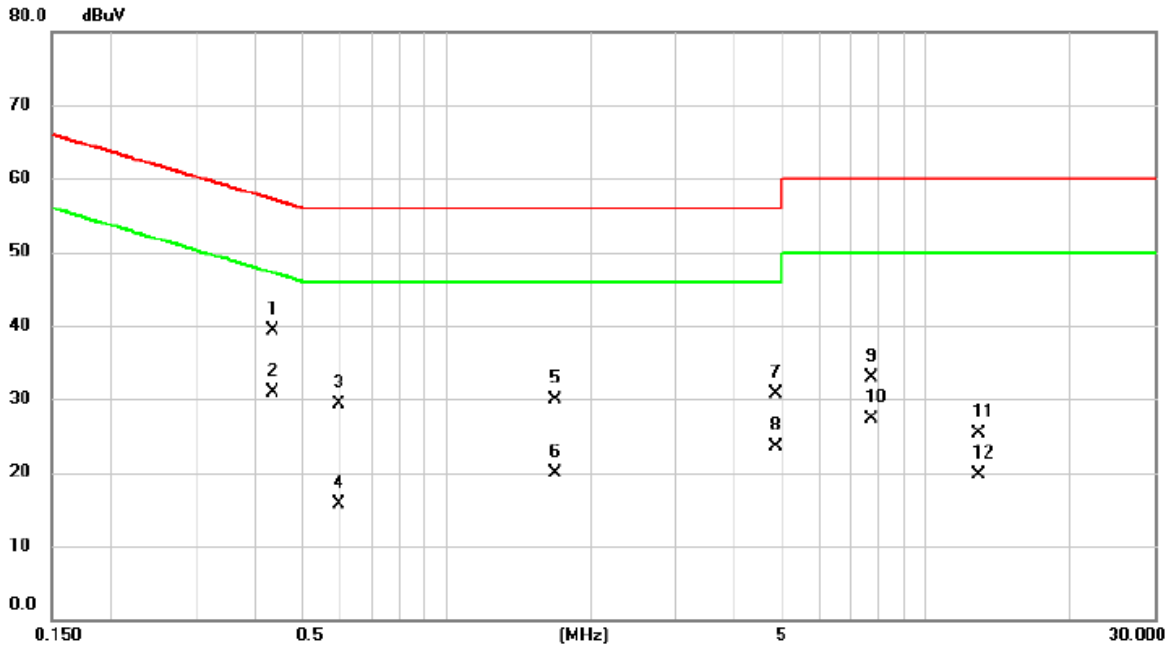
Test Mode	Normal	Tested Date	2022/10/21
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.4425	27.64	9.69	37.33	57.01	-19.68	QP	
2		0.4425	16.67	9.69	26.36	47.01	-20.65	AVG	
3		0.7215	12.56	9.69	22.25	56.00	-33.75	QP	
4		0.7215	4.08	9.69	13.77	46.00	-32.23	AVG	
5		1.7160	20.08	9.73	29.81	56.00	-26.19	QP	
6		1.7160	11.12	9.73	20.85	46.00	-25.15	AVG	
7		4.6658	19.35	9.82	29.17	56.00	-26.83	QP	
8		4.6658	11.59	9.82	21.41	46.00	-24.59	AVG	
9		7.9890	22.84	9.87	32.71	60.00	-27.29	QP	
10		7.9890	17.55	9.87	27.42	50.00	-22.58	AVG	
11		13.0358	20.61	9.93	30.54	60.00	-29.46	QP	
12		13.0358	15.14	9.93	25.07	50.00	-24.93	AVG	

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

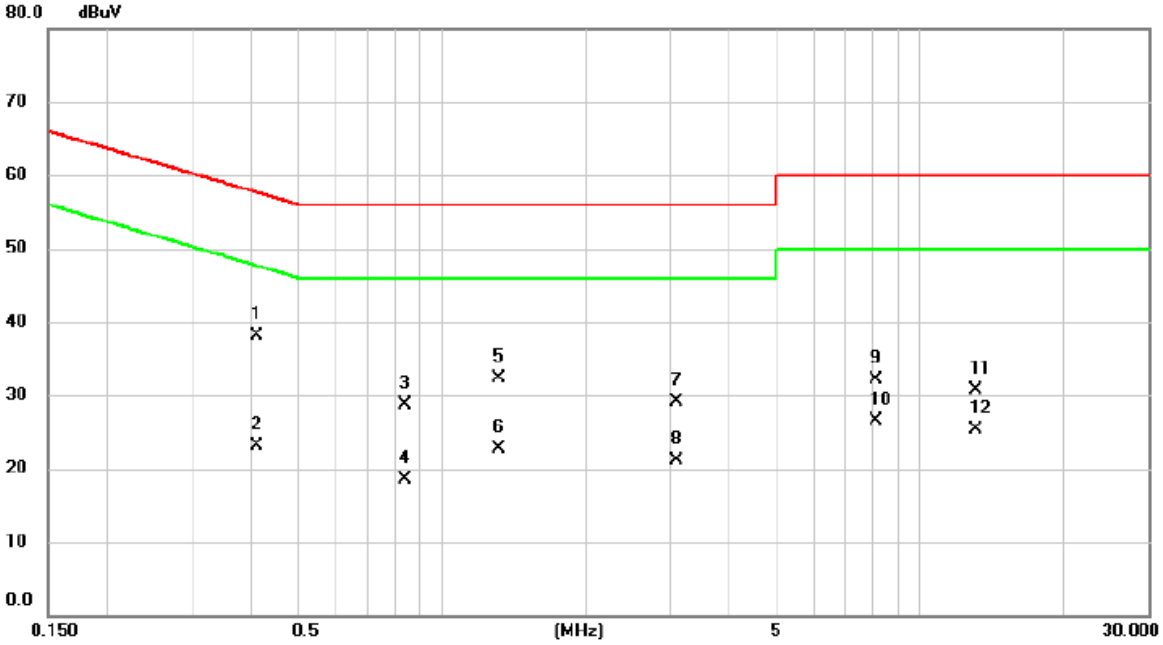
Test Mode	Idle	Tested Date	2022/10/21
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.4335	29.53	9.69	39.22	57.19	-17.97	QP	
2	*	0.4335	21.12	9.69	30.81	47.19	-16.38	AVG	
3		0.5977	19.70	9.69	29.39	56.00	-26.61	QP	
4		0.5977	5.93	9.69	15.62	46.00	-30.38	AVG	
5		1.6823	20.08	9.74	29.82	56.00	-26.18	QP	
6		1.6823	10.07	9.74	19.81	46.00	-26.19	AVG	
7		4.8728	20.78	9.83	30.61	56.00	-25.39	QP	
8		4.8728	13.69	9.83	23.52	46.00	-22.48	AVG	
9		7.6785	23.09	9.85	32.94	60.00	-27.06	QP	
10		7.6785	17.40	9.85	27.25	50.00	-22.75	AVG	
11		12.8760	15.37	9.90	25.27	60.00	-34.73	QP	
12		12.8760	9.71	9.90	19.61	50.00	-30.39	AVG	

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

Test Mode	Idle	Tested Date	2022/10/21
Test Frequency	-	Phase	Neutral

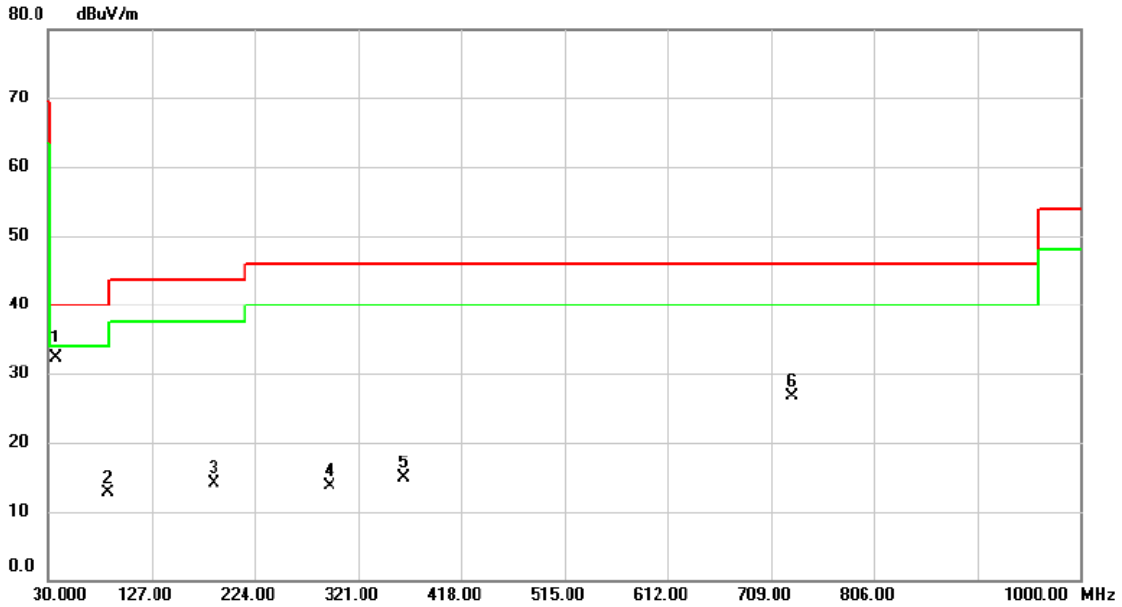


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1	*	0.4110	28.51	9.69	38.20	57.63	-19.43	QP	
2		0.4110	13.38	9.69	23.07	47.63	-24.56	AVG	
3		0.8385	18.97	9.69	28.66	56.00	-27.34	QP	
4		0.8385	8.78	9.69	18.47	46.00	-27.53	AVG	
5		1.3133	22.52	9.71	32.23	56.00	-23.77	QP	
6		1.3133	12.97	9.71	22.68	46.00	-23.32	AVG	
7		3.0953	19.30	9.77	29.07	56.00	-26.93	QP	
8		3.0953	11.25	9.77	21.02	46.00	-24.98	AVG	
9		8.0745	22.32	9.87	32.19	60.00	-27.81	QP	
10		8.0745	16.68	9.87	26.55	50.00	-23.45	AVG	
11		13.0943	20.75	9.93	30.68	60.00	-29.32	QP	
12		13.0943	15.32	9.93	25.25	50.00	-24.75	AVG	

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

APPENDIX B RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

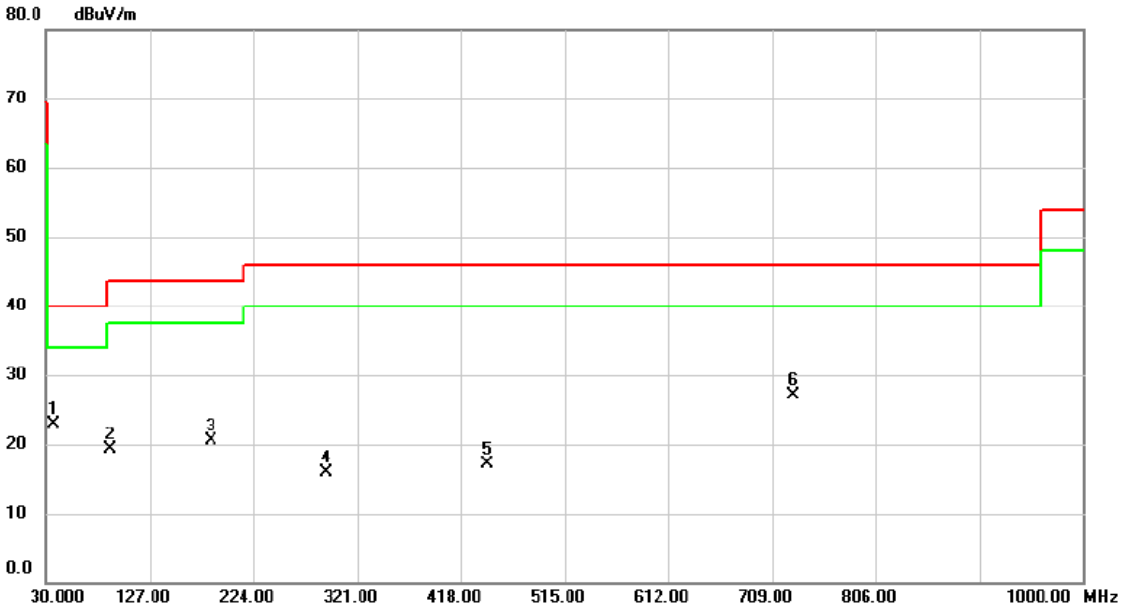
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/19
Test Frequency	5190MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.4690	50.14	-17.80	32.34	40.00	-7.66	QP	
2		86.4863	35.29	-22.64	12.65	40.00	-27.35	peak	
3		185.6203	34.61	-20.60	14.01	43.50	-29.49	peak	
4		294.4866	32.05	-18.43	13.62	46.00	-32.38	peak	
5		364.9410	31.49	-16.63	14.86	46.00	-31.14	peak	
6		729.6610	35.16	-8.39	26.77	46.00	-19.23	peak	

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/19
Test Frequency	5190MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%

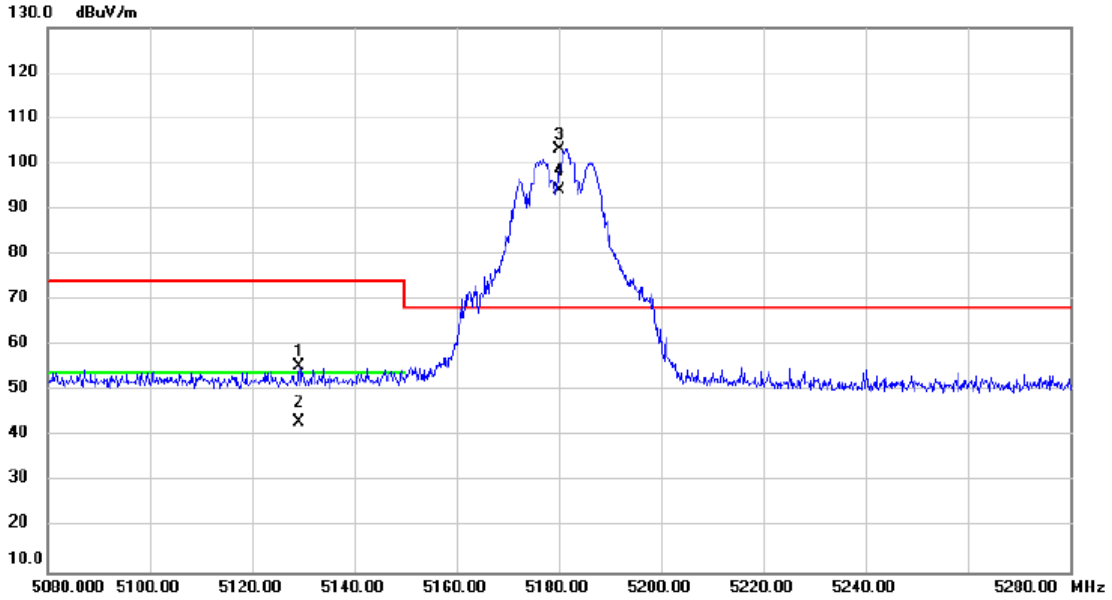


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	37.1457	40.84	-17.84	23.00	40.00	-17.00	peak	
2		90.2370	41.89	-22.52	19.37	43.50	-24.13	peak	
3		185.0060	41.00	-20.53	20.47	43.50	-23.03	peak	
4		291.7707	34.47	-18.50	15.97	46.00	-30.03	peak	
5		443.3170	31.52	-14.48	17.04	46.00	-28.96	peak	
6		729.6610	35.53	-8.39	27.14	46.00	-18.86	peak	

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

APPENDIX C RADIATED EMISSIONS - ABOVE 1 GHZ

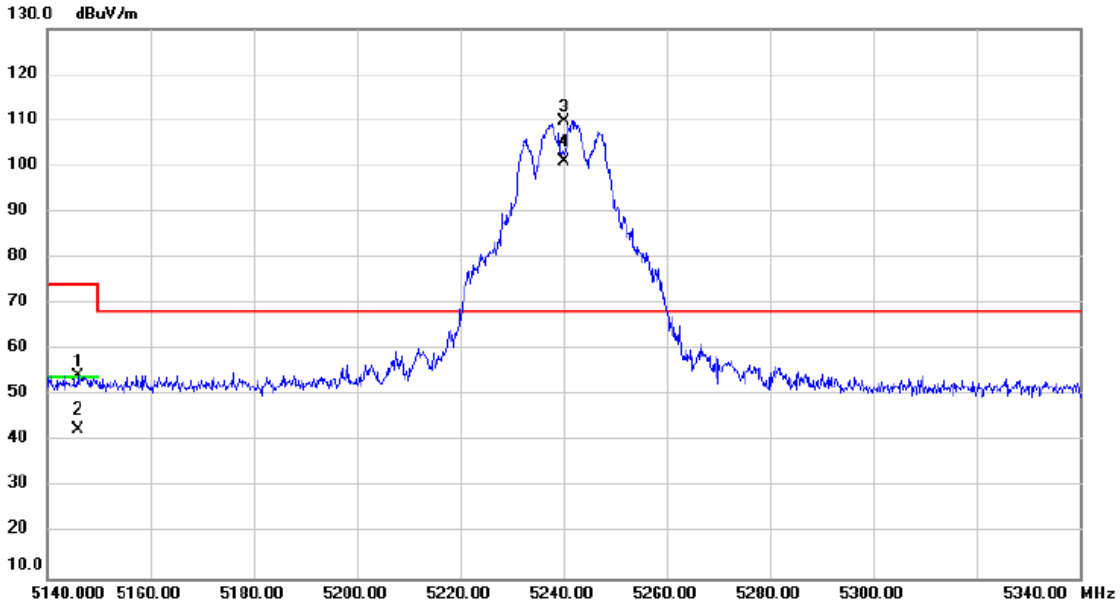
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5180MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5129.147	54.19	1.36	55.55	74.00	-18.45	peak	
2		5129.147	41.88	1.36	43.24	54.00	-10.76	AVG	
3	*	5180.000	101.81	1.39	103.20	68.20	35.00	peak	No Limit
4	X	5180.000	92.66	1.39	94.05	68.20	25.85	AVG	No Limit

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

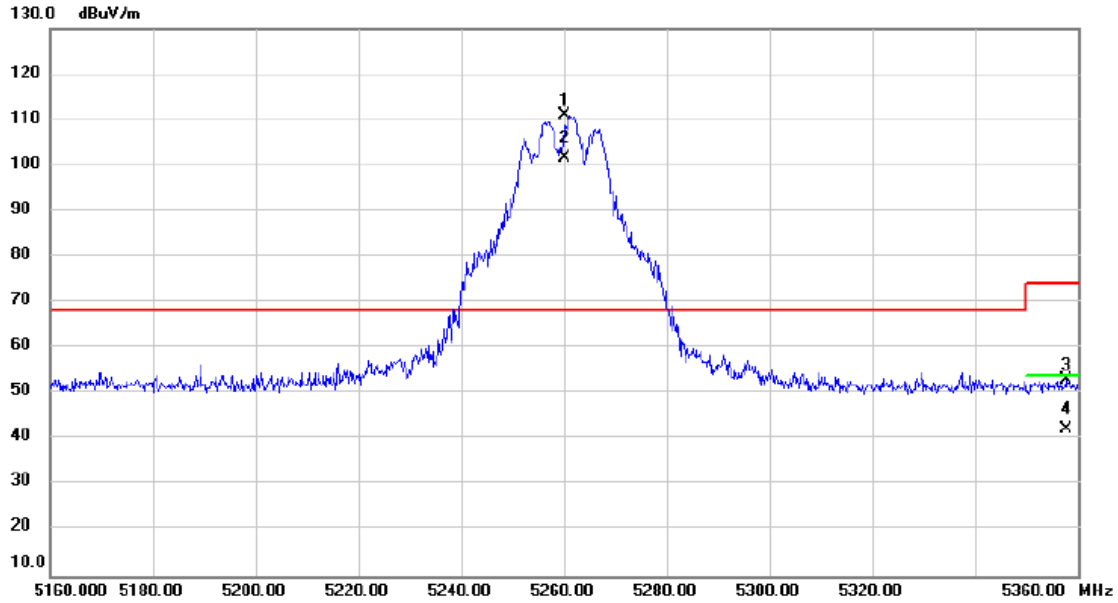
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5240MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5145.933	52.95	1.37	54.32	74.00	-19.68	peak	
2		5145.933	41.23	1.37	42.60	54.00	-11.40	AVG	
3	*	5240.000	108.38	1.40	109.78	68.20	41.58	peak	No Limit
4	X	5240.000	99.58	1.40	100.98	68.20	32.78	AVG	No Limit

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

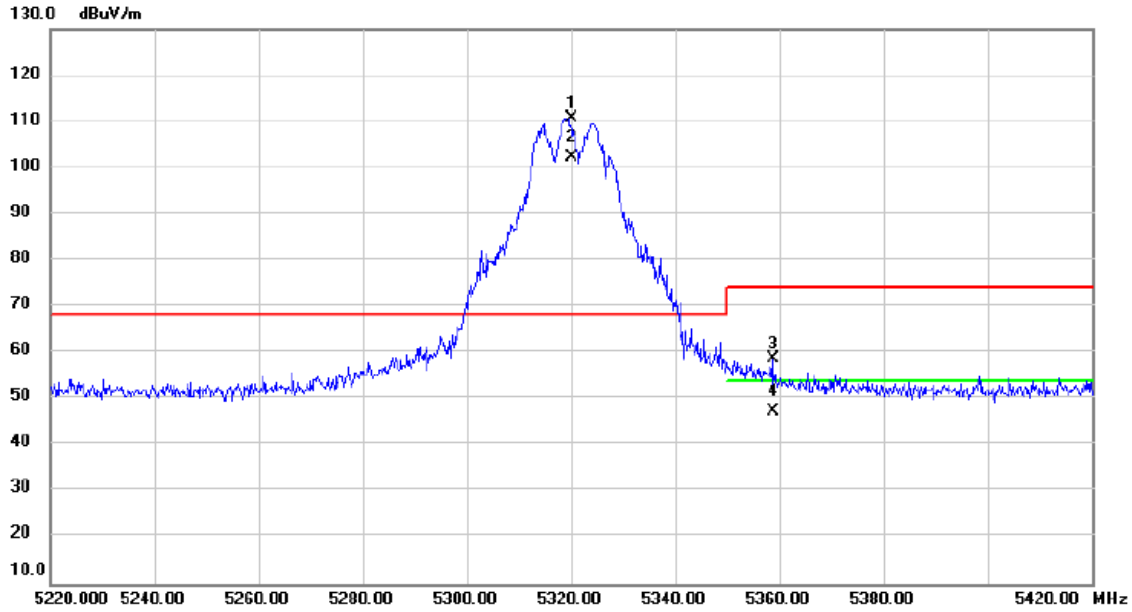
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5260MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5260.000	109.47	1.41	110.88	68.20	42.68	peak	No Limit
2	X	5260.000	100.28	1.41	101.69	68.20	33.49	AVG	No Limit
3		5357.853	51.51	1.44	52.95	74.00	-21.05	peak	
4		5357.853	40.95	1.44	42.39	54.00	-11.61	AVG	

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

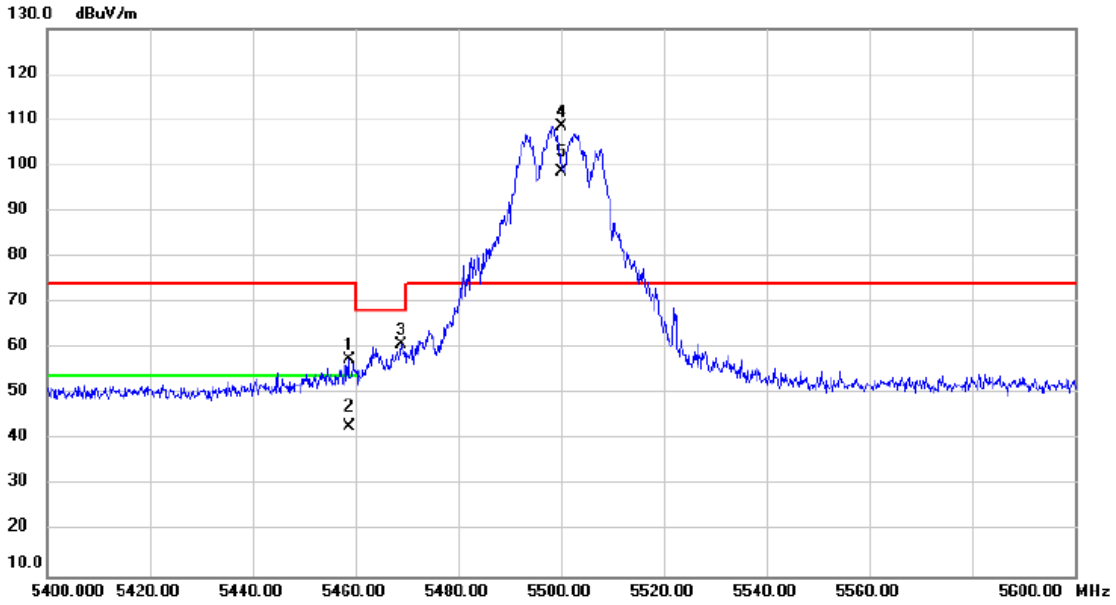
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5320MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5320.000	109.38	1.42	110.80	68.20	42.60	peak	No Limit
2	X	5320.000	100.86	1.42	102.28	68.20	34.08	AVG	No Limit
3		5358.747	57.18	1.44	58.62	74.00	-15.38	peak	
4		5358.747	45.91	1.44	47.35	54.00	-6.65	AVG	

