FCC Radio Test Report

FCC ID: BBP-WLEIG01

Report No.	:	BTL-FCCP-1-2207T020A
Equipment	:	portable monitor
Model Name	:	RICOH Portable Monitor 150BW, RICOH Light Monitor 150BW
Brand Name	:	RICOH
Applicant	:	Ricoh Company Ltd
Address	:	2-7-1 Izumi Ebina, Kanagawa, 243-0460 Japan
Radio Function	:	RLAN 5 GHz (U-NII 3)
FCC Rule Part(s)	:	FCC CFR Title 47, Part 15, Subpart E (15.407)
Measurement Procedure(s)	:	ANSI C63.10-2013
Date of Receipt	:	2024/11/22
Date of Test	:	2024/11/28 ~ 2024/12/3
Issued Date	:	2025/1/22

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

Prepared by : Brett Shen
Brett Shen, Engineer

Approved by : Jerry Chuang
Jerry Chuang, Supervisor

Testing Laboratory
0659

BTL Inc.
No.18, Ln. 171, Sec. 2, Jiuzong Rd., Neihu Dist., Taipei City 114, Taiwan
Tel: +886-2-2657-3299 Fax: +886-2-2657-3331 Web: www.newbtl.com Service mail: btl_qa@newbtl.com

Declaration

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

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

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

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

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

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

Limitation

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

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

CONTENTS

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-1-2207T020A	R00	Original Report.	2025/1/22	Valid

1 SUMMARY OF TEST RESULTS

Test procedures according to the technical standards.

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

Statement of Conformity
The statement of conformity is based on the binary decision rule according to IEC Guide 115 and ILAC G8 "simple acceptance" principle. Without considering measurement uncertainty, its specific risk is less than 50% PFA. (PFA: Probability of False Accept)

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 locations stated below are under the TAF Accreditation Number 0659.
The test location(s) used to collect the test data in this report are:
No. 68-1, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☒ C05 ☐ CB08 ☐ CB11 ☐ SR10 ☒ SR11
No. 72, Ln. 169, Sec. 2, Datong Rd., Xizhi Dist., New Taipei City 221, Taiwan
(FCC DN: TW0659)
☐ C06 ☒ CB21 ☐ CB22

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 %**.

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U (dB)
C05	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

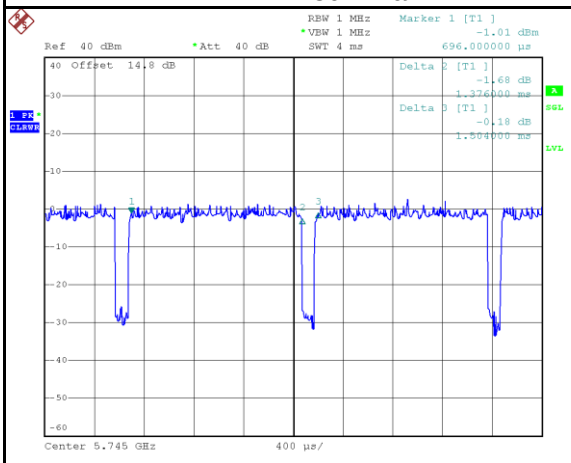
Test Item	Environment Condition	Test Voltage	Tested by
AC Power Line Conducted Emissions	25 °C, 53 %	AC 120V	Ken Lan
Radiated emissions below 1 GHz	Refer to data	AC 120V	Mark Wang
Radiated emissions above 1 GHz	Refer to data	AC 120V	Mark Wang
Bandwidth	22 °C, 48 %	AC 120V	Easton Tsai
Output Power	22 °C, 48 %	AC 120V	Easton Tsai
Power Spectral Density	22 °C, 48 %	AC 120V	Easton Tsai

1.4 DUTY CYCLE

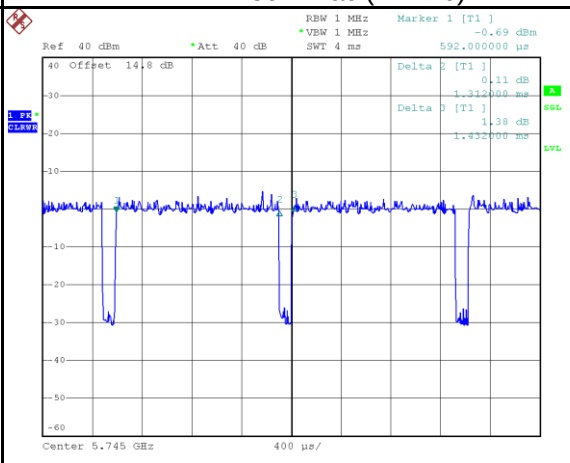
If duty cycle is ≥ 98 %, duty factor is not required.
If duty cycle is < 98 %, duty factor shall be considered.

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	1.376	1	1.376	1.504	91.49%	0.39
IEEE 802.11ac (VHT20)	1.312	1	1.312	1.432	91.62%	0.38
IEEE 802.11ac (VHT40)	0.628	1	0.628	0.760	82.63%	0.83
IEEE 802.11ac (VHT80)	0.292	1	0.292	0.424	68.87%	1.62

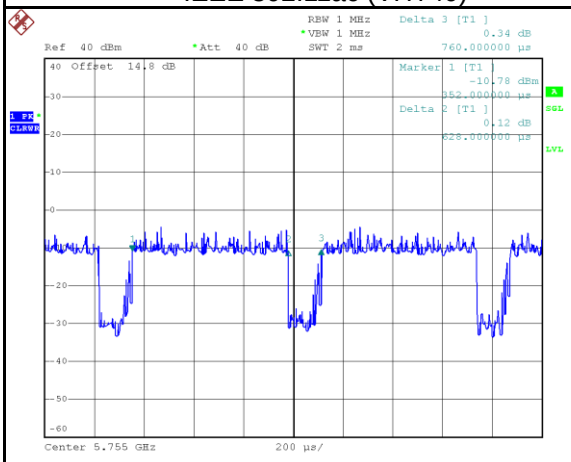
IEEE 802.11a



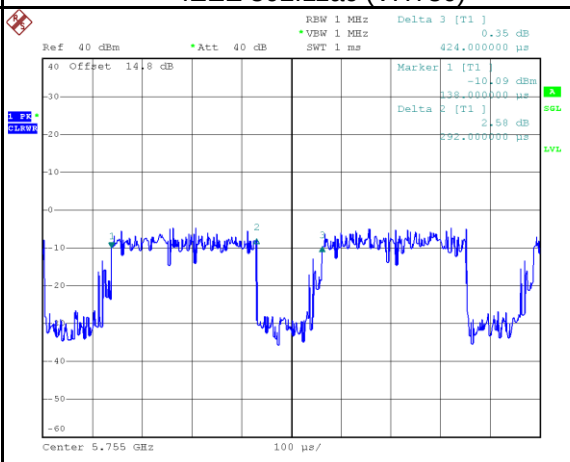
IEEE 802.11ac (VHT20)



IEEE 802.11ac (VHT40)



IEEE 802.11ac (VHT80)



2 GENERAL INFORMATION

2.1 DESCRIPTION OF EUT

Equipment	portable monitor
Model Name	RICOH Portable Monitor 150BW, RICOH Light Monitor 150BW
Brand Name	RICOH
Model Difference	Different model distribute to different area.
Power Source	DC voltage supplied from Type-C port or battery.
Power Rating	IP: DC 5V or 9 V or 15V⎓3 A or 20V⎓2.25A Max.
Products Covered	1 * Type-C Cable
Operation Band	UNII-3: 5725 MHz to 5850 MHz
Operation Frequency	UNII-3: 5745 MHz to 5825 MHz
Modulation Technology	OFDM, OFDMA
Transfer Rate	802.11a: 54/48/36/24/18/12/9/6 Mbps 802.11n: Up to 300 Mbps 802.11ac: Up to 866.7 Mbps
Output Power Max. for UNII-3	IEEE 802.11a: 12.53 dBm (0.0179 W) IEEE 802.11n (HT20): 12.43 dBm (0.0175 W) IEEE 802.11n (HT40): 11.76 dBm (0.0150 W) IEEE 802.11ac (VHT20): 12.56 dBm (0.0180 W) IEEE 802.11ac (VHT40): 11.75 dBm (0.0150 W) IEEE 802.11ac (VHT80): 12.16 dBm (0.0164 W)
Maximum Output Power for Straddle Channel	EEE 802.11a: 5.96 dBm (0.0039 W) IEEE 802.11n (HT20): 6.62 dBm (0.0046 W) IEEE 802.11n (HT40):2.98 dBm (0.0020 W) IEEE 802.11ac (VHT20): 6.53 dBm (0.0045 W) IEEE 802.11ac (VHT40): 2.94 dBm (0.0020 W) IEEE 802.11ac (VHT80): 0.54 dBm (0.0011 W)
Test Software Version	Tera Term V5.2
Test Model	RICOH Portable Monitor 150BW
Sample Status	Engineering Sample
EUT Modification(s)	N/A

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

(2) Channel List:

IEEE 802.11a IEEE 802.11n (HT20) IEEE 802.11ac (VHT20)		IEEE 802.11n (HT40) IEEE 802.11ac (VHT40)		IEEE 802.11ac (VHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
144	5720*	142	5710*	138	5690*
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

Note: * means this is a straddle channel.

(3) Table for Filed Antenna:

Ant.	Manufacturer	Part number	Type	Connector	Frequency (MHz)	Gain (dBi)
Main	Pulse	TZ22940	PIFA	NGFF	5725-5850	2.94
Aux	Pulse	TZ22950	PIFA	NGFF	5725-5850	1.21

NOTE:

(a) The EUT incorporates a MIMO function. Physically, the EUT provides two completed transmitters and receivers (2T2R).

(b) Directional Gain = 10log $[(10^{G1/20} + 10^{G2/20} + \ldots + 10^{Gn/20})^2/N_{ANT}]$ = 5.13 dBi < 6 dBi.
So, power spectral density and output power limits will not be reduced.

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

(5) Operating Mode and Antenna Configuration

Operating Mode \ TX Mode	2TX
IEEE 802.11a	V (Main +Aux)
IEEE 802.11n (HT20)	V (Main +Aux)
IEEE 802.11n (HT40)	V (Main +Aux)
IEEE 802.11ac (VHT20)	V (Main +Aux)
IEEE 802.11ac (VHT40)	V (Main +Aux)
IEEE 802.11ac (VHT80)	V (Main +Aux)

2.2 TEST MODES

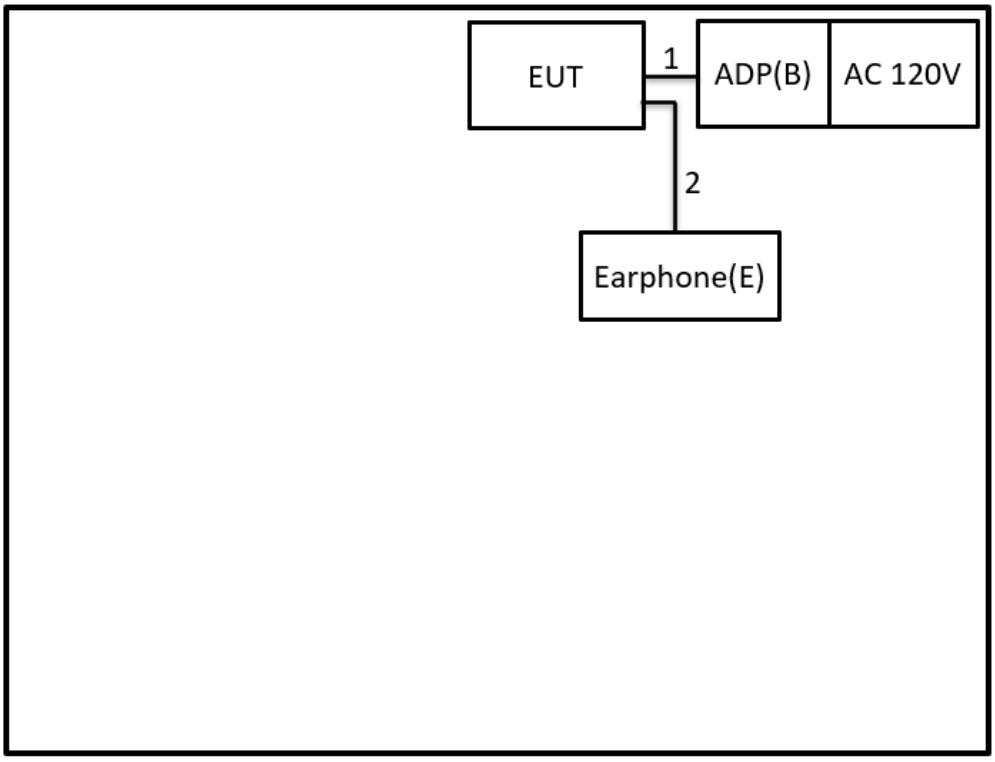
Test Items	Test mode	Channel	Note
AC power line conducted emissions	Normal/Idle	-	-
Transmitter Radiated Emissions (below 1GHz)	TX Mode_IEEE 802.11ac (VHT40)	159	-
Transmitter Radiated Emissions (above 1GHz)	TX Mode_IEEE 802.11a	149/165	Bandedge
	TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11ac (VHT40)	151/159	
	TX Mode_IEEE 802.11ac (VHT80)	155	
	TX Mode_IEEE 802.11a	144 149/157/165	Harmonic
	TX Mode_IEEE 802.11n (HT20)		
	TX Mode_IEEE 802.11n (HT40)	142 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	138 155	
Transmitter Radiated Emissions (above 18GHz)	TX Mode_IEEE 802.11ac (VHT40)	159	-
Bandwidth & Power Spectral Density	TX Mode_IEEE 802.11a	144 149/157/165	-
	TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11ac (VHT40)	142 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	138 155	
Output Power	TX Mode_IEEE 802.11a	144 149/157/165	-
	TX Mode_IEEE 802.11n (HT20) TX Mode_IEEE 802.11ac (VHT20)		
	TX Mode_IEEE 802.11n (HT40) TX Mode_IEEE 802.11ac (VHT40)	142 151/159	
	TX Mode_IEEE 802.11ac (VHT80)	138 155	

NOTE:
(1) For radiated emission band edge test, both Vertical and Horizontal are evaluated, but only the worst case (Vertical) is recorded.
(2) All X, Y and Z axes are evaluated, but only the worst case (Y axis) is recorded.

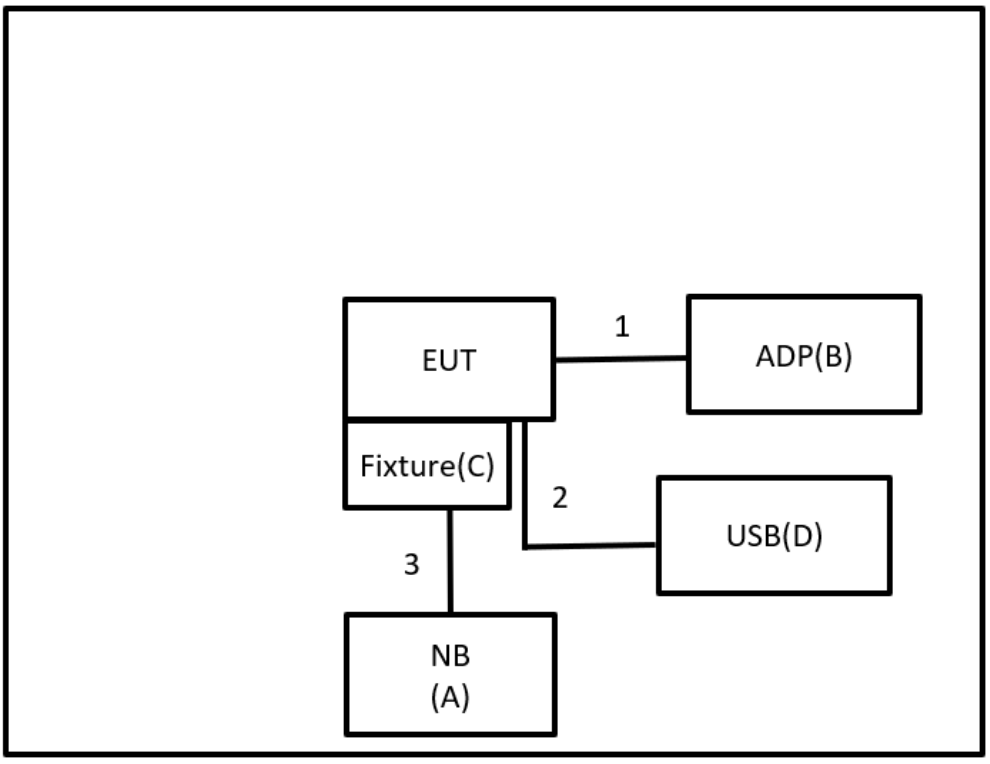
2.3 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED

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	NB	HP	TPN-I119	N/A	Supplied by test requester
B	ADP	XIAOMI	AD652G	N/A	Furnished by test lab.
C	Fixture	Taiwaniot	CP2102	N/A	Supplied by test requester
D	USB	ADATA	UV150	N/A	Supplied by test requester
E	Earphone	Redmi	M2231E1	N/A	Furnished by test lab.

Item	Shielded	Ferrite Core	Length	Cable Type	Remarks
1	N/A	N/A	1m	USB-C Cable	Supplied by test requester
2	N/A	N/A	0.5m	USB-C to USB 3.0 Adapter	Furnished by test lab.
3	N/A	N/A	1m	USB extension Cable	Furnished by test lab.

3 AC POWER LINE CONDUCTED EMISSIONS TEST

3.1 LIMIT

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

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

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

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

The following table is the setting of the receiver.

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

3.2 TEST PROCEDURE

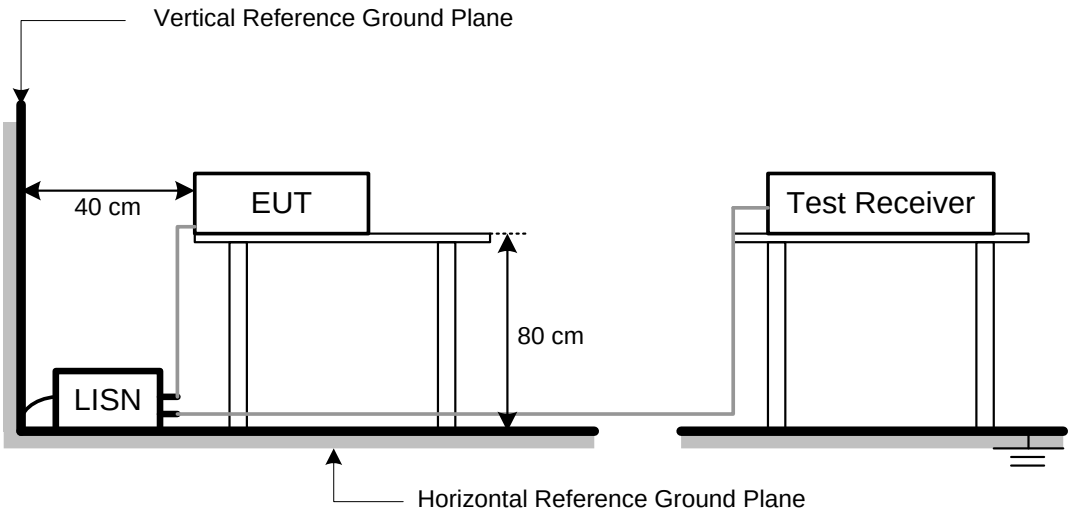
a. The EUT was placed 0.8 m above the horizontal ground plane with the EUT being connected to the power mains through a line impedance stabilization network (LISN).
All other support equipment were powered from an additional LISN(s).
The LISN provides 50 Ohm/50uH of impedance for the measuring instrument.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

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

3.3 DEVIATION FROM TEST STANDARD

No deviation.

3.4 TEST SETUP



3.5 EUT OPERATION CONDITIONS

The EUT was configured for testing in a typical function (as a customer would normally use it), EUT was programmed to be in continuously transmitting/receiving data or hopping on mode.

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

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

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

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

4.2 TEST PROCEDURE

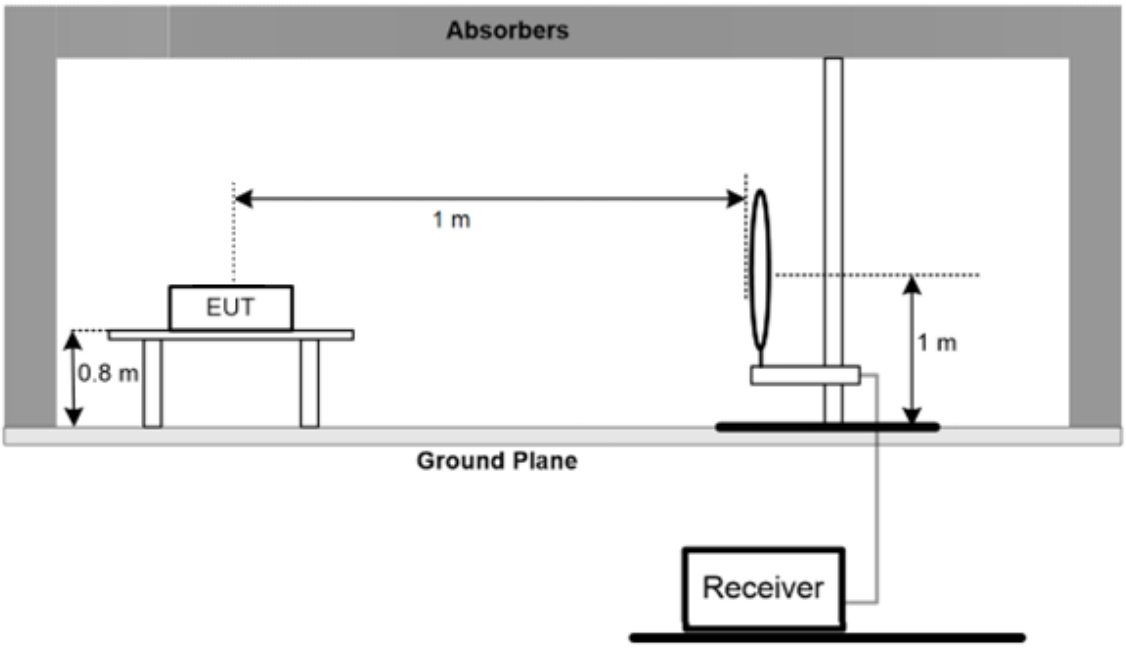
a. The measuring distance of 1 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 30MHz)
b. The measuring distance 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)
c. 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)
d. 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.
e. 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).
f. 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.
g. 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.
h. 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)
i. 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)
j. For the actual test configuration, please refer to the related Item – EUT TEST PHOTO.

4.3 DEVIATION FROM TEST STANDARD

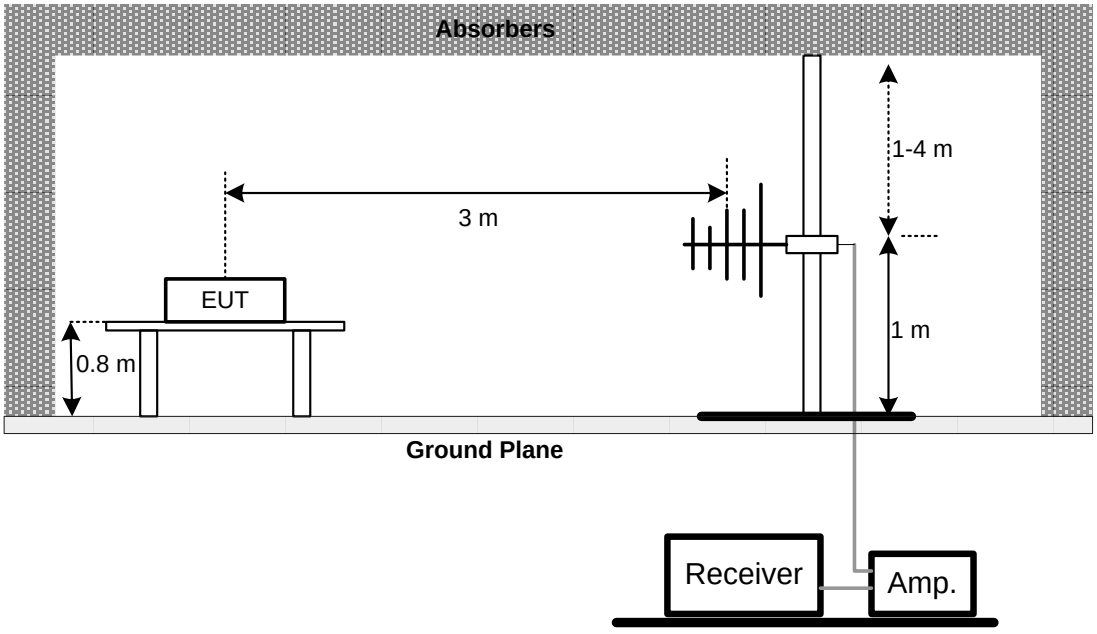
No deviation.

4.4 TEST SETUP

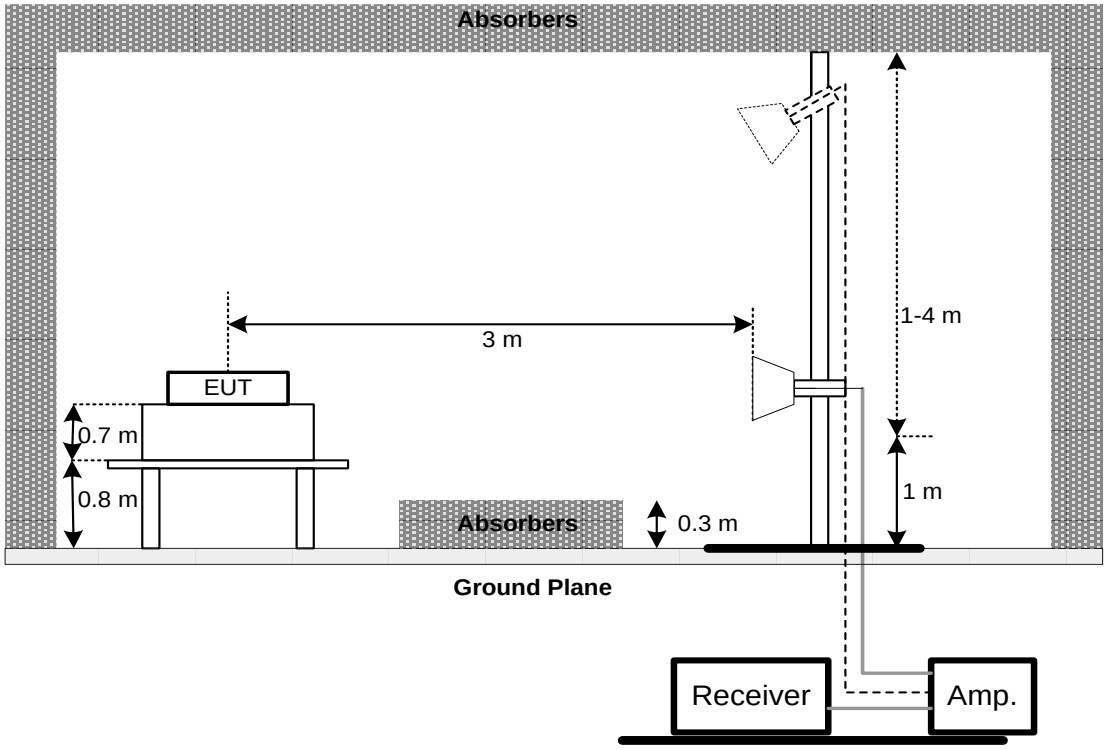
9 kHz to 30 MHz



30 MHz to 1 GHz



Above 1 GHz



4.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

4.6 TEST RESULT – 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

4.7 TEST RESULT – 30 MHZ TO 1 GHZ

Please refer to the APPENDIX C.

4.8 TEST RESULT – ABOVE 1 GHZ

Please refer to the APPENDIX D.