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

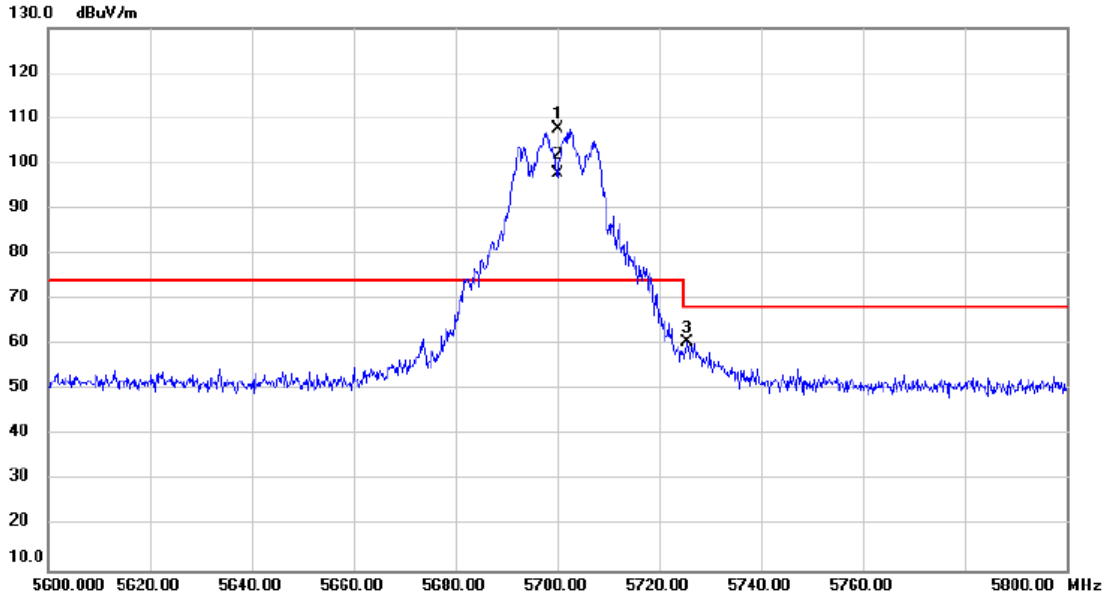
Test Mode	IEEE 802.11a	Test Date	2022/10/15
Test Frequency	5500MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.693	65.82	-8.33	57.49	74.00	-16.51	peak	
2		5458.693	51.04	-8.33	42.71	54.00	-11.29	AVG	
3		5468.840	69.17	-8.33	60.84	68.20	-7.36	peak	
4	*	5500.000	116.82	-8.33	108.49	74.00	34.49	peak	No Limit
5	X	5500.000	107.01	-8.33	98.68	74.00	24.68	AVG	No Limit

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

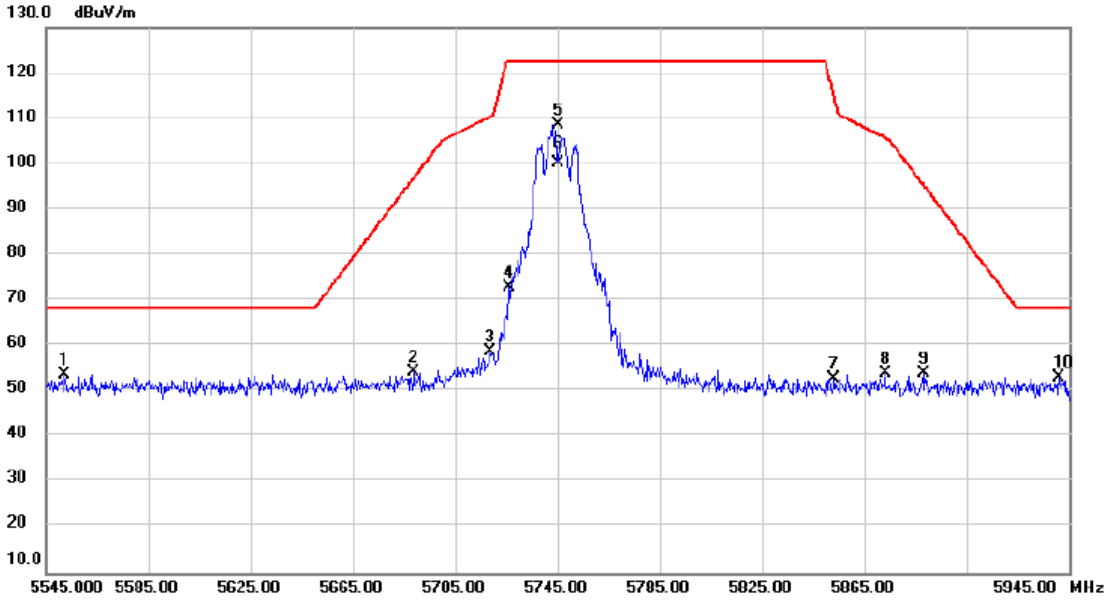
Test Mode	IEEE 802.11a	Test Date	2022/10/15
Test Frequency	5700MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5700.000	115.49	-7.96	107.53	74.00	33.53	peak	No Limit
2	X	5700.000	105.79	-7.96	97.83	74.00	23.83	AVG	No Limit
3		5725.560	68.39	-7.90	60.49	68.20	-7.71	peak	

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

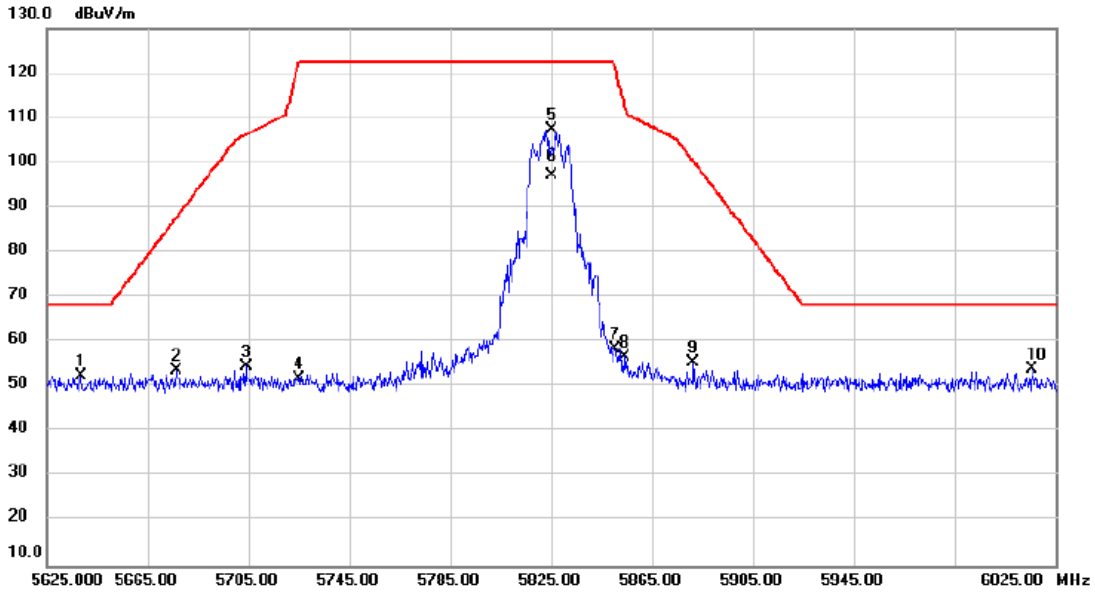
Test Mode	IEEE 802.11a	Test Date	2022/10/15
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5552.307	61.83	-8.24	53.59	68.20	-14.61	peak	
2		5688.853	62.13	-7.99	54.14	96.98	-42.84	peak	
3		5718.613	66.57	-7.92	58.65	110.41	-51.76	peak	
4		5725.907	80.71	-7.90	72.81	122.20	-49.39	peak	
5	*	5745.000	116.27	-7.87	108.40	122.20	-13.80	peak	No Limit
6		5745.000	107.89	-7.87	100.02	122.20	-22.18	AVG	No Limit
7		5853.040	60.44	-7.68	52.76	115.27	-62.51	peak	
8		5873.347	61.54	-7.64	53.90	105.66	-51.76	peak	
9		5887.960	61.62	-7.61	54.01	95.58	-41.57	peak	
10		5941.187	60.60	-7.51	53.09	68.20	-15.11	peak	

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

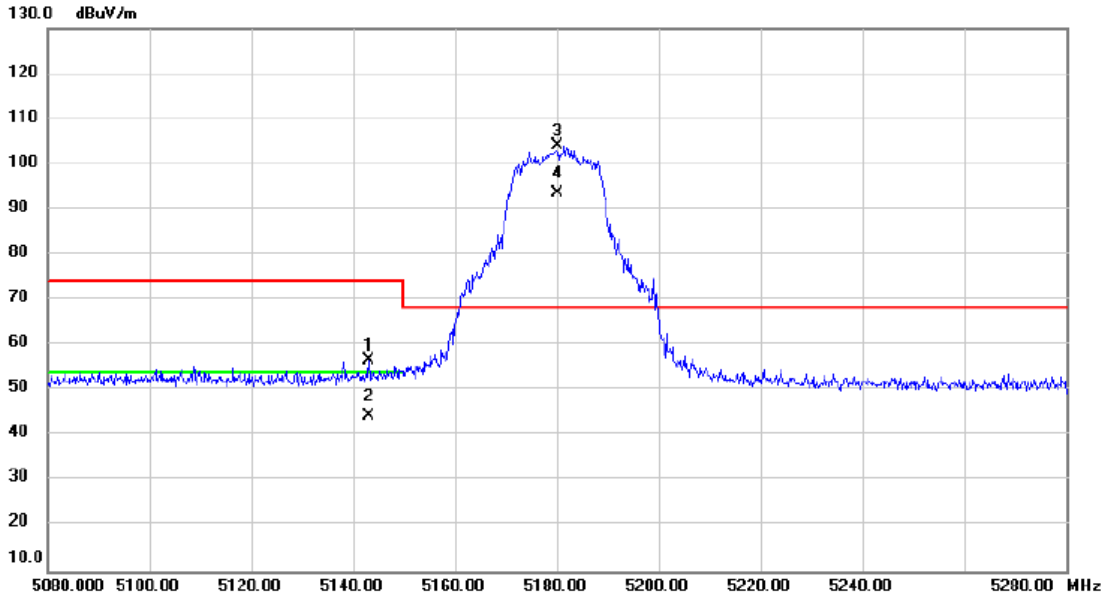
Test Mode	IEEE 802.11a	Test Date	2022/10/15
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5638.507	60.60	-8.08	52.52	68.20	-15.68	peak	
2		5676.293	61.68	-7.99	53.69	87.70	-34.01	peak	
3		5703.960	62.53	-7.95	54.58	106.31	-51.73	peak	
4		5724.987	59.85	-7.92	51.93	122.17	-70.24	peak	
5		5825.000	115.15	-7.72	107.43	122.20	-14.77	peak	No Limit
6		5825.000	104.76	-7.72	97.04	122.20	-25.16	AVG	No Limit
7		5850.240	66.00	-7.68	58.32	121.65	-63.33	peak	
8		5854.333	64.47	-7.67	56.80	112.32	-55.52	peak	
9		5881.493	62.94	-7.62	55.32	100.38	-45.06	peak	
10	*	6015.573	61.35	-7.31	54.04	68.20	-14.16	peak	

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

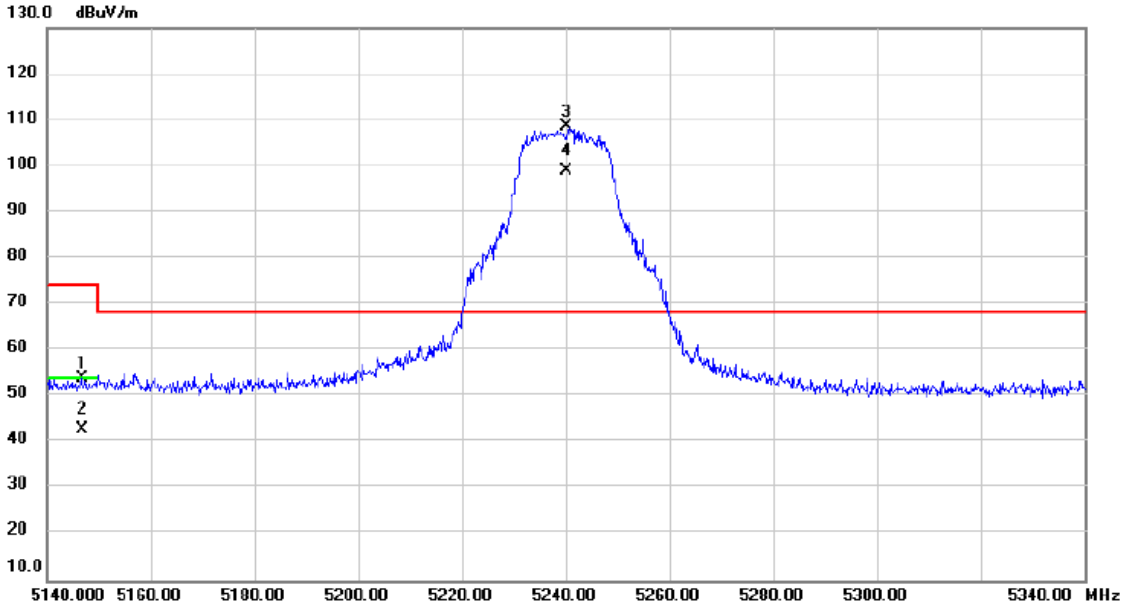
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/26
Test Frequency	5180MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5143.067	55.38	1.37	56.75	74.00	-17.25	peak	
2		5143.067	42.96	1.37	44.33	54.00	-9.67	AVG	
3	*	5180.000	102.53	1.39	103.92	68.20	35.72	peak	
4	X	5180.000	92.24	1.39	93.63	68.20	25.43	AVG	

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

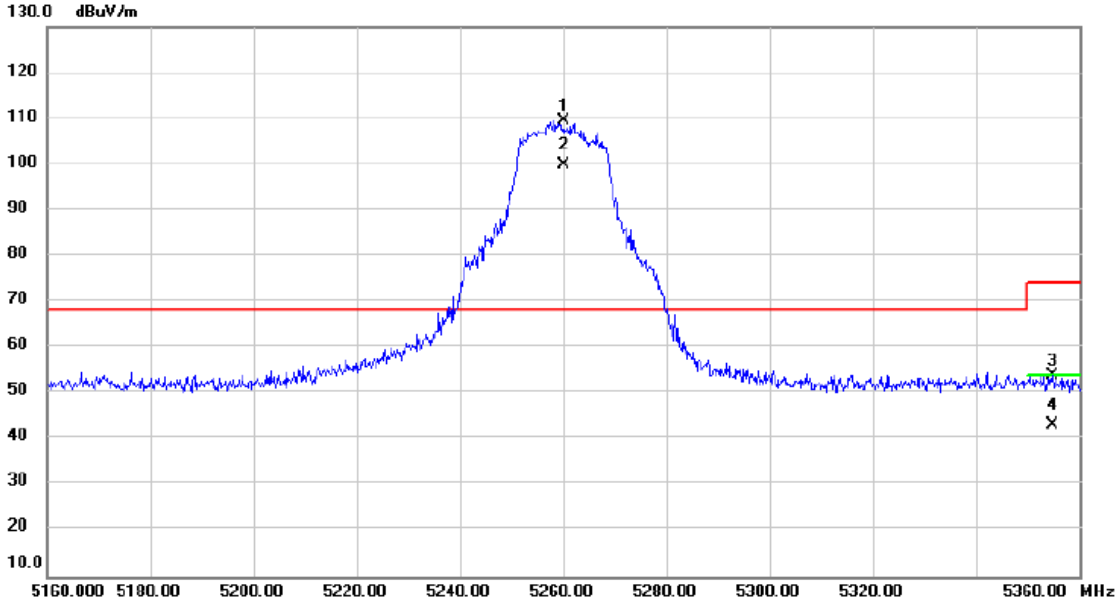
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/26
Test Frequency	5240MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5146.773	52.55	1.37	53.92	74.00	-20.08	peak	
2		5146.773	41.58	1.37	42.95	54.00	-11.05	AVG	
3	*	5240.000	107.11	1.40	108.51	68.20	40.31	peak	No Limit
4	X	5240.000	97.44	1.40	98.84	68.20	30.64	AVG	No Limit

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

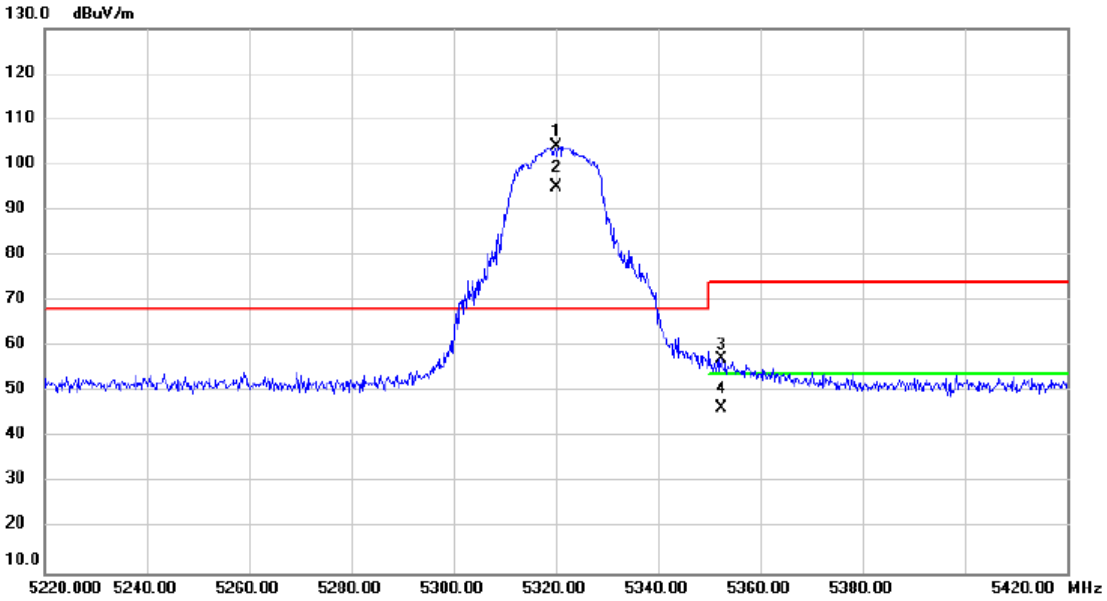
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/26
Test Frequency	5260MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5260.000	107.93	1.41	109.34	68.20	41.14	peak	No Limit
2	X	5260.000	98.33	1.41	99.74	68.20	31.54	AVG	No Limit
3		5354.787	52.63	1.44	54.07	74.00	-19.93	peak	
4		5354.787	41.72	1.44	43.16	54.00	-10.84	AVG	

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

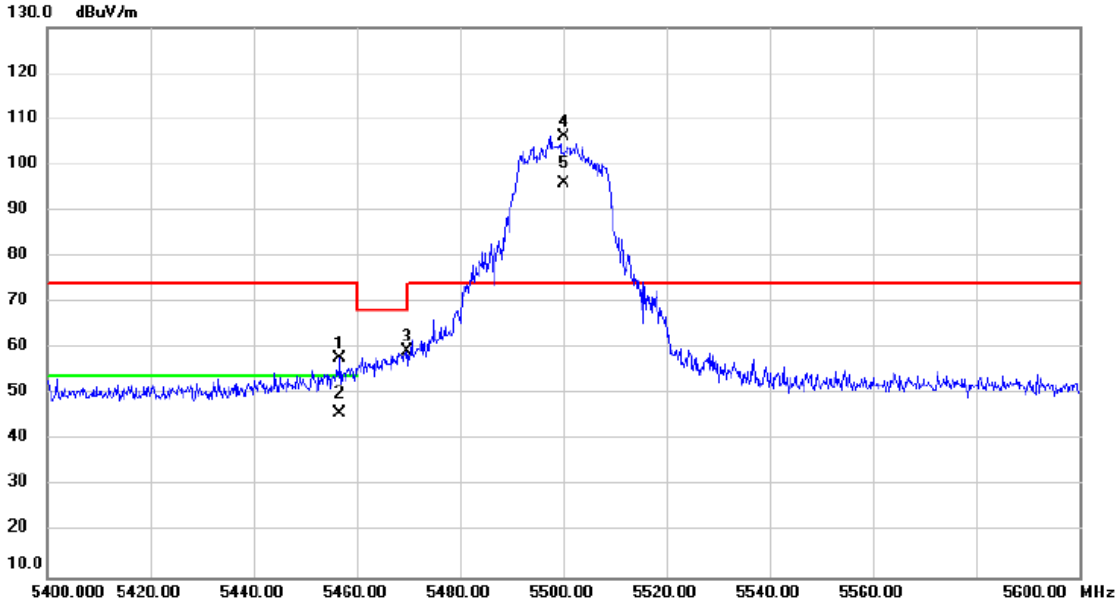
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/26
Test Frequency	5320MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5320.000	102.74	1.42	104.16	68.20	35.96	peak	No Limit
2	X	5320.000	93.61	1.42	95.03	68.20	26.83	AVG	No Limit
3		5352.453	55.80	1.44	57.24	74.00	-16.76	peak	
4		5352.453	45.02	1.44	46.46	54.00	-7.54	AVG	

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

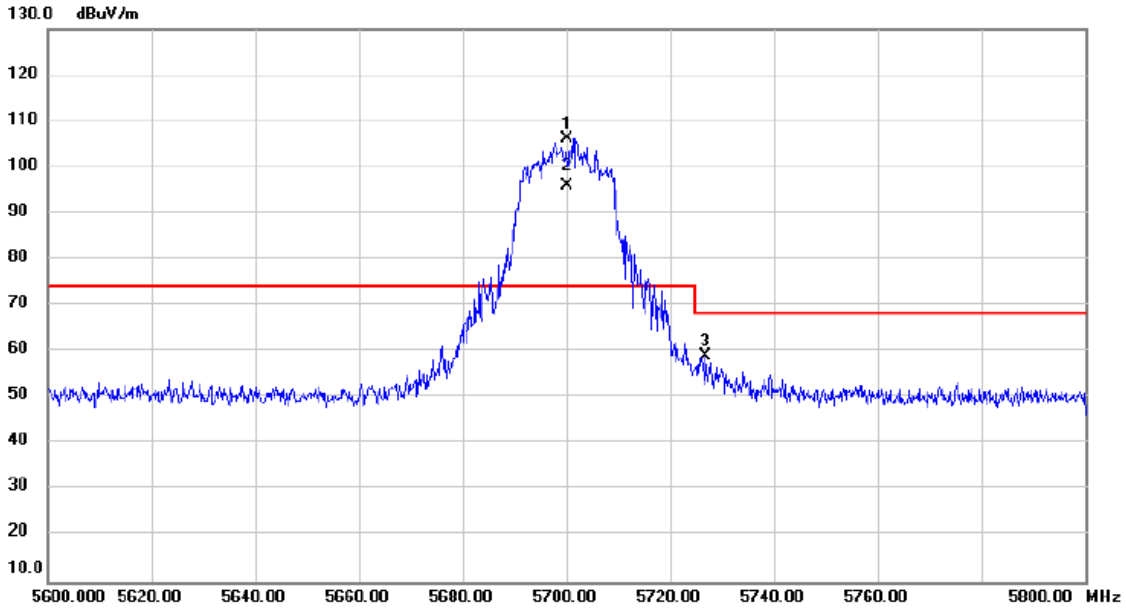
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/15
Test Frequency	5500MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5456.640	66.04	-8.33	57.71	74.00	-16.29	peak	
2		5456.640	54.08	-8.33	45.75	54.00	-8.25	AVG	
3		5469.673	67.76	-8.33	59.43	68.20	-8.77	peak	
4	*	5500.000	114.36	-8.33	106.03	74.00	32.03	peak	No Limit
5	X	5500.000	104.32	-8.33	95.99	74.00	21.99	AVG	No Limit

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

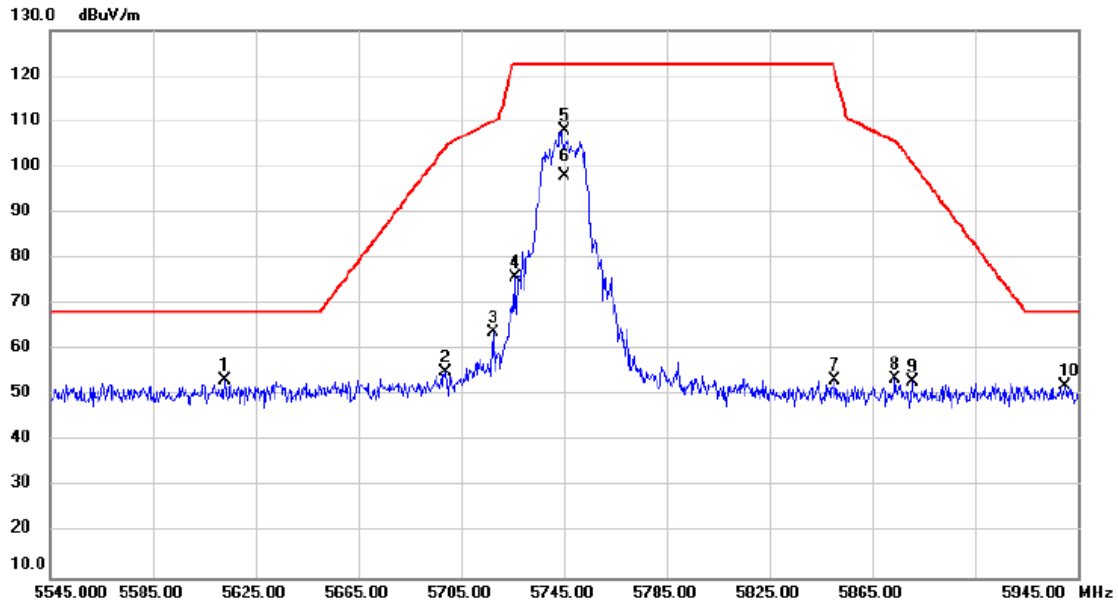
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/15
Test Frequency	5700MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5700.000	114.00	-7.96	106.04	74.00	32.04	peak	No Limit
2	X	5700.000	104.03	-7.96	96.07	74.00	22.07	AVG	No Limit
3		5726.867	67.05	-7.90	59.15	68.20	-9.05	peak	

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

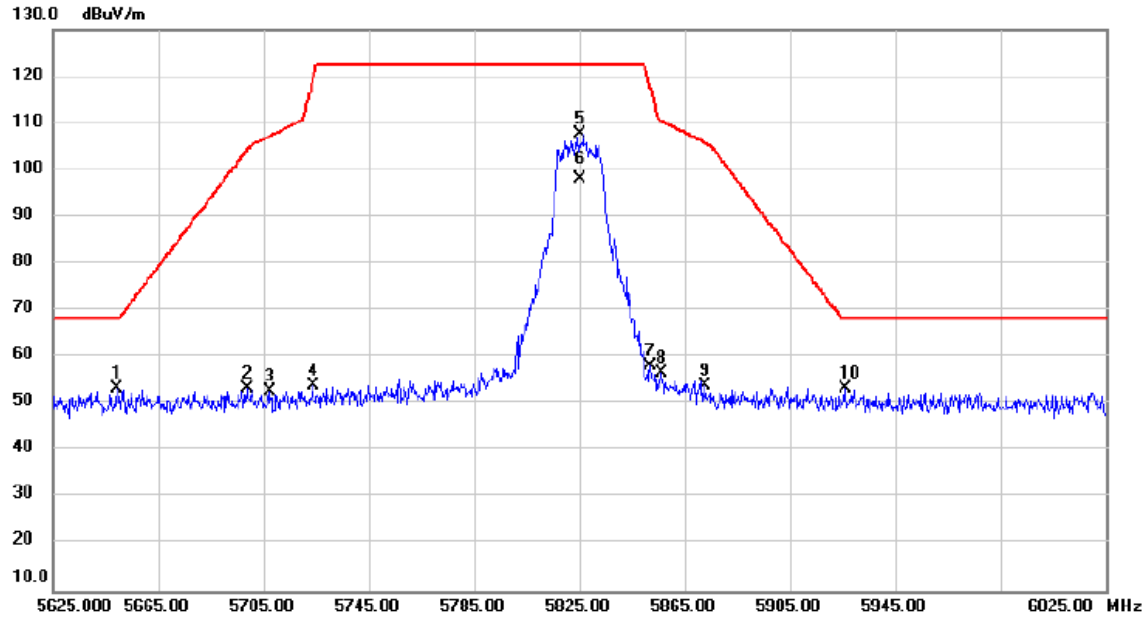
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/17
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5612.987	61.46	-8.12	53.34	68.20	-14.86	peak	
2		5698.720	63.00	-7.96	55.04	104.26	-49.22	peak	
3		5717.360	71.65	-7.93	63.72	110.06	-46.34	peak	
4		5725.893	83.83	-7.90	75.93	122.20	-46.27	peak	
5	*	5745.000	115.93	-7.87	108.06	122.20	-14.14	peak	No Limit
6		5745.000	105.98	-7.87	98.11	122.20	-24.09	AVG	No Limit
7		5850.307	60.97	-7.68	53.29	121.50	-68.21	peak	
8		5873.840	61.42	-7.64	53.78	105.52	-51.74	peak	
9		5880.560	60.53	-7.62	52.91	101.07	-48.16	peak	
10		5939.840	59.75	-7.51	52.24	68.20	-15.96	peak	

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

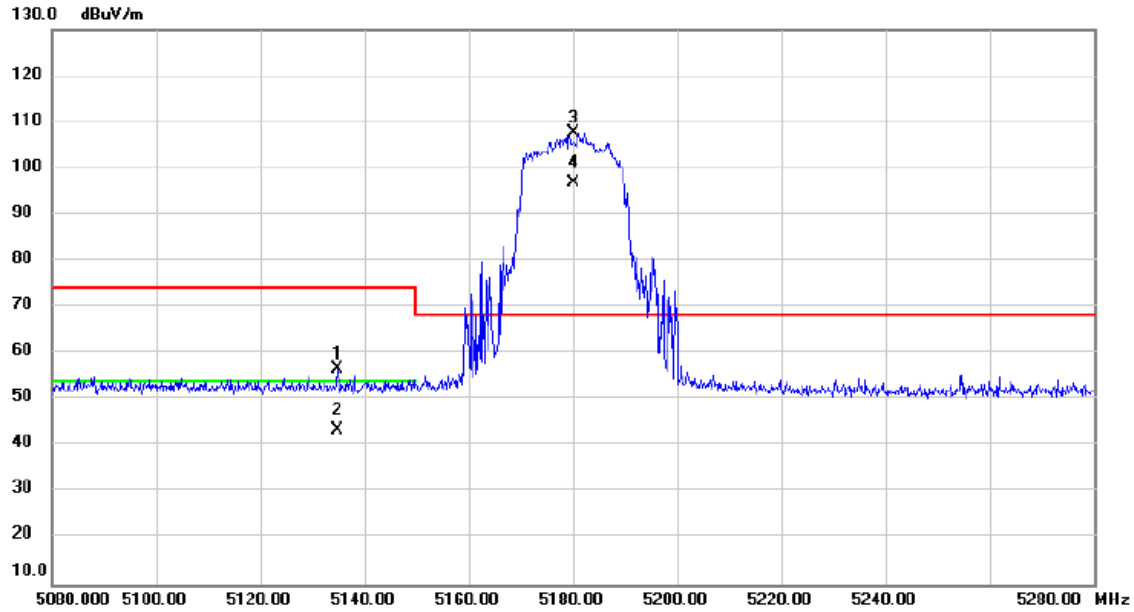
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2022/10/17
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5649.320	61.48	-8.05	53.43	68.20	-14.77	peak	
2		5698.640	61.16	-7.96	53.20	104.20	-51.00	peak	
3		5707.267	60.73	-7.95	52.78	107.24	-54.46	peak	
4		5723.707	61.80	-7.92	53.88	119.25	-65.37	peak	
5	*	5825.000	115.32	-7.72	107.60	122.20	-14.60	peak	No Limit
6		5825.000	105.68	-7.72	97.96	122.20	-24.24	AVG	No Limit
7		5852.027	65.85	-7.68	58.17	117.58	-59.41	peak	
8		5856.173	64.30	-7.67	56.63	110.47	-53.84	peak	
9		5872.813	61.67	-7.64	54.03	105.81	-51.78	peak	
10		5926.147	61.01	-7.53	53.48	68.20	-14.72	peak	

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

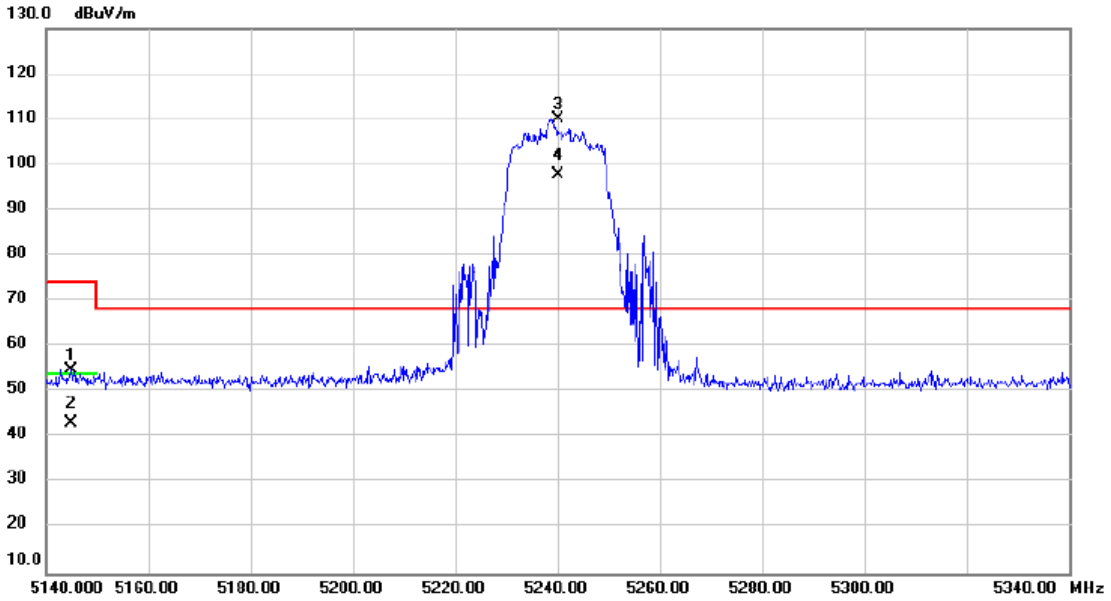
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/26
Test Frequency	5180MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5134.927	55.22	1.37	56.59	74.00	-17.41	peak	
2		5134.927	41.97	1.37	43.34	54.00	-10.66	AVG	
3	*	5180.000	106.36	1.39	107.75	68.20	39.55	peak	No Limit
4	X	5180.000	95.35	1.39	96.74	68.20	28.54	AVG	No Limit

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

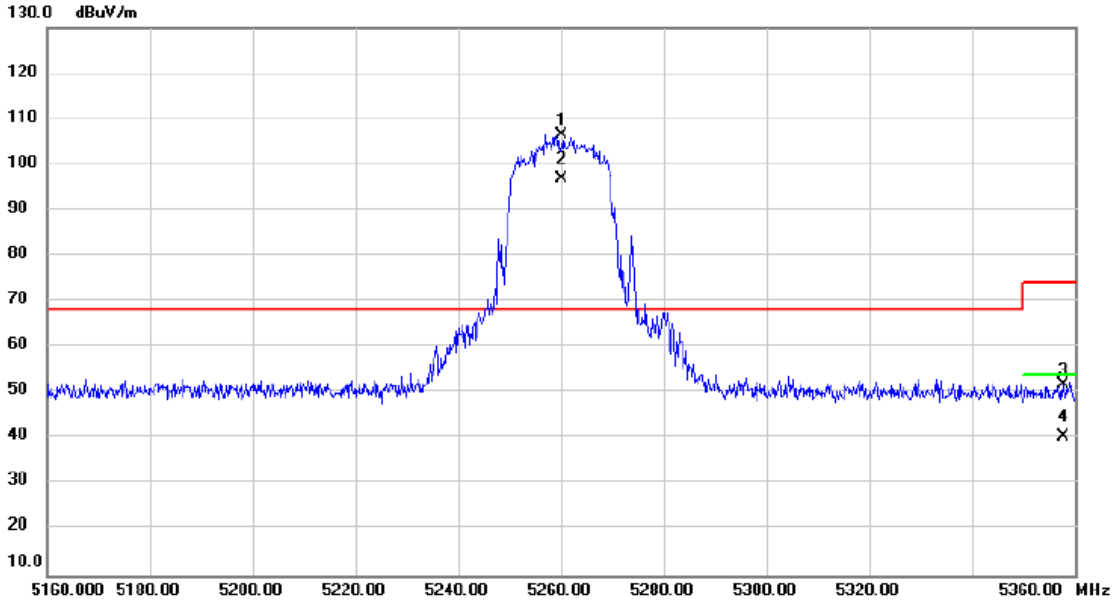
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/26
Test Frequency	5240MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5144.893	53.49	1.37	54.86	74.00	-19.14	peak	
2		5144.893	41.74	1.37	43.11	54.00	-10.89	AVG	
3	*	5240.000	108.52	1.40	109.92	68.20	41.72	peak	No Limit
4	X	5240.000	96.24	1.40	97.64	68.20	29.44	AVG	No Limit

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

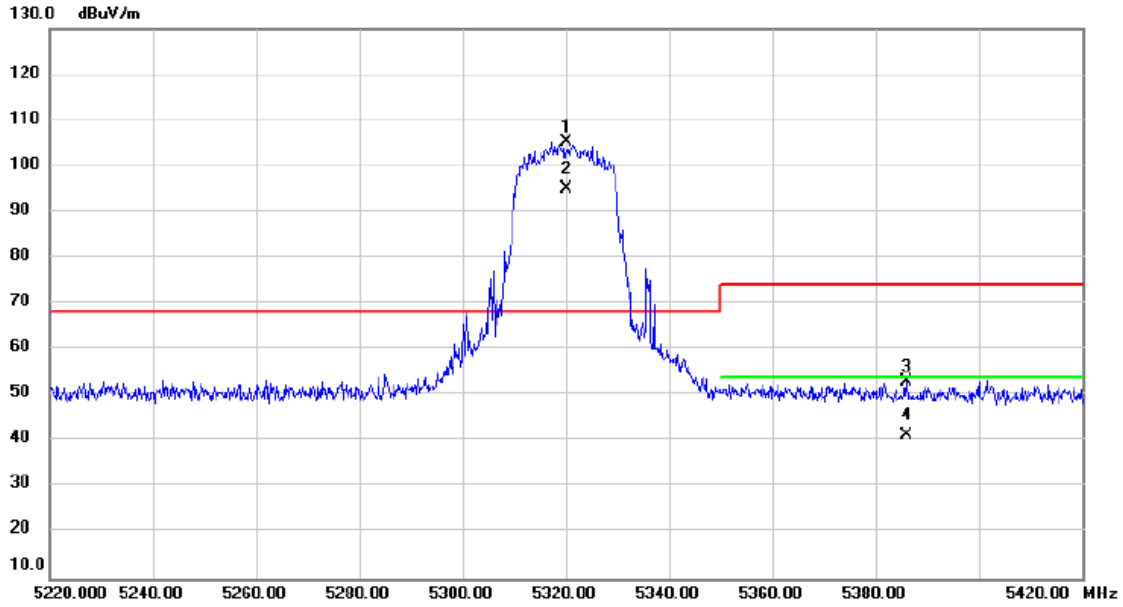
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/18
Test Frequency	5260MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5260.000	114.91	-8.32	106.59	68.20	38.39	peak	No Limit
2	X	5260.000	105.17	-8.32	96.85	68.20	28.65	AVG	No Limit
3		5357.660	60.09	-8.33	51.76	74.00	-22.24	peak	
4		5357.660	48.64	-8.33	40.31	54.00	-13.69	AVG	

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

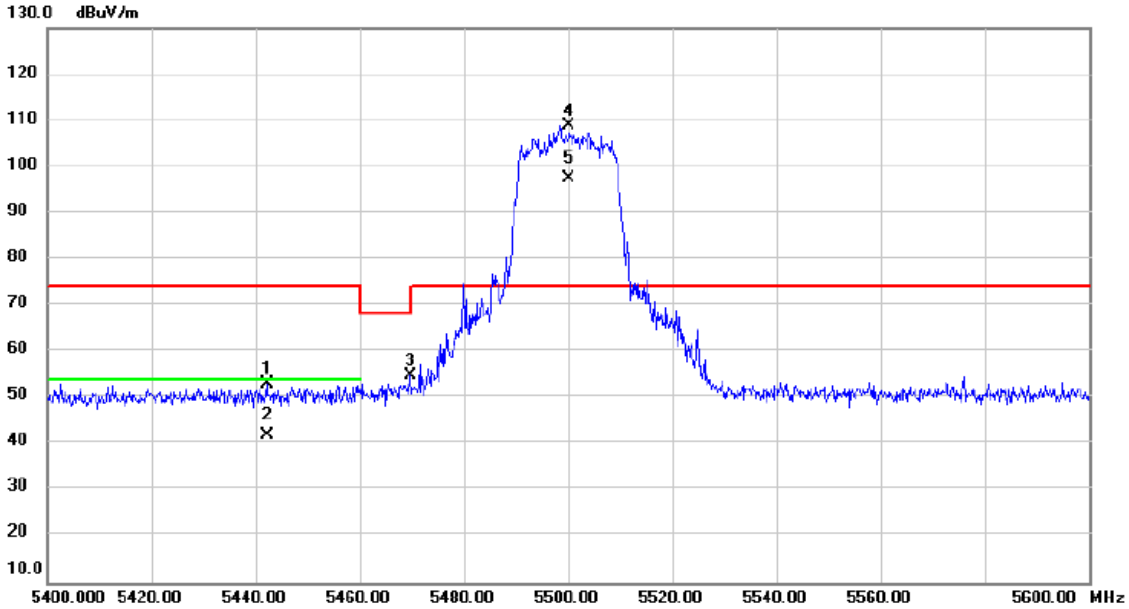
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/18
Test Frequency	5320MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5320.000	113.45	-8.33	105.12	68.20	36.92	peak	No Limit
2	X	5320.000	103.53	-8.33	95.20	68.20	27.00	AVG	No Limit
3		5385.980	61.27	-8.32	52.95	74.00	-21.05	peak	
4		5385.980	49.62	-8.32	41.30	54.00	-12.70	AVG	

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

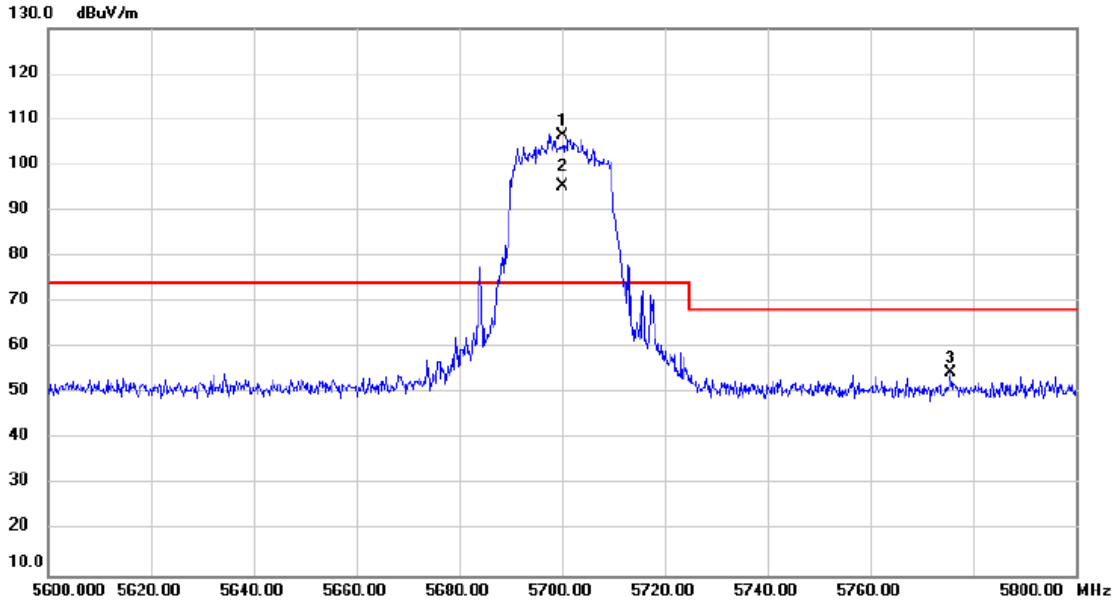
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/18
Test Frequency	5500MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5442.173	61.35	-8.33	53.02	74.00	-20.98	peak	
2		5442.173	50.35	-8.33	42.02	54.00	-11.98	AVG	
3		5469.787	63.19	-8.33	54.86	68.20	-13.34	peak	
4	*	5500.000	117.32	-8.33	108.99	74.00	34.99	peak	No Limit
5	X	5500.000	105.66	-8.33	97.33	74.00	23.33	AVG	No Limit

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

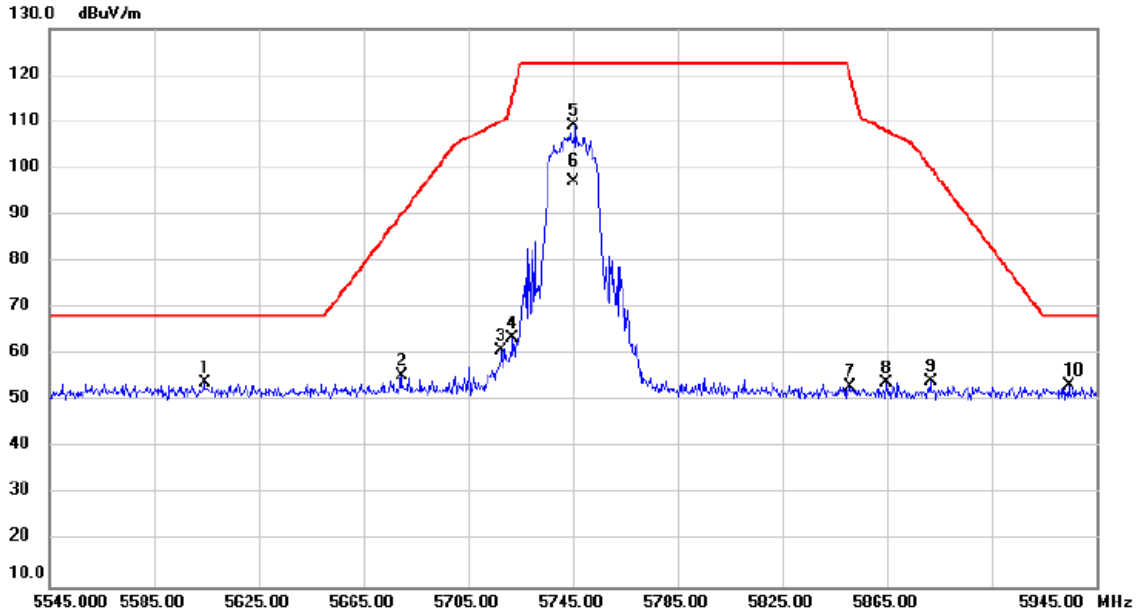
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/18
Test Frequency	5700MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5700.000	114.56	-7.96	106.60	74.00	32.60	peak	No Limit
2	X	5700.000	103.46	-7.96	95.50	74.00	21.50	AVG	No Limit
3		5775.633	62.30	-7.81	54.49	68.20	-13.71	peak	