NOTE:

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

5 BANDWIDTH TEST

5.1 LIMIT

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

5.2 TEST PROCEDURE

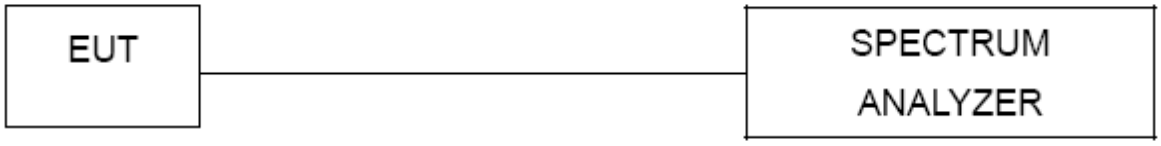
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting:

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 E.

6 OUTPUT POWER TEST

6.1 LIMIT

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 (24 dBm)	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

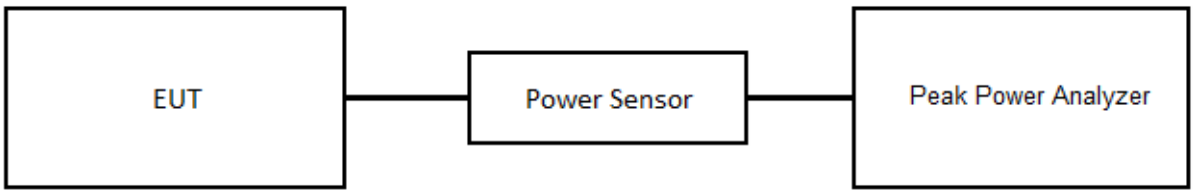
a. The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.

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

6.3 DEVIATION FROM TEST STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATING CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULT

Please refer to the APPENDIX F.

7 POWER SPECTRAL DENSITY

7.1 LIMIT

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

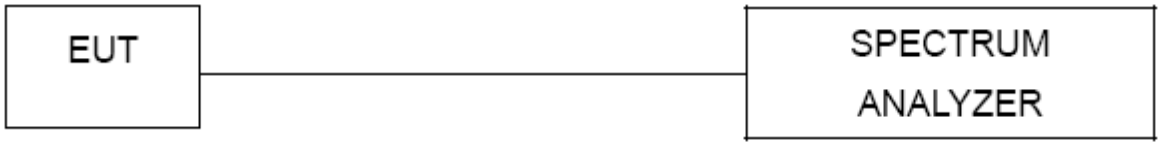
a. The EUT was directly connected to the spectrum analyzer and antenna output port as show in the block diagram below.
b. Spectrum Setting:

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 G.

8 LIST OF MEASURING EQUIPMENTS

AC Power Line Conducted Emissions						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	TWO-LINE V-NETWORK	R&S	ENV216	101521	2024/9/5	2025/9/4
2	Test Cable	EMCI	EMCCFD300-BM-BMR-5000	220331	2024/3/30	2025/3/29
3	EMI Test Receiver	R&S	ESR 7	101433	2024/11/7	2025/11/6
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	EMC118A45SE	980819	2024/3/6	2025/3/5
2	Pre-Amplifier	EMCI	EMC184045SE	980907	2024/9/4	2025/9/3
3	Preamplifier	EMCI	EMC001340	980579	2024/9/4	2025/9/3
4	Test Cable	EMCI	EMC104-SM-1000	180809	2024/3/8	2025/3/7
5	Test Cable	EMCI	EMC104-SM-SM-3000	220322	2024/3/8	2025/3/7
6	Test Cable	EMCI	EMC104-SM-SM-7000	220324	2024/3/8	2025/3/7
7	EXA Signal Analyzer	keysight	N9020B	MY57120120	2024/2/23	2025/2/22
8	Loop Ant	Electro-Metrics	EMCI-LPA600	291	2024/9/9	2025/9/8
9	Horn Antenna	RFSPIN	DRH18-E	211202A18EN	2024/5/9	2025/5/8
10	Horn Ant	Schwarzbeck	BBHA 9170D	1136	2024/5/17	2025/5/16
11	Log-bicon Antenna	Schwarzbeck	VULB9168	1369	2024/6/14	2025/6/13
12	6dB Attenuator	EMCI	EMCI-N-6-06	AT-06001	2024/6/14	2025/6/13
13	Test Cable	EMCI	EMC101G-KM-KM-3000	220329	2024/3/13	2025/3/12
14	Test Cable	EMCI	EMC102-KM-KM-1000	220327	2024/3/13	2025/3/12
15	Measurement Software	EZ	EZ_EMC (Version NB-03A1-01)	N/A	N/A	N/A

Bandwidth						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2024/3/27	2025/3/26

Output Power						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Peak Power Analyzer	Keysight	8990B	MY51000517	2024/3/12	2025/3/11
2	Power Sensor	Keysight	N1923A	MY58310005	2024/3/12	2025/3/11

Power Spectral Density						
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated Date	Calibrated Until
1	Spectrum Analyzer	R&S	FSP 40	100129	2024/3/27	2025/3/26

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

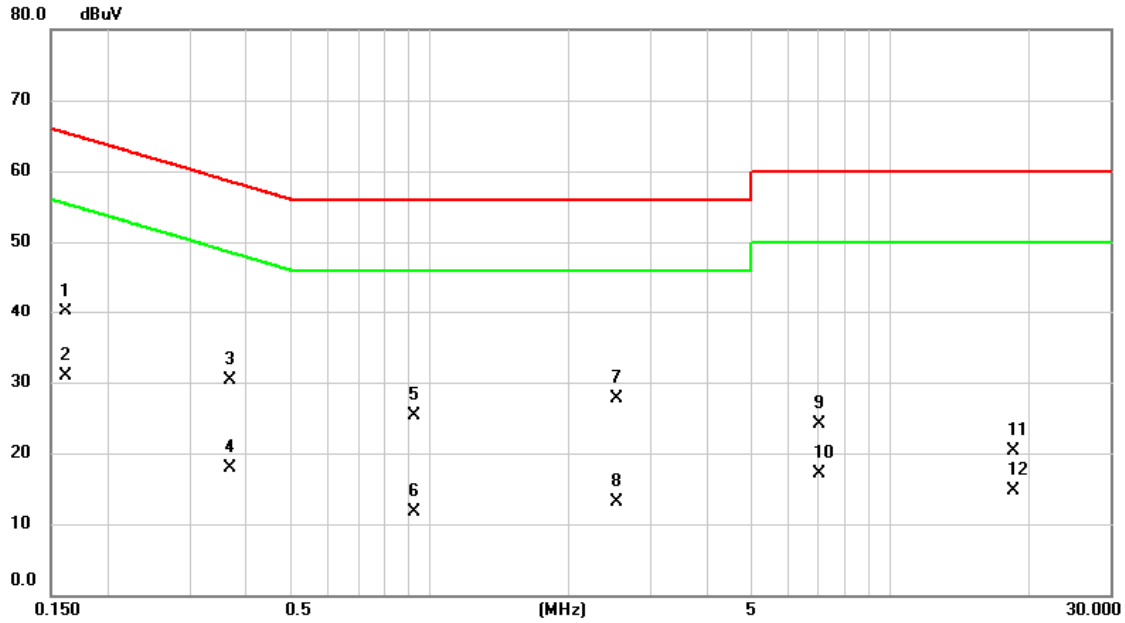
Please refer to document Appendix No.: TP-2207T020A-FCCP-1 (APPENDIX-TEST PHOTOS).

10 EUT PHOTOS

Please refer to document Appendix No.: EP-2207T020A-1 (APPENDIX-EUT PHOTOS).

APPENDIX A AC POWER LINE CONDUCTED EMISSIONS

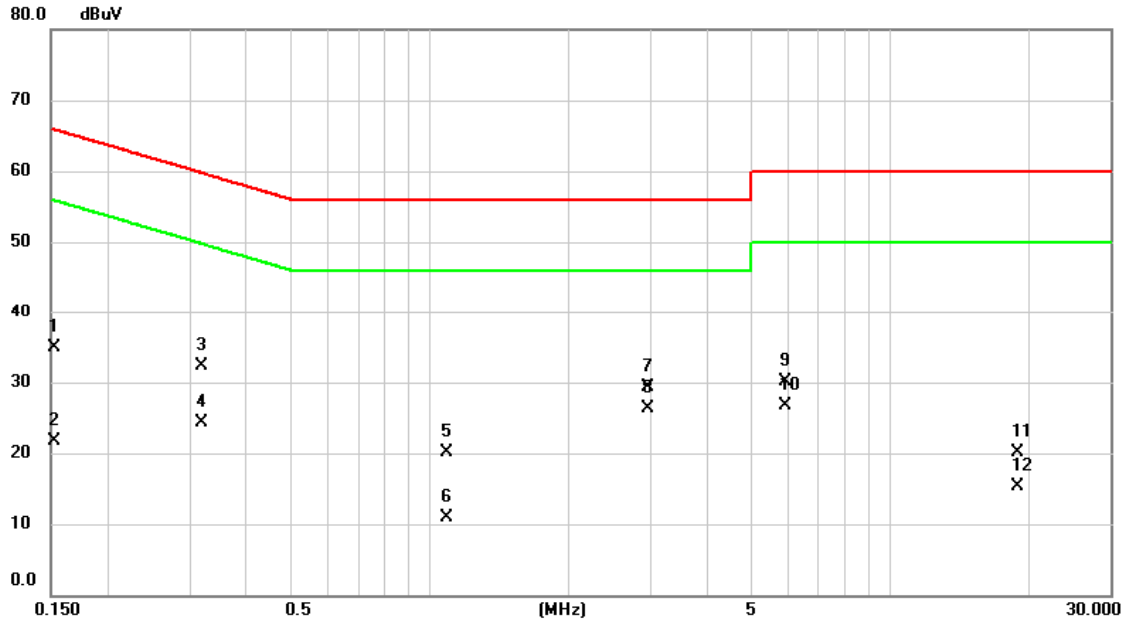
Test Mode	Normal	Tested Date	2024/12/3
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1612	30.39	9.67	40.06	65.40	-25.34	QP	
2	*	0.1612	21.31	9.67	30.98	55.40	-24.42	AVG	
3		0.3682	20.75	9.59	30.34	58.54	-28.20	QP	
4		0.3682	8.30	9.59	17.89	48.54	-30.65	AVG	
5		0.9217	15.69	9.56	25.25	56.00	-30.75	QP	
6		0.9217	2.05	9.56	11.61	46.00	-34.39	AVG	
7		2.5462	18.13	9.60	27.73	56.00	-28.27	QP	
8		2.5462	3.49	9.60	13.09	46.00	-32.91	AVG	
9		7.0012	14.41	9.70	24.11	60.00	-35.89	QP	
10		7.0012	7.40	9.70	17.10	50.00	-32.90	AVG	
11		18.5460	10.54	9.74	20.28	60.00	-39.72	QP	
12		18.5460	4.93	9.74	14.67	50.00	-35.33	AVG	

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

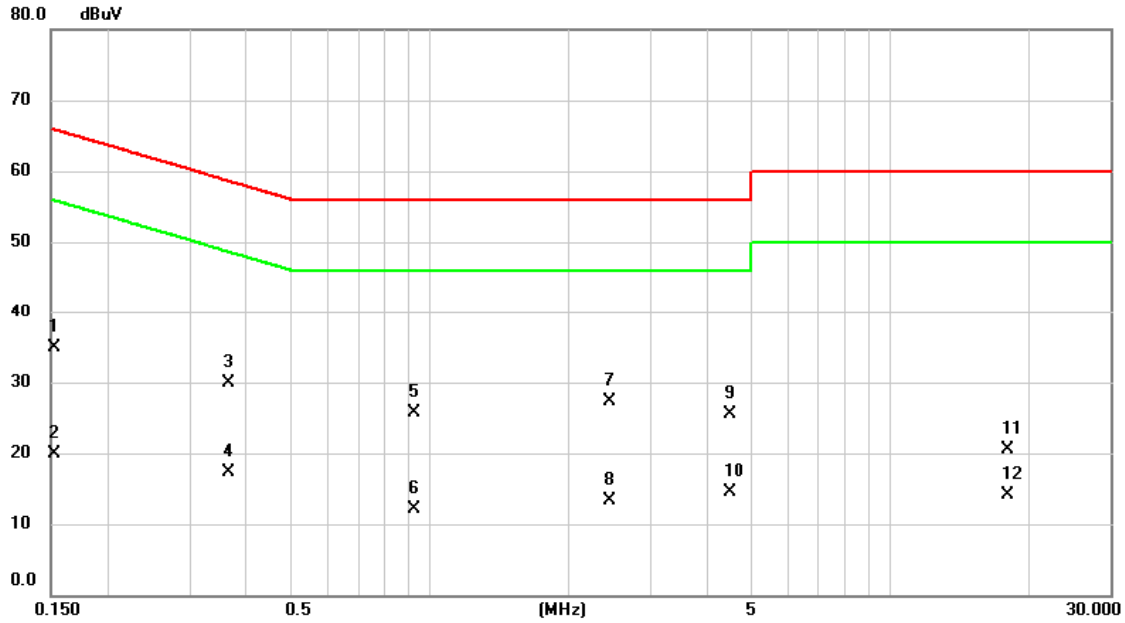
Test Mode	Normal	Tested Date	2024/12/3
Test Frequency	-	Phase	Neutral



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1522	25.34	9.66	35.00	65.88	-30.88	QP	
2		0.1522	12.09	9.66	21.75	55.88	-34.13	AVG	
3		0.3187	22.67	9.59	32.26	59.74	-27.48	QP	
4		0.3187	14.76	9.59	24.35	49.74	-25.39	AVG	
5		1.0860	10.51	9.55	20.06	56.00	-35.94	QP	
6		1.0860	1.41	9.55	10.96	46.00	-35.04	AVG	
7		2.9670	19.70	9.66	29.36	56.00	-26.64	QP	
8	*	2.9670	16.63	9.66	26.29	46.00	-19.71	AVG	
9		5.9325	20.42	9.74	30.16	60.00	-29.84	QP	
10		5.9325	16.97	9.74	26.71	50.00	-23.29	AVG	
11		18.9533	10.33	9.82	20.15	60.00	-39.85	QP	
12		18.9533	5.57	9.82	15.39	50.00	-34.61	AVG	

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

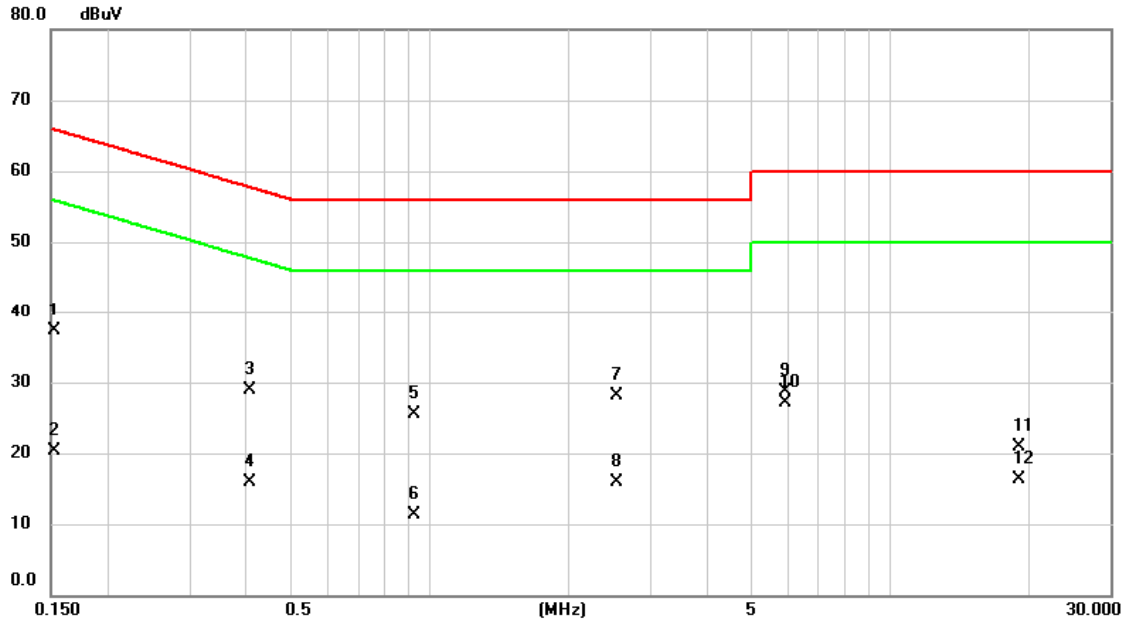
Test Mode	Idle	Tested Date	2024/12/3
Test Frequency	-	Phase	Line



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1522	25.25	9.68	34.93	65.88	-30.95	QP	
2		0.1522	10.17	9.68	19.85	55.88	-36.03	AVG	
3		0.3660	20.30	9.59	29.89	58.59	-28.70	QP	
4		0.3660	7.71	9.59	17.30	48.59	-31.29	AVG	
5		0.9217	16.06	9.56	25.62	56.00	-30.38	QP	
6		0.9217	2.46	9.56	12.02	46.00	-33.98	AVG	
7	*	2.4540	17.72	9.59	27.31	56.00	-28.69	QP	
8		2.4540	3.74	9.59	13.33	46.00	-32.67	AVG	
9		4.4543	15.73	9.71	25.44	56.00	-30.56	QP	
10		4.4543	4.81	9.71	14.52	46.00	-31.48	AVG	
11		18.0015	10.71	9.74	20.45	60.00	-39.55	QP	
12		18.0015	4.45	9.74	14.19	50.00	-35.81	AVG	

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

Test Mode	Idle	Tested Date	2024/12/3
Test Frequency	-	Phase	Neutral

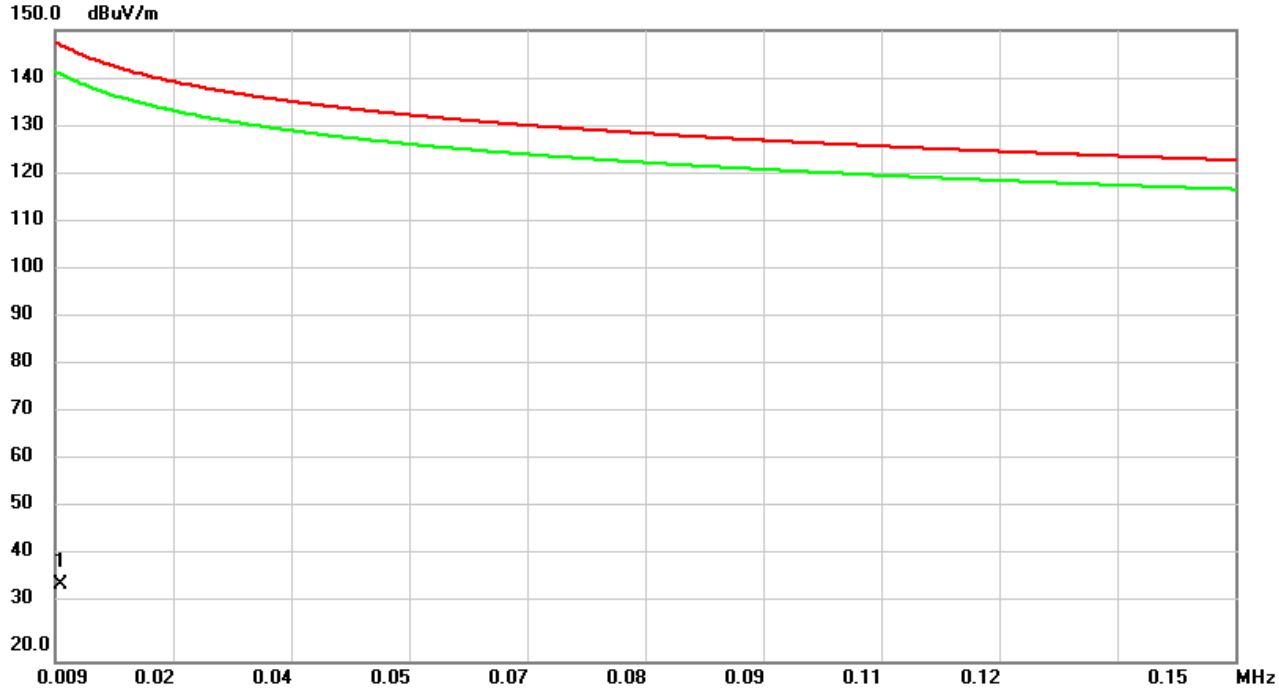


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Margin		
		MHz	dBuV	dB	dBuV	dBuV	dB	Detector	Comment
1		0.1522	27.58	9.66	37.24	65.88	-28.64	QP	
2		0.1522	10.57	9.66	20.23	55.88	-35.65	AVG	
3		0.4065	19.43	9.57	29.00	57.72	-28.72	QP	
4		0.4065	6.24	9.57	15.81	47.72	-31.91	AVG	
5		0.9217	15.95	9.55	25.50	56.00	-30.50	QP	
6		0.9217	1.71	9.55	11.26	46.00	-34.74	AVG	
7		2.5463	18.42	9.61	28.03	56.00	-27.97	QP	
8		2.5463	6.29	9.61	15.90	46.00	-30.10	AVG	
9		5.9370	19.02	9.74	28.76	60.00	-31.24	QP	
10	*	5.9370	17.34	9.74	27.08	50.00	-22.92	AVG	
11		19.0005	11.14	9.82	20.96	60.00	-39.04	QP	
12		19.0005	6.43	9.82	16.25	50.00	-33.75	AVG	

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

APPENDIX B RADIATED EMISSIONS - 9 KHZ TO 30 MHZ

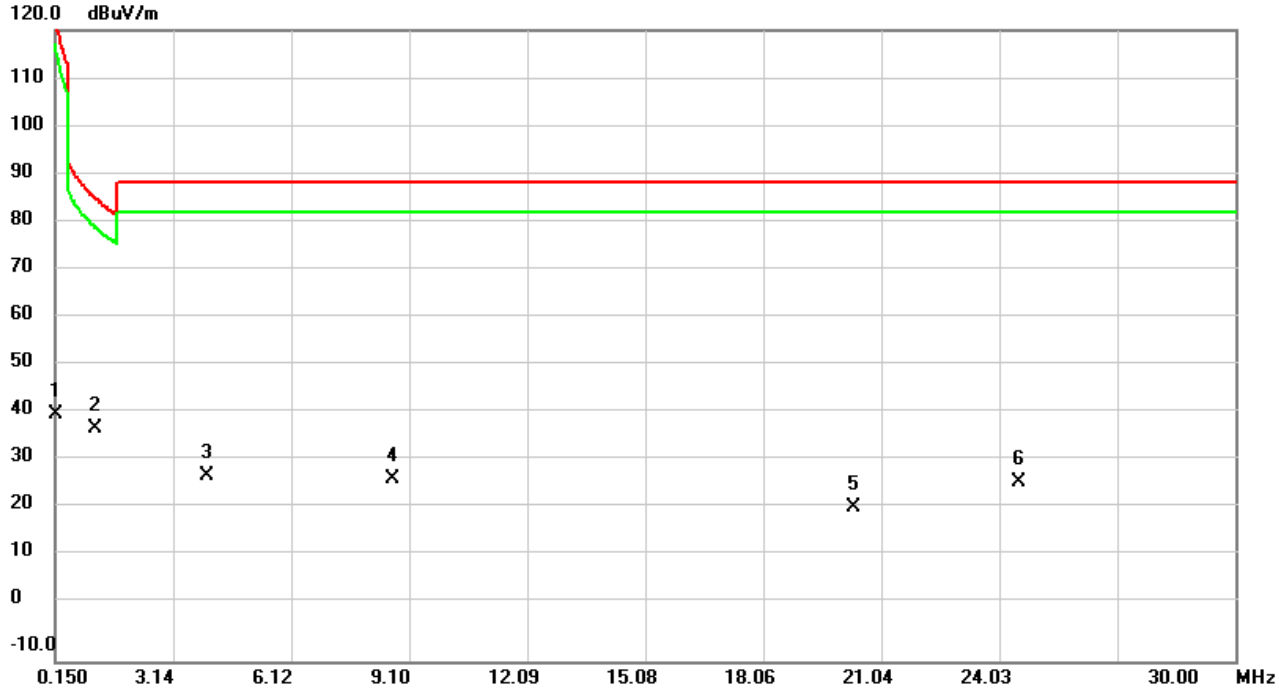
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0096	-0.02	35.80	35.78	147.04	-111.26	AVG	

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

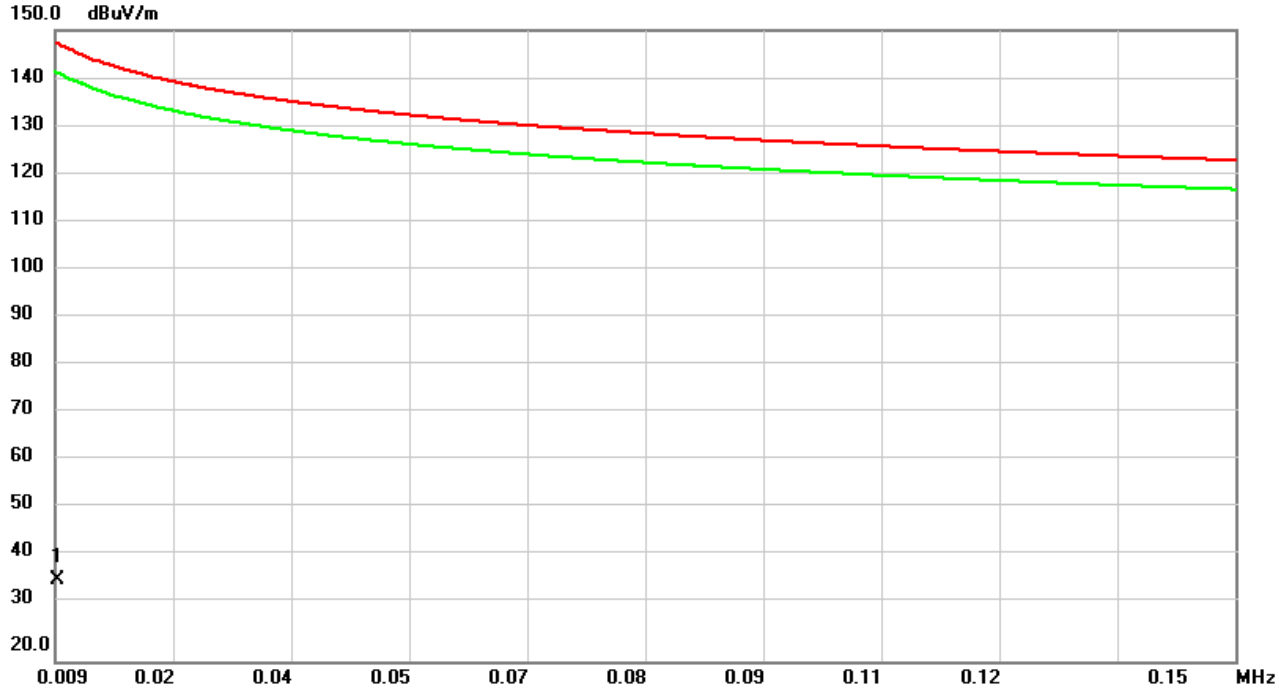
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.1500	27.04	13.96	41.00	123.16	-82.16	AVG	
2	*	1.1580	37.90	-0.10	37.80	85.40	-47.60	QP	
3		3.9837	32.25	-4.08	28.17	88.62	-60.45	QP	
4		8.6750	30.94	-3.38	27.56	88.62	-61.06	QP	
5		20.3544	25.70	-3.90	21.80	88.62	-66.82	QP	
6		24.5373	29.84	-3.10	26.74	88.62	-61.88	QP	