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

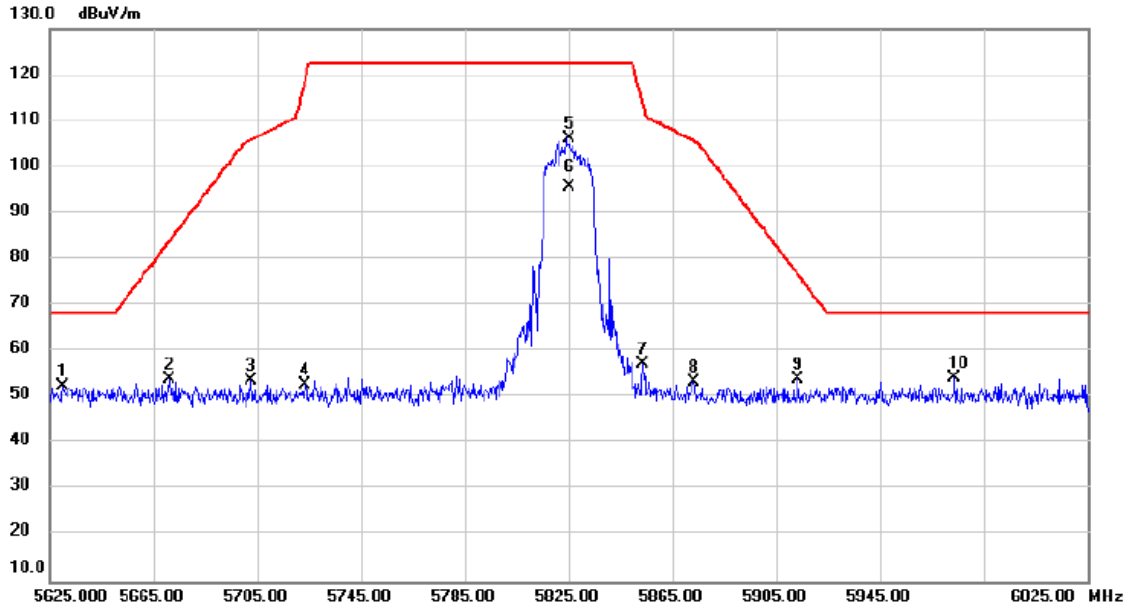
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/18
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5604.253	62.17	-8.13	54.04	68.20	-14.16	peak	
2		5679.427	63.55	-8.00	55.55	90.02	-34.47	peak	
3		5717.747	68.76	-7.93	60.83	110.17	-49.34	peak	
4		5722.027	71.61	-7.92	63.69	115.42	-51.73	peak	
5	*	5745.000	117.05	-7.87	109.18	122.20	-13.02	peak	No Limit
6		5745.000	105.02	-7.87	97.15	122.20	-25.05	AVG	No Limit
7		5851.040	60.62	-7.68	52.94	119.83	-66.89	peak	
8		5864.733	61.72	-7.65	54.07	108.07	-54.00	peak	
9		5881.640	61.84	-7.62	54.22	100.27	-46.05	peak	
10		5934.560	60.95	-7.52	53.43	68.20	-14.77	peak	

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

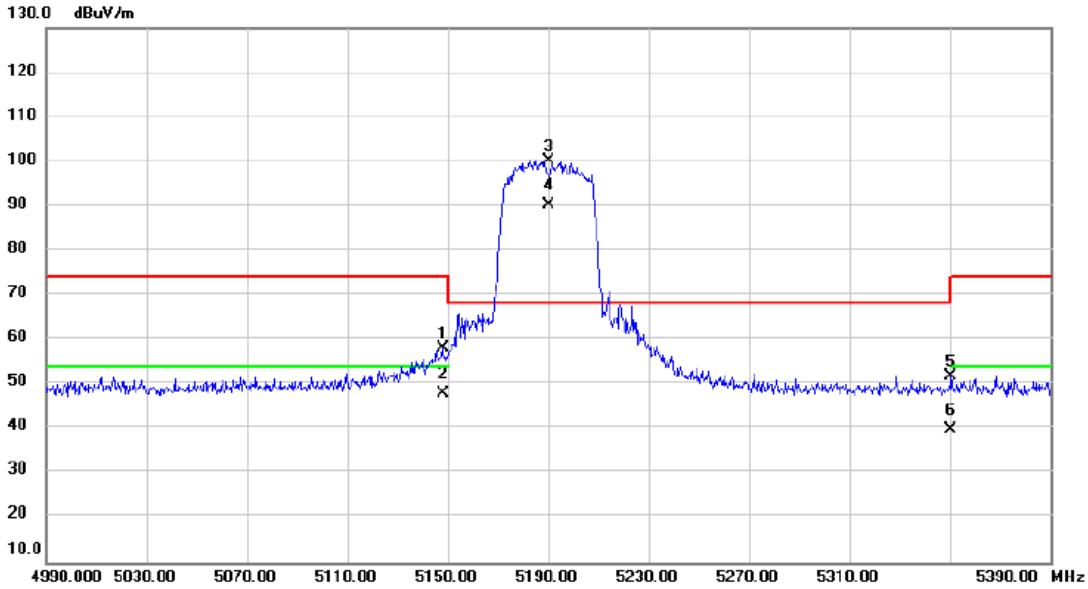
Test Mode	IEEE 802.11ax (HE20)	Test Date	2022/10/18
Test Frequency	5825MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5629.893	60.59	-8.09	52.50	68.20	-15.70	peak	
2		5671.253	62.10	-8.01	54.09	83.97	-29.88	peak	
3		5702.600	61.70	-7.96	53.74	105.93	-52.19	peak	
4		5723.387	60.72	-7.92	52.80	118.52	-65.72	peak	
5		5825.000	113.77	-7.72	106.05	122.20	-16.15	peak	No Limit
6		5825.000	103.50	-7.72	95.78	122.20	-26.42	AVG	No Limit
7		5853.667	64.99	-7.67	57.32	113.84	-56.52	peak	
8		5873.000	60.99	-7.64	53.35	105.76	-52.41	peak	
9		5913.267	61.65	-7.56	54.09	76.85	-22.76	peak	
10	*	5973.640	61.66	-7.46	54.20	68.20	-14.00	peak	

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

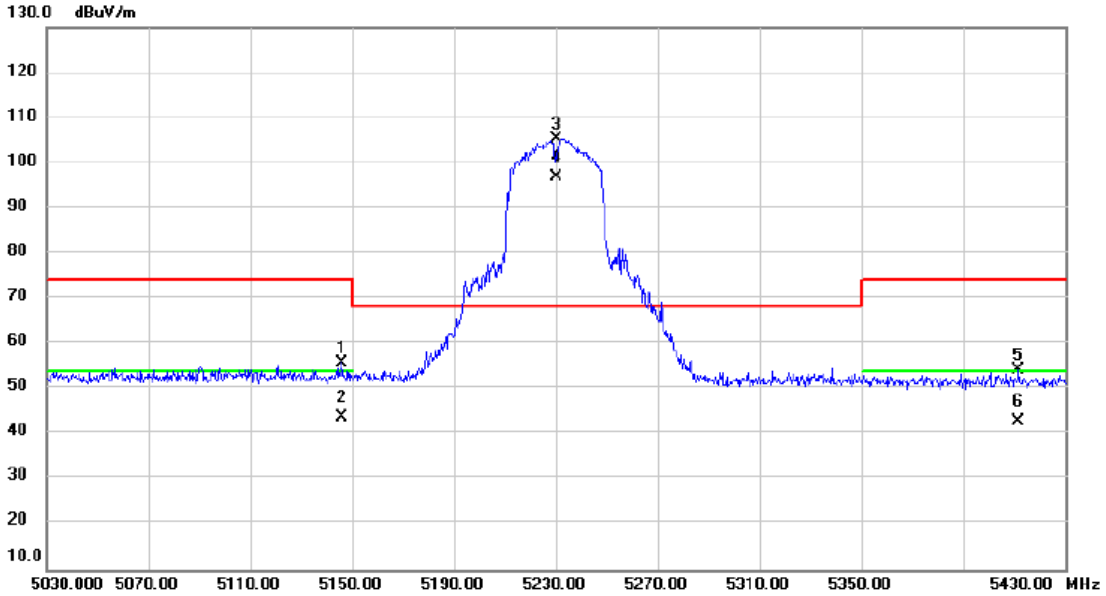
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/19
Test Frequency	5190MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5147.960	66.45	-8.33	58.12	74.00	-15.88	peak	
2		5147.960	56.30	-8.33	47.97	54.00	-6.03	AVG	
3	*	5190.000	108.63	-8.33	100.30	68.20	32.10	peak	No Limit
4	X	5190.000	98.71	-8.33	90.38	68.20	22.18	AVG	No Limit
5		5350.467	60.27	-8.33	51.94	74.00	-22.06	peak	
6		5350.467	48.32	-8.33	39.99	54.00	-14.01	AVG	

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

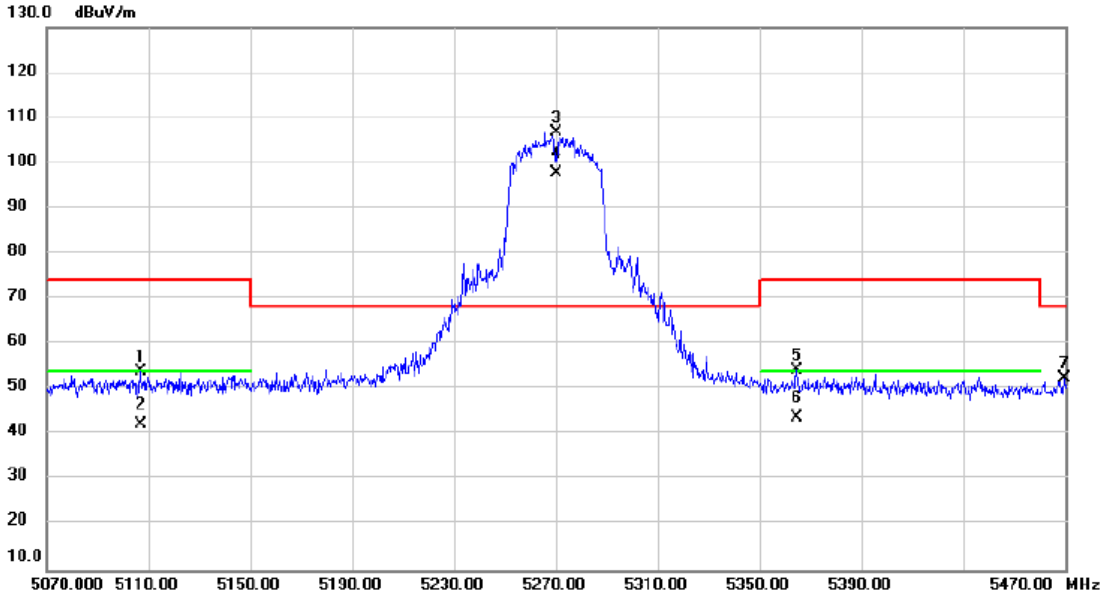
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/26
Test Frequency	5230MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5146.067	54.53	1.37	55.90	74.00	-18.10	peak	
2		5146.067	42.45	1.37	43.82	54.00	-10.18	AVG	
3	*	5230.000	103.94	1.40	105.34	68.20	37.14	peak	No Limit
4	X	5230.000	95.49	1.40	96.89	68.20	28.69	AVG	No Limit
5		5411.800	52.84	1.46	54.30	74.00	-19.70	peak	
6		5411.800	41.30	1.46	42.76	54.00	-11.24	AVG	

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

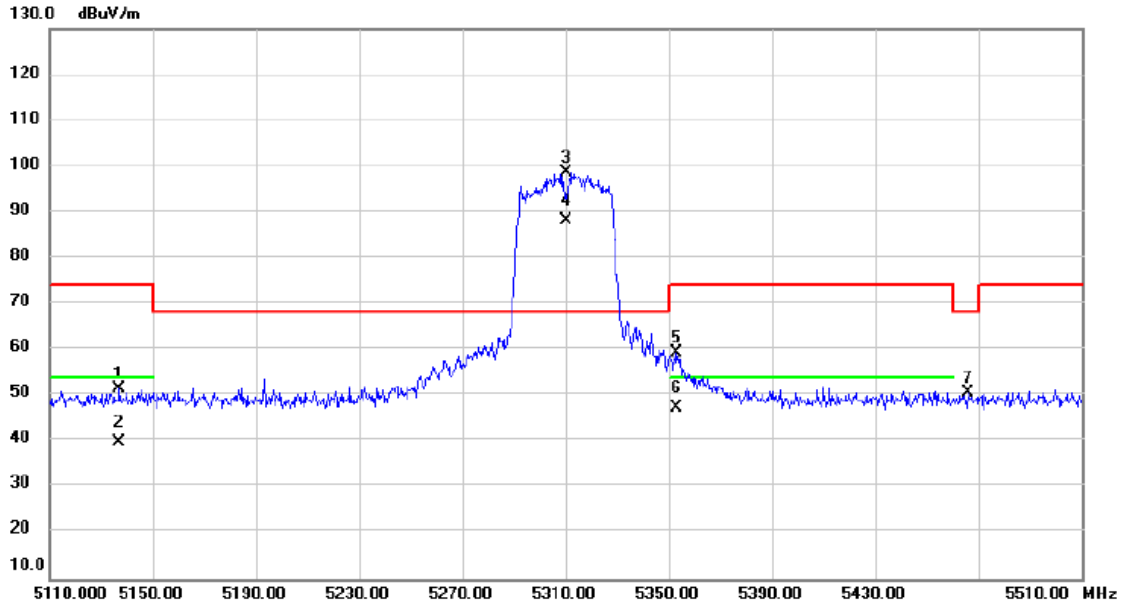
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/17
Test Frequency	5270MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5107.160	62.17	-8.32	53.85	74.00	-20.15	peak	
2		5107.160	50.71	-8.32	42.39	54.00	-11.61	AVG	
3	*	5270.000	115.06	-8.33	106.73	68.20	38.53	peak	No Limit
4	X	5270.000	106.12	-8.33	97.79	68.20	29.59	AVG	No Limit
5		5364.773	62.49	-8.33	54.16	74.00	-19.84	peak	
6		5364.773	52.04	-8.33	43.71	54.00	-10.29	AVG	
7		5469.720	60.76	-8.33	52.43	68.20	-15.77	peak	

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

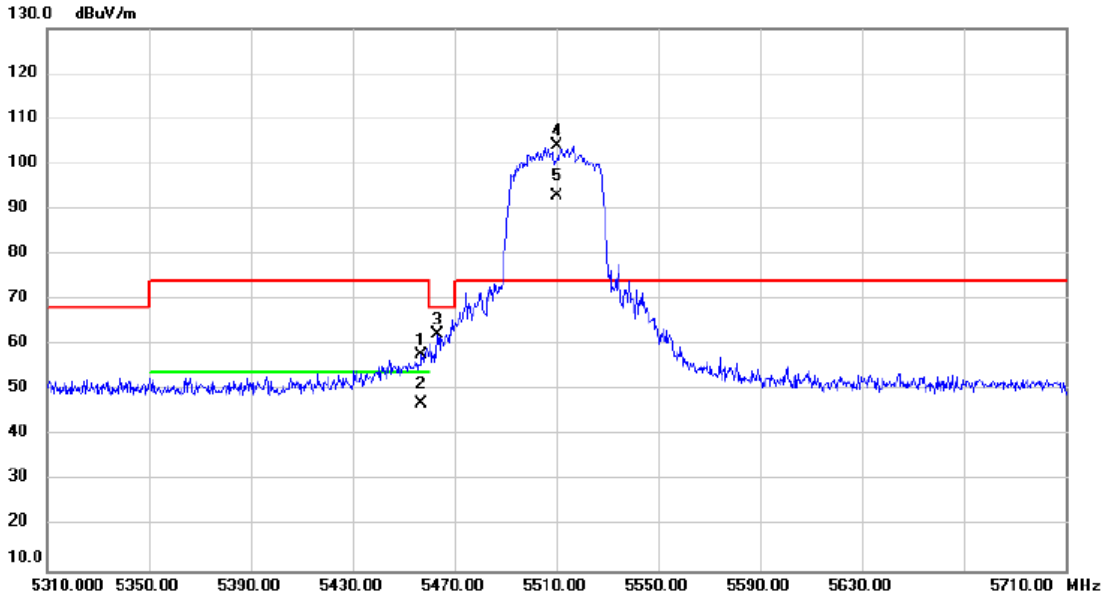
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/19
Test Frequency	5310MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5136.880	59.92	-8.32	51.60	74.00	-22.40	peak	
2		5136.880	48.28	-8.32	39.96	54.00	-14.04	AVG	
3	*	5310.000	107.11	-8.32	98.79	68.20	30.59	peak	No Limit
4	X	5310.000	96.50	-8.32	88.18	68.20	19.98	AVG	No Limit
5		5352.853	67.71	-8.32	59.39	74.00	-14.61	peak	
6		5352.853	55.67	-8.32	47.35	54.00	-6.65	AVG	
7		5465.880	58.92	-8.33	50.59	68.20	-17.61	peak	

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

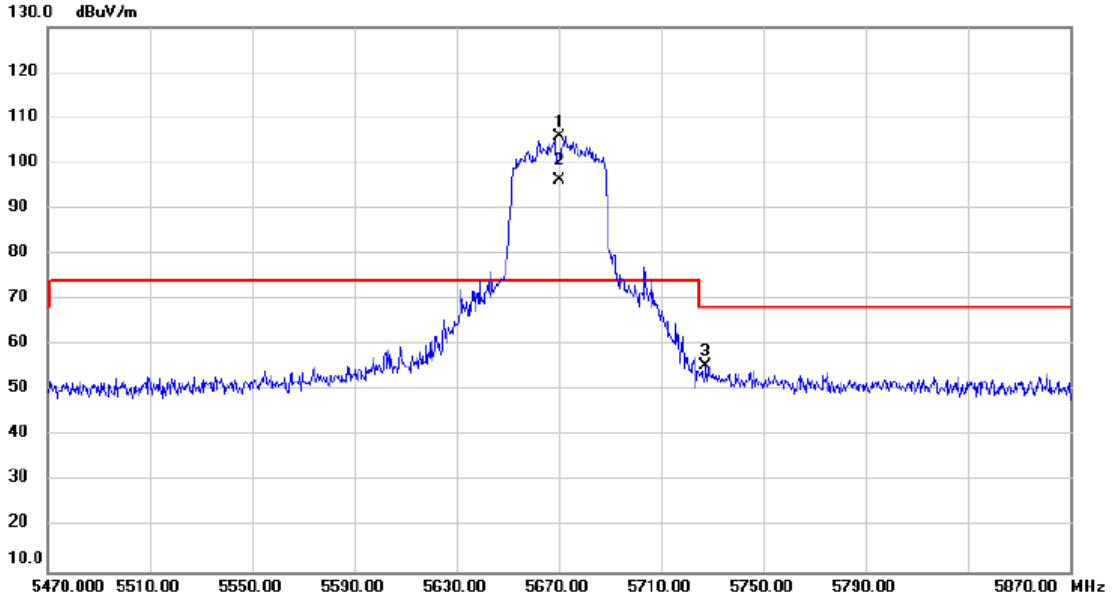
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/19
Test Frequency	5510MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5456.867	66.07	-8.33	57.74	74.00	-16.26	peak	
2		5456.867	55.32	-8.33	46.99	54.00	-7.01	AVG	
3		5463.360	70.53	-8.33	62.20	68.20	-6.00	peak	
4	*	5510.000	112.22	-8.31	103.91	74.00	29.91	peak	No Limit
5	X	5510.000	101.15	-8.31	92.84	74.00	18.84	AVG	No Limit

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

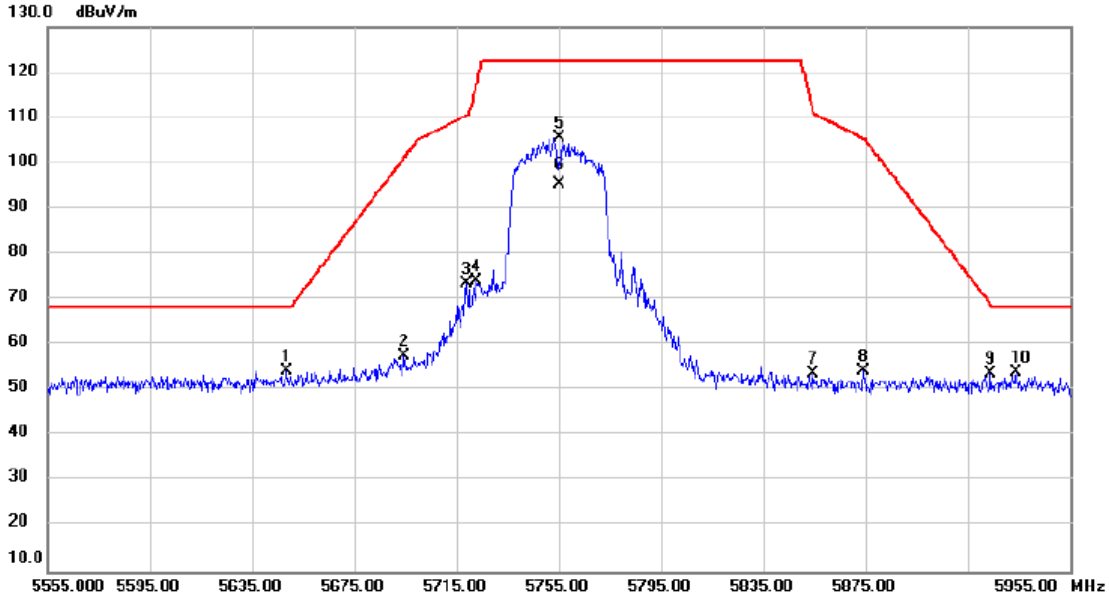
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/17
Test Frequency	5670MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5670.000	113.87	-8.01	105.86	74.00	31.86	peak	No Limit
2	X	5670.000	104.35	-8.01	96.34	74.00	22.34	AVG	No Limit
3		5727.227	63.43	-7.90	55.53	68.20	-12.67	peak	

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

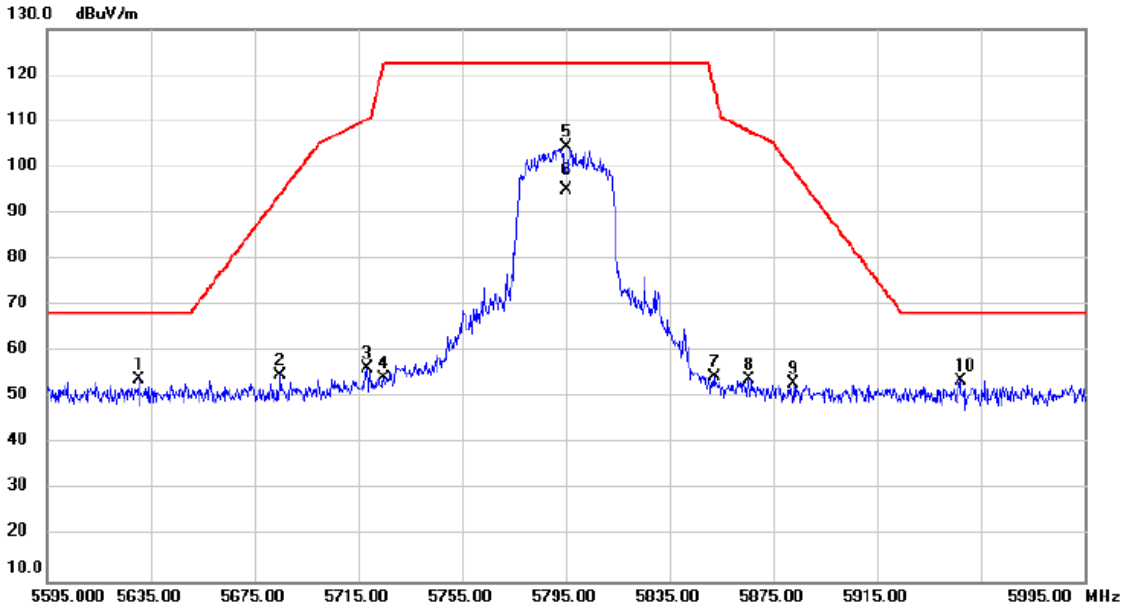
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/17
Test Frequency	5755MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5648.547	62.41	-8.05	54.36	68.20	-13.84	peak	
2		5694.680	65.56	-7.97	57.59	101.28	-43.69	peak	
3		5718.987	81.24	-7.92	73.32	110.52	-37.20	peak	
4		5722.973	81.94	-7.92	74.02	117.58	-43.56	peak	
5		5755.000	113.29	-7.86	105.43	122.20	-16.77	peak	No Limit
6		5755.000	103.31	-7.86	95.45	122.20	-26.75	AVG	No Limit
7		5854.453	61.34	-7.67	53.67	112.05	-58.38	peak	
8		5874.440	61.97	-7.64	54.33	105.36	-51.03	peak	
9		5923.960	61.22	-7.55	53.67	68.97	-15.30	peak	
10		5933.813	61.51	-7.52	53.99	68.20	-14.21	peak	

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

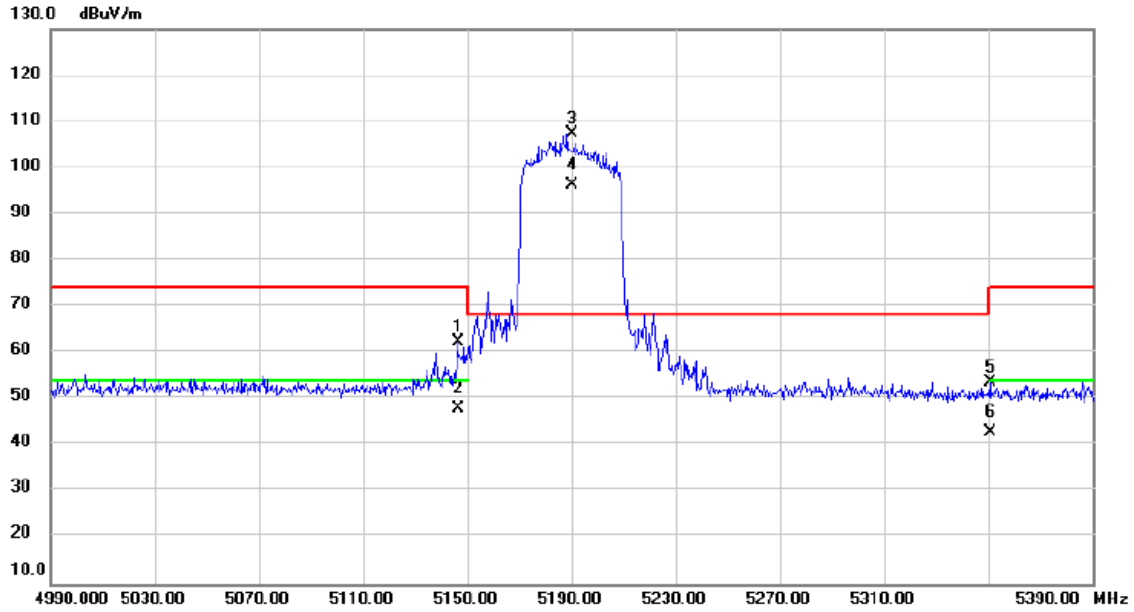
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2022/10/17
Test Frequency	5795MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5630.493	61.93	-8.09	53.84	68.20	-14.36	peak	
2		5685.133	62.83	-7.99	54.84	94.23	-39.39	peak	
3		5718.333	64.35	-7.92	56.43	110.33	-53.90	peak	
4		5724.893	62.14	-7.92	54.22	121.96	-67.74	peak	
5		5795.000	112.11	-7.78	104.33	122.20	-17.87	peak	No Limit
6		5795.000	102.84	-7.78	95.06	122.20	-27.14	AVG	No Limit
7		5852.120	62.28	-7.68	54.60	117.37	-62.77	peak	
8		5865.427	61.54	-7.65	53.89	107.88	-53.99	peak	
9		5882.733	60.52	-7.61	52.91	99.46	-46.55	peak	
10		5947.320	61.15	-7.49	53.66	68.20	-14.54	peak	

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

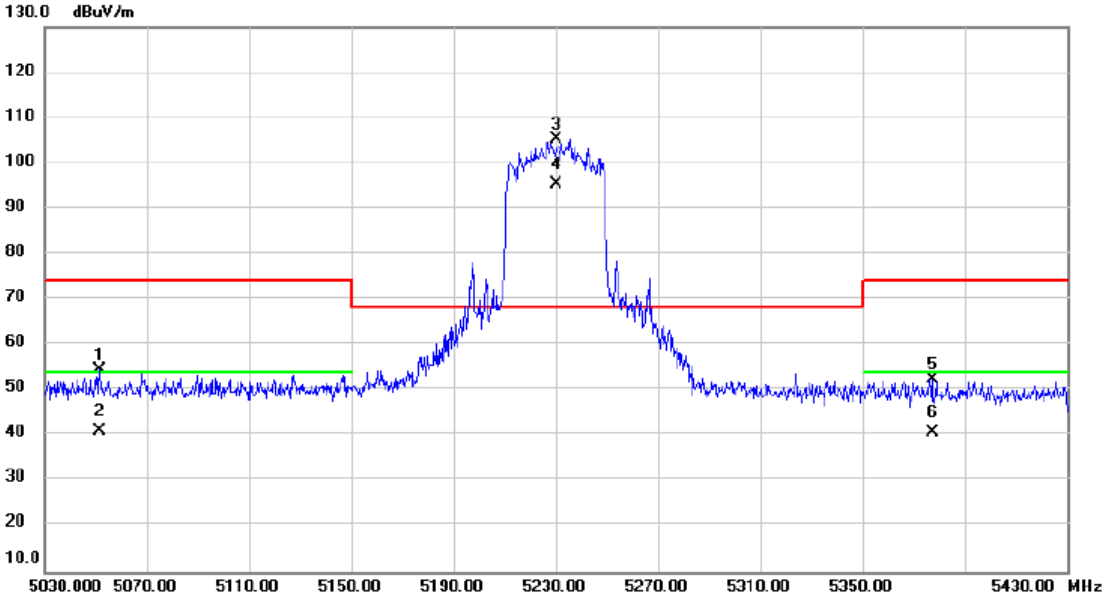
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/26
Test Frequency	5190MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5146.347	60.88	1.37	62.25	74.00	-11.75	peak	
2		5146.347	46.52	1.37	47.89	54.00	-6.11	AVG	
3	*	5190.000	106.05	1.38	107.43	68.20	39.23	peak	No Limit
4	X	5190.000	94.78	1.38	96.16	68.20	27.96	AVG	No Limit
5		5350.707	52.23	1.43	53.66	74.00	-20.34	peak	
6		5350.707	41.28	1.43	42.71	54.00	-11.29	AVG	

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

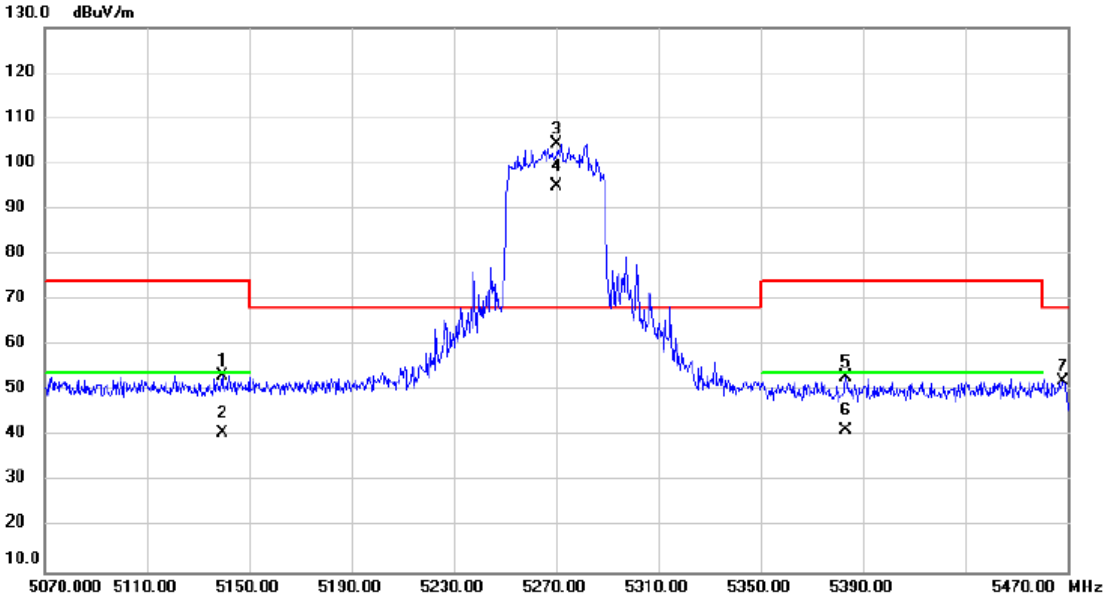
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/18
Test Frequency	5230MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5051.747	62.85	-8.32	54.53	74.00	-19.47	peak	
2		5051.747	49.38	-8.32	41.06	54.00	-12.94	AVG	
3	*	5230.000	113.67	-8.32	105.35	68.20	37.15	peak	No Limit
4	X	5230.000	103.73	-8.32	95.41	68.20	27.21	AVG	No Limit
5		5377.453	60.88	-8.33	52.55	74.00	-21.45	peak	
6		5377.453	48.99	-8.33	40.66	54.00	-13.34	AVG	

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

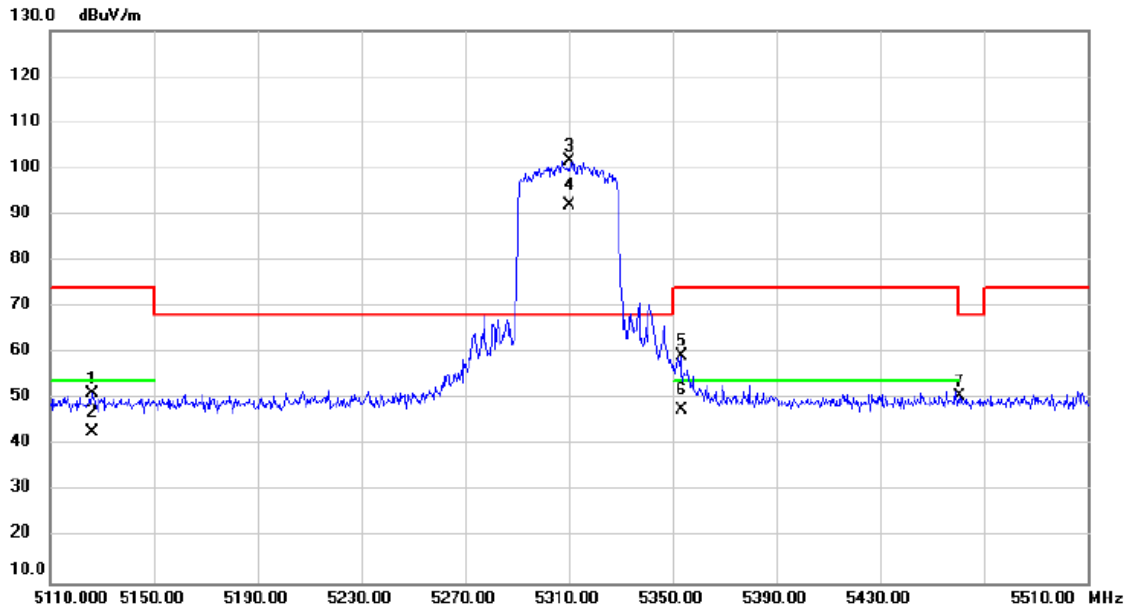
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/18
Test Frequency	5270MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5139.493	61.68	-8.32	53.36	74.00	-20.64	peak	
2		5139.493	49.06	-8.32	40.74	54.00	-13.26	AVG	
3	*	5270.000	112.80	-8.33	104.47	68.20	36.27	peak	No Limit
4	X	5270.000	103.31	-8.33	94.98	68.20	26.78	AVG	No Limit
5		5383.533	61.51	-8.32	53.19	74.00	-20.81	peak	
6		5383.533	49.76	-8.32	41.44	54.00	-12.56	AVG	
7		5468.387	60.52	-8.33	52.19	68.20	-16.01	peak	

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

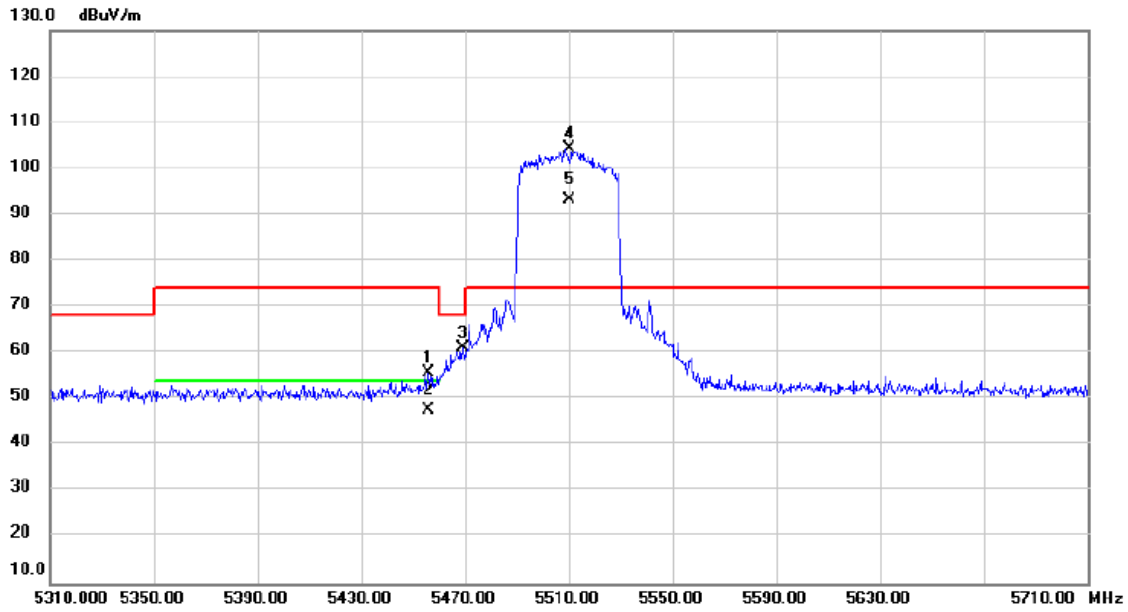
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/18
Test Frequency	5310MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5126.240	59.54	-8.32	51.22	74.00	-22.78	peak	
2		5126.240	51.32	-8.32	43.00	54.00	-11.00	AVG	
3	*	5310.000	110.10	-8.32	101.78	68.20	33.58	peak	No Limit
4	X	5310.000	100.39	-8.32	92.07	68.20	23.87	AVG	No Limit
5		5353.480	67.54	-8.32	59.22	74.00	-14.78	peak	
6		5353.480	56.08	-8.32	47.76	54.00	-6.24	AVG	
7		5460.560	59.11	-8.33	50.78	68.20	-17.42	peak	

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

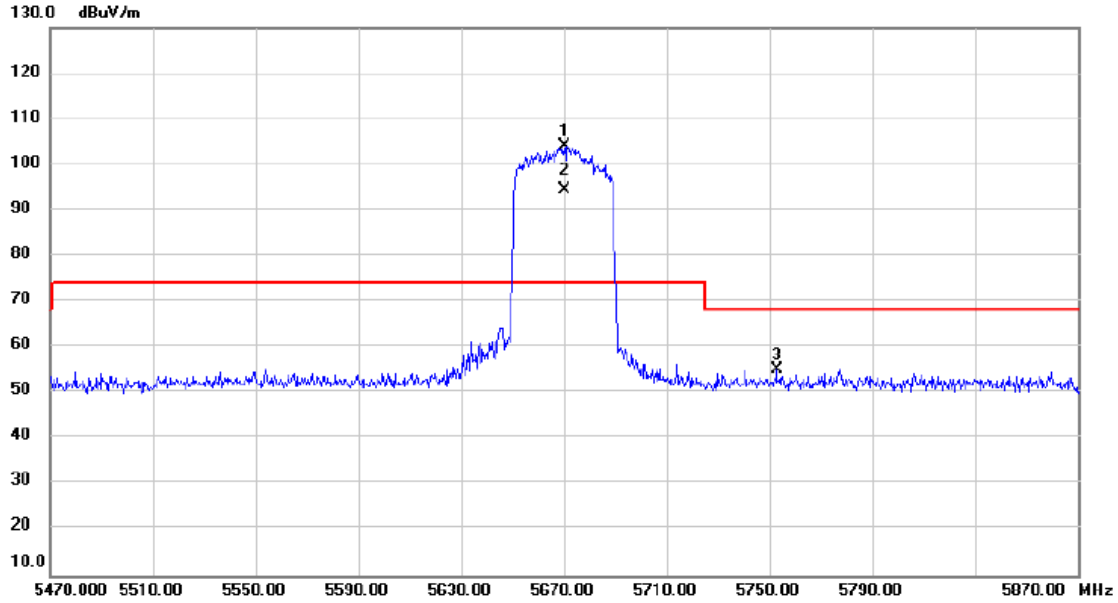
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/18
Test Frequency	5510MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5455.693	64.03	-8.33	55.70	74.00	-18.30	peak	
2		5455.693	56.10	-8.33	47.77	54.00	-6.23	AVG	
3		5469.333	69.56	-8.33	61.23	68.20	-6.97	peak	
4	*	5510.000	112.62	-8.31	104.31	74.00	30.31	peak	No Limit
5	X	5510.000	101.58	-8.31	93.27	74.00	19.27	AVG	No Limit

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

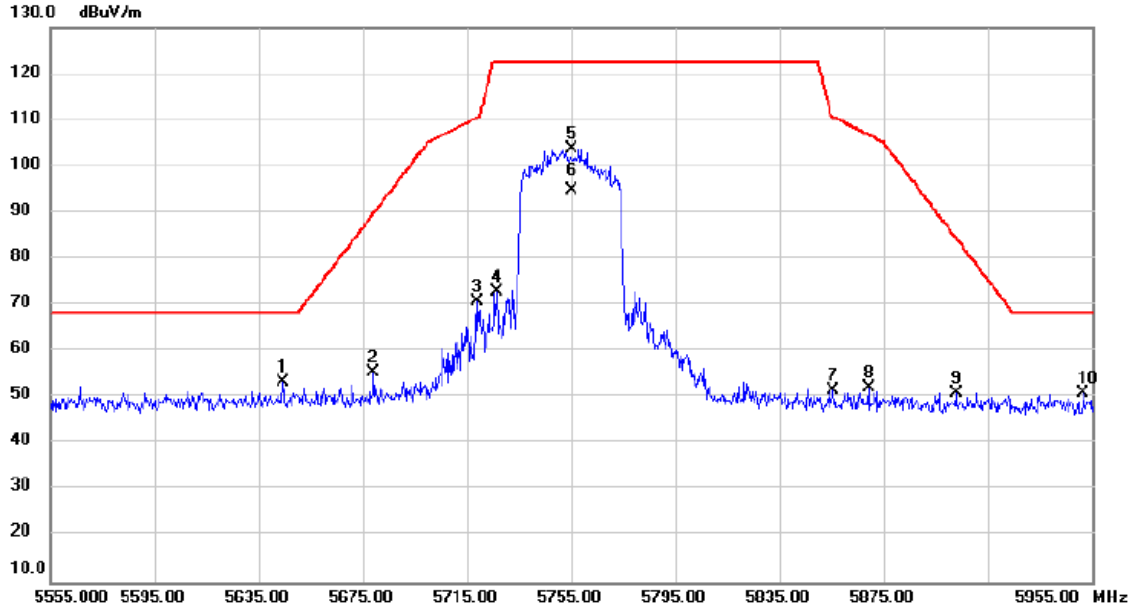
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/26
Test Frequency	5670MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5670.000	102.35	1.83	104.18	74.00	30.18	peak	No Limit
2	X	5670.000	92.61	1.83	94.44	74.00	20.44	AVG	No Limit
3		5752.867	53.11	2.00	55.11	68.20	-13.09	peak	

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

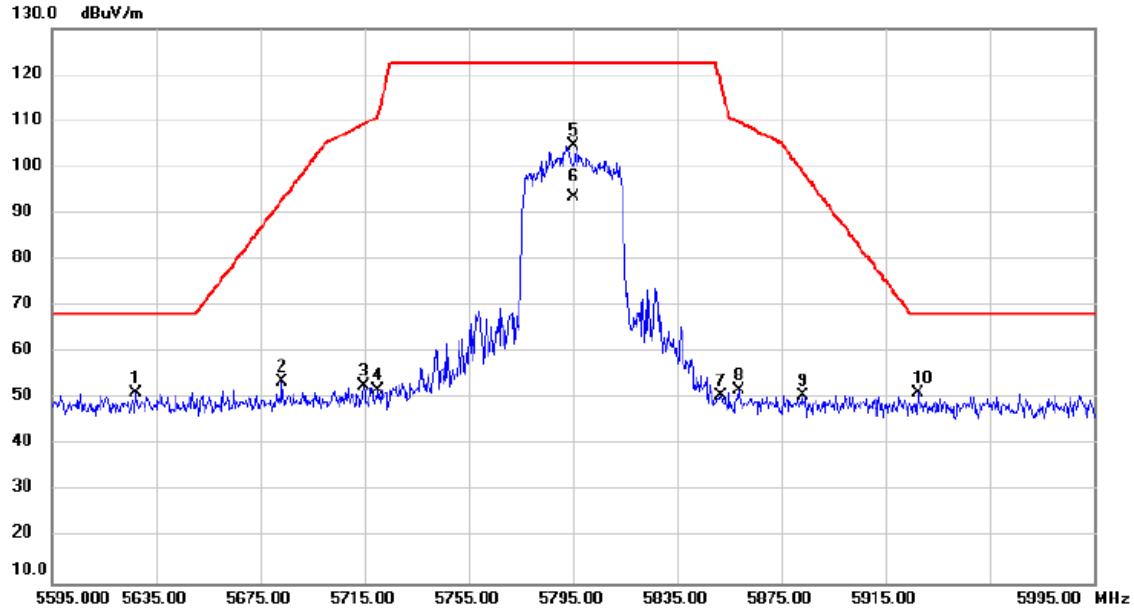
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/18
Test Frequency	5755MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5644.467	61.27	-8.06	53.21	68.20	-14.99	peak	
2		5679.187	63.31	-8.00	55.31	89.84	-34.53	peak	
3		5718.907	78.81	-7.92	70.89	110.49	-39.60	peak	
4		5726.253	80.66	-7.90	72.76	122.20	-49.44	peak	
5		5755.000	111.53	-7.86	103.67	122.20	-18.53	peak	No Limit
6		5755.000	102.55	-7.86	94.69	122.20	-27.51	AVG	No Limit
7		5855.453	59.19	-7.67	51.52	110.67	-59.15	peak	
8		5869.173	59.91	-7.64	52.27	106.83	-54.56	peak	
9		5902.813	58.57	-7.59	50.98	84.58	-33.60	peak	
10		5951.613	58.37	-7.49	50.88	68.20	-17.32	peak	

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

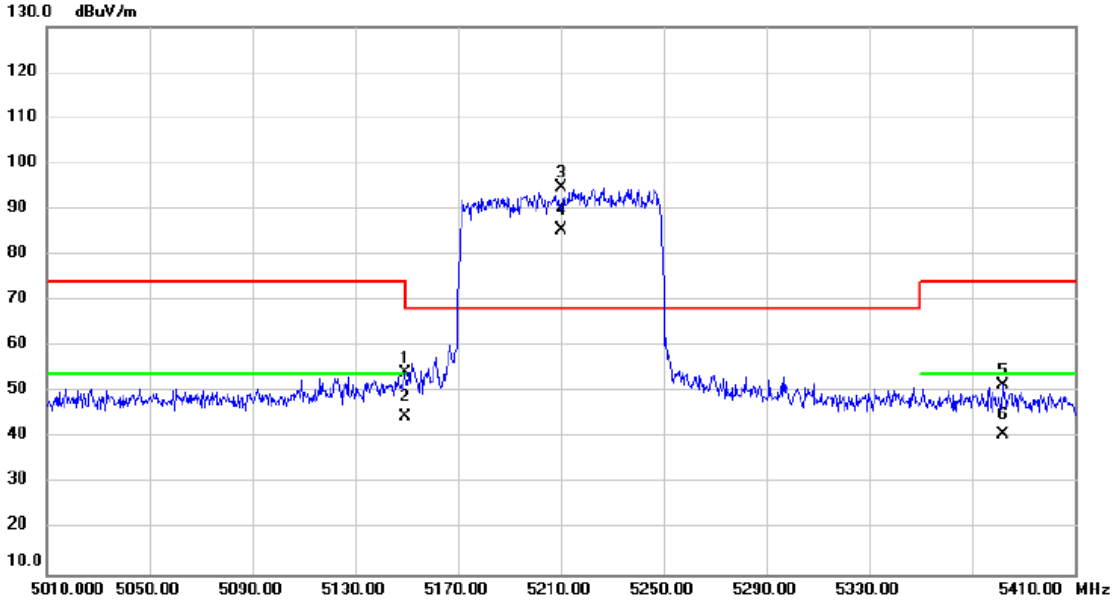
Test Mode	IEEE 802.11ax (HE40)	Test Date	2022/10/18
Test Frequency	5795MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5627.107	59.44	-8.09	51.35	68.20	-16.85	peak	
2		5683.533	61.78	-7.99	53.79	93.05	-39.26	peak	
3		5714.720	60.58	-7.93	52.65	109.32	-56.67	peak	
4		5720.240	59.85	-7.92	51.93	111.35	-59.42	peak	
5		5795.000	112.38	-7.78	104.60	122.20	-17.60	peak	No Limit
6		5795.000	101.48	-7.78	93.70	122.20	-28.50	AVG	No Limit
7		5851.773	58.34	-7.68	50.66	118.16	-67.50	peak	
8		5858.800	59.60	-7.66	51.94	109.73	-57.79	peak	
9		5883.040	58.39	-7.61	50.78	99.23	-48.45	peak	
10		5927.480	58.77	-7.53	51.24	68.20	-16.96	peak	