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

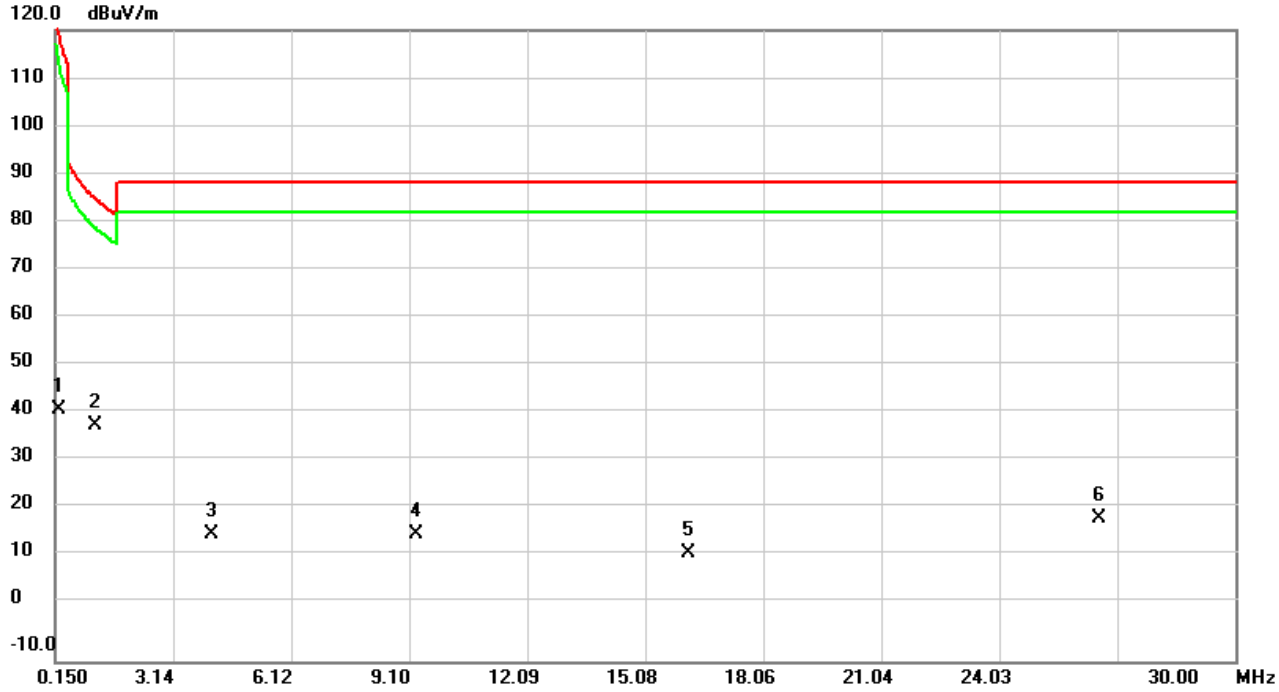
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.0093	0.87	35.92	36.79	147.32	-110.53	AVG	

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%

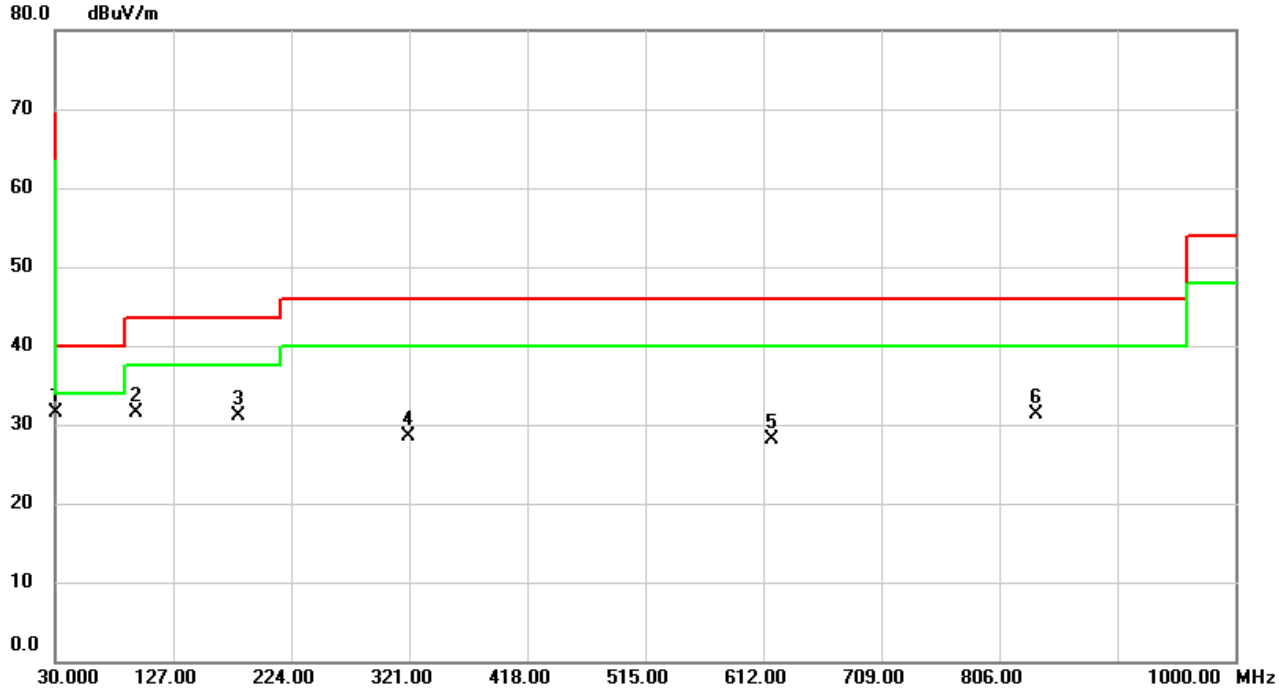


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		0.2345	31.60	10.24	41.84	119.28	-77.44	AVG	
2	*	1.1808	38.81	-0.14	38.67	85.23	-46.56	QP	
3		4.1250	20.22	-4.12	16.10	88.62	-72.52	QP	
4		9.2701	19.53	-3.22	16.31	88.62	-72.31	QP	
5		16.1694	15.92	-3.62	12.30	88.62	-76.32	QP	
6		26.5672	22.19	-2.71	19.48	88.62	-69.14	QP	

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

APPENDIX C RADIATED EMISSIONS - 30 MHZ TO 1 GHZ

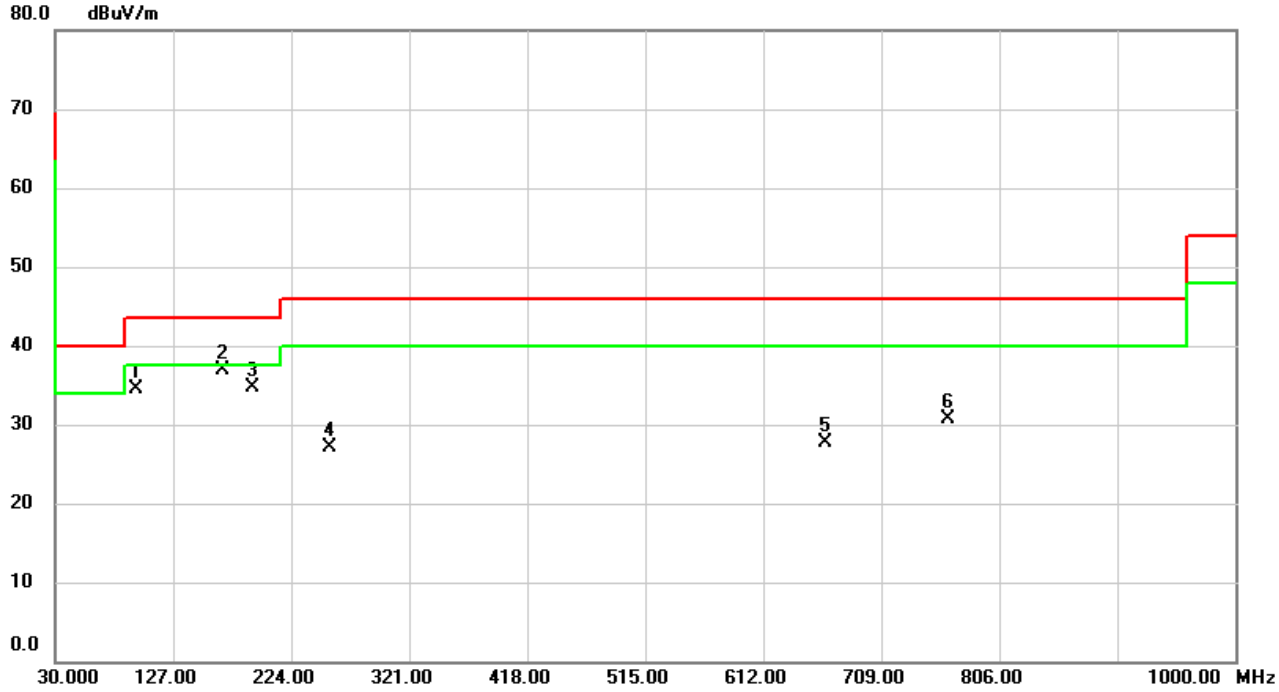
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	30.0000	44.94	-13.43	31.51	40.00	-8.49	peak	
2		96.0245	48.87	-17.27	31.60	43.50	-11.90	peak	
3		181.1583	44.64	-13.62	31.02	43.50	-12.48	peak	
4		320.2886	39.52	-10.99	28.53	46.00	-17.47	peak	
5		618.5636	32.13	-3.94	28.19	46.00	-17.81	peak	
6		836.0700	32.13	-0.90	31.23	46.00	-14.77	peak	

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%

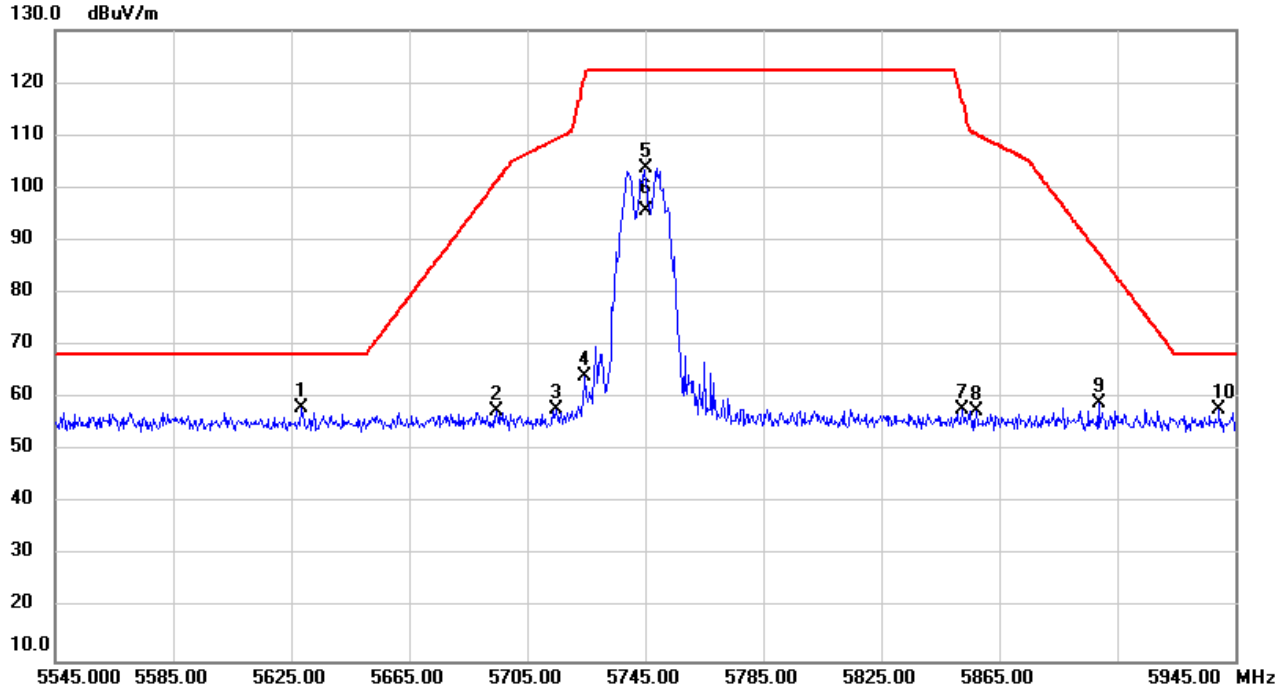


No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		96.0245	51.75	-17.27	34.48	43.50	-9.02	peak	
2	*	167.9663	49.31	-12.41	36.90	43.50	-6.60	peak	
3		192.0223	49.62	-14.84	34.78	43.50	-8.72	peak	
4		255.9776	40.15	-13.11	27.04	46.00	-18.96	peak	
5		663.6686	30.86	-3.21	27.65	46.00	-18.35	peak	
6		763.7080	32.28	-1.63	30.65	46.00	-15.35	peak	

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

APPENDIX D RADIATED EMISSIONS - ABOVE 1 GHZ

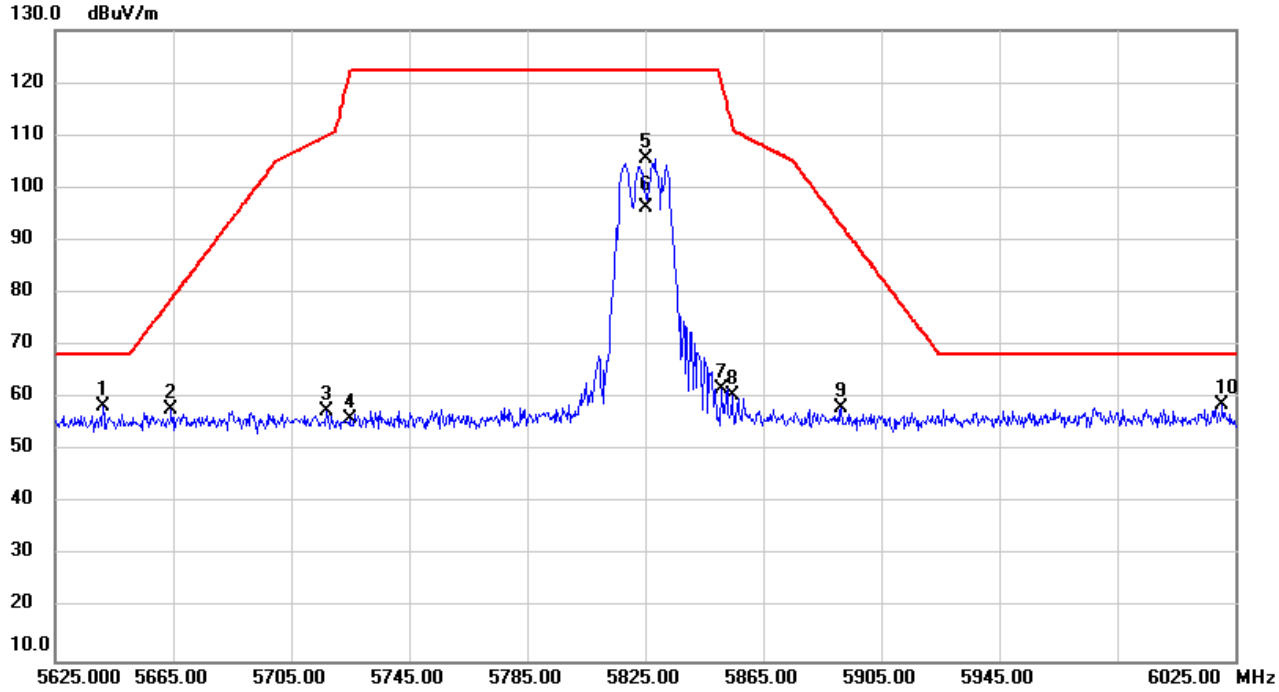
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5745MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5628.733	56.18	2.00	58.18	68.20	-10.02	peak	
2		5694.733	55.44	2.22	57.66	101.32	-43.66	peak	
3		5714.787	55.63	2.28	57.91	109.34	-51.43	peak	
4		5724.413	61.75	2.31	64.06	120.86	-56.80	peak	
5		5745.000	101.28	2.38	103.66	122.20	-18.54	peak	NoLimit
6		5745.000	93.24	2.38	95.62	122.20	-26.58	AVG	NoLimit
7		5852.507	55.01	2.74	57.75	116.48	-58.73	peak	
8		5857.107	54.83	2.75	57.58	110.21	-52.63	peak	
9		5898.787	56.21	2.89	59.10	87.56	-28.46	peak	
10		5939.427	54.80	3.03	57.83	68.20	-10.37	peak	

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

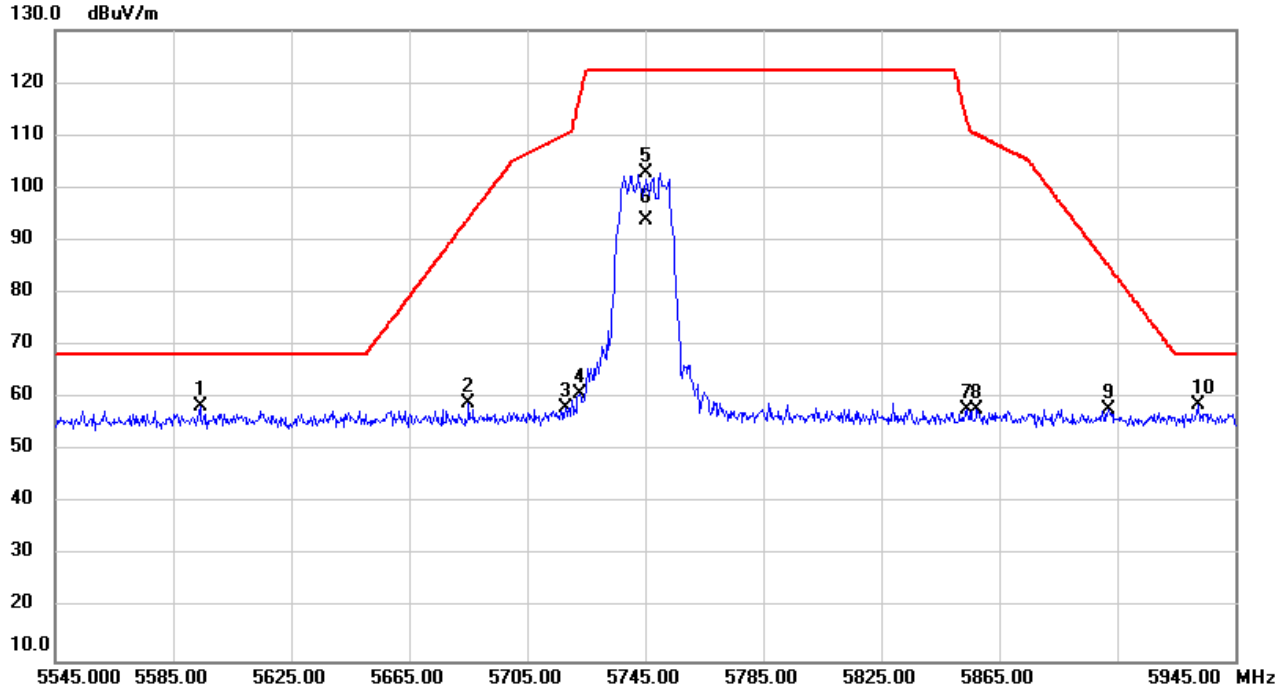
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5825MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5641.187	56.26	2.05	58.31	68.20	-9.89	peak	
2		5664.453	55.63	2.12	57.75	78.93	-21.18	peak	
3		5717.133	55.25	2.30	57.55	110.00	-52.45	peak	
4		5724.747	53.74	2.31	56.05	121.62	-65.57	peak	
5		5825.000	103.00	2.65	105.65	122.20	-16.55	peak	NoLimit
6		5825.000	93.69	2.65	96.34	122.20	-25.86	AVG	NoLimit
7		5850.880	59.11	2.72	61.83	120.19	-58.36	peak	
8		5854.560	57.94	2.74	60.68	111.80	-51.12	peak	
9		5891.613	55.21	2.87	58.08	92.87	-34.79	peak	
10	*	6020.640	55.50	3.34	58.84	68.20	-9.36	peak	

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

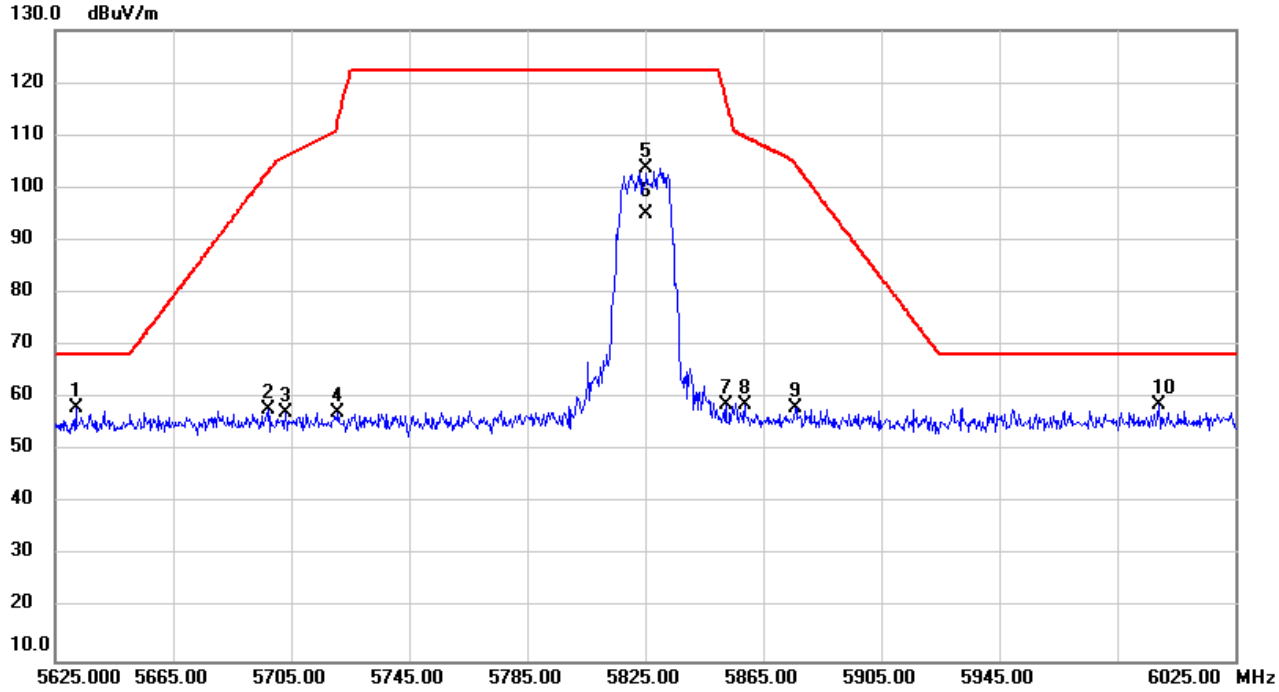
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5745MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5594.080	56.45	1.89	58.34	68.20	-9.86	peak	
2		5685.200	56.78	2.19	58.97	94.28	-35.31	peak	
3		5717.947	55.77	2.30	58.07	110.23	-52.16	peak	
4		5722.960	58.43	2.31	60.74	117.55	-56.81	peak	
5		5745.000	100.45	2.38	102.83	122.20	-19.37	peak	NoLimit
6		5745.000	91.53	2.38	93.91	122.20	-28.29	AVG	NoLimit
7		5854.093	55.00	2.74	57.74	112.87	-55.13	peak	
8		5857.520	55.04	2.75	57.79	110.09	-52.30	peak	
9		5901.827	55.09	2.90	57.99	85.31	-27.32	peak	
10	*	5932.587	55.62	3.00	58.62	68.20	-9.58	peak	

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

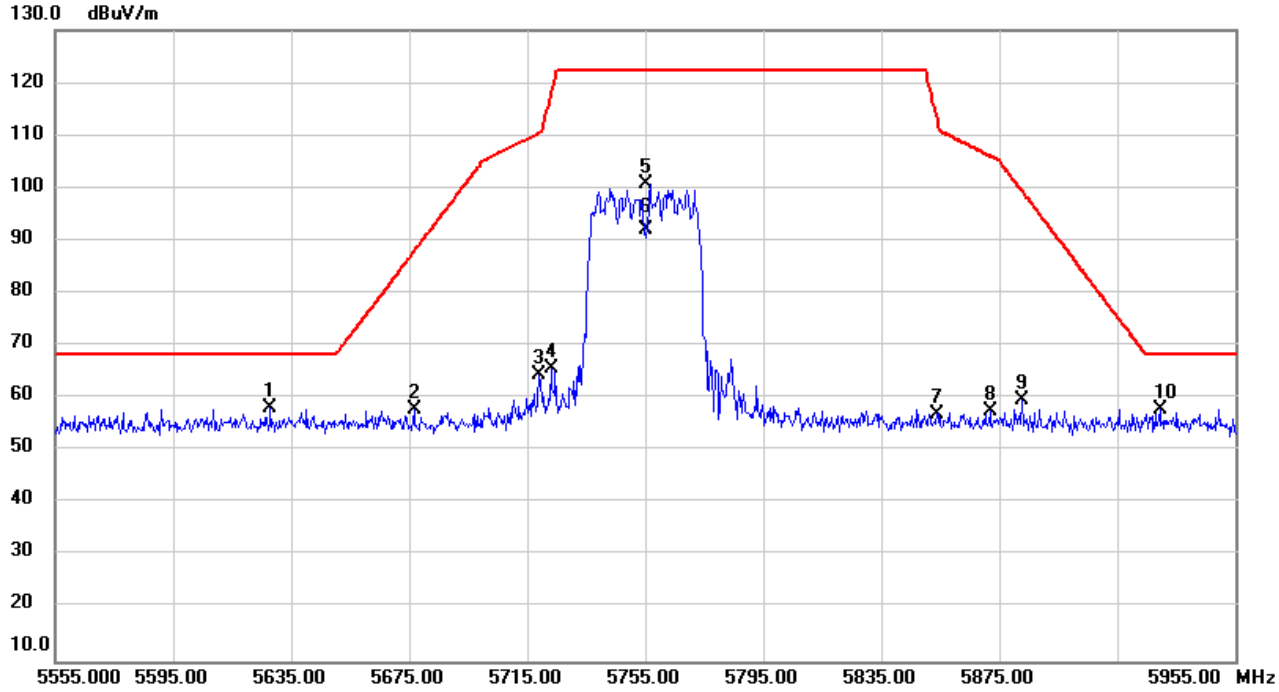
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5825MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5632.093	56.09	2.02	58.11	68.20	-10.09	peak	
2		5697.200	55.47	2.23	57.70	103.14	-45.44	peak	
3		5703.280	54.90	2.25	57.15	106.12	-48.97	peak	
4		5720.933	55.04	2.31	57.35	112.93	-55.58	peak	
5		5825.000	100.97	2.65	103.62	122.20	-18.58	peak	NoLimit
6		5825.000	92.55	2.65	95.20	122.20	-27.00	AVG	NoLimit
7		5852.520	55.87	2.74	58.61	116.45	-57.84	peak	
8		5858.920	55.99	2.75	58.74	109.70	-50.96	peak	
9		5875.880	55.45	2.82	58.27	104.55	-46.28	peak	
10	*	5999.093	55.46	3.22	58.68	68.20	-9.52	peak	