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

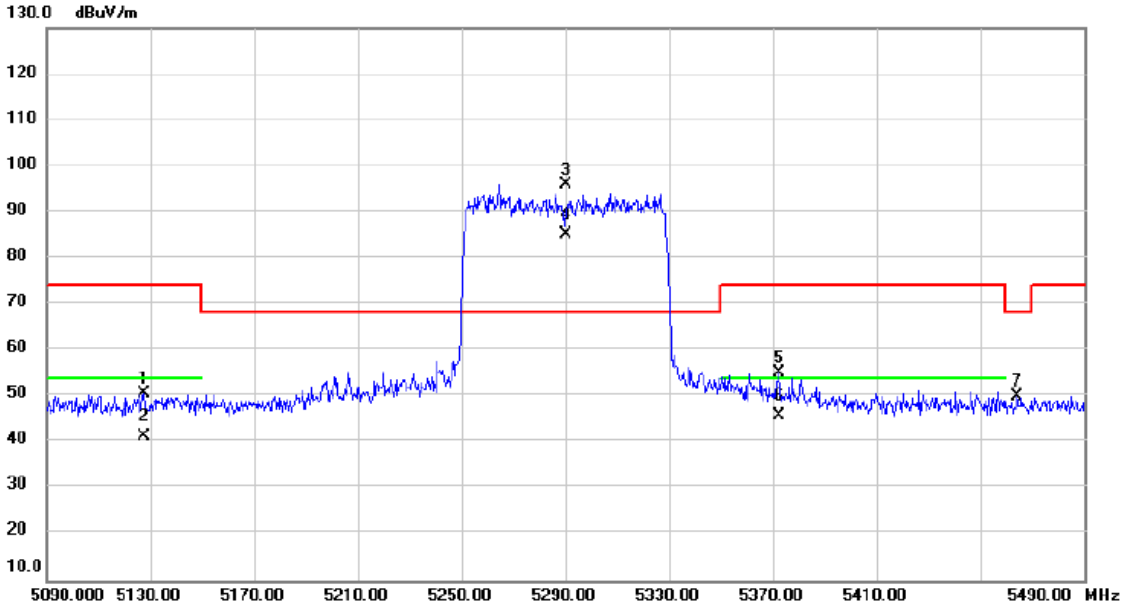
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2022/10/18
Test Frequency	5210MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5149.320	62.45	-8.32	54.13	74.00	-19.87	peak	
2		5149.320	52.97	-8.32	44.65	54.00	-9.35	AVG	
3	*	5210.000	103.15	-8.33	94.82	68.20	26.62	peak	No Limit
4	X	5210.000	93.87	-8.33	85.54	68.20	17.34	AVG	No Limit
5		5382.187	59.88	-8.33	51.55	74.00	-22.45	peak	
6		5382.187	49.05	-8.33	40.72	54.00	-13.28	AVG	

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

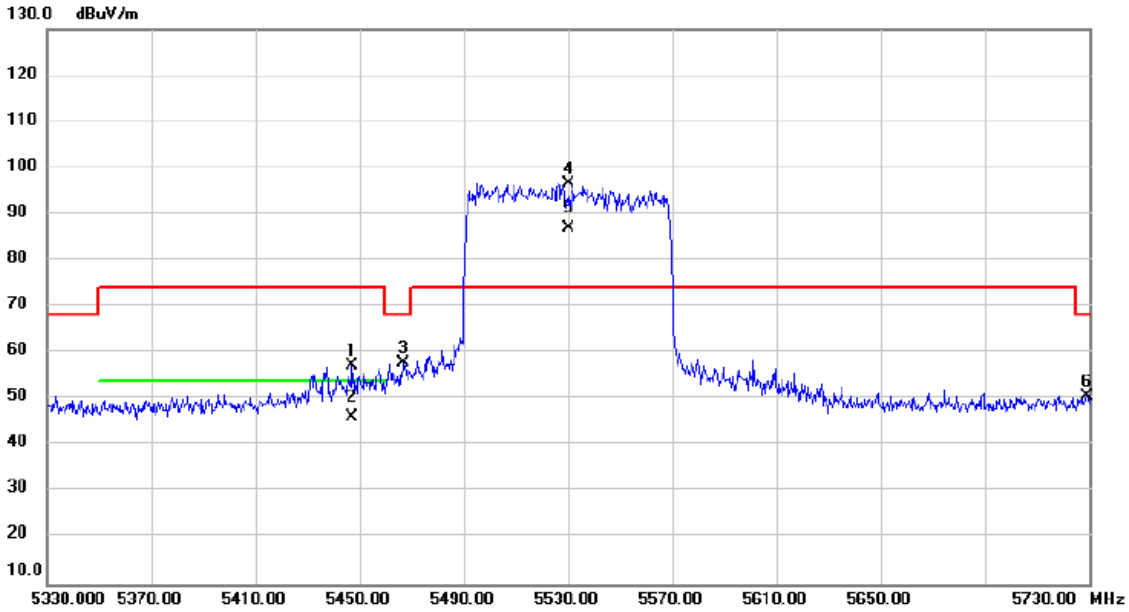
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2022/10/18
Test Frequency	5290MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5127.507	59.06	-8.32	50.74	74.00	-23.26	peak	
2		5127.507	49.65	-8.32	41.33	54.00	-12.67	AVG	
3	*	5290.000	104.38	-8.32	96.06	68.20	27.86	peak	No Limit
4	X	5290.000	93.60	-8.32	85.28	68.20	17.08	AVG	No Limit
5		5372.480	63.34	-8.33	55.01	74.00	-18.99	peak	
6		5372.480	54.09	-8.33	45.76	54.00	-8.24	AVG	
7		5464.013	58.44	-8.33	50.11	68.20	-18.09	peak	

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

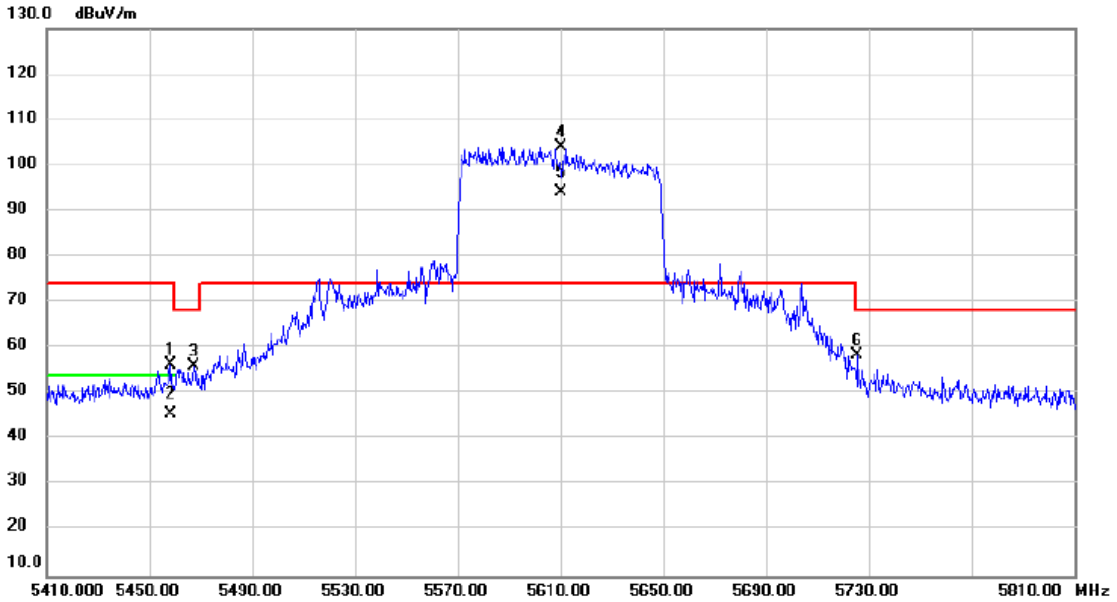
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2022/10/18
Test Frequency	5530MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5447.307	65.71	-8.33	57.38	74.00	-16.62	peak	
2		5447.307	54.47	-8.33	46.14	54.00	-7.86	AVG	
3		5467.000	66.30	-8.33	57.97	68.20	-10.23	peak	
4	*	5530.000	104.79	-8.27	96.52	74.00	22.52	peak	No Limit
5	X	5530.000	95.09	-8.27	86.82	74.00	12.82	AVG	No Limit
6		5729.240	58.70	-7.90	50.80	68.20	-17.40	peak	

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

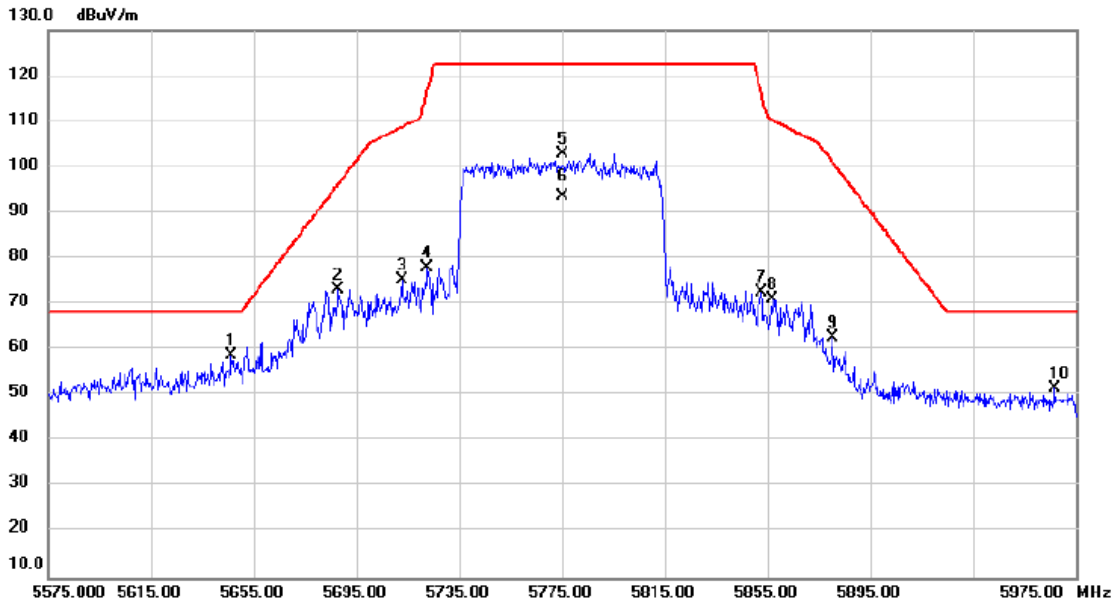
Test Mode	IEEE 802.11ac (HT80)	Test Date	2022/10/18
Test Frequency	5610MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5458.467	64.70	-8.33	56.37	74.00	-17.63	peak	
2		5458.467	53.83	-8.33	45.50	54.00	-8.50	AVG	
3		5467.200	64.24	-8.33	55.91	68.20	-12.29	peak	
4	*	5610.000	112.32	-8.13	104.19	74.00	30.19	peak	No Limit
5	X	5610.000	102.26	-8.13	94.13	74.00	20.13	AVG	No Limit
6		5725.720	66.41	-7.90	58.51	68.20	-9.69	peak	

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

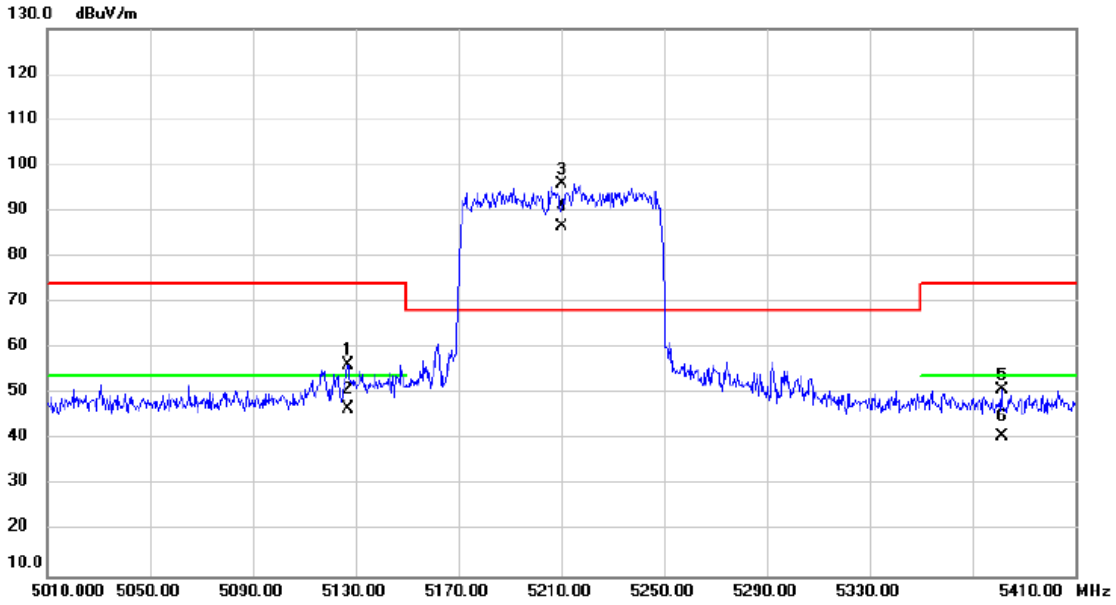
Test Mode	IEEE 802.11ac (HT80)	Test Date	2022/10/18
Test Frequency	5775MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5646.333	66.81	-8.06	58.75	68.20	-9.45	peak	
2		5687.853	81.29	-7.99	73.30	96.24	-22.94	peak	
3		5712.653	83.11	-7.93	75.18	108.75	-33.57	peak	
4		5722.733	85.90	-7.92	77.98	117.03	-39.05	peak	
5		5775.000	110.55	-7.81	102.74	122.20	-19.46	peak	No Limit
6		5775.000	101.21	-7.81	93.40	122.20	-28.80	AVG	No Limit
7		5852.453	80.19	-7.68	72.51	116.61	-44.10	peak	
8		5856.760	78.80	-7.67	71.13	110.31	-39.18	peak	
9		5880.333	70.16	-7.62	62.54	101.24	-38.70	peak	
10		5966.760	58.97	-7.47	51.50	68.20	-16.70	peak	

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

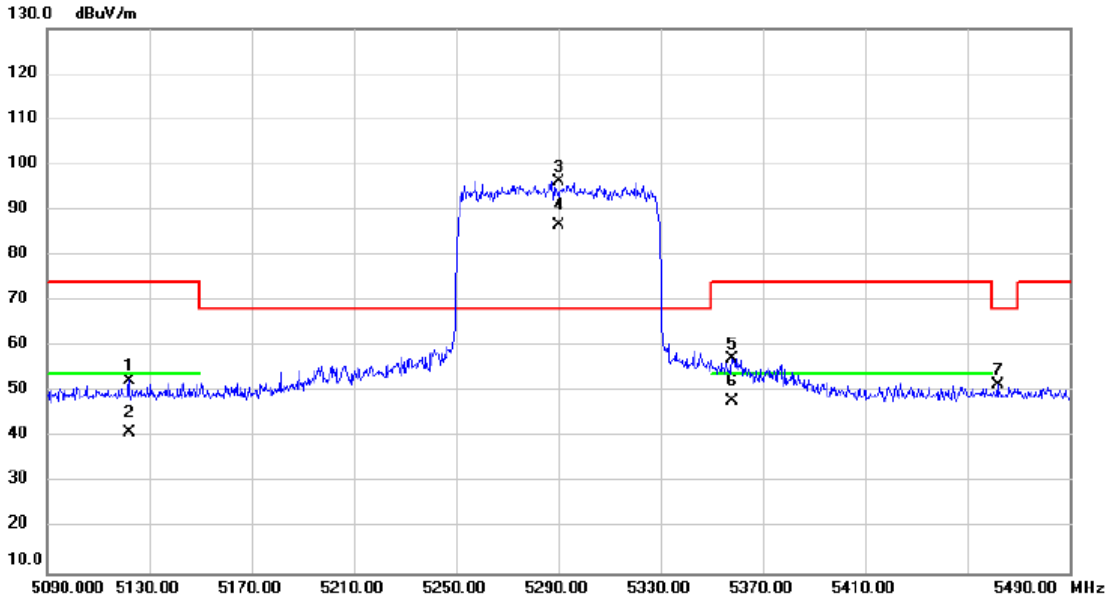
Test Mode	IEEE 802.11ax (HE80)	Test Date	2022/10/18
Test Frequency	5210MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5126.867	64.80	-8.32	56.48	74.00	-17.52	peak	
2		5126.867	54.99	-8.32	46.67	54.00	-7.33	AVG	
3	*	5210.000	104.32	-8.33	95.99	68.20	27.79	peak	No Limit
4	X	5210.000	94.96	-8.33	86.63	68.20	18.43	AVG	No Limit
5		5381.440	59.20	-8.33	50.87	74.00	-23.13	peak	
6		5381.440	49.20	-8.33	40.87	54.00	-13.13	AVG	

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

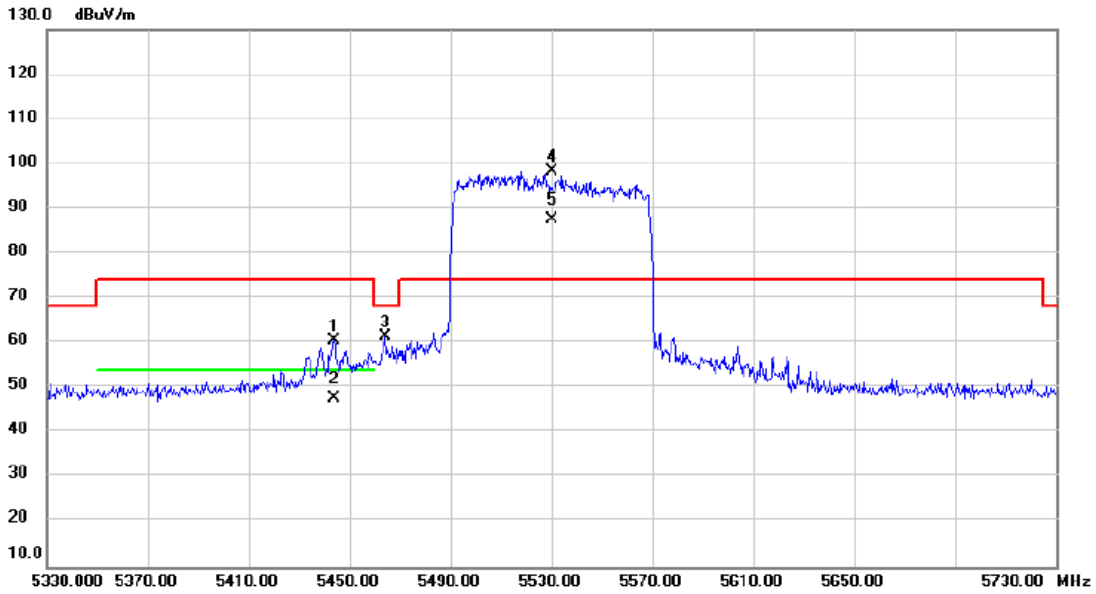
Test Mode	IEEE 802.11ax (HE80)	Test Date	2022/10/26
Test Frequency	5290MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5122.253	60.92	-8.32	52.60	74.00	-21.40	peak	
2		5122.253	49.29	-8.32	40.97	54.00	-13.03	AVG	
3	*	5290.000	104.53	-8.32	96.21	68.20	28.01	peak	No Limit
4	X	5290.000	95.00	-8.32	86.68	68.20	18.48	AVG	No Limit
5		5358.093	65.63	-8.33	57.30	74.00	-16.70	peak	
6		5358.093	56.18	-8.33	47.85	54.00	-6.15	AVG	
7		5461.760	59.86	-8.32	51.54	68.20	-16.66	peak	

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

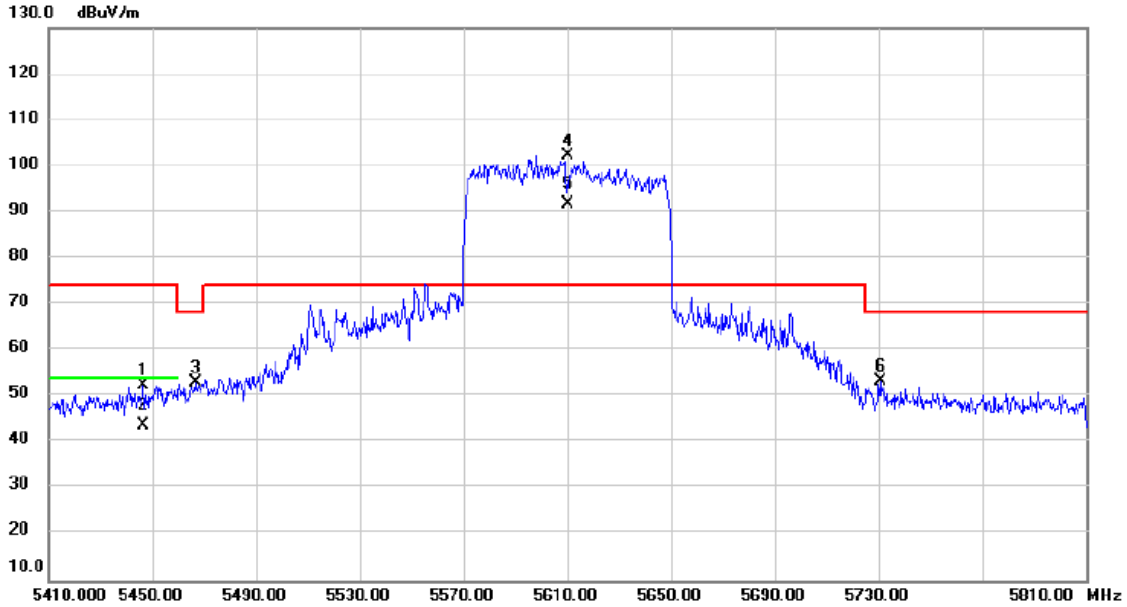
Test Mode	IEEE 802.11ax (HE80)	Test Date	2022/10/18
Test Frequency	5530MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5443.813	68.83	-8.33	60.50	74.00	-13.50	peak	
2		5443.813	56.04	-8.33	47.71	54.00	-6.29	AVG	
3		5464.013	69.66	-8.33	61.33	68.20	-6.87	peak	
4	*	5530.000	106.75	-8.27	98.48	74.00	24.48	peak	No Limit
5	X	5530.000	95.84	-8.27	87.57	74.00	13.57	AVG	No Limit

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

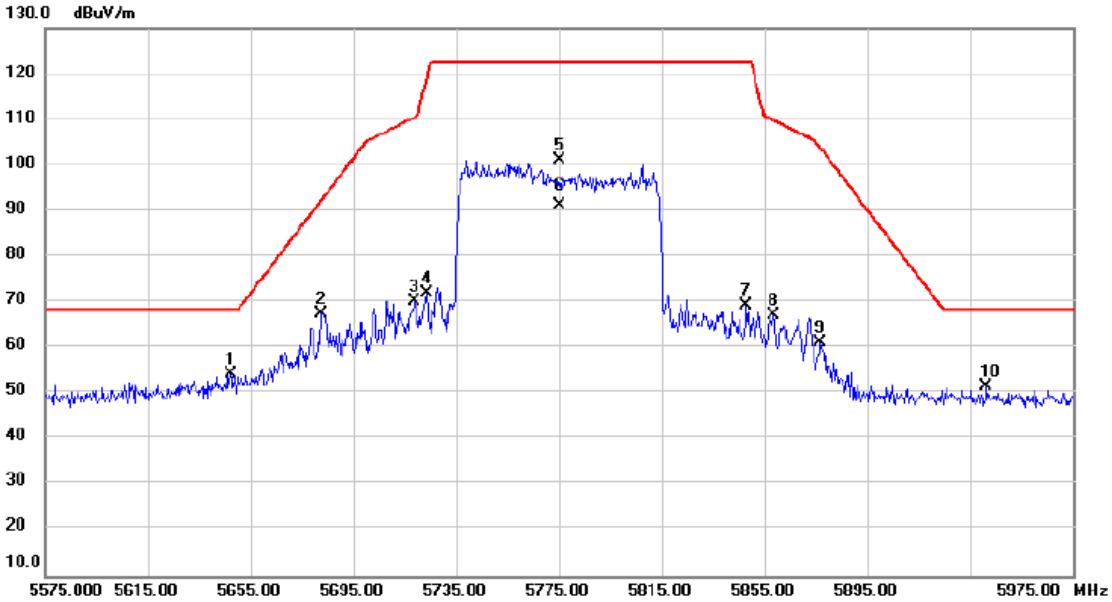
Test Mode	IEEE 802.11ax (HE80)	Test Date	2022/10/18
Test Frequency	5610MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5446.440	60.87	-8.32	52.55	74.00	-21.45	peak	
2		5446.440	52.11	-8.32	43.79	54.00	-10.21	AVG	
3		5466.640	61.51	-8.33	53.18	68.20	-15.02	peak	
4	*	5610.000	110.48	-8.13	102.35	74.00	28.35	peak	No Limit
5	X	5610.000	99.77	-8.13	91.64	74.00	17.64	AVG	No Limit
6		5730.640	61.30	-7.90	53.40	68.20	-14.80	peak	

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

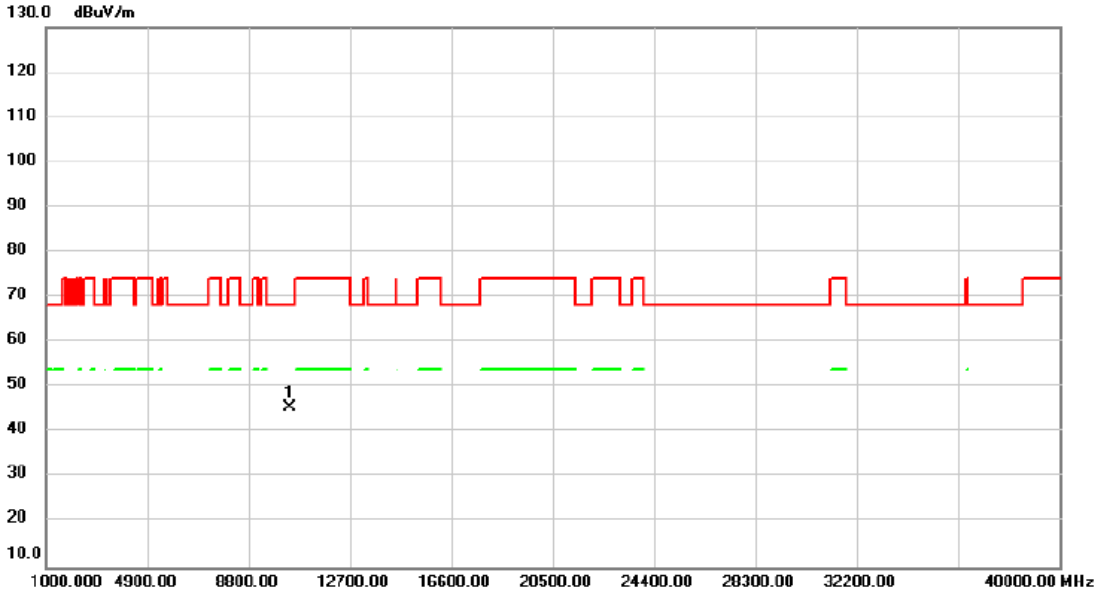
Test Mode	IEEE 802.11ax (HE80)	Test Date	2022/10/18
Test Frequency	5775MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5647.093	62.38	-8.05	54.33	68.20	-13.87	peak	
2		5682.613	75.55	-7.99	67.56	92.37	-24.81	peak	
3		5718.693	78.05	-7.92	70.13	110.43	-40.30	peak	
4		5723.333	79.90	-7.92	71.98	118.40	-46.42	peak	
5		5775.000	108.80	-7.81	100.99	122.20	-21.21	peak	No Limit
6		5775.000	98.94	-7.81	91.13	122.20	-31.07	AVG	No Limit
7		5847.893	76.83	-7.68	69.15	122.20	-53.05	peak	
8		5858.427	74.91	-7.66	67.25	109.84	-42.59	peak	
9		5876.840	68.85	-7.62	61.23	103.83	-42.60	peak	
10		5941.173	58.92	-7.51	51.41	68.20	-16.79	peak	

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

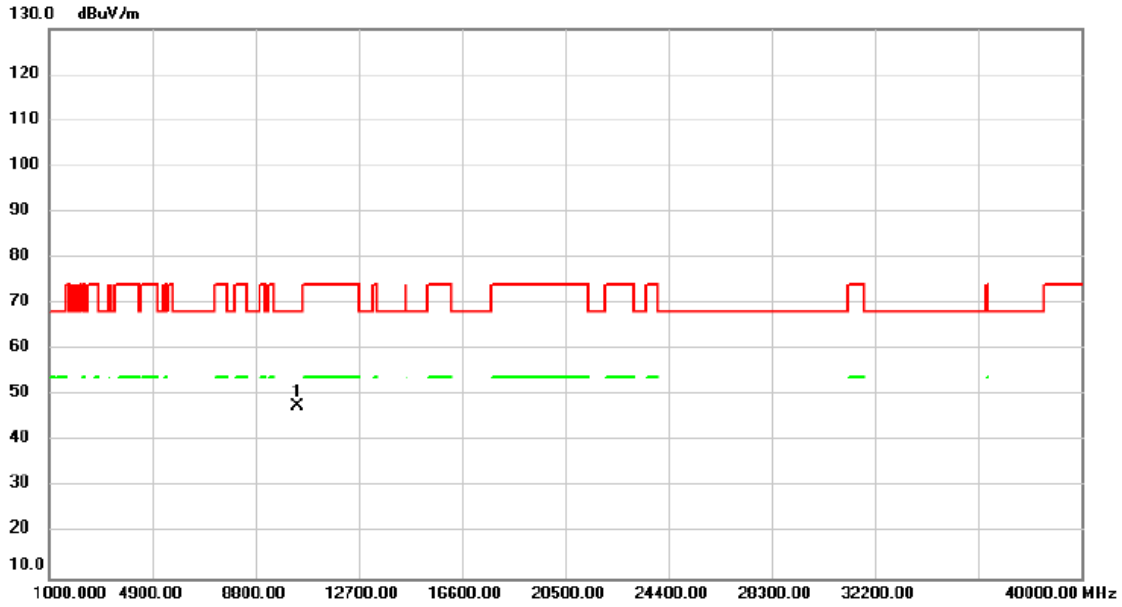
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5180MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	39.86	5.82	45.68	68.20	-22.52	peak	

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

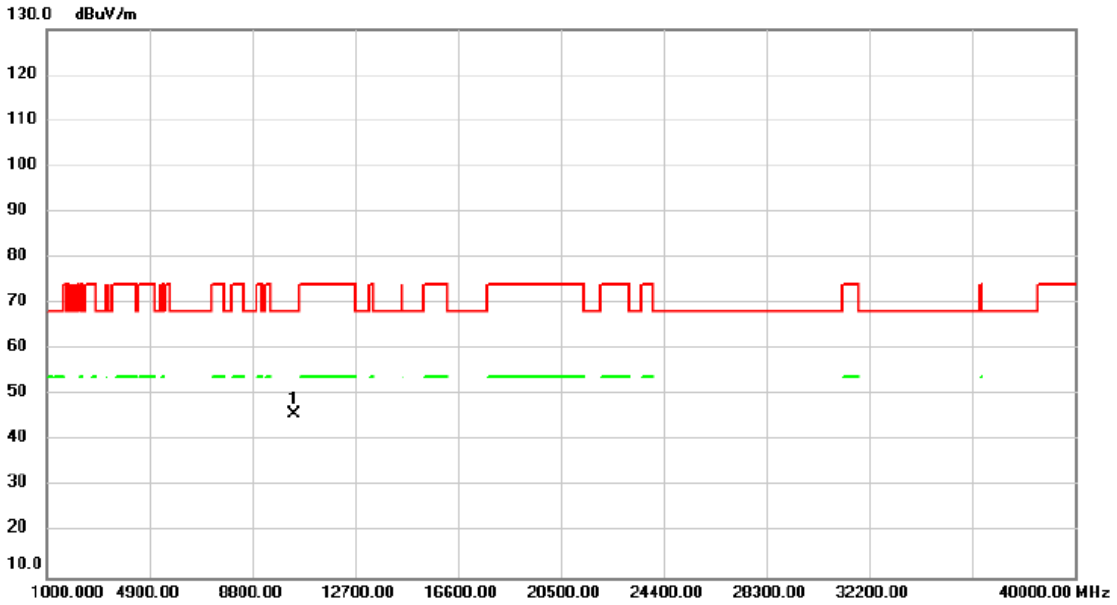
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5180MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10360.00	41.90	5.82	47.72	68.20	-20.48	peak	

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

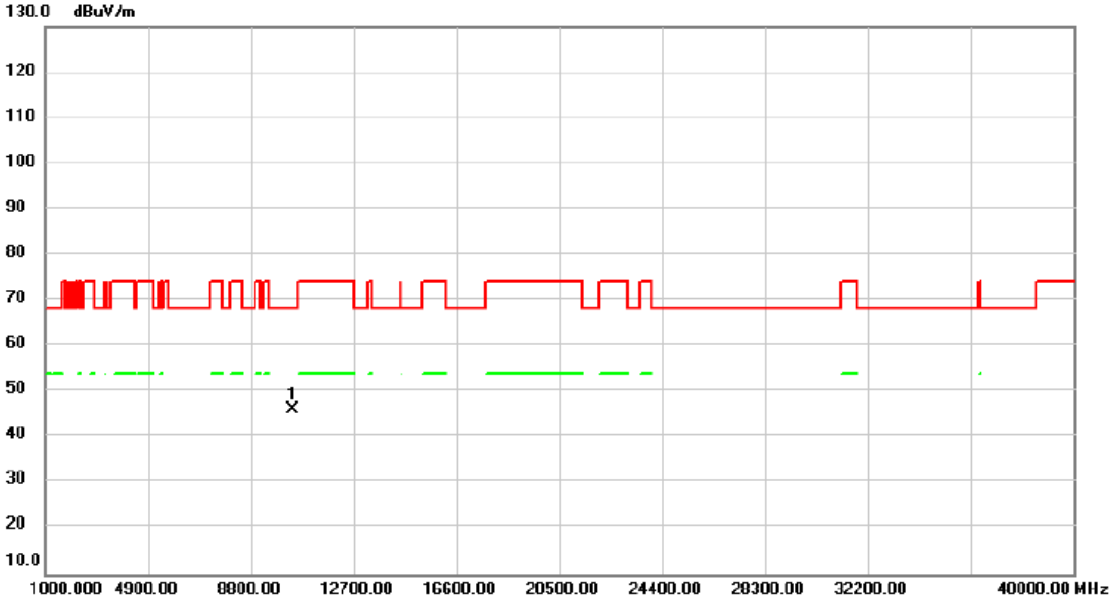
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5200MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	40.14	5.80	45.94	68.20	-22.26	peak	

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

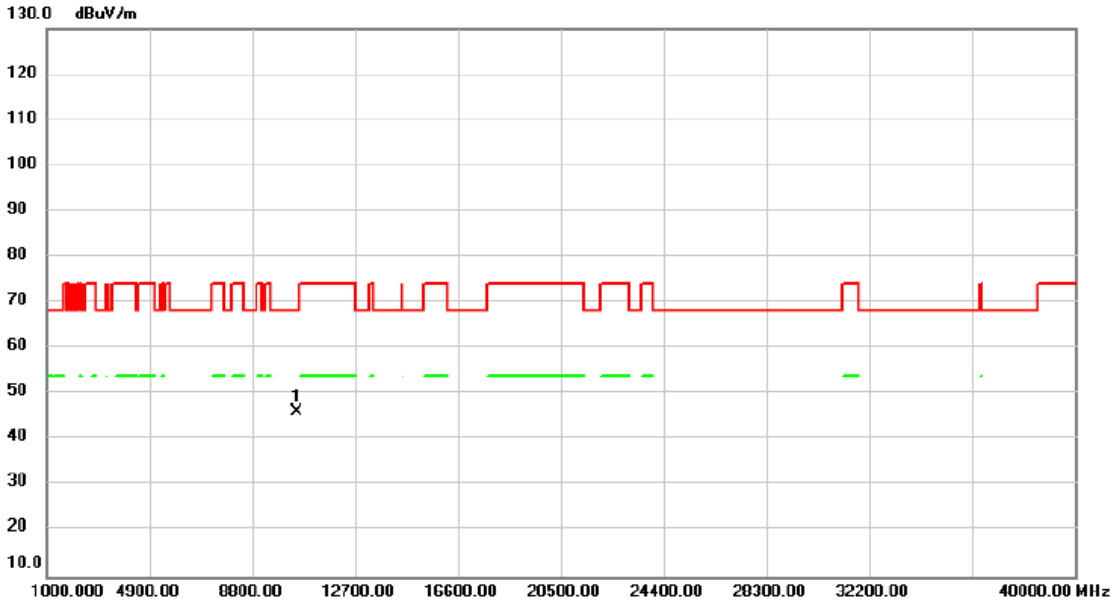
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5200MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10400.00	40.23	5.80	46.03	68.20	-22.17	peak	

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

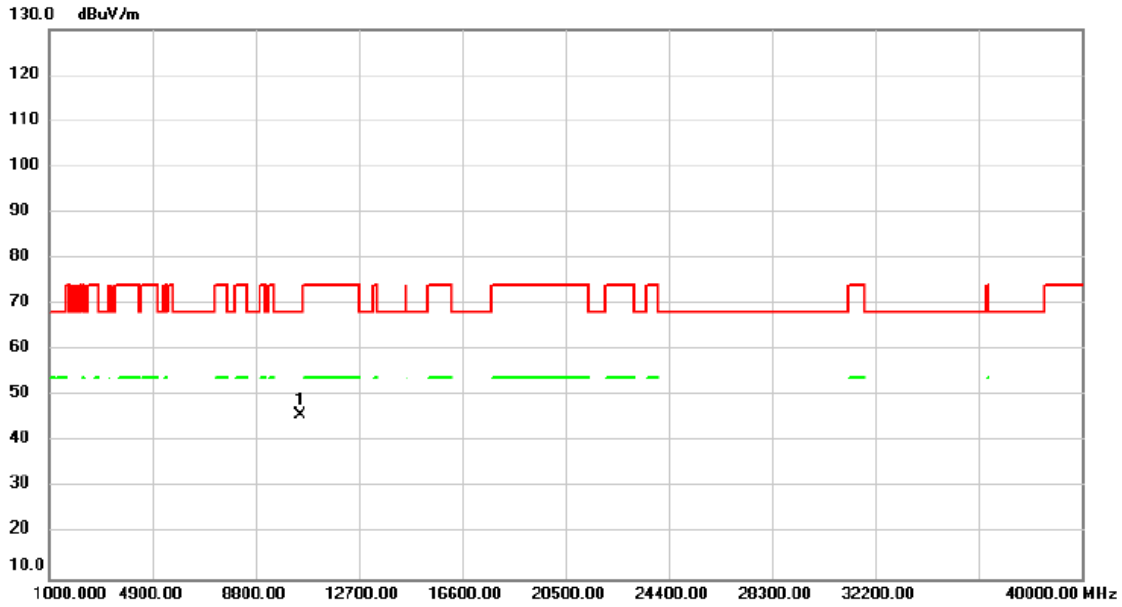
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5240MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	40.52	5.75	46.27	68.20	-21.93	peak	

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

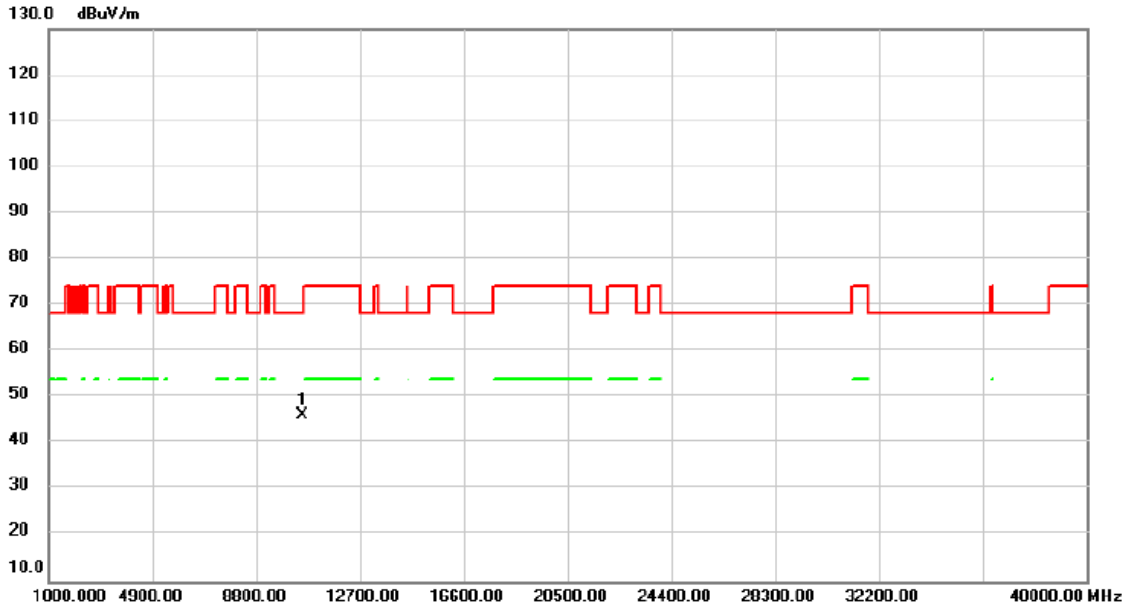
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5240MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10480.00	40.09	5.75	45.84	68.20	-22.36	peak	

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

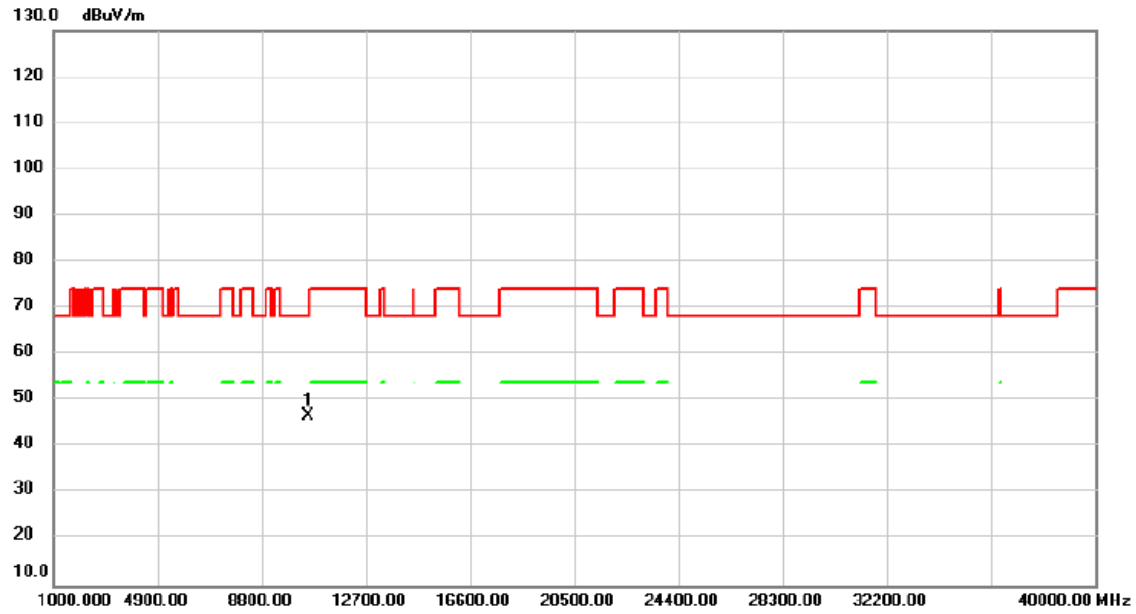
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5260MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	40.44	5.72	46.16	68.20	-22.04	peak	

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

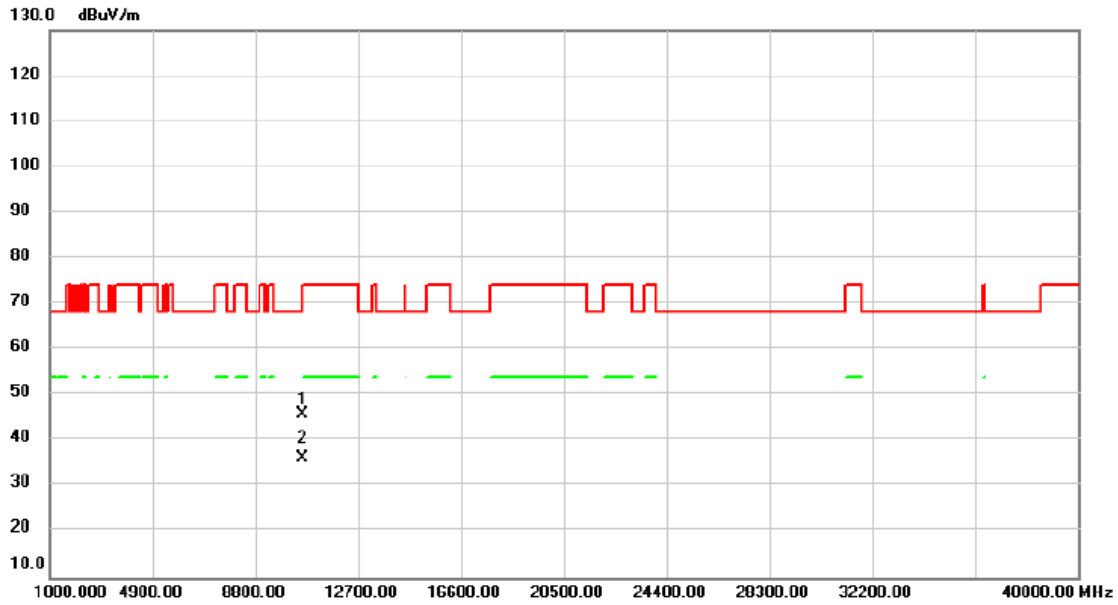
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5260MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	10520.00	41.08	5.72	46.80	68.20	-21.40	peak	

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

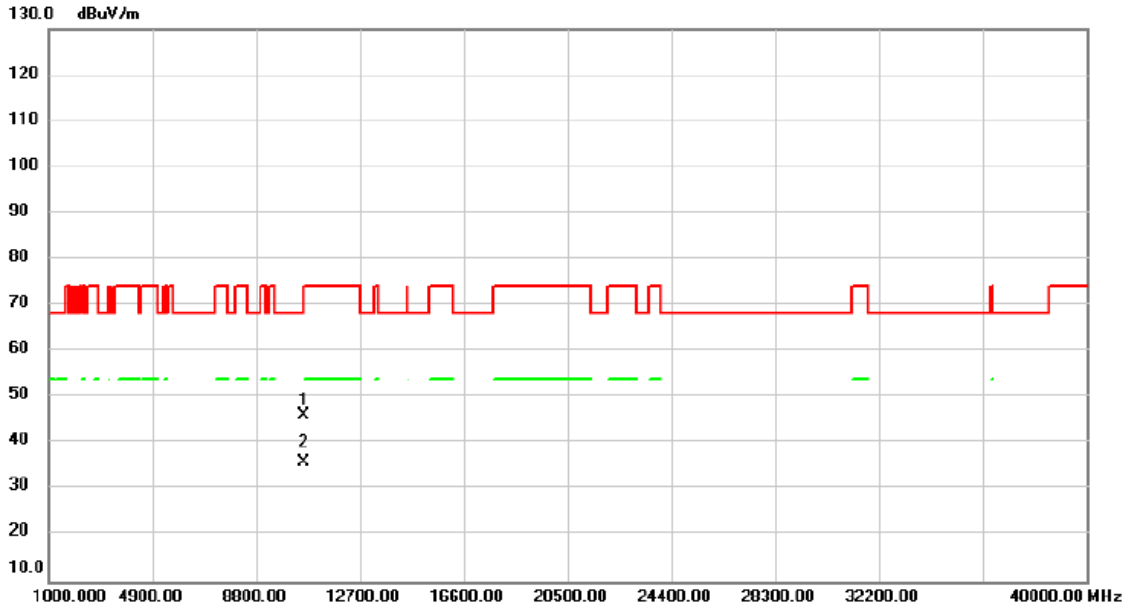
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5300MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.00	40.07	5.68	45.75	68.20	-22.45	peak	
2	*	10600.00	30.46	5.68	36.14	54.00	-17.86	AVG	