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

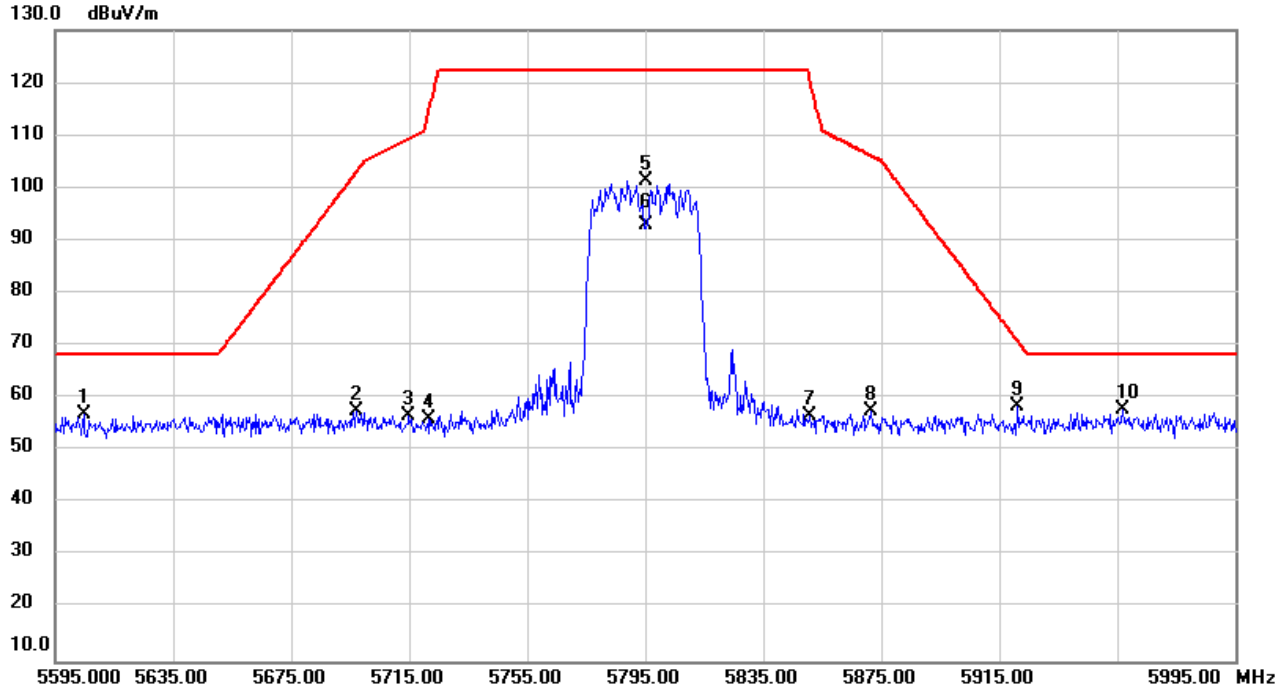
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5755MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5627.840	56.26	2.00	58.26	68.20	-9.94	peak	
2		5676.667	55.55	2.16	57.71	87.97	-30.26	peak	
3		5719.093	62.17	2.30	64.47	110.55	-46.08	peak	
4		5723.293	63.38	2.31	65.69	118.31	-52.62	peak	
5		5755.000	98.19	2.42	100.61	122.20	-21.59	peak	NoLimit
6		5755.000	89.65	2.42	92.07	122.20	-30.13	AVG	NoLimit
7		5853.787	54.28	2.74	57.02	113.56	-56.54	peak	
8		5871.987	54.78	2.80	57.58	106.04	-48.46	peak	
9		5882.800	56.78	2.84	59.62	99.41	-39.79	peak	
10		5929.613	54.98	3.00	57.98	68.20	-10.22	peak	

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

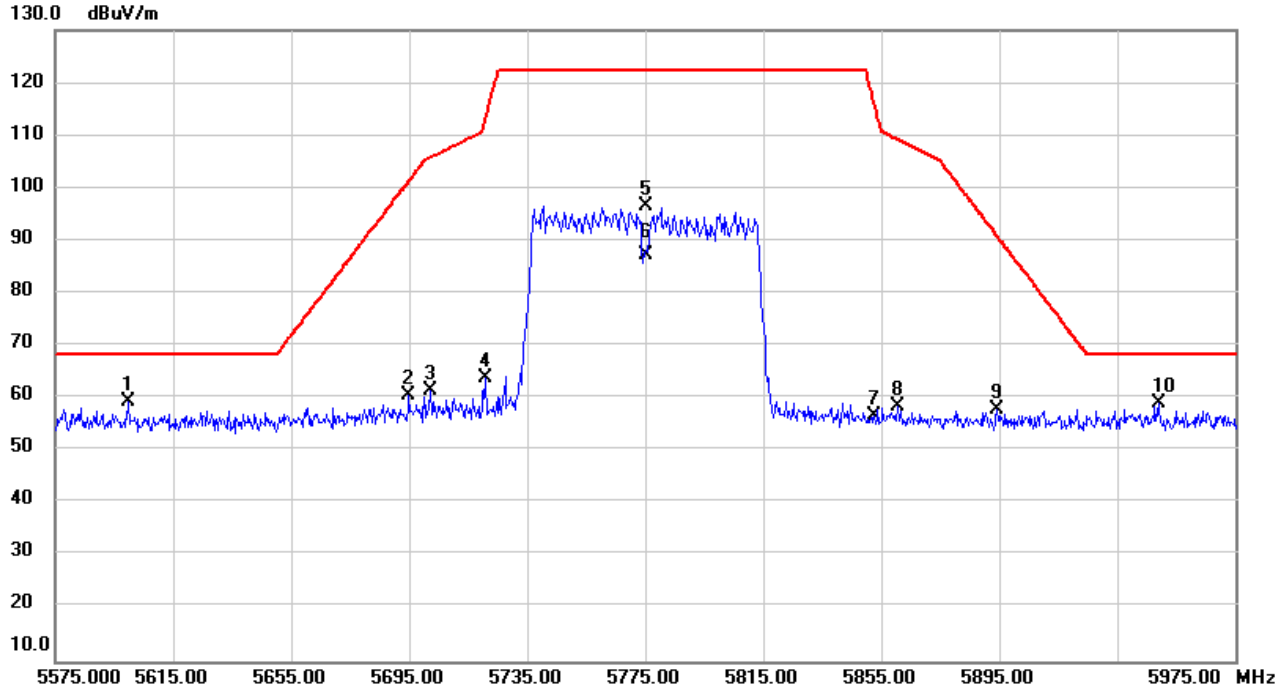
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		5604.747	55.08	1.92	57.00	68.20	-11.20	peak	
2		5697.240	55.23	2.23	57.46	103.17	-45.71	peak	
3		5714.760	54.41	2.28	56.69	109.33	-52.64	peak	
4		5721.587	53.67	2.31	55.98	114.42	-58.44	peak	
5		5795.000	98.74	2.55	101.29	122.20	-20.91	peak	NoLimit
6		5795.000	90.43	2.55	92.98	122.20	-29.22	AVG	NoLimit
7		5850.707	53.79	2.72	56.51	120.59	-64.08	peak	
8		5871.413	54.69	2.80	57.49	106.20	-48.71	peak	
9		5921.027	55.58	2.97	58.55	71.13	-12.58	peak	
10	*	5956.787	54.67	3.08	57.75	68.20	-10.45	peak	

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

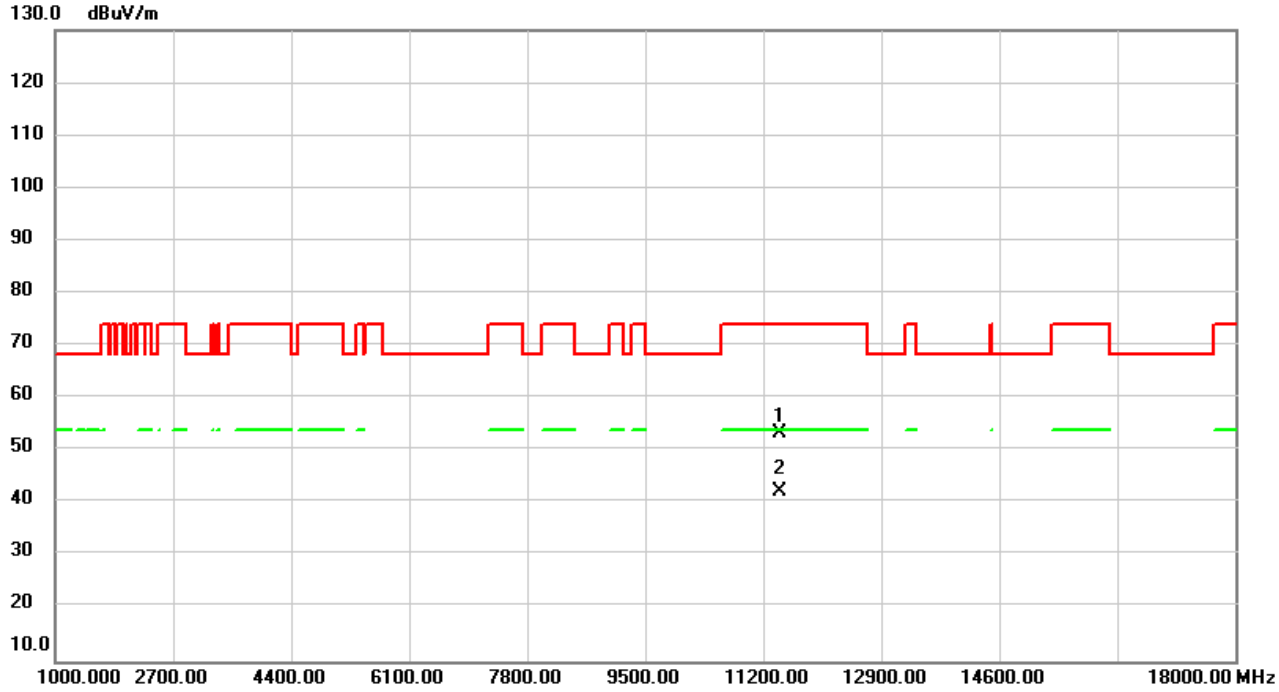
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/12/2
Test Frequency	5775MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	5599.680	57.53	1.90	59.43	68.20	-8.77	peak	
2		5694.720	58.25	2.22	60.47	101.31	-40.84	peak	
3		5702.347	59.27	2.25	61.52	105.86	-44.34	peak	
4		5720.933	61.45	2.31	63.76	112.93	-49.17	peak	
5		5775.000	94.17	2.49	96.66	122.20	-25.54	peak	NoLimit
6		5775.000	84.67	2.49	87.16	122.20	-35.04	AVG	NoLimit
7		5852.760	54.06	2.74	56.80	115.91	-59.11	peak	
8		5860.400	55.77	2.75	58.52	109.29	-50.77	peak	
9		5894.333	54.85	2.88	57.73	90.86	-33.13	peak	
10		5948.880	55.87	3.06	58.93	68.20	-9.27	peak	

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

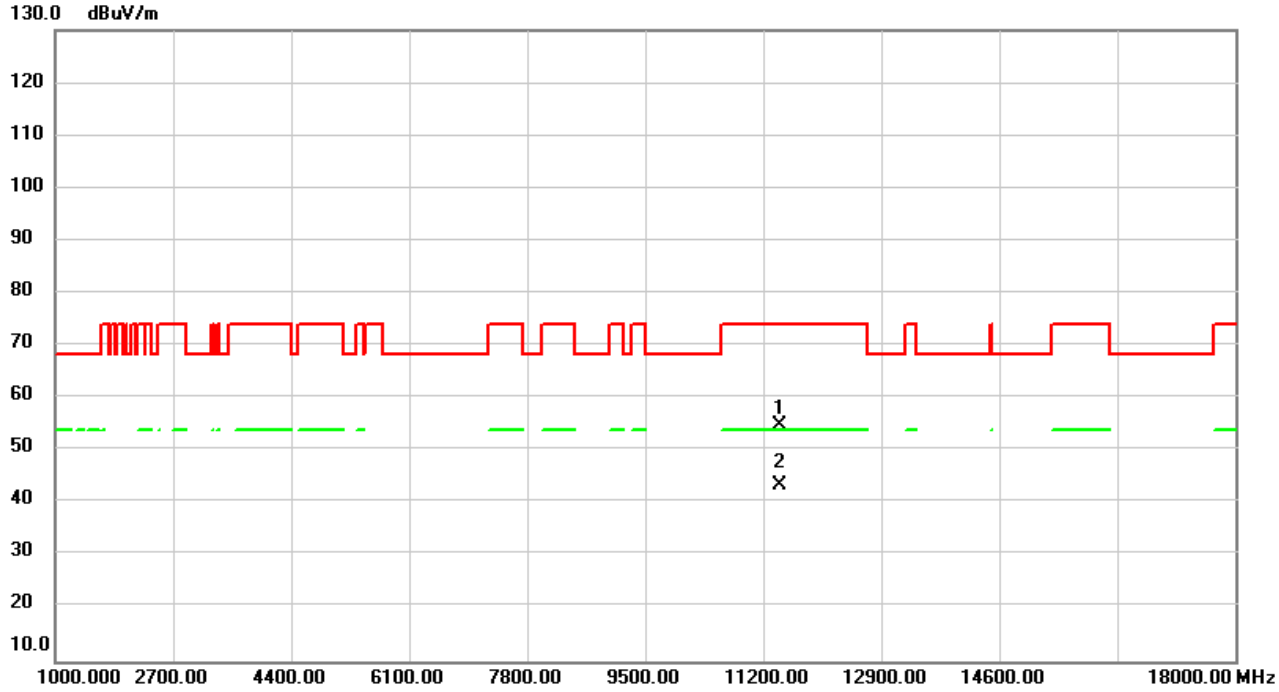
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5720MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11440.00	45.88	7.51	53.39	74.00	-20.61	peak	
2	*	11440.00	34.62	7.51	42.13	54.00	-11.87	AVG	

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

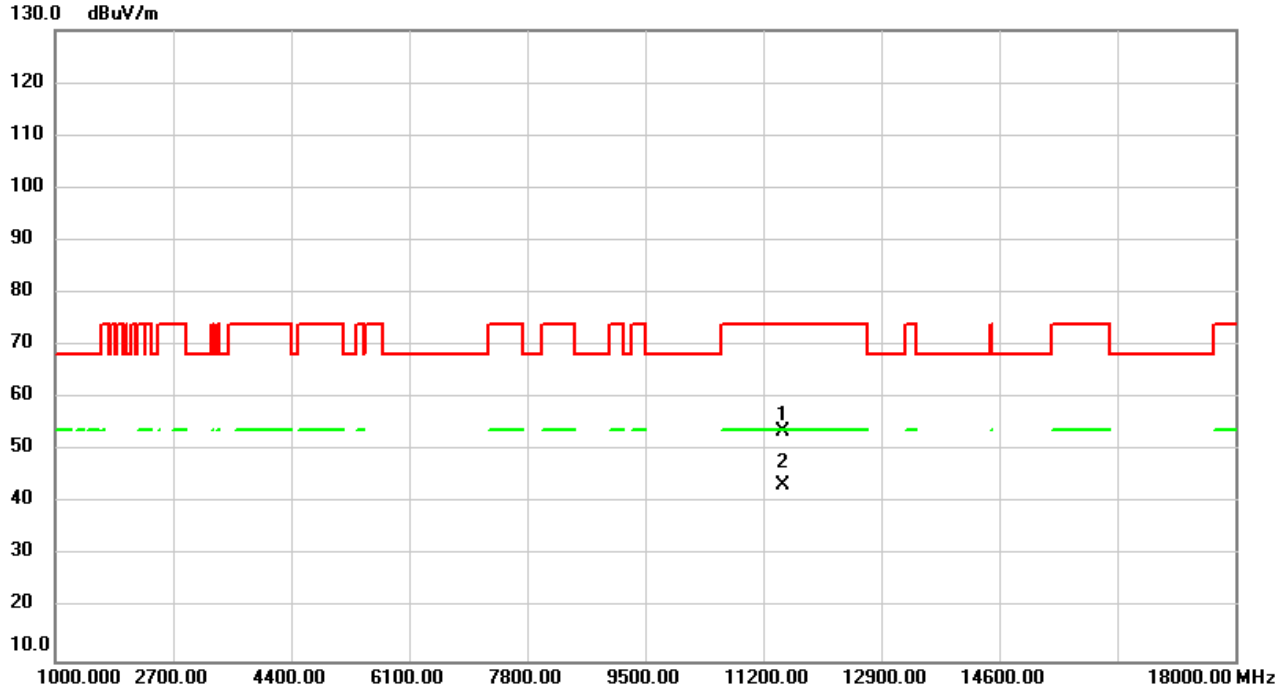
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5720MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11440.00	47.21	7.51	54.72	74.00	-19.28	peak	
2	*	11440.00	35.92	7.51	43.43	54.00	-10.57	AVG	

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

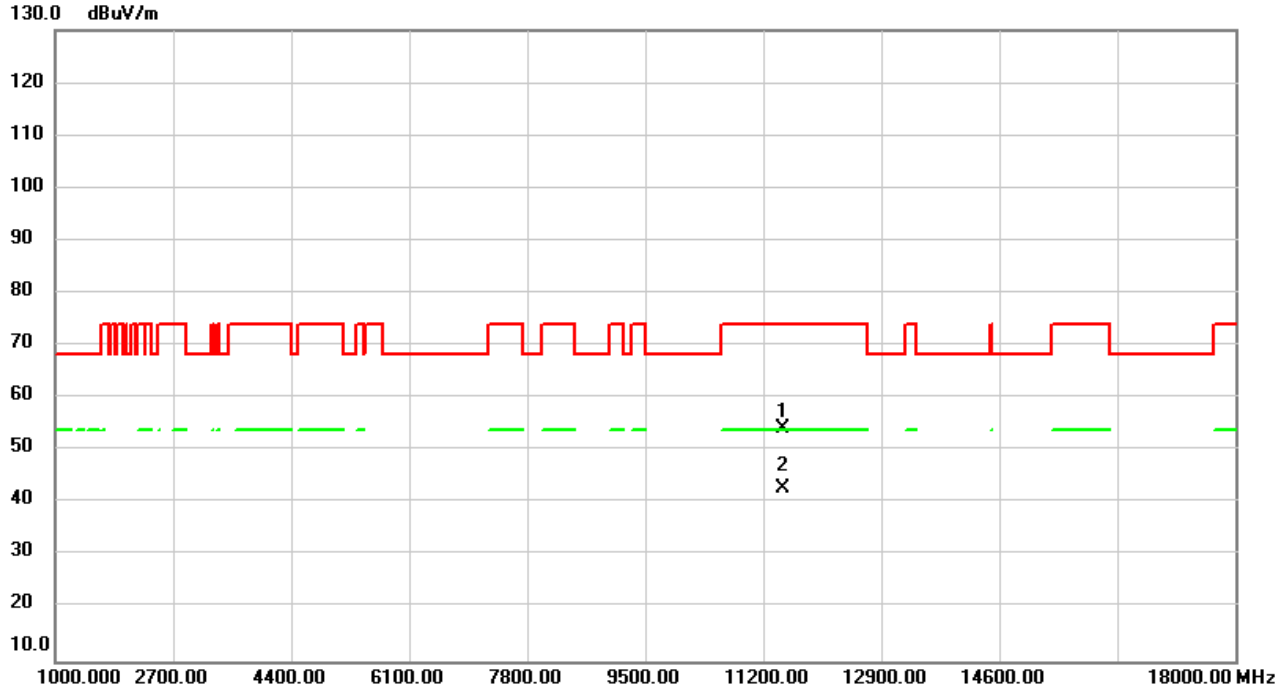
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5745MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	46.24	7.56	53.80	74.00	-20.20	peak	
2	*	11490.00	35.97	7.56	43.53	54.00	-10.47	AVG	

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

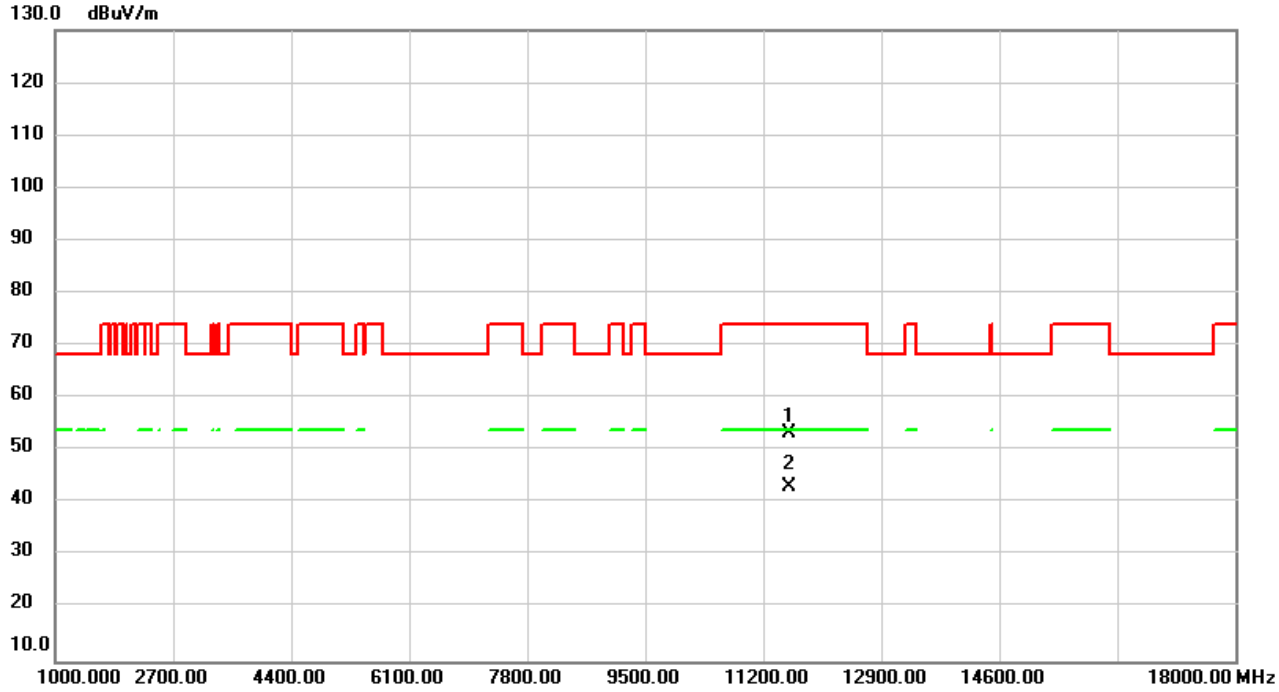
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5745MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	46.71	7.56	54.27	74.00	-19.73	peak	
2	*	11490.00	35.26	7.56	42.82	54.00	-11.18	AVG	

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

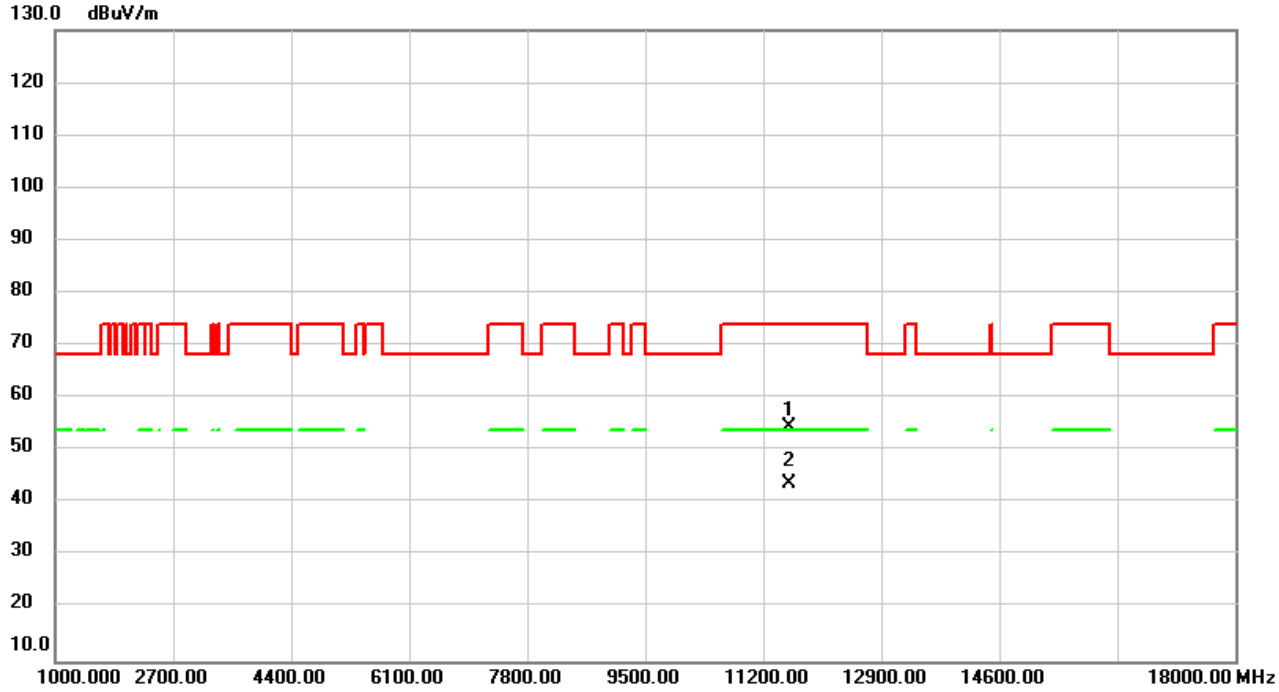
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5785MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	45.86	7.59	53.45	74.00	-20.55	peak	
2	*	11570.00	35.71	7.59	43.30	54.00	-10.70	AVG	

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

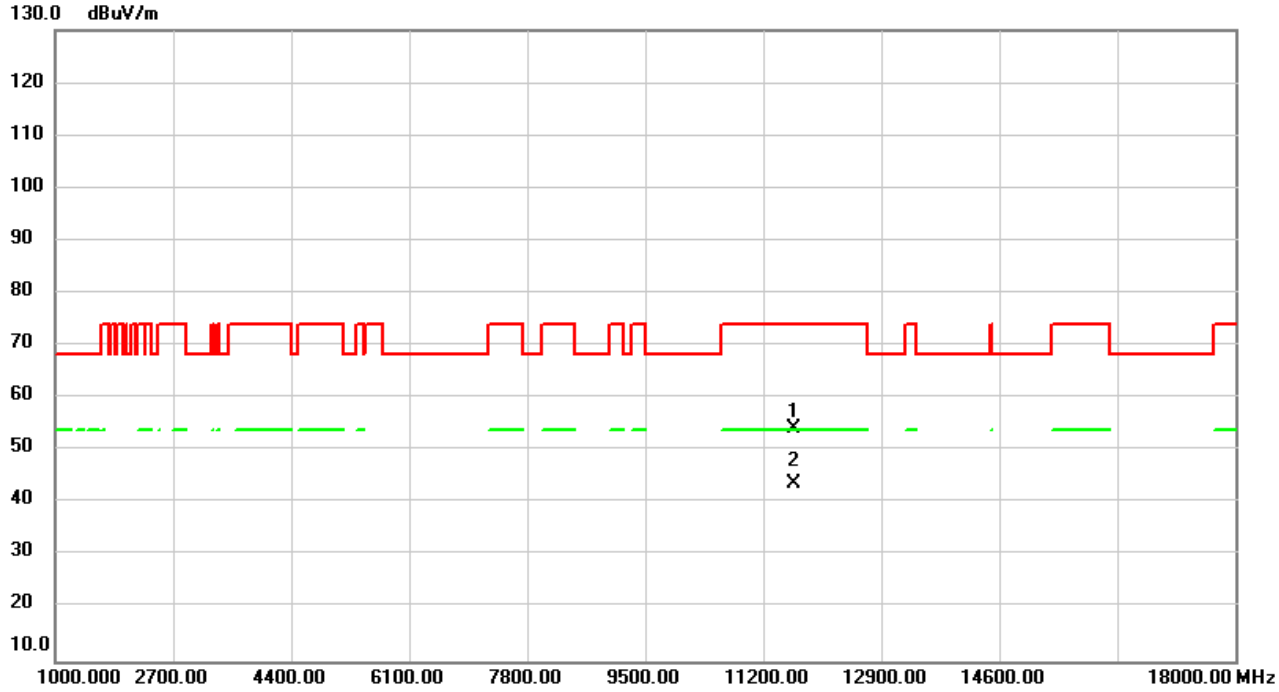
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5785MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	46.85	7.59	54.44	74.00	-19.56	peak	
2	*	11570.00	36.07	7.59	43.66	54.00	-10.34	AVG	