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

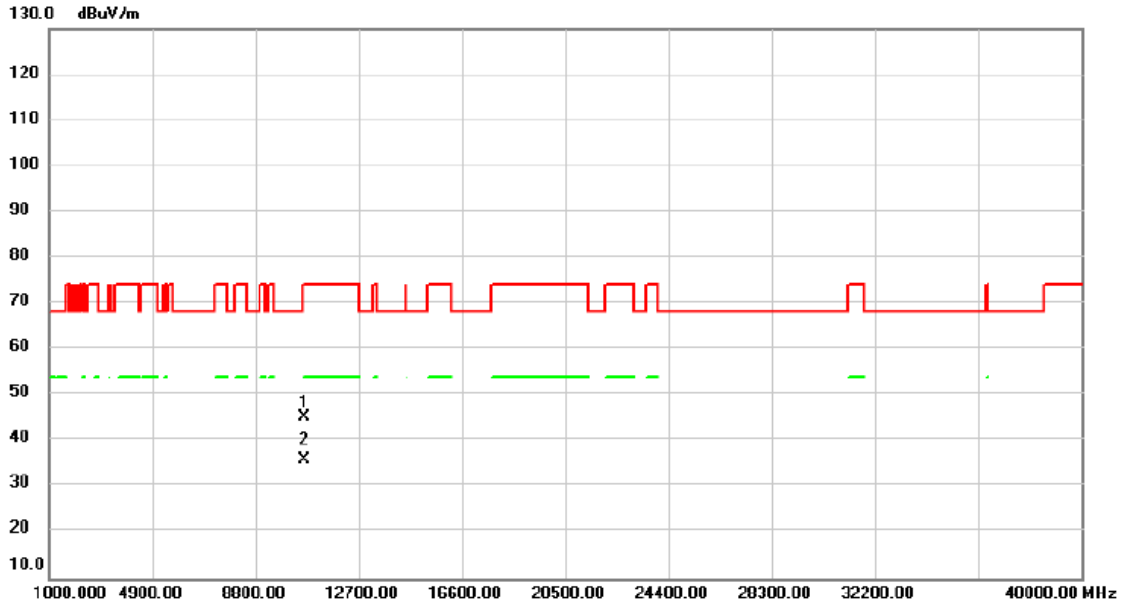
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5300MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10600.00	40.43	5.68	46.11	68.20	-22.09	peak	
2	*	10600.00	30.29	5.68	35.97	54.00	-18.03	AVG	

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

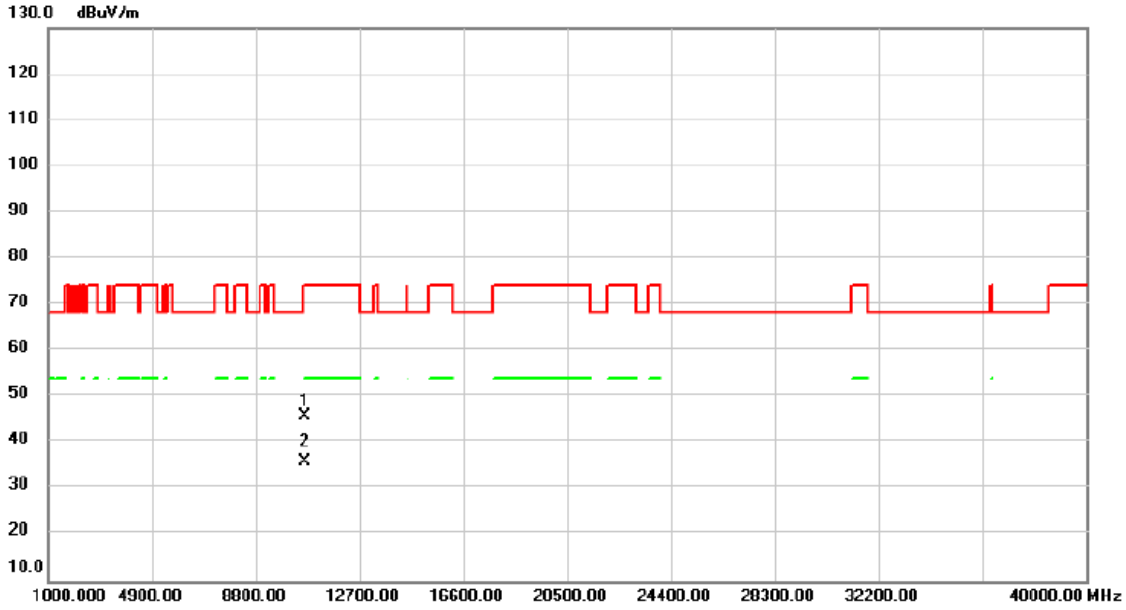
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5320MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	39.69	5.65	45.34	74.00	-28.66	peak	
2	*	10640.00	30.36	5.65	36.01	54.00	-17.99	AVG	

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

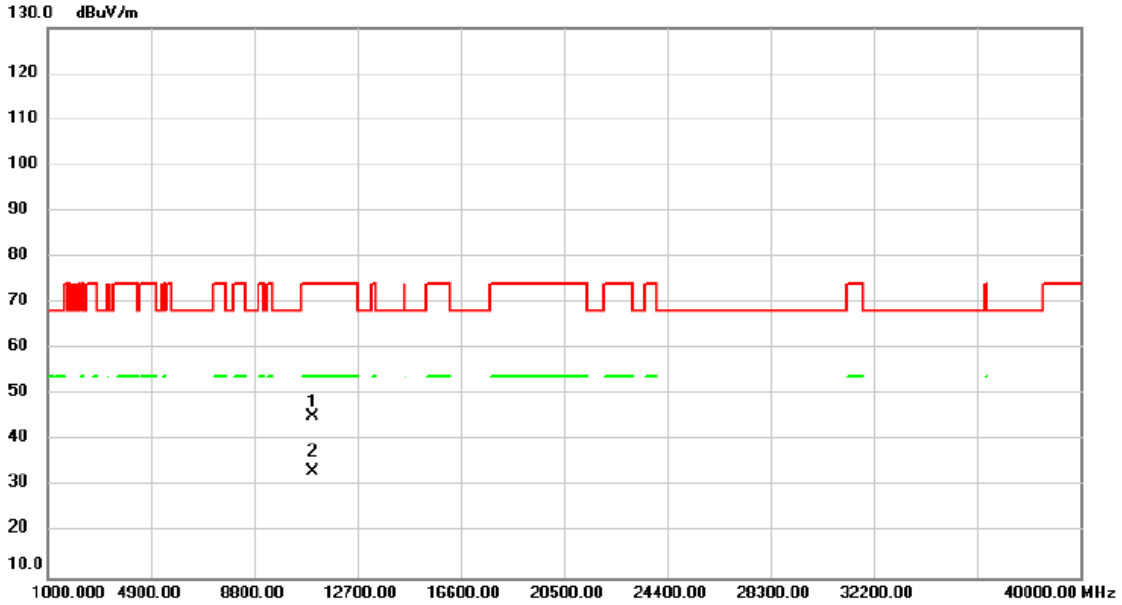
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5320MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		10640.00	40.29	5.65	45.94	74.00	-28.06	peak	
2	*	10640.00	30.42	5.65	36.07	54.00	-17.93	AVG	

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

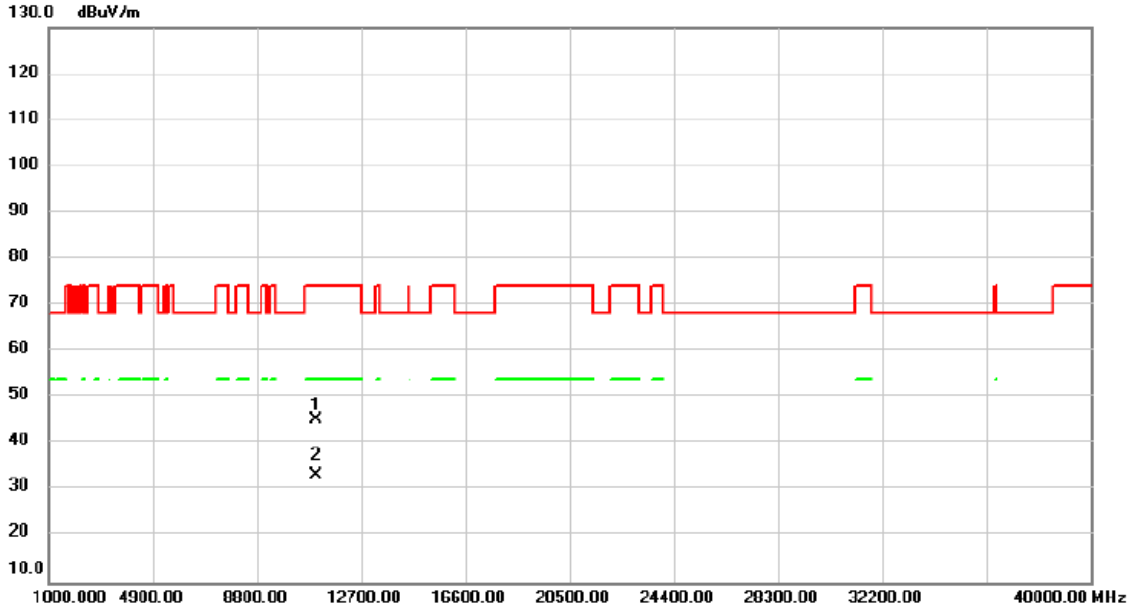
Test Mode	IEEE 802.11a	Test Date	2022/10/19
Test Frequency	5500MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	43.96	1.21	45.17	74.00	-28.83	peak	
2	*	11000.00	32.11	1.21	33.32	54.00	-20.68	AVG	

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

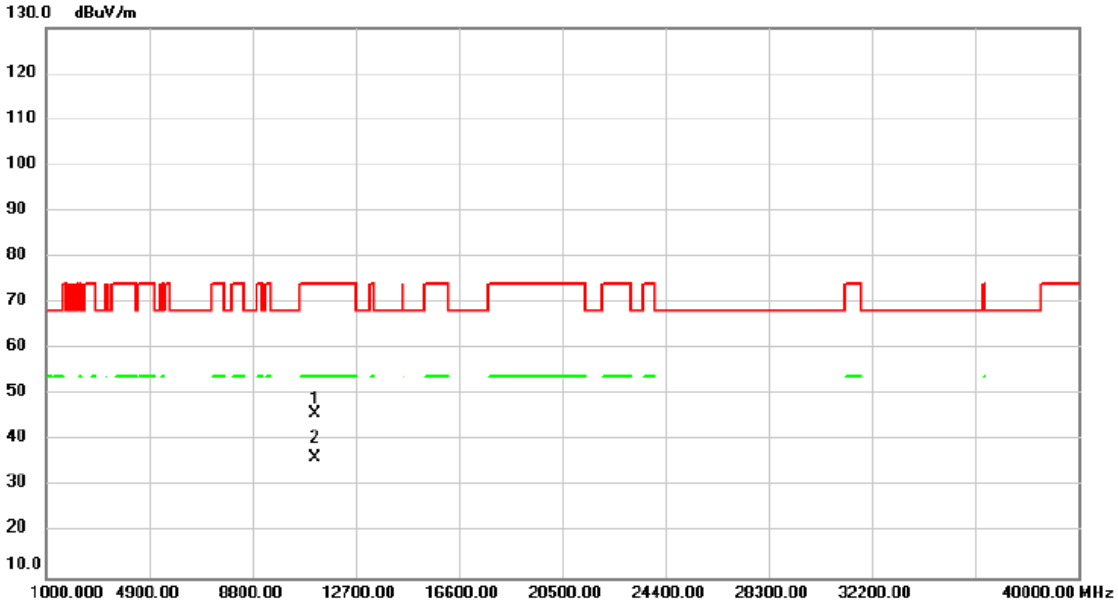
Test Mode	IEEE 802.11a	Test Date	2022/10/19
Test Frequency	5500MHz	Polarization	Horizontal
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11000.00	43.89	1.21	45.10	74.00	-28.90	peak	
2	*	11000.00	32.08	1.21	33.29	54.00	-20.71	AVG	

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

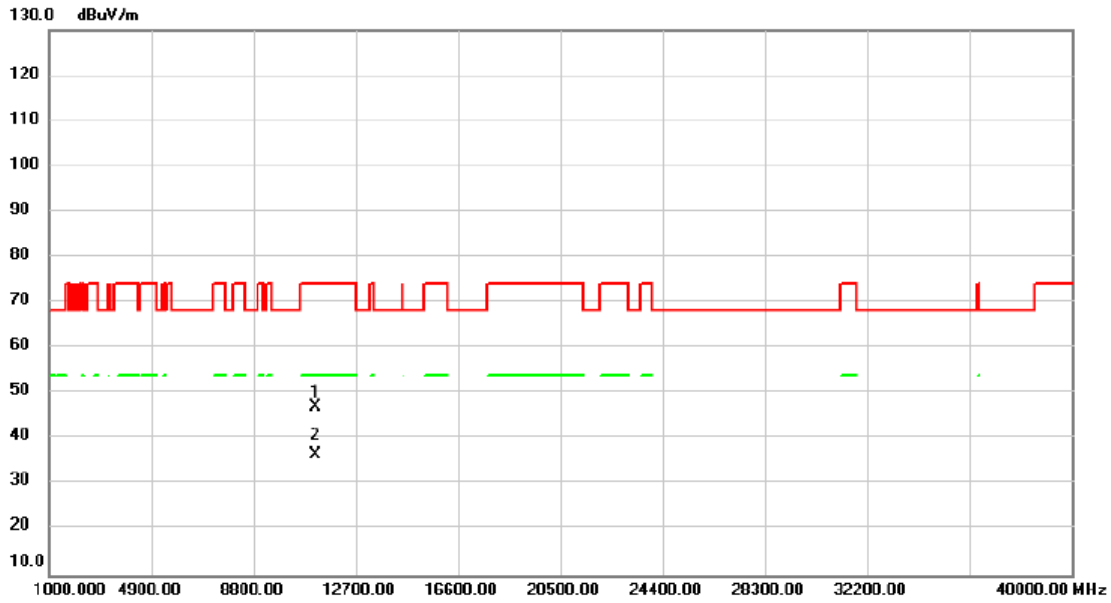
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5580MHz	Polarization	Vertical
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	40.17	5.73	45.90	74.00	-28.10	peak	
2	*	11160.00	30.67	5.73	36.40	54.00	-17.60	AVG	

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

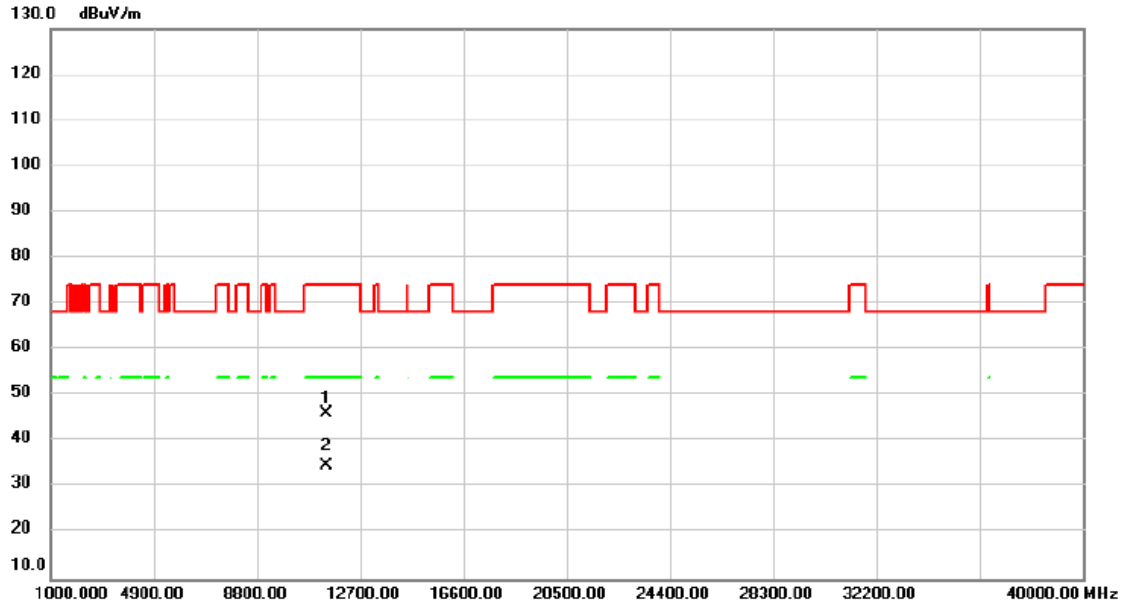
Test Mode	IEEE 802.11a	Test Date	2022/10/26
Test Frequency	5580MHz	Polarization	Horizontal
Temp	23°C	Hum.	59%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11160.00	41.30	5.73	47.03	74.00	-26.97	peak	
2	*	11160.00	30.82	5.73	36.55	54.00	-17.45	AVG	

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

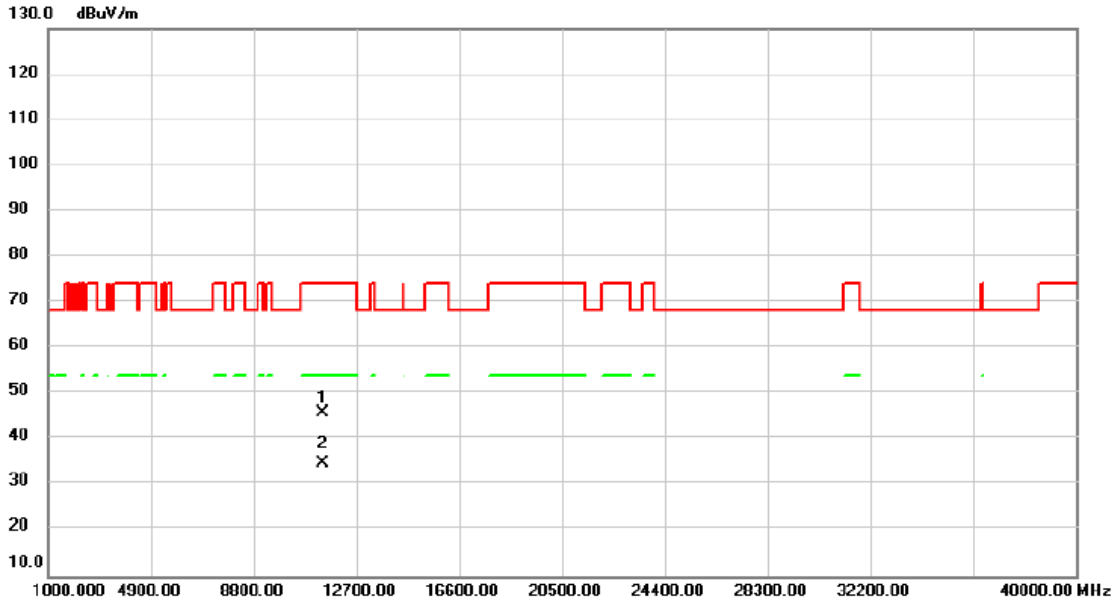
Test Mode	IEEE 802.11a	Test Date	2022/10/19
Test Frequency	5700MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	43.67	2.36	46.03	74.00	-27.97	peak	
2	*	11400.00	32.45	2.36	34.81	54.00	-19.19	AVG	

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

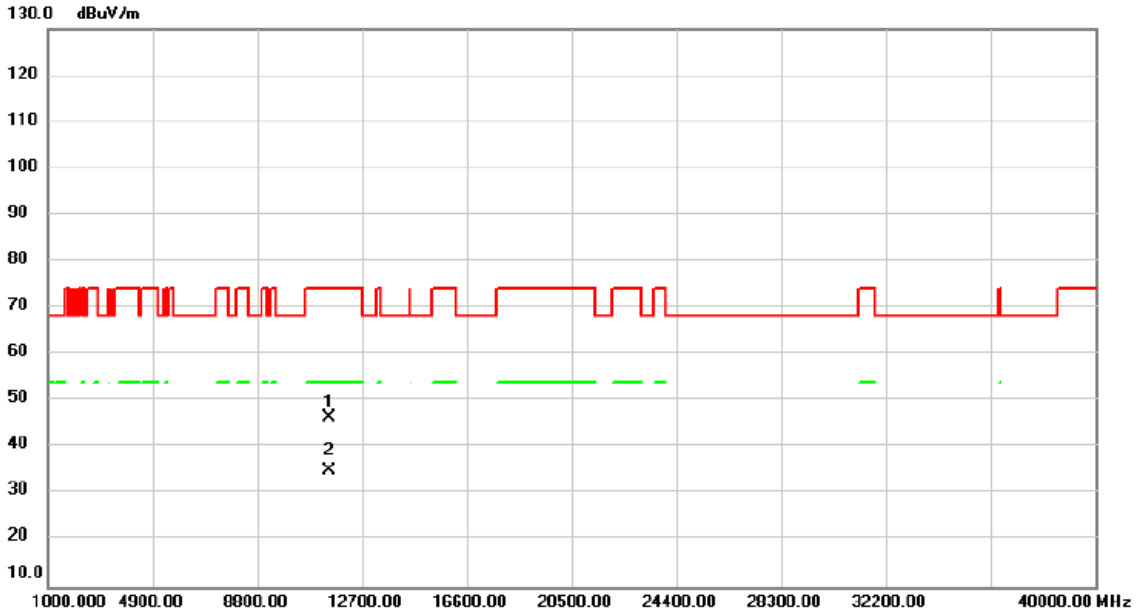
Test Mode	IEEE 802.11a	Test Date	2022/10/19
Test Frequency	5700MHz	Polarization	Horizontal
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11400.00	43.44	2.36	45.80	74.00	-28.20	peak	
2	*	11400.00	32.43	2.36	34.79	54.00	-19.21	AVG	

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

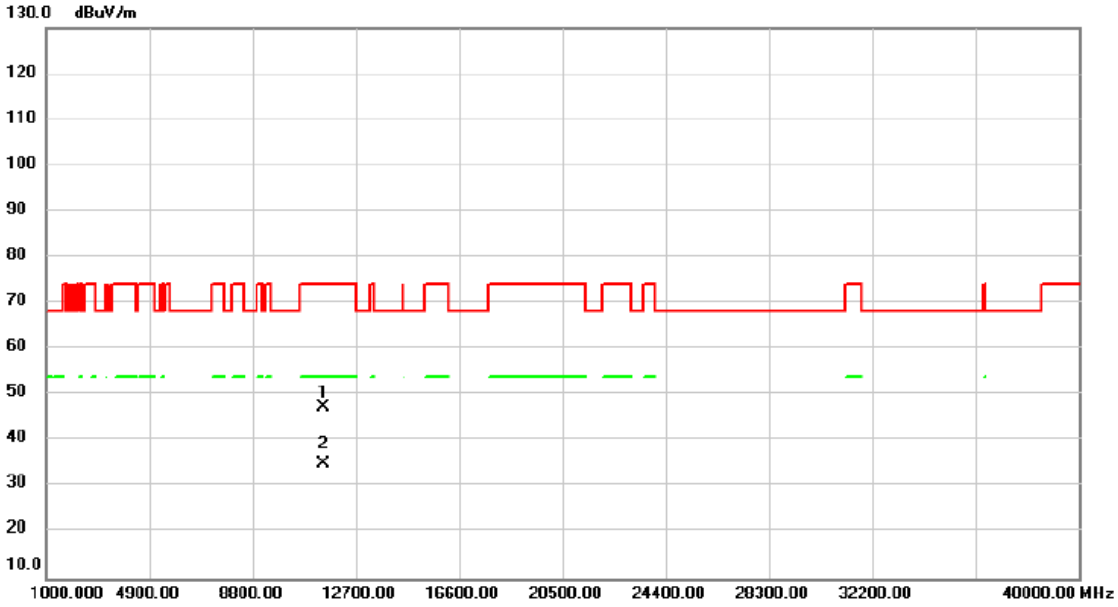
Test Mode	IEEE 802.11a	Test Date	2022/10/19
Test Frequency	5745MHz	Polarization	Vertical
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	43.79	2.62	46.41	74.00	-27.59	peak	
2	*	11490.00	32.41	2.62	35.03	54.00	-18.97	AVG	

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

Test Mode	IEEE 802.11a	Test Date	2022/10/19
Test Frequency	5745MHz	Polarization	Horizontal
Temp	25°C	Hum.	62%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	44.65	2.62	47.27	74.00	-26.73	peak	
2	*	11490.00	32.38	2.62	35.00	54.00	-19.00	AVG	

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