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

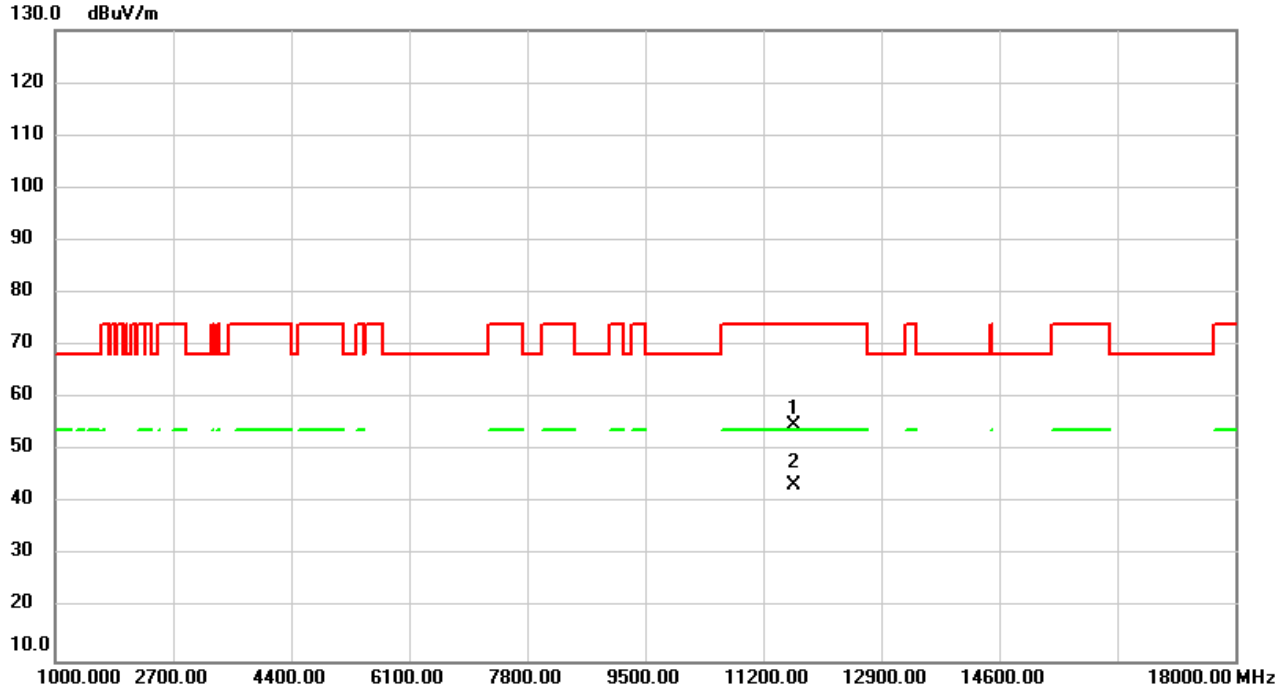
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5825MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	46.53	7.62	54.15	74.00	-19.85	peak	
2	*	11650.00	36.02	7.62	43.64	54.00	-10.36	AVG	

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

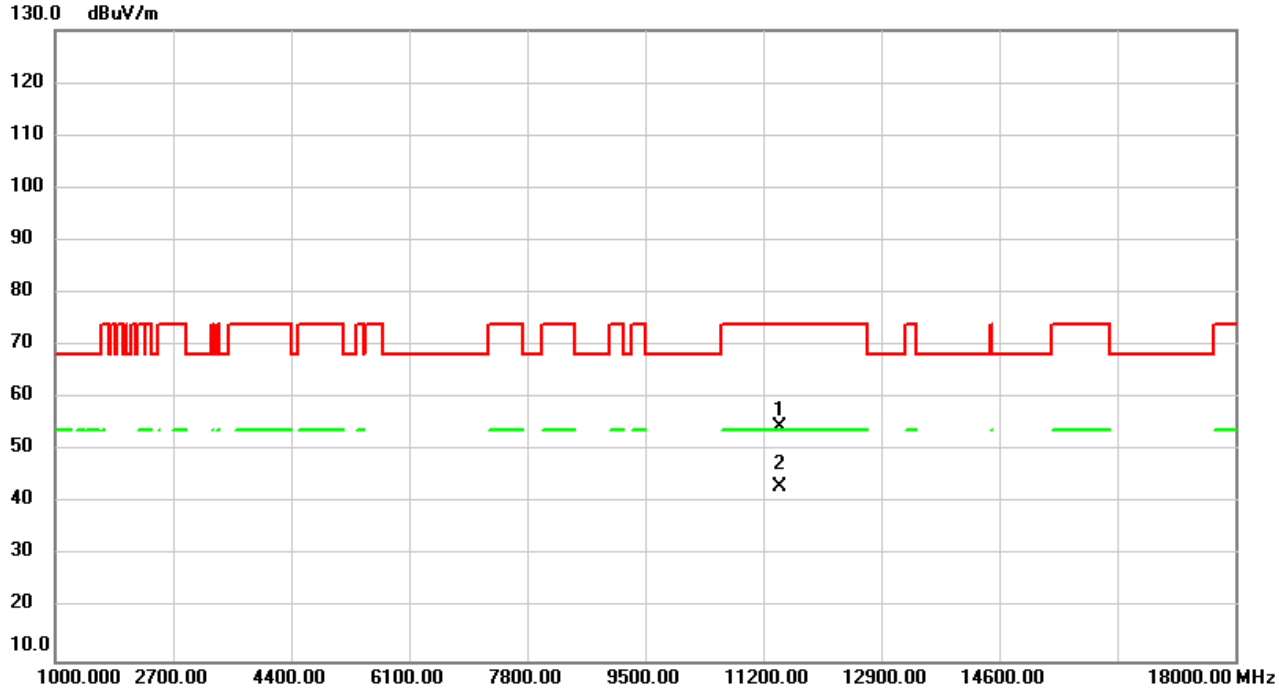
Test Mode	IEEE 802.11a	Test Date	2024/12/2
Test Frequency	5825MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	47.19	7.62	54.81	74.00	-19.19	peak	
2	*	11650.00	35.96	7.62	43.58	54.00	-10.42	AVG	

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

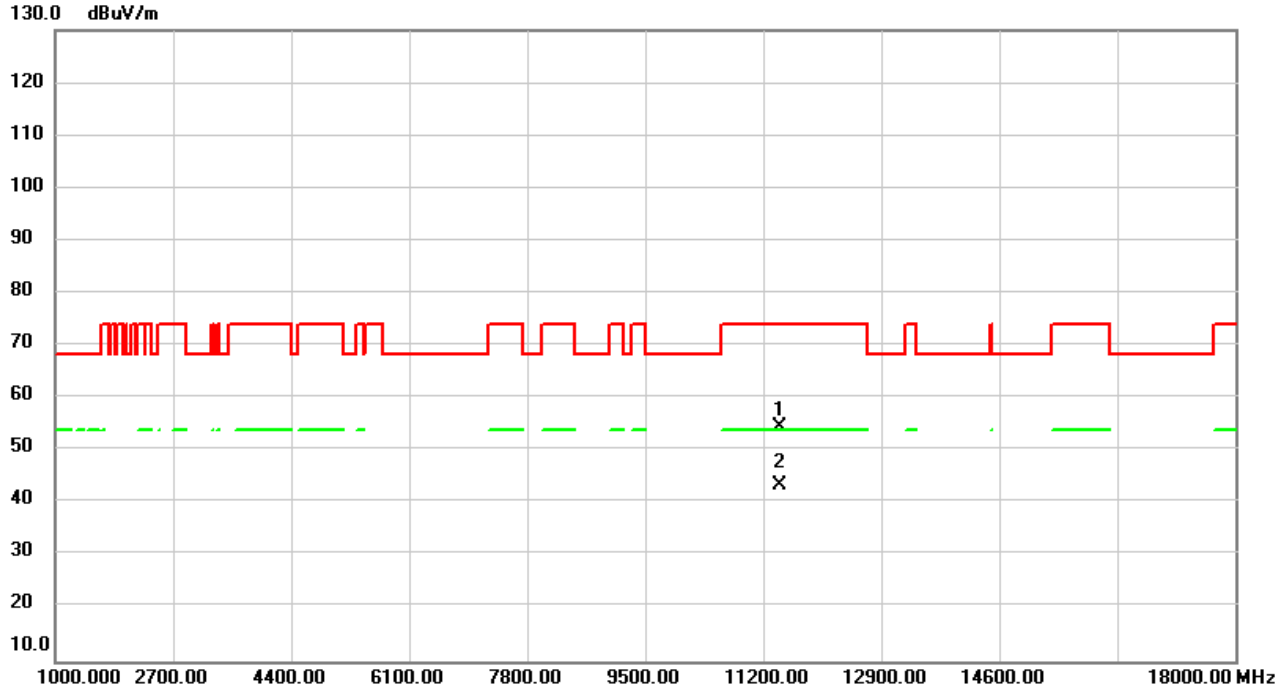
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5720MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11440.00	47.07	7.51	54.58	74.00	-19.42	peak	
2	*	11440.00	35.74	7.51	43.25	54.00	-10.75	AVG	

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

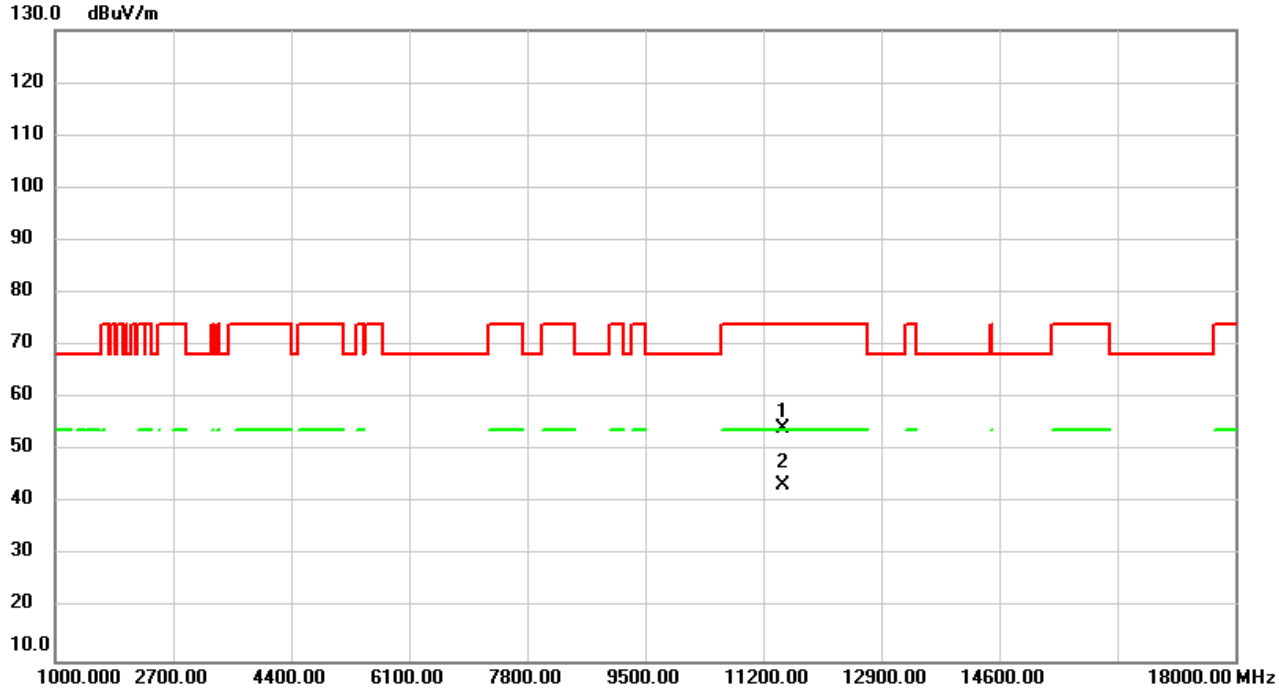
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5720MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11440.00	46.97	7.51	54.48	74.00	-19.52	peak	
2	*	11440.00	35.92	7.51	43.43	54.00	-10.57	AVG	

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

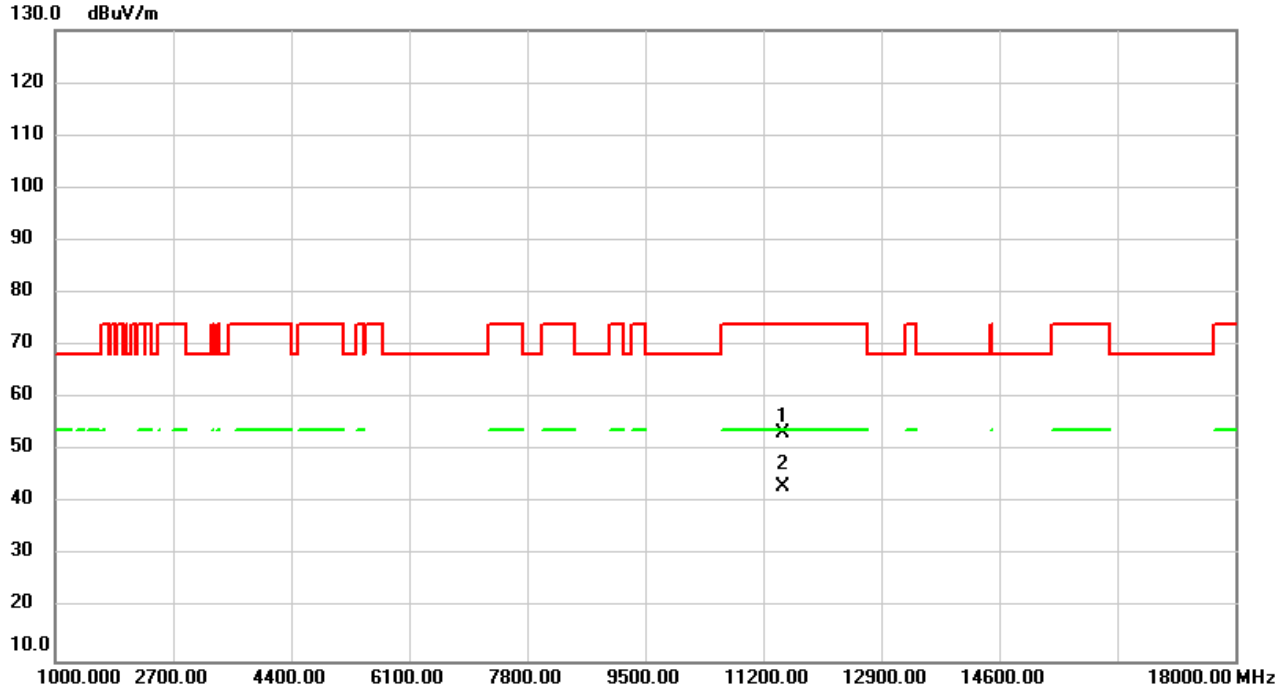
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5745MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	46.81	7.56	54.37	74.00	-19.63	peak	
2	*	11490.00	35.80	7.56	43.36	54.00	-10.64	AVG	

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

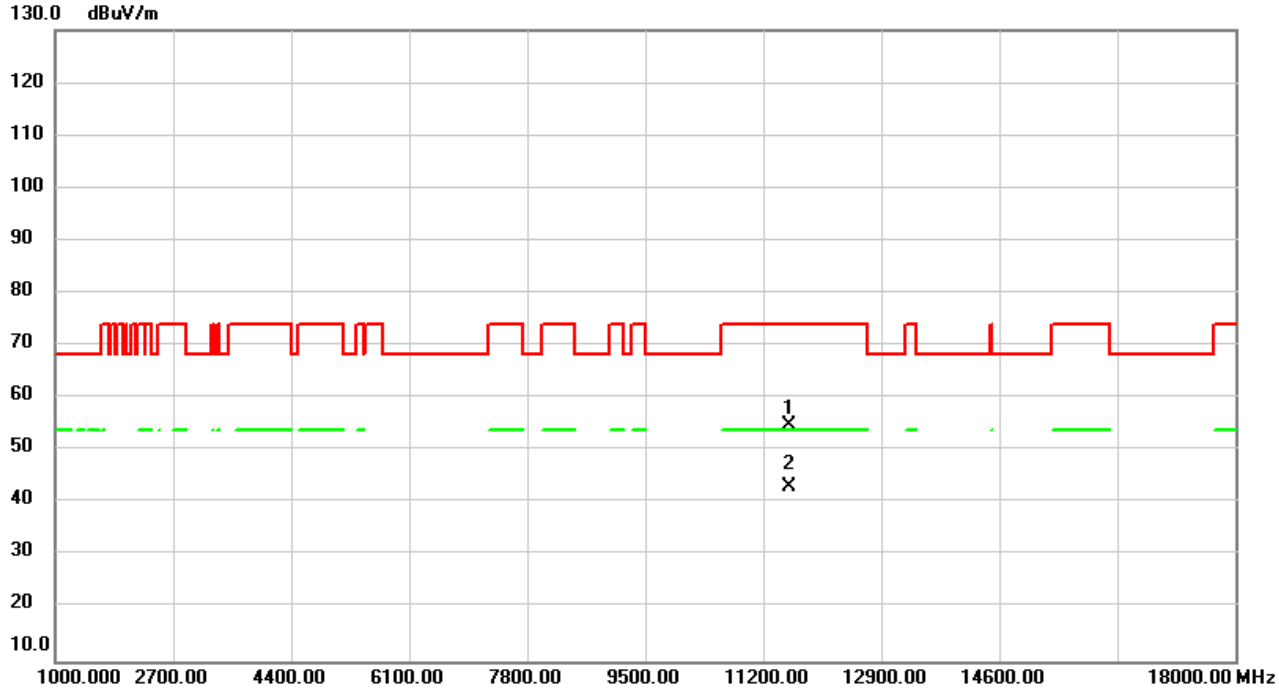
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5745MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11490.00	45.74	7.56	53.30	74.00	-20.70	peak	
2	*	11490.00	35.63	7.56	43.19	54.00	-10.81	AVG	

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

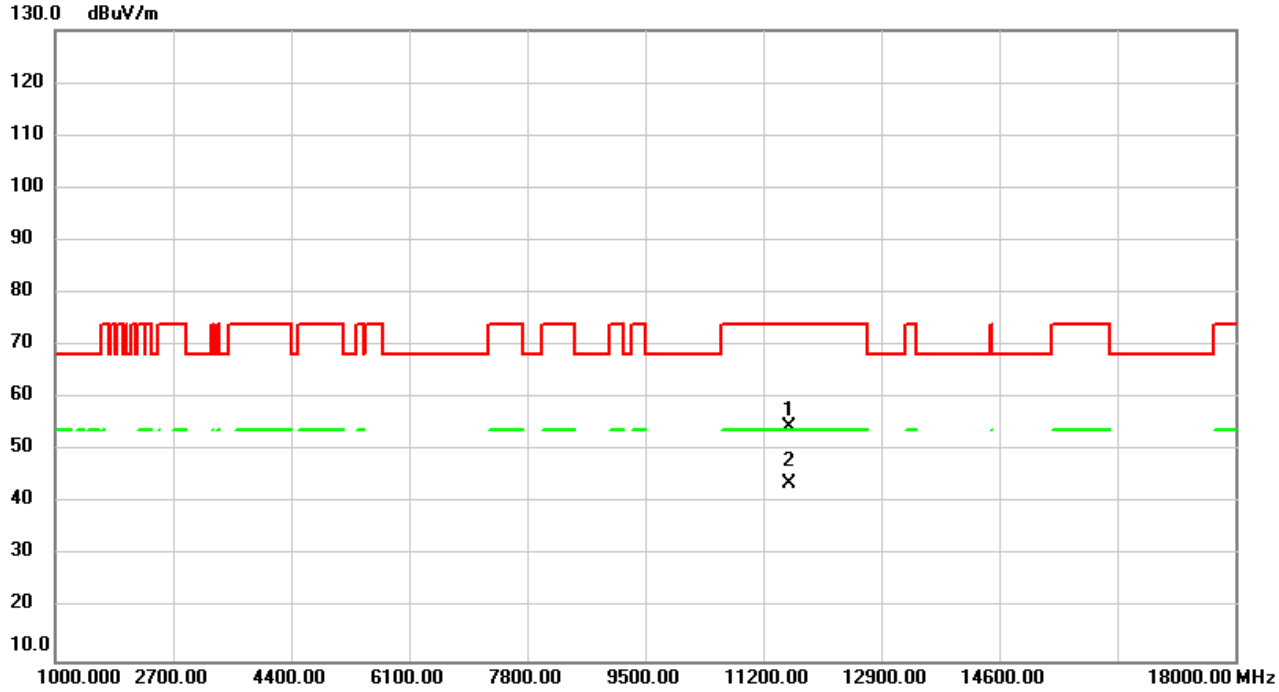
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5785MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	47.12	7.59	54.71	74.00	-19.29	peak	
2	*	11570.00	35.43	7.59	43.02	54.00	-10.98	AVG	

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

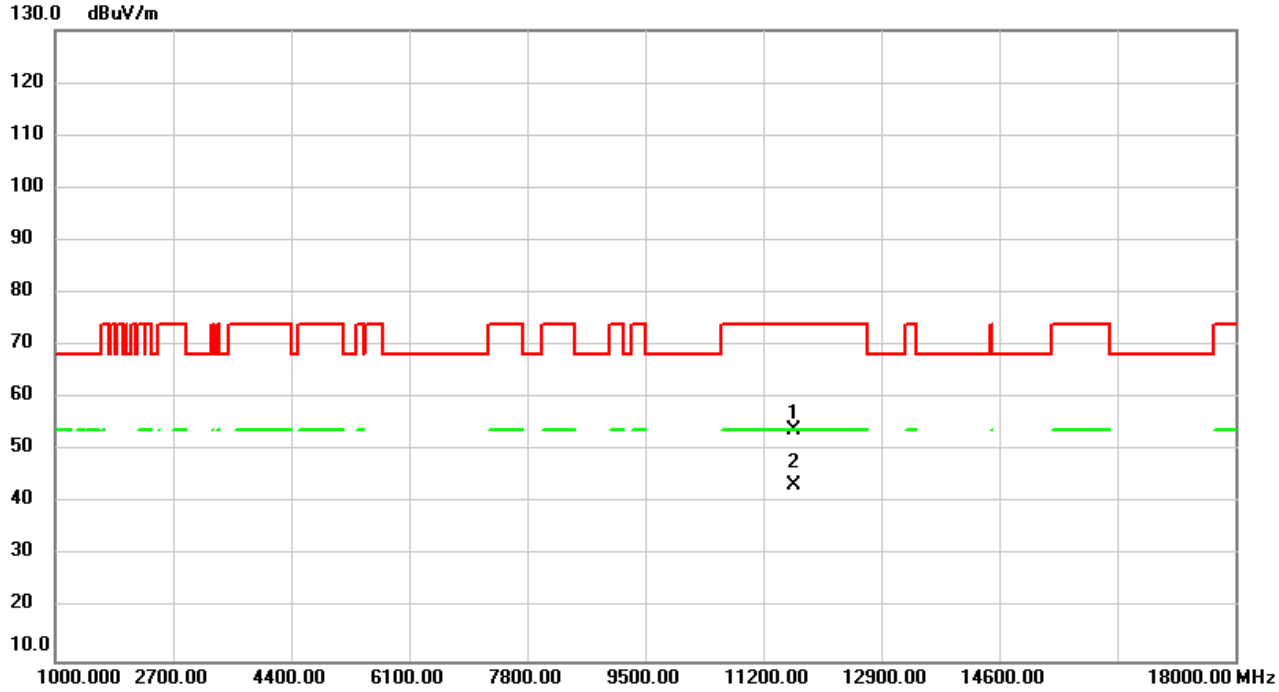
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5785MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11570.00	46.91	7.59	54.50	74.00	-19.50	peak	
2	*	11570.00	36.09	7.59	43.68	54.00	-10.32	AVG	

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

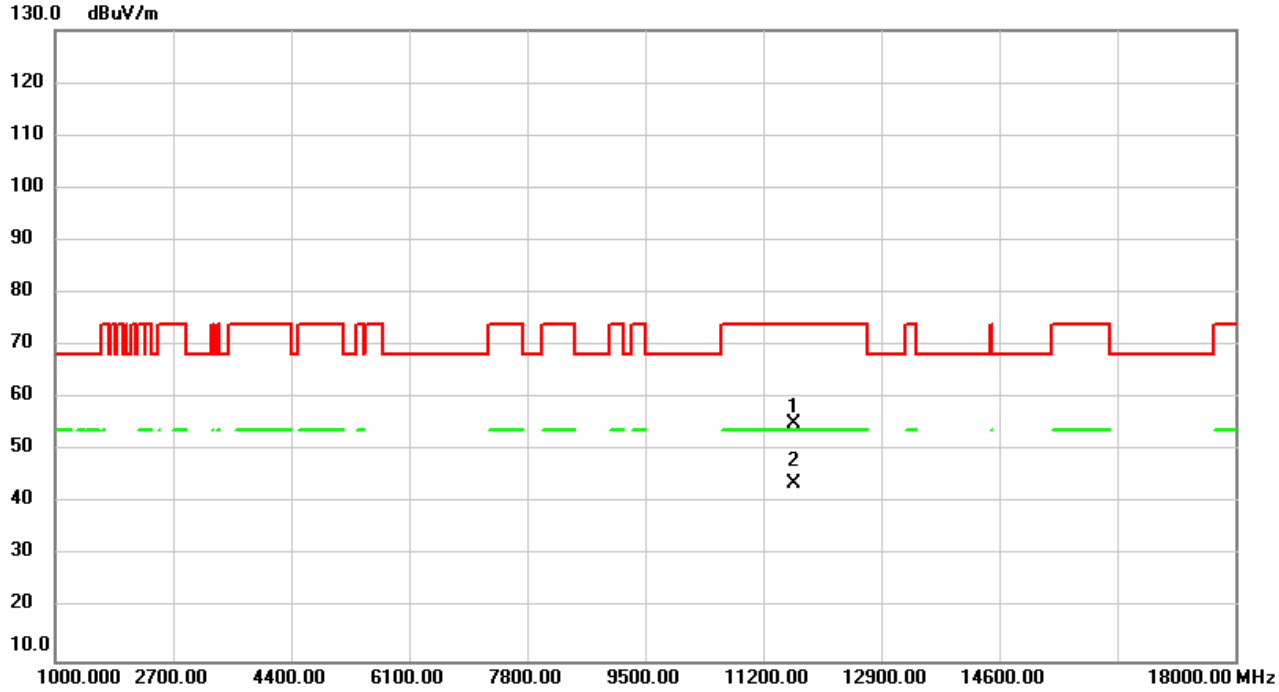
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5825MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	46.42	7.62	54.04	74.00	-19.96	peak	
2	*	11650.00	35.84	7.62	43.46	54.00	-10.54	AVG	

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

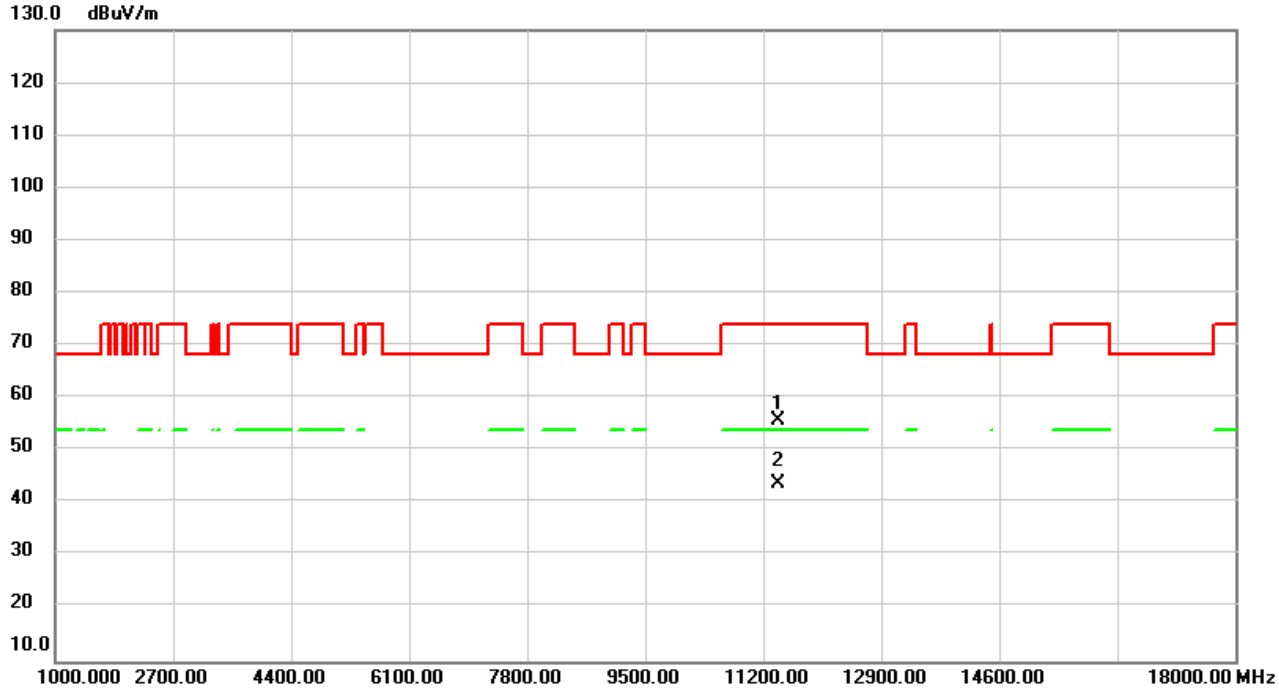
Test Mode	IEEE 802.11ac (VHT20)	Test Date	2024/12/2
Test Frequency	5825MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11650.00	47.47	7.62	55.09	74.00	-18.91	peak	
2	*	11650.00	36.09	7.62	43.71	54.00	-10.29	AVG	

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

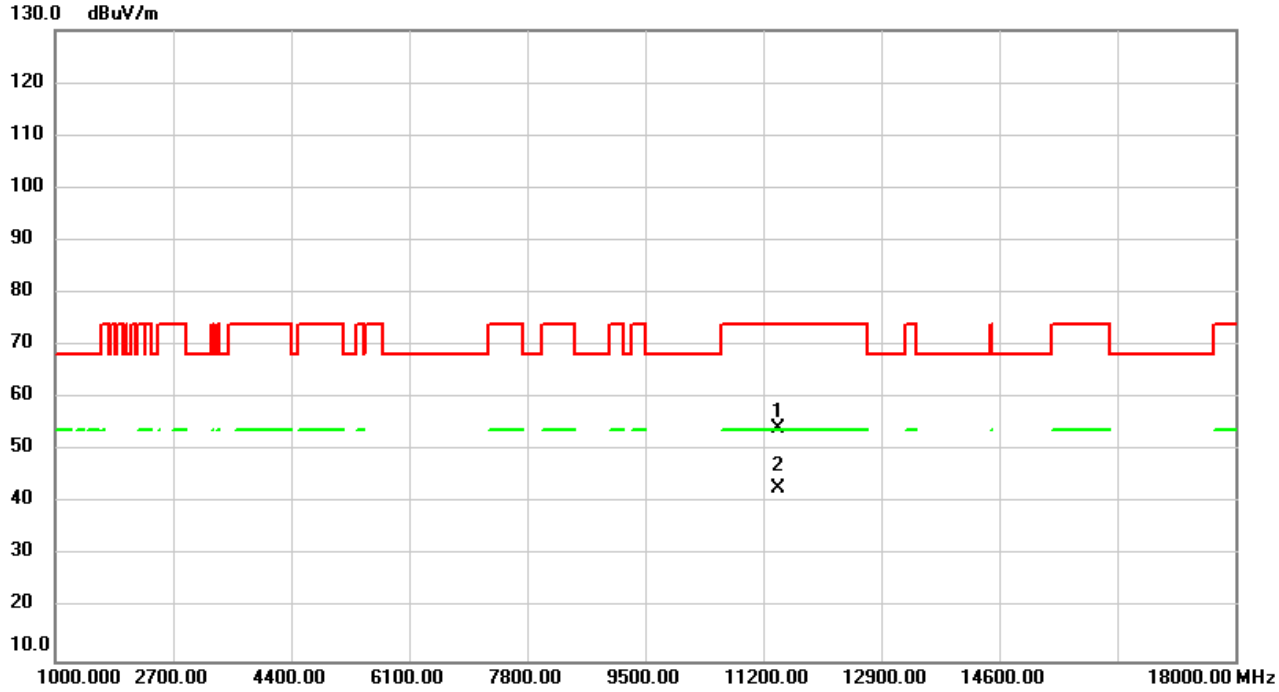
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5710MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11420.00	48.21	7.49	55.70	74.00	-18.30	peak	
2	*	11420.00	36.24	7.49	43.73	54.00	-10.27	AVG	

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

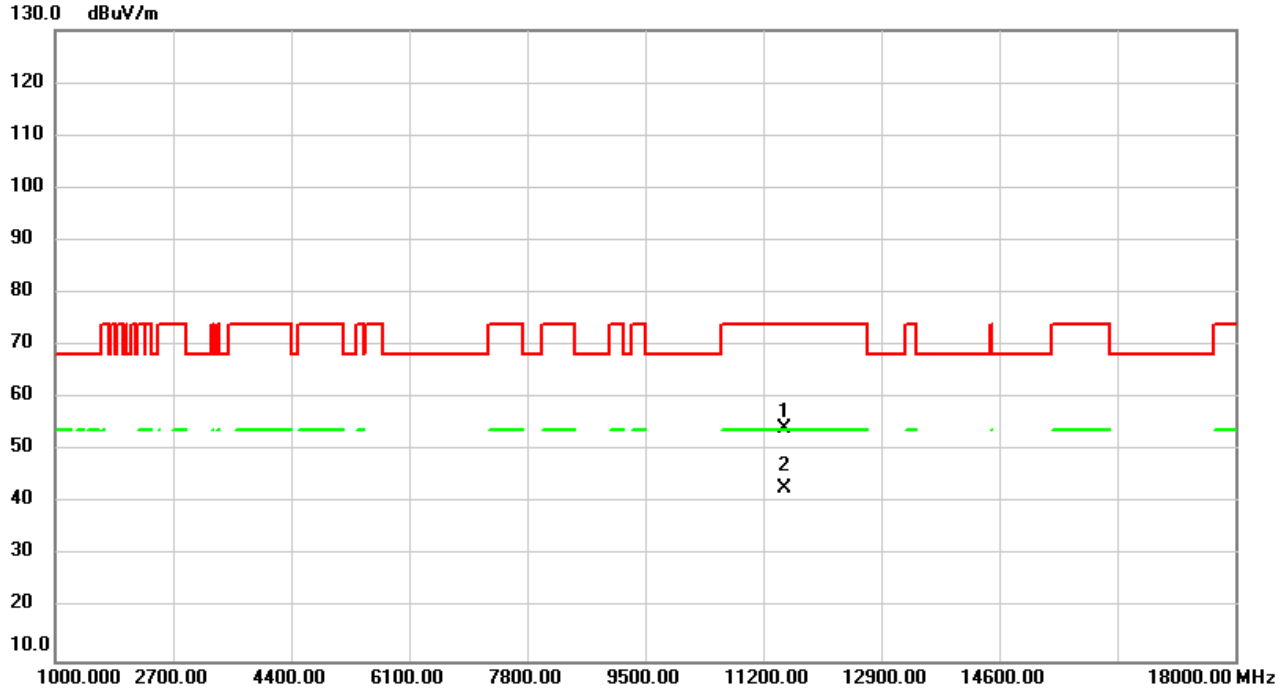
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5710MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11420.00	46.71	7.49	54.20	74.00	-19.80	peak	
2	*	11420.00	35.24	7.49	42.73	54.00	-11.27	AVG	

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

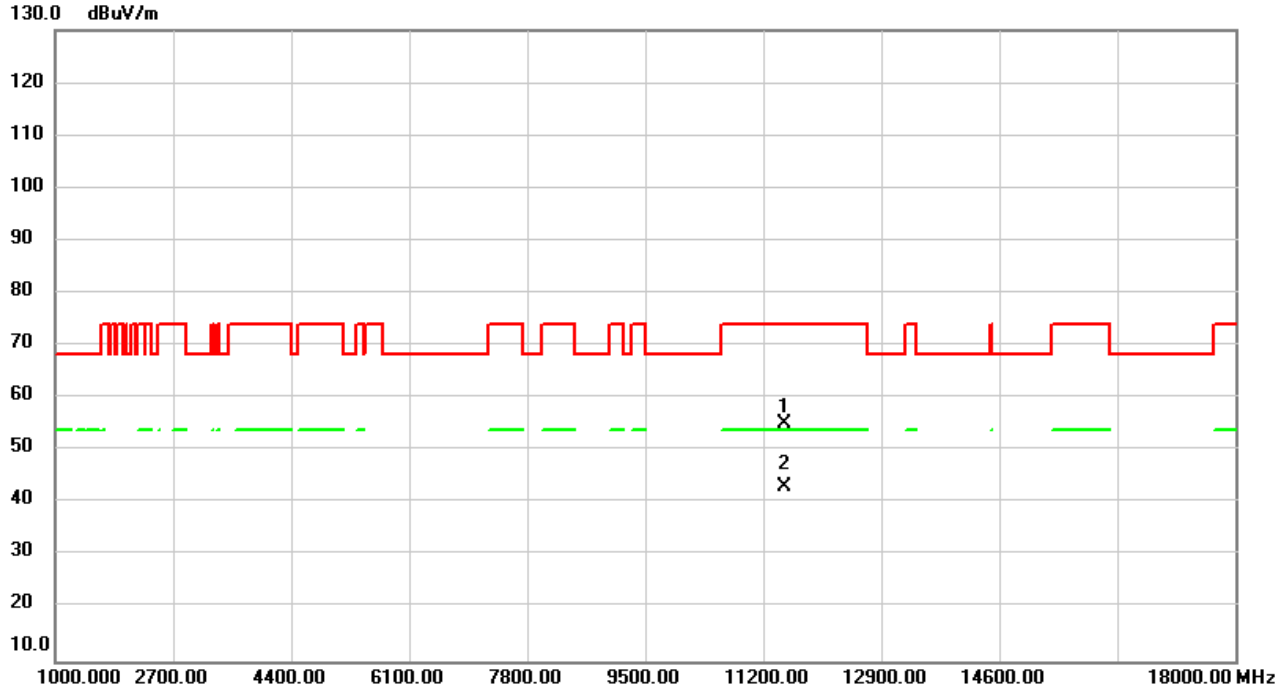
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5755MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	46.59	7.57	54.16	74.00	-19.84	peak	
2	*	11510.00	35.24	7.57	42.81	54.00	-11.19	AVG	

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

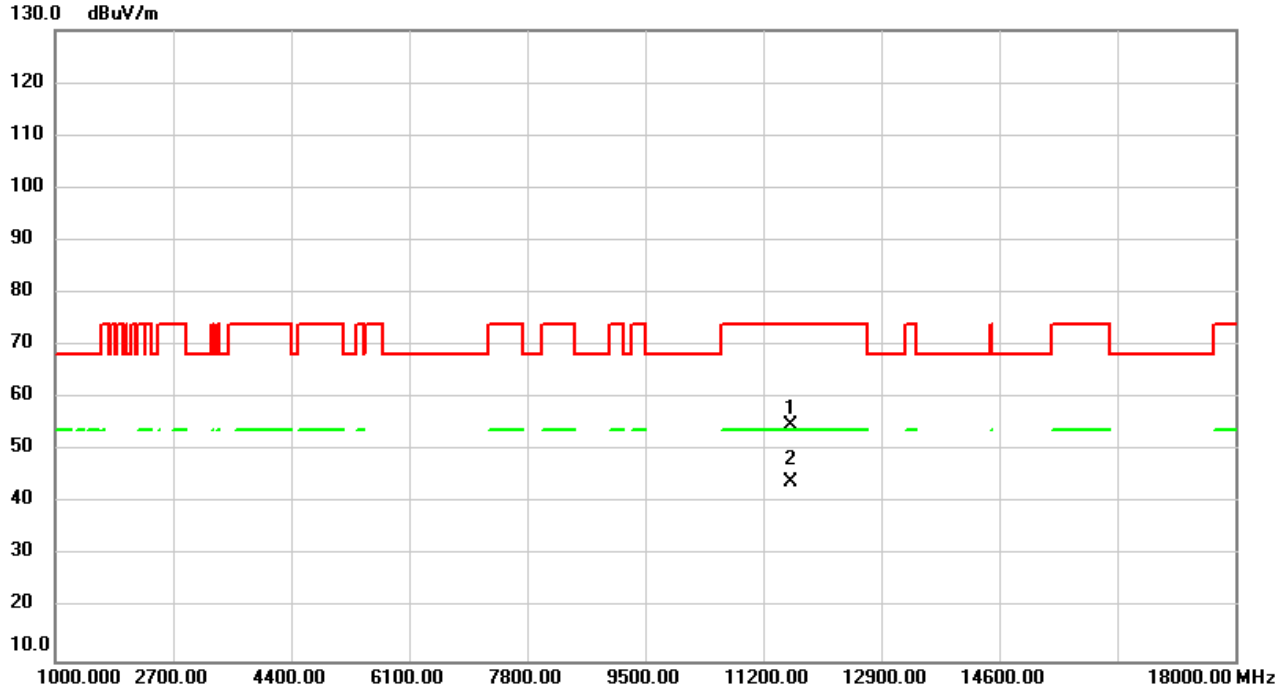
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5755MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11510.00	47.57	7.57	55.14	74.00	-18.86	peak	
2	*	11510.00	35.60	7.57	43.17	54.00	-10.83	AVG	

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

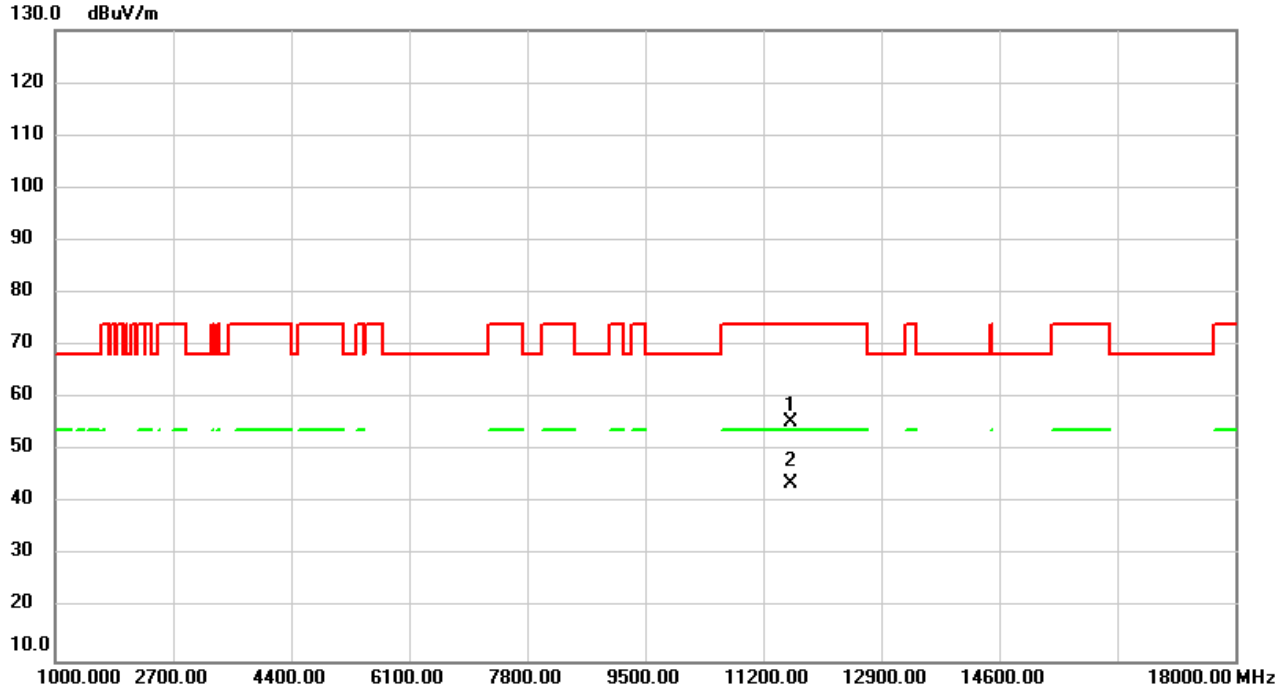
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.00	47.12	7.61	54.73	74.00	-19.27	peak	
2	*	11590.00	36.30	7.61	43.91	54.00	-10.09	AVG	

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

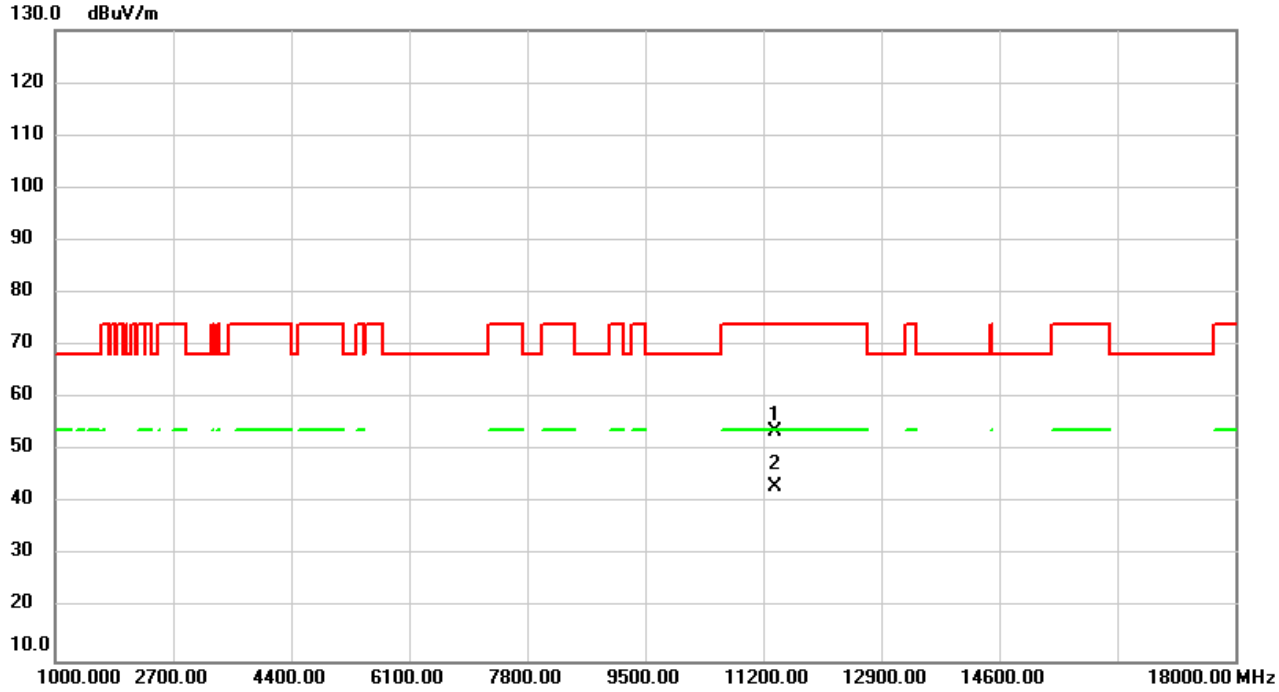
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11590.00	47.81	7.61	55.42	74.00	-18.58	peak	
2	*	11590.00	36.24	7.61	43.85	54.00	-10.15	AVG	

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

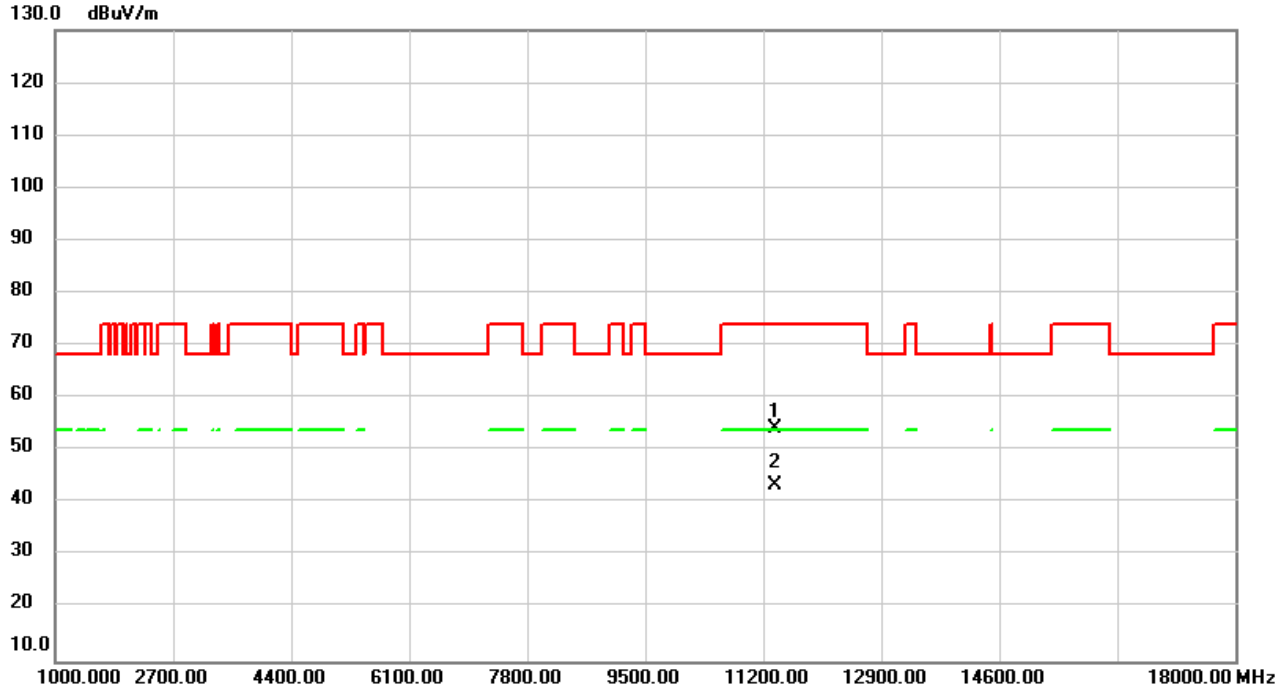
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/12/2
Test Frequency	5690MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11380.00	46.31	7.45	53.76	74.00	-20.24	peak	
2	*	11380.00	35.62	7.45	43.07	54.00	-10.93	AVG	

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

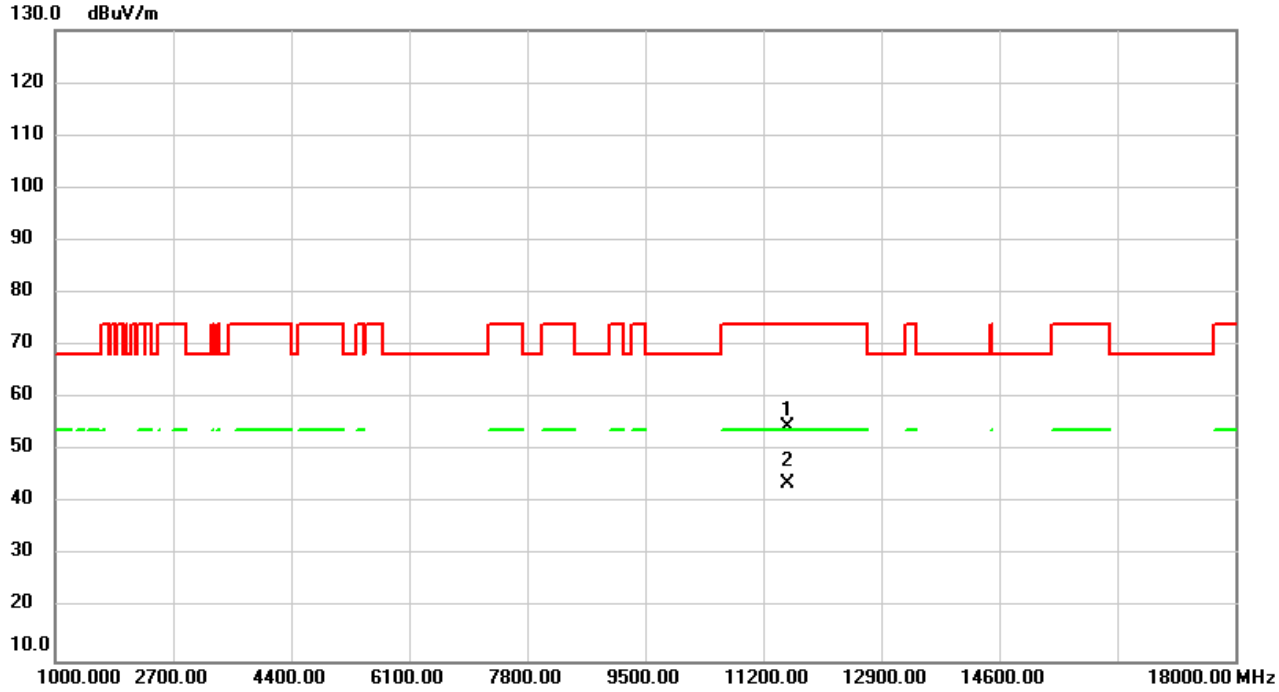
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/12/2
Test Frequency	5690MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11380.00	46.90	7.45	54.35	74.00	-19.65	peak	
2	*	11380.00	35.88	7.45	43.33	54.00	-10.67	AVG	

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

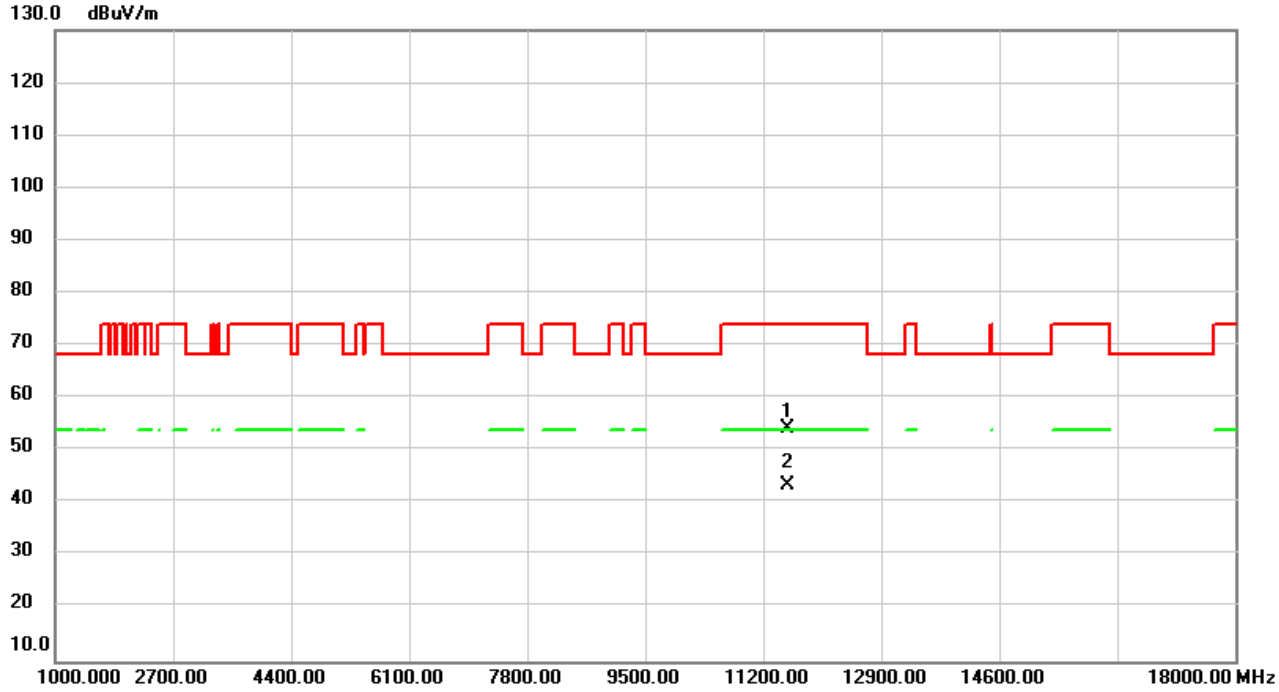
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/12/2
Test Frequency	5775MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11550.00	47.11	7.58	54.69	74.00	-19.31	peak	
2	*	11550.00	36.19	7.58	43.77	54.00	-10.23	AVG	

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

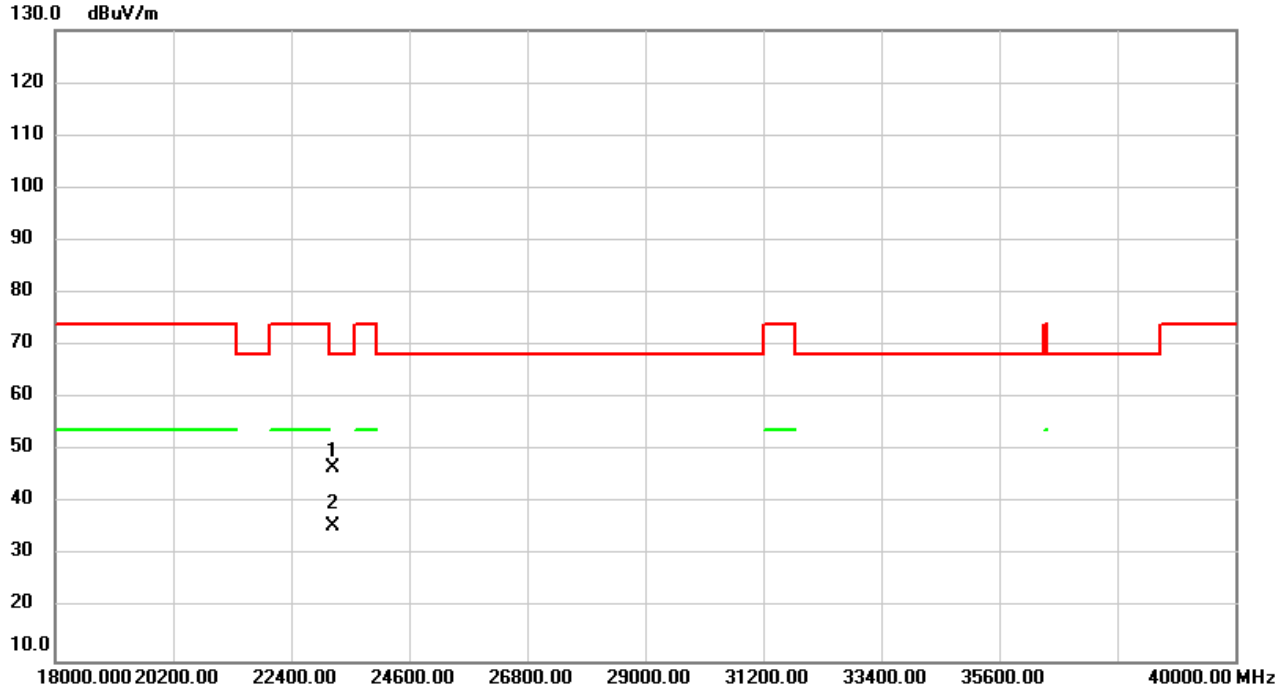
Test Mode	IEEE 802.11ac (VHT80)	Test Date	2024/12/2
Test Frequency	5775MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1		11550.00	46.55	7.58	54.13	74.00	-19.87	peak	
2	*	11550.00	35.94	7.58	43.52	54.00	-10.48	AVG	

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

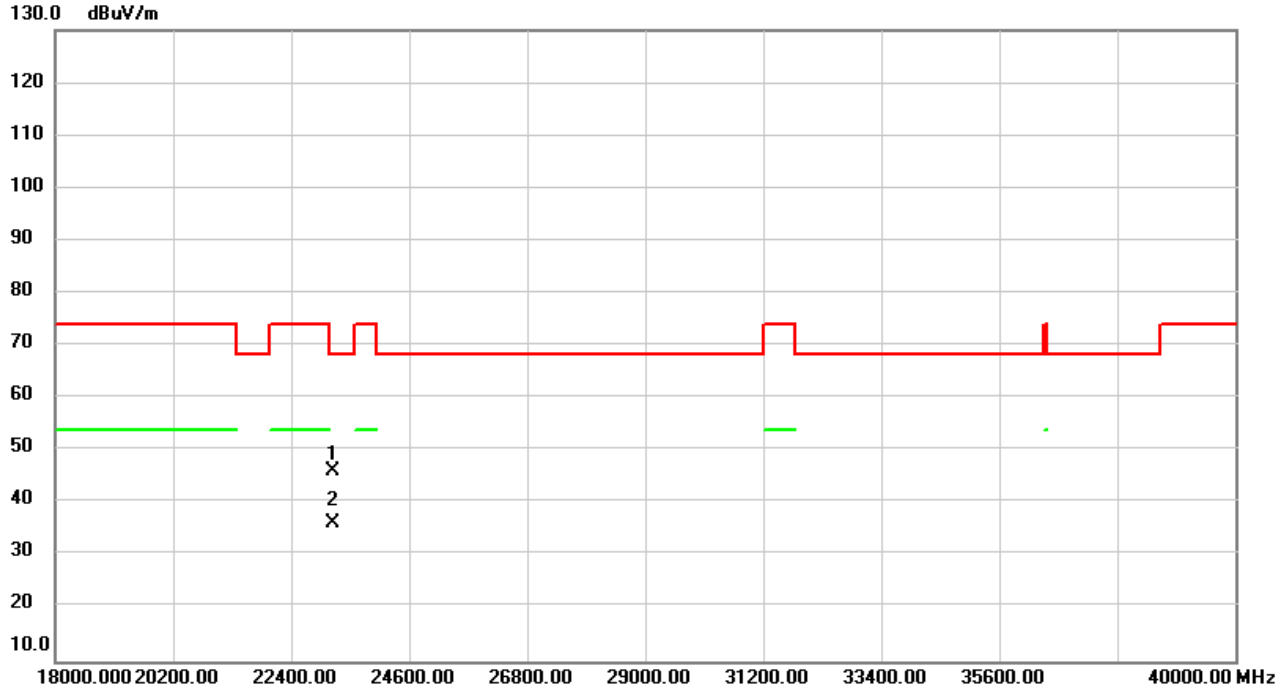
Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Vertical
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	23180.00	50.71	-4.03	46.68	68.20	-21.52	peak	
2		23180.00	39.56	-4.03	35.53	68.20	-32.67	AVG	

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

Test Mode	IEEE 802.11ac (VHT40)	Test Date	2024/12/2
Test Frequency	5795MHz	Polarization	Horizontal
Temp	23°C	Hum.	61%



No.	Mk.	Freq.	Reading Level	Correct Factor	Measure-ment	Limit	Over		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	23180.00	50.05	-4.03	46.02	68.20	-22.18	peak	
2		23180.00	40.17	-4.03	36.14	68.20	-32.06	AVG	

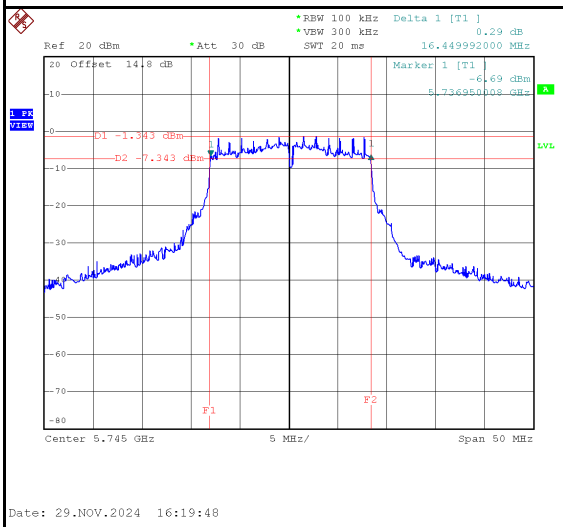
REMARKS:
(1) Measurement Value = Reading Level + Correct Factor.
(2) Margin Level = Measurement Value - Limit Value.

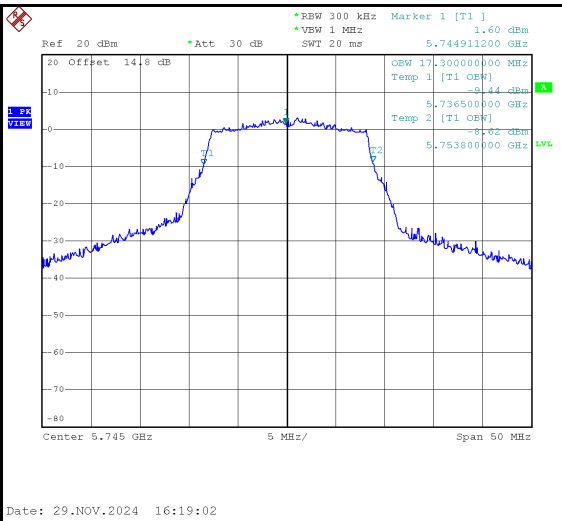
APPENDIX E BANDWIDTH

Test Mode	IEEE 802.11a_Aux Antenna

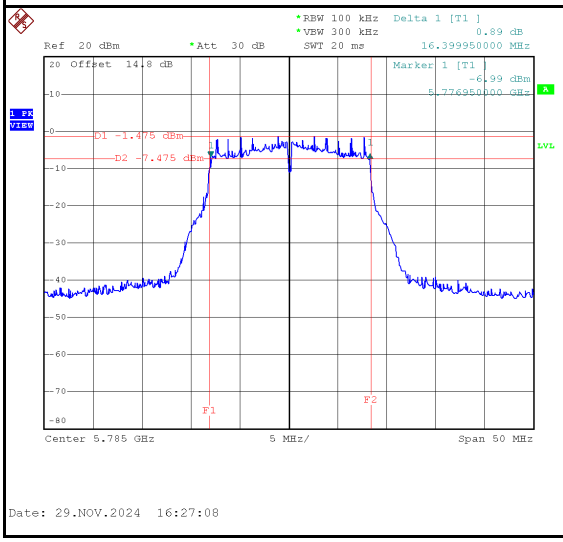
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5745	16.45	17.30	500	Pass
5785	16.40	17.10	500	Pass
5825	16.35	17.20	500	Pass

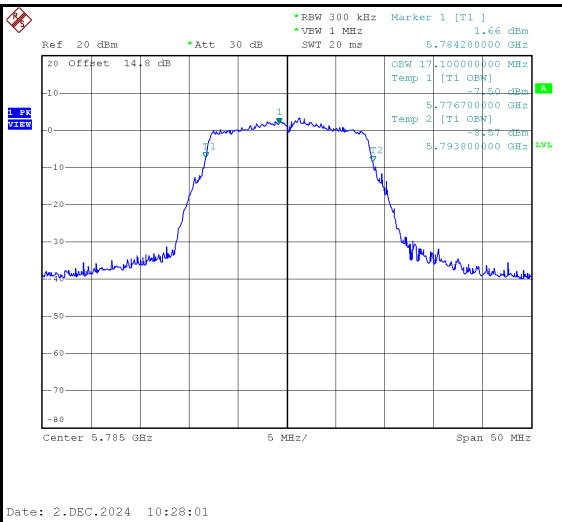
5745 MHz



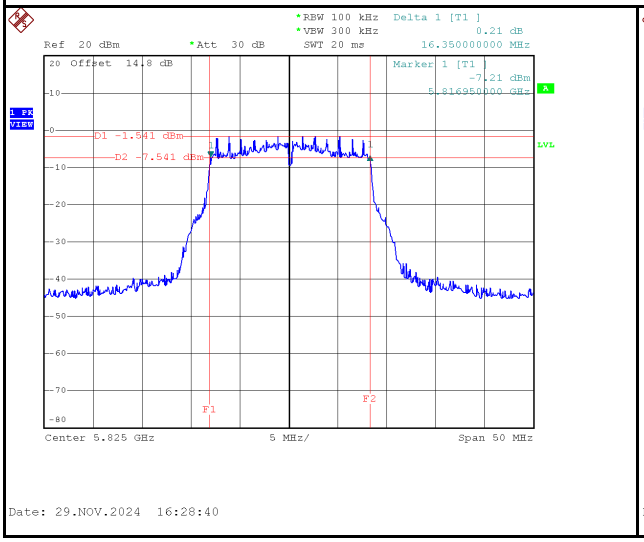


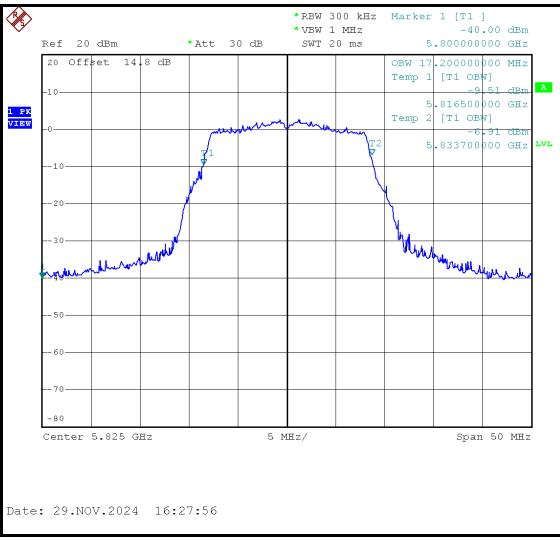
5785 MHz





5825 MHz

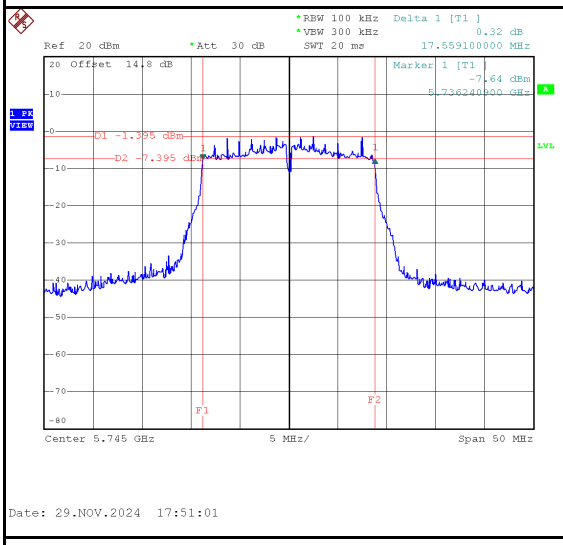

*RBW 100 kHz
*VBW 300 kHz
SWT 20 ms
Delta 1 [T1]
0.21 dB
16.350000000 MHz
Ref 20 dBm
*Att 30 dB
20 Offset 1418 dB
Marker 1 [T1]
-7.21 dBm
5.816950000 GHz
D1 -1.541 dBm
D2 -7.541 dBm
F1
F2
Center 5.825 GHz
5 MHz/
Span 50 MHz
Date: 29.NOV.2024 16:28:40

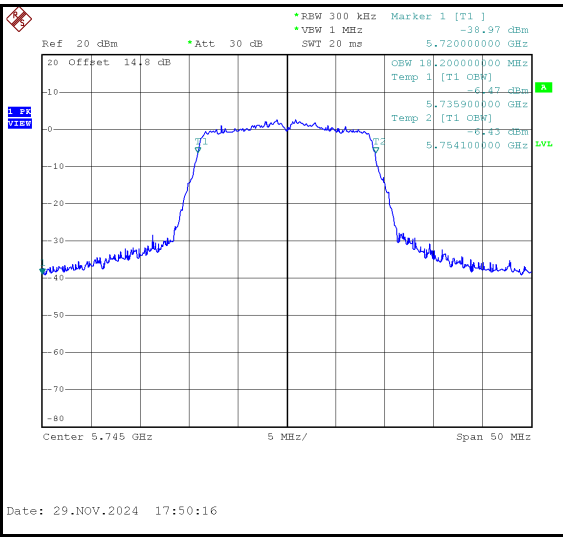

*RBW 300 kHz
*VBW 1 MHz
SWT 20 ms
Marker 1 [T1]
-40.00 dBm
5.800000000 GHz
Ref 20 dBm
*Att 30 dB
20 Offset 1418 dB
OBW 17.200000000 MHz
Temp 1 [T1 OBW]
-9.51 dBm
5.816500000 GHz
Temp 2 [T1 OBW]
-9.91 dBm
5.833700000 GHz
T1
T2
Center 5.825 GHz
5 MHz/
Span 50 MHz
Date: 29.NOV.2024 16:27:56

Test Mode	IEEE 802.11ac (VHT20)_Aux Antenna

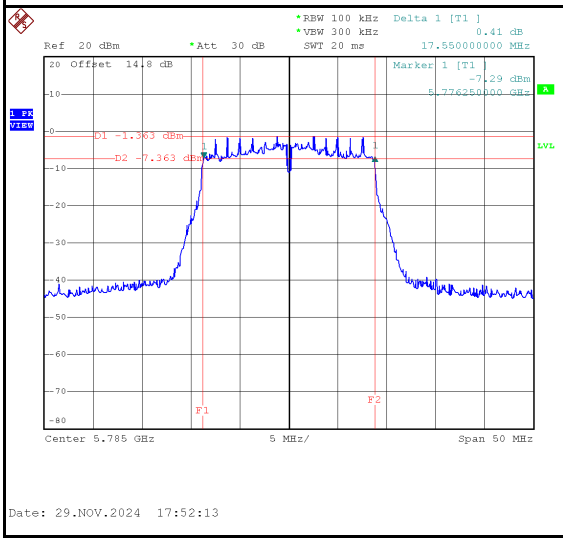
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5745	17.56	18.20	500	Pass
5785	17.55	18.20	500	Pass
5825	17.55	18.20	500	Pass

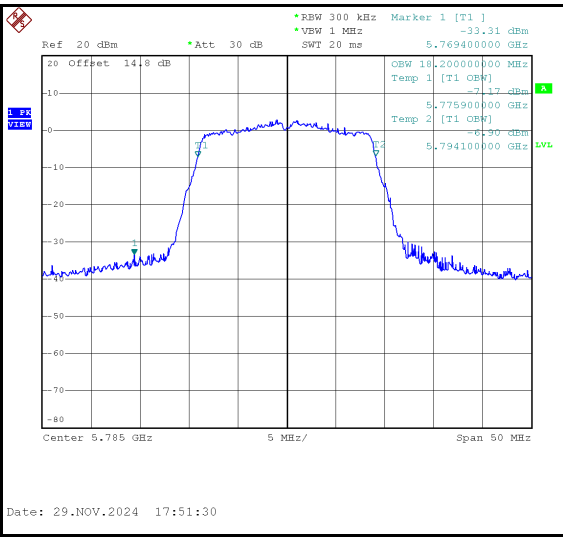
5745 MHz



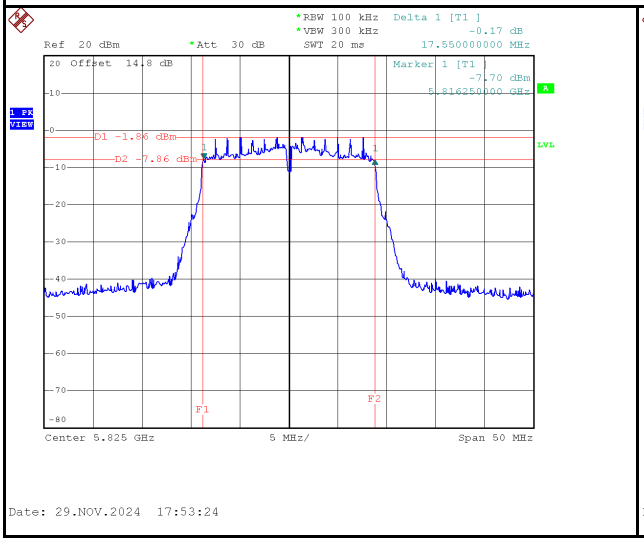


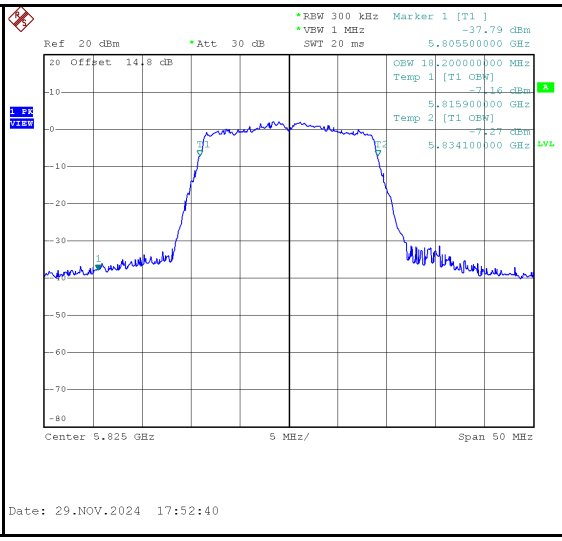
5785 MHz





5825 MHz

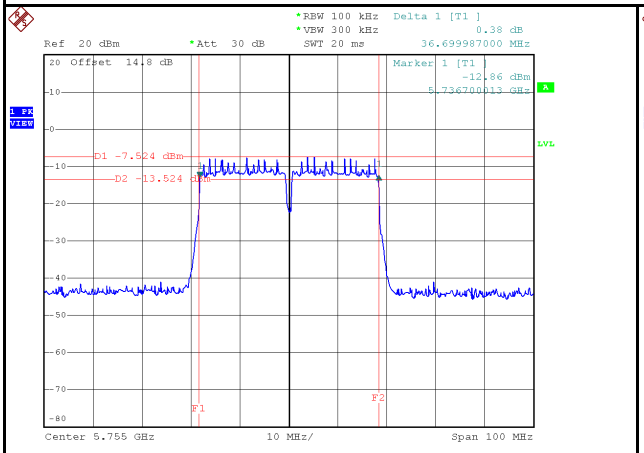

*RBW 100 kHz
Delta 1 [T1]
*VBW 300 kHz
-0.17 dB
Ref 20 dBm
*Att 30 dB
SWT 20 ms
17.550000000 MHz
20 Offset 1418 dB
Marker 1 [T1]
-7.70 dBm
5.816250000 GHz
D1 -1.86 dBm
D2 -7.86 dBm
F1
F2
Center 5.825 GHz
5 MHz/
Span 50 MHz
Date: 29.NOV.2024 17:53:24

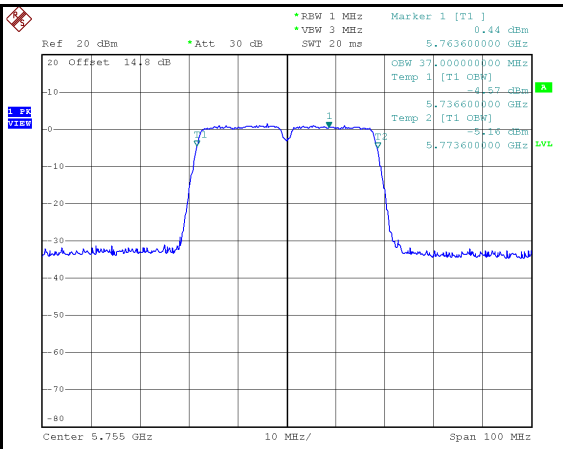

*RBW 300 kHz
Marker 1 [T1]
*VBW 1 MHz
-37.79 dBm
Ref 20 dBm
*Att 30 dB
SWT 20 ms
5.805500000 GHz
20 Offset 1418 dB
OBW 18.200000000 MHz
Temp 1 [T1 OBW]
-7.16 dBm
5.815900000 GHz
Temp 2 [T1 OBW]
-7.27 dBm
5.834100000 GHz
Center 5.825 GHz
5 MHz/
Span 50 MHz
Date: 29.NOV.2024 17:52:40

Test Mode	IEEE 802.11ac (VHT 40)_Aux Antenna

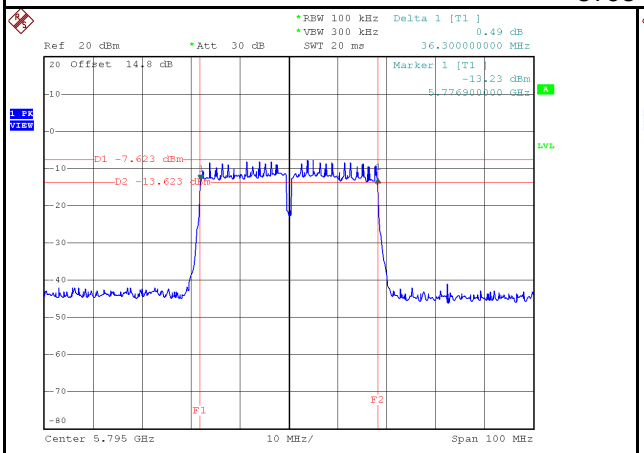
Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5755	36.70	37.00	500	Pass
5795	36.30	37.00	500	Pass

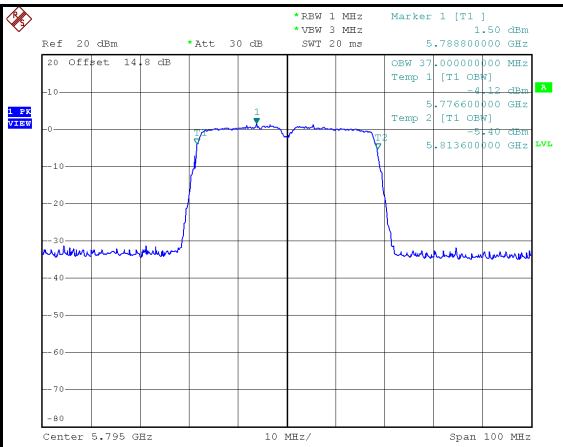
5755 MHz





5795 MHz

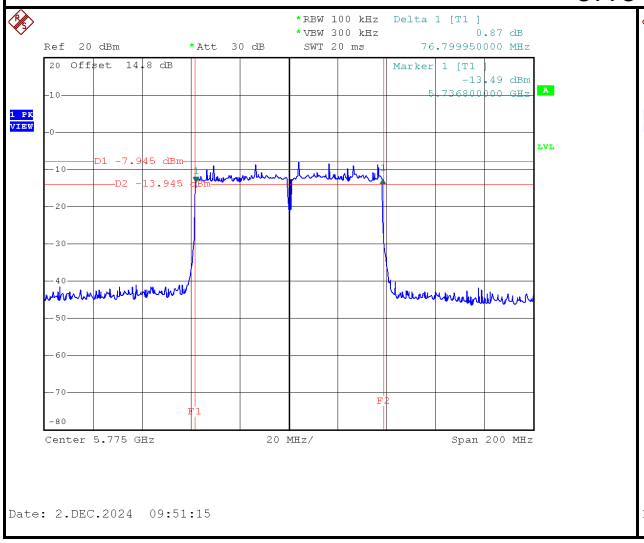


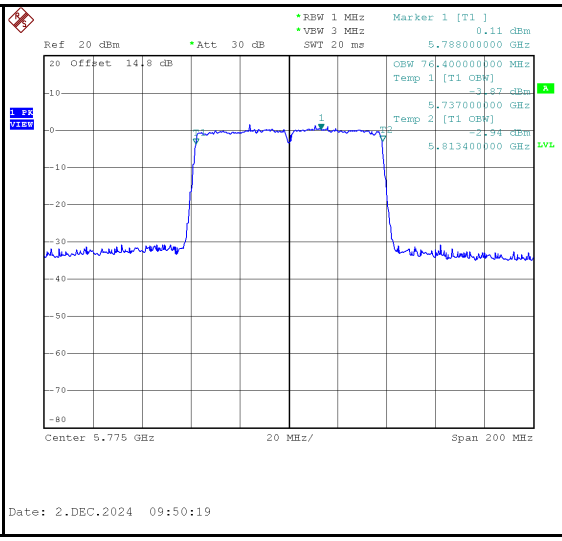


Test Mode	IEEE 802.11ac (VHT80)_Aux Antenna

Test Frequency (MHz)	6 dB Bandwidth (MHz)	99 % Occupied Bandwidth (MHz)	Minimum 6 dB Bandwidth Limit (kHz)	Result
5775	76.80	76.40	500	Pass

5775 MHz





APPENDIX F CONDUCTED OUTPUT POWER

Test Mode	IEEE 802.11a_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	9.80	0.0095	30.00	1.0000	Pass
5785	9.53	0.0090	30.00	1.0000	Pass
5825	9.80	0.0095	30.00	1.0000	Pass

Test Mode	IEEE 802.11a_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	9.21	0.0083	30.00	1.0000	Pass
5785	8.97	0.0079	30.00	1.0000	Pass
5825	9.12	0.0082	30.00	1.0000	Pass

Test Mode	IEEE 802.11a_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	12.53	0.0179	30.00	1.0000	Pass
5785	12.27	0.0169	30.00	1.0000	Pass
5825	12.48	0.0177	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20) _ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	9.70	0.0093	30.00	1.0000	Pass
5785	9.59	0.0091	30.00	1.0000	Pass
5825	9.61	0.0091	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	9.13	0.0082	30.00	1.0000	Pass
5785	9.02	0.0080	30.00	1.0000	Pass
5825	9.22	0.0084	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	12.43	0.0175	30.00	1.0000	Pass
5785	12.32	0.0171	30.00	1.0000	Pass
5825	12.43	0.0175	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	8.95	0.0079	30.00	1.0000	Pass
5795	8.79	0.0076	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	8.53	0.0071	30.00	1.0000	Pass
5795	8.31	0.0068	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	11.76	0.0150	30.00	1.0000	Pass
5795	11.57	0.0143	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 20) _ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	9.87	0.0097	30.00	1.0000	Pass
5785	9.91	0.0098	30.00	1.0000	Pass
5825	9.85	0.0097	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 20)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	9.13	0.0082	30.00	1.0000	Pass
5785	9.15	0.0082	30.00	1.0000	Pass
5825	9.12	0.0082	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 20)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5745	12.53	0.0179	30.00	1.0000	Pass
5785	12.56	0.0180	30.00	1.0000	Pass
5825	12.51	0.0178	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 40)_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	8.99	0.0079	30.00	1.0000	Pass
5795	8.75	0.0075	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 40)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	8.47	0.0070	30.00	1.0000	Pass
5795	8.10	0.0065	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 40)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5755	11.75	0.0150	30.00	1.0000	Pass
5795	11.45	0.0140	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	9.59	0.0091	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	8.65	0.0073	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5775	12.16	0.0164	30.00	1.0000	Pass

For Straddle Channel:

Test Mode	IEEE 802.11a_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	3.28	0.0021	30.00	1.0000	Pass

Test Mode	IEEE 802.11a_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	2.59	0.0018	30.00	1.0000	Pass

Test Mode	IEEE 802.11a_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	5.96	0.0039	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20) _ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	3.89	0.0024	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	3.30	0.0021	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT20)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	6.62	0.0046	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5710	0.28	0.0011	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5710	-0.36	0.0009	30.00	1.0000	Pass

Test Mode	IEEE 802.11n (HT40)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5710	2.98	0.0020	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 20) _ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	3.81	0.0024	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 20)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	3.21	0.0021	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 20)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5720	6.53	0.0045	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 40)_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5710	0.21	0.0010	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 40)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5710	-0.36	0.0009	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT 40)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5710	2.94	0.0020	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)_ Aux Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5690	-2.01	0.0006	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)_ Main Antenna	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5690	-2.98	0.0005	30.00	1.0000	Pass

Test Mode	IEEE 802.11ac (VHT80)_Total	Tested Date	2024/11/28~12/3

Frequency (MHz)	Conducted Power (dBm)	Conducted Power (W)	Max. Limit (dBm)	Max. Limit (W)	Result
5690	0.54	0.0011	30.00	1.0000	Pass

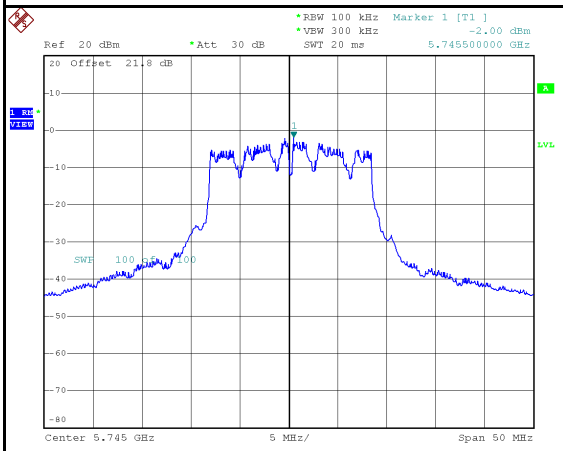
APPENDIX G POWER SPECTRAL DENSITY

Test Mode	IEEE 802.11a_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	-2.00	4.99	0.39	5.38	30.00	Pass
5785	-3.42	3.57	0.39	3.96	30.00	Pass
5825	-3.60	3.39	0.39	3.78	30.00	Pass

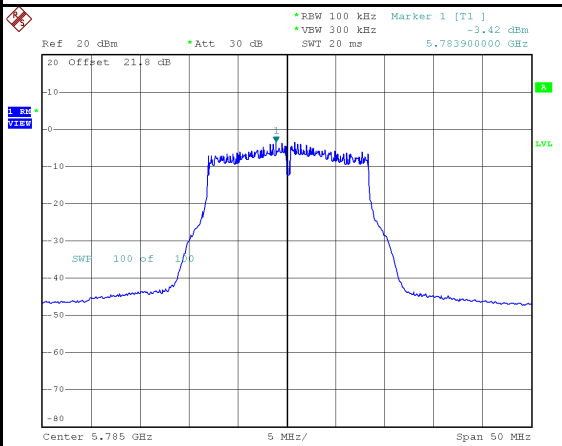
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$

5745 MHz



Date: 29.NOV.2024 16:20:02

5785 MHz



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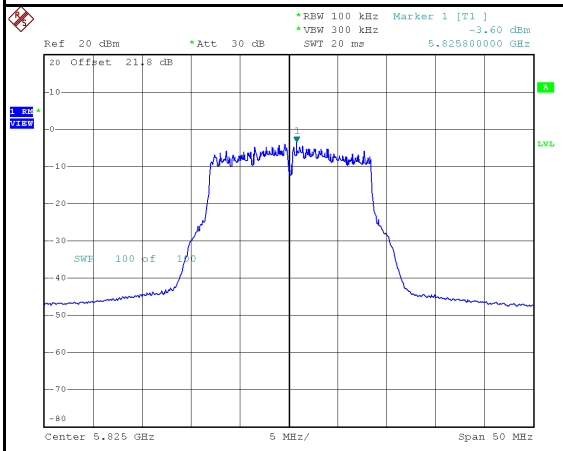
5825 MHz



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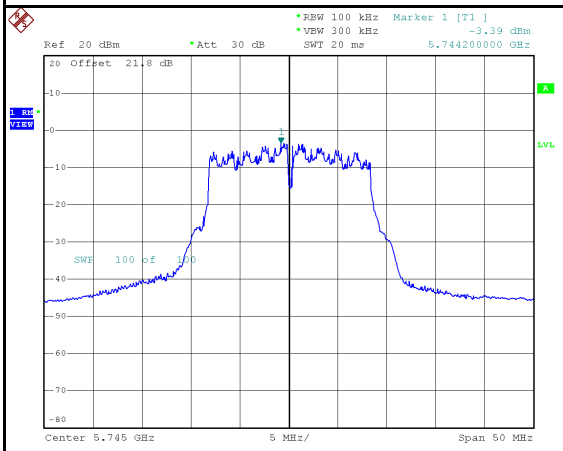
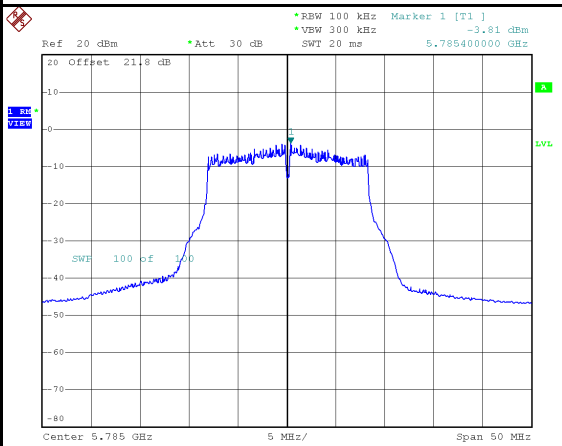
Test Mode	IEEE 802.11a_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	-3.39	3.60	0.39	3.99	30.00	Pass
5785	-3.81	3.18	0.39	3.57	30.00	Pass
5825	-4.72	2.27	0.39	2.66	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

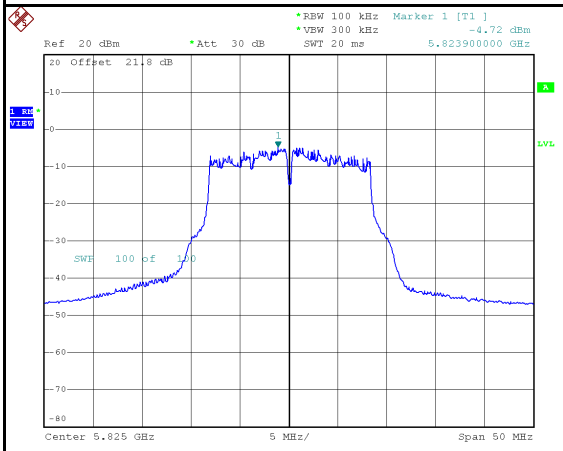
5745 MHz



5785 MHz



5825 MHz



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Test Mode	IEEE 802.11a _Total

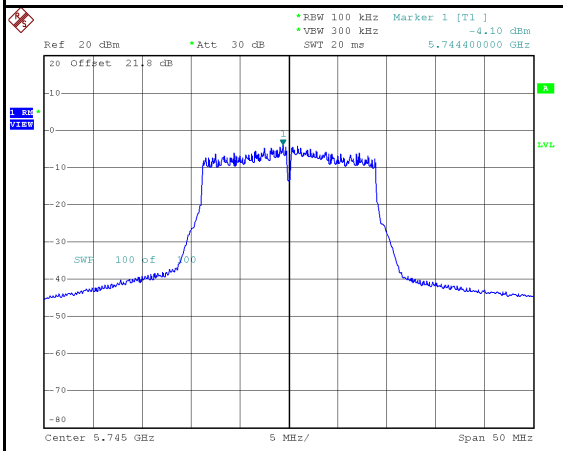
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	0.37	7.36	0.39	7.75	30.00	Pass
5785	-0.60	6.39	0.39	6.78	30.00	Pass
5825	-1.11	5.88	0.39	6.26	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

Test Mode	IEEE 802.11ac (VHT20)_ Aux Antenna

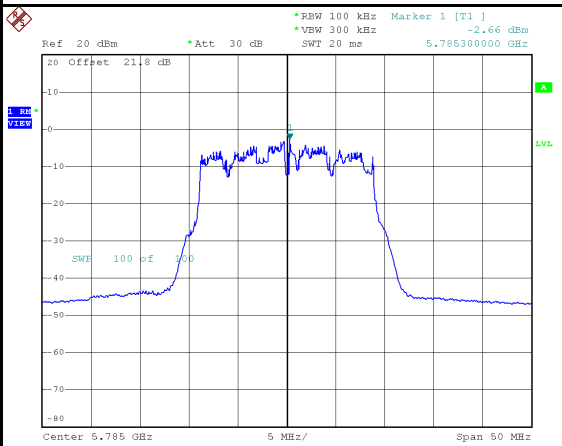
Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	-4.10	2.89	0.38	3.27	30.00	Pass
5785	-2.66	4.33	0.38	4.71	30.00	Pass
5825	-4.18	2.81	0.38	3.19	30.00	Pass

NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$

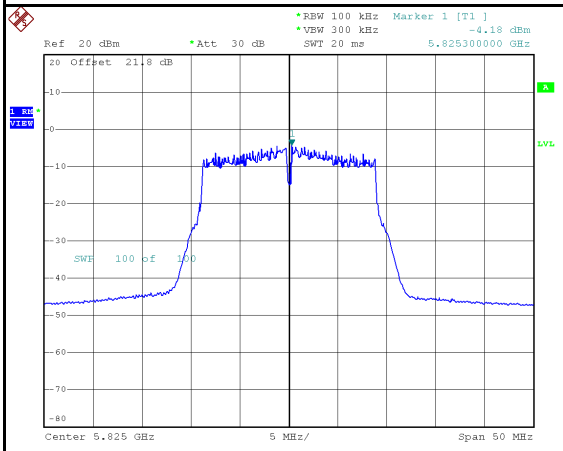
5745 MHz



5785 MHz



5825 MHz



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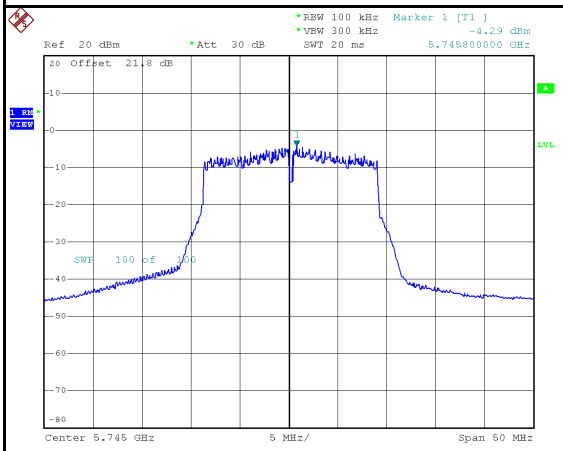
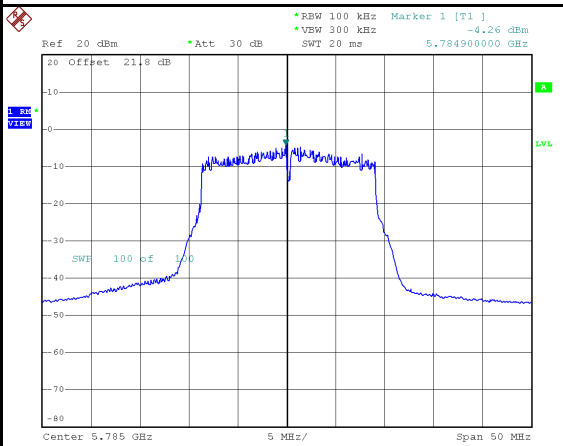
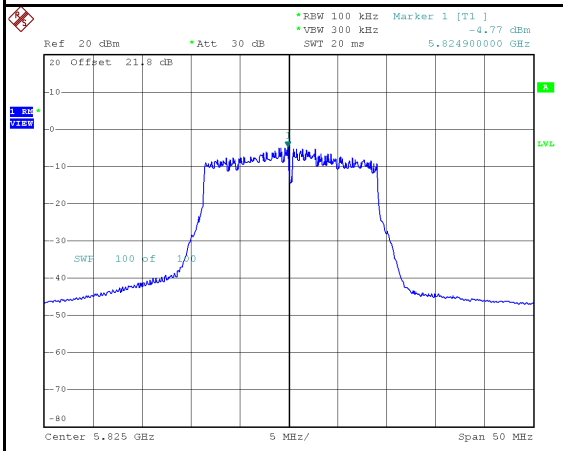
Test Mode	IEEE 802.11ac (VHT 20)_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	-4.29	2.70	0.38	3.08	30.00	Pass
5785	-4.26	2.73	0.38	3.11	30.00	Pass
5825	-4.77	2.22	0.38	2.60	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

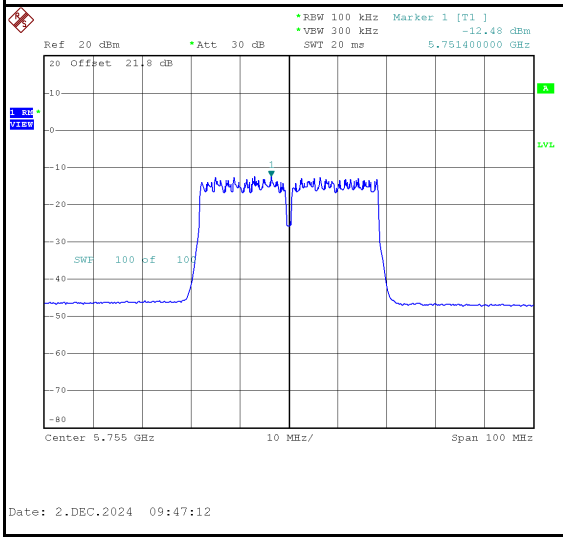
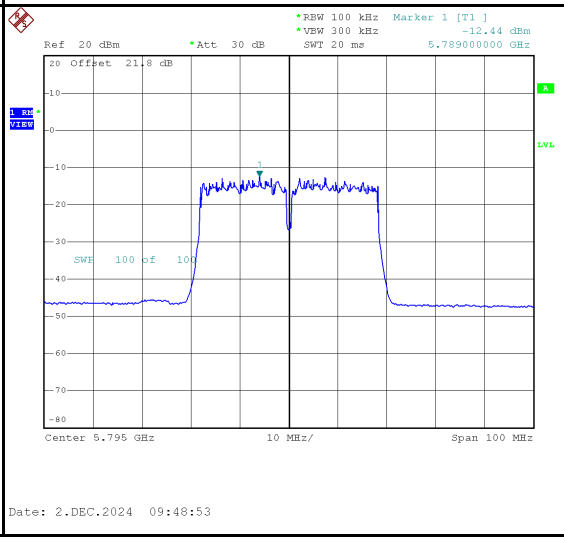
5745 MHz	5785 MHz
	
5825 MHz	-
	-

Test Mode	IEEE 802.11ac (VHT20)_Total

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5745	-1.18	5.81	0.38	6.19	30.00	Pass
5785	-0.38	6.61	0.38	6.99	30.00	Pass
5825	-1.45	5.54	0.38	5.92	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

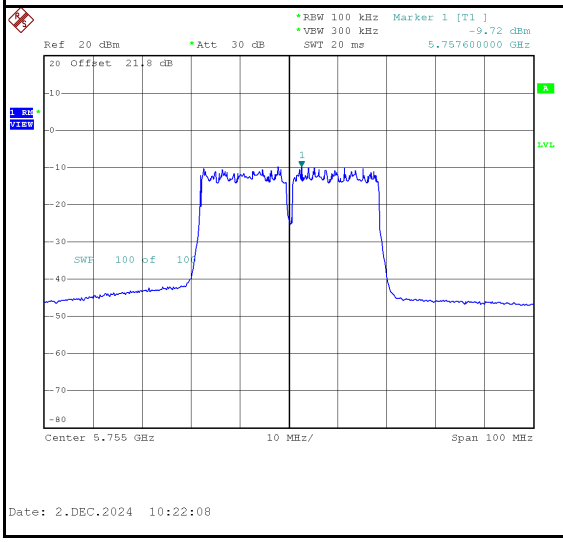
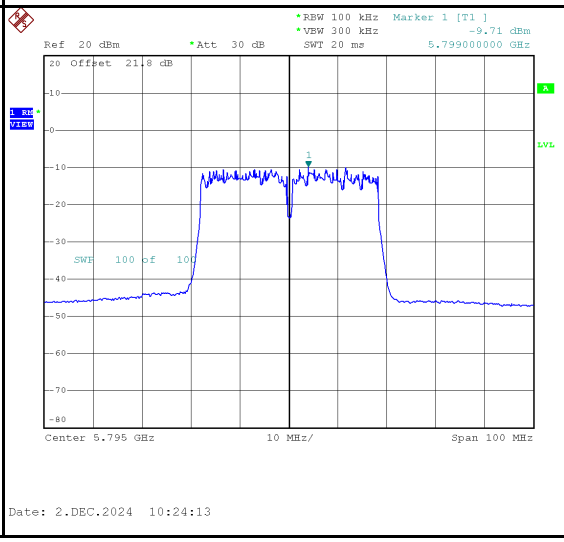
Test Mode	IEEE 802.11ac (VHT40)_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5755	-12.48	-5.49	0.83	-4.66	30.00	Pass
5795	-12.44	-5.45	0.83	-4.62	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5755 MHz	5795 MHz
	

Test Mode	IEEE 802.11ac (VHT40)_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5755	-9.72	-2.73	0.83	-1.90	30.00	Pass
5795	-9.71	-2.72	0.83	-1.89	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

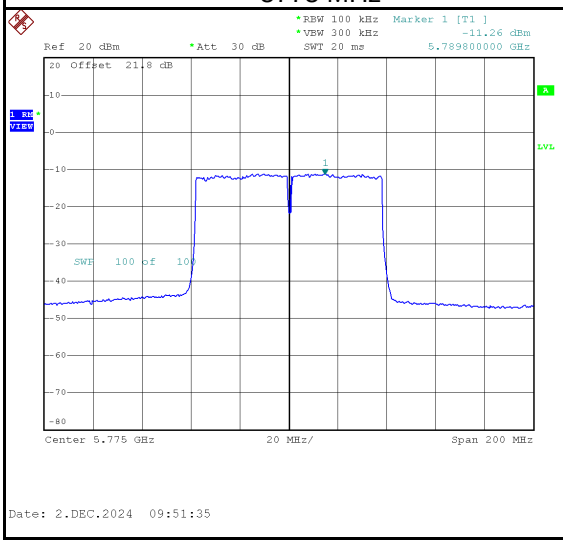
5755 MHz	5795 MHz
	

Test Mode	IEEE 802.11ac (VHT40)_Total

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5755	-7.87	-0.88	0.83	-0.06	30.00	Pass
5795	-7.85	-0.86	0.83	-0.04	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz}$ + 10 x log10(500 KHz / 100 kHz)						

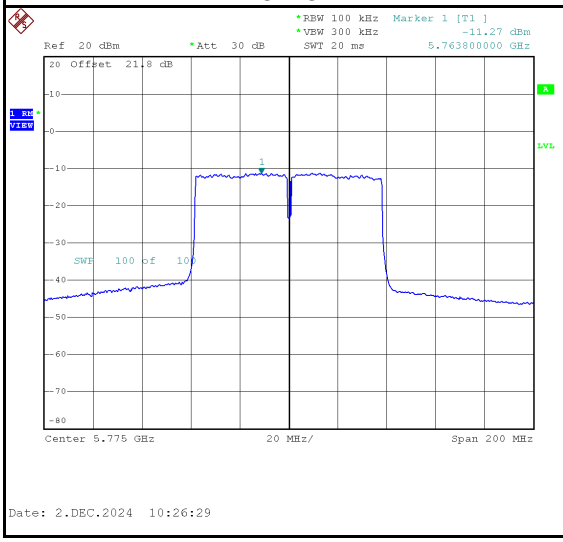
Test Mode	IEEE 802.11ac (VHT80)_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5775	-11.26	-4.27	1.62	-2.65	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5775 MHz	-
	-

Test Mode	IEEE 802.11ac (VHT80)_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5775	-11.27	-4.28	1.62	-2.66	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5775 MHz	-
	-

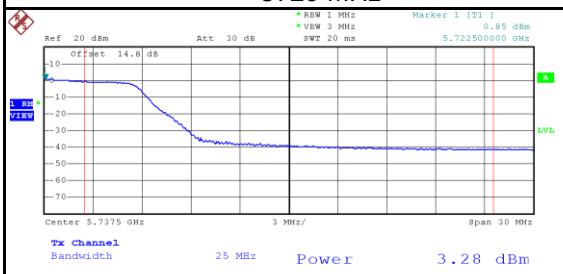
Test Mode	IEEE 802.11ac (VHT80)_Total

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5775	-8.25	-1.26	1.62	0.35	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

For Straddle Channel:

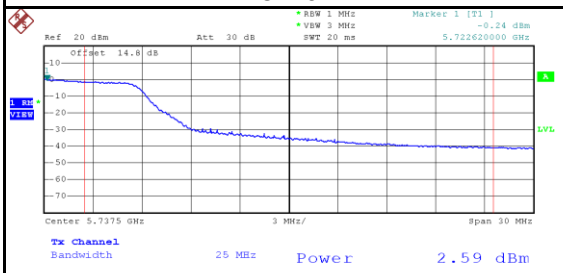
Test Mode	IEEE 802.11a_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5720	0.85	7.84	0.39	8.23	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5720 MHz	-
 Date: 2.DEC.2024 10:51:54	-

Test Mode	IEEE 802.11a_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5720	-0.24	6.75	0.39	7.14	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

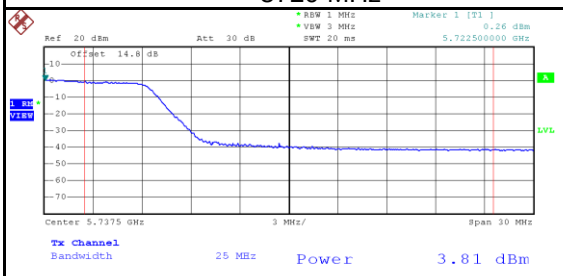
5720 MHz	-
 Date: 2.DEC.2024 10:52:33	-

Test Mode	IEEE 802.11a_Total

Test Frequency (MHz)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5720	10.73	30.00	Pass

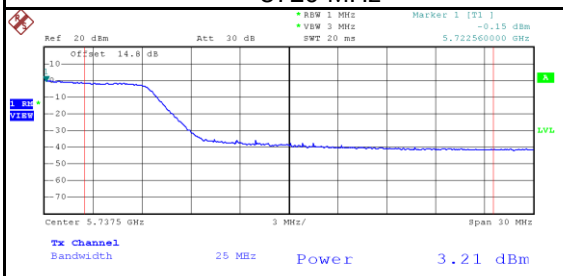
Test Mode	IEEE 802.11ac (VHT20)_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5720	0.26	7.25	0.38	7.63	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5720 MHz	-
	-
Date: 2.DEC.2024 10:54:31	

Test Mode	IEEE 802.11ac (VHT20)_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5720	-0.15	6.84	0.38	7.22	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

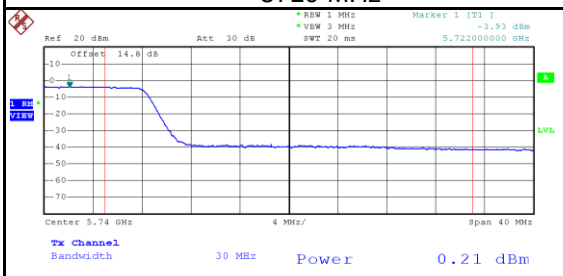
5720 MHz	-
	-
Date: 2.DEC.2024 10:54:53	

Test Mode	IEEE 802.11ac (VHT20)_Total

Test Frequency (MHz)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5720	10.44	30.00	Pass

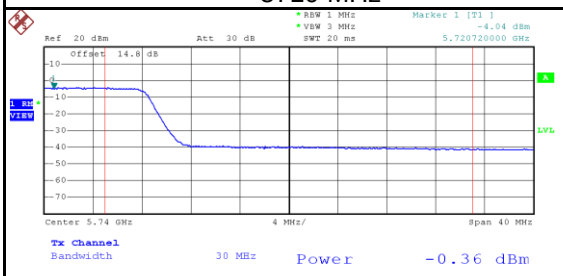
Test Mode	IEEE 802.11ac (VHT40)_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5710	-3.93	3.06	0.83	3.89	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5710 MHz	-
 Date: 2.DEC.2024 10:58:26	-

Test Mode	IEEE 802.11ac (VHT40)_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5710	-4.04	2.95	0.83	3.78	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

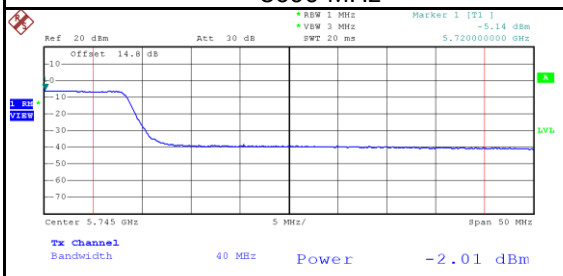
5710 MHz	-
 Date: 2.DEC.2024 10:58:49	-

Test Mode	IEEE 802.11ac (VHT40)_Total

Test Frequency (MHz)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5710	6.84	30.00	Pass

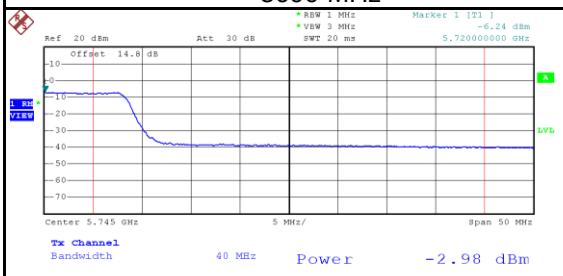
Test Mode	IEEE 802.11ac (VHT80)_ Aux Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5690	-5.14	1.85	1.62	3.47	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5690 MHz	-
	-

Test Mode	IEEE 802.11ac (VHT80)_ Main Antenna

Test Frequency (MHz)	Power Density (dBm/100 kHz)	Power Density (dBm/500 kHz)	Duty Factor (dB)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5690	-6.24	0.75	1.62	2.37	30.00	Pass
NOTE: $PSD_{dBm/500\ kHz} = PSD_{dBm/100KHz} + 10 \times \log10(500\ KHz / 100\ kHz)$						

5690 MHz	-
	-

Test Mode	IEEE 802.11ac (VHT80)_Total

Test Frequency (MHz)	Calculated Power Density (dBm/500 kHz)	Maximum Limit (dBm/500 kHz)	Result
5690	5.96	30.00	Pass

End of Test Report