



FCC Radio Test Report

FCC ID: 2ADUTLGPAU0H

This report concerns: Original Grant

Project No. : 2511C318
Equipment : Panda Wireless® PAU0H WiFi7 Bluetooth Wireless M2 Module
Brand Name : Panda Wireless
Model Name : PAU0H, IGU0H
Applicant : Panda Wireless, Inc.
Address : 15559 Union Ave., Suite 300, Los Gatos , CA95032, USA
Manufacturer : Panda Wireless, Inc.
Address : 15559 Union Ave., Suite 300, Los Gatos , CA95032, USA
Factory : Panda Wireless, Inc.
Address : 15559 Union Ave., Suite 300, Los Gatos , CA95032, USA
Date of Receipt : Nov. 13, 2025
Date of Test : Nov. 13, 2025 ~ Apr. 14, 2026
Issued Date : Jun. 09, 2026
Test Sample : Engineering Sample No.: DG92025111351, DG92025111351-1
Standard(s) : FCC CFR Title 47, Part 15, Subpart E

The above equipment has been tested and found compliance with the requirement of the relative standards by BTL Inc. (Dongguan).

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Declaration

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

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

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BTL's laboratory quality assurance procedures are in compliance with the ISO/IEC 17025: 2017 requirements, and accredited by the conformity assessment authorities listed in this test report.

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

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

Limitation

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

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

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REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-4-2511C318	R00	Original Report.	Jun. 09, 2026	Valid

1. APPLICABLE STANDARDS

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standard:

ANSI C63.10-2020

The following reference test guidance is not within the scope of accreditation of A2LA:

KDB 789033 D02 General UNII Test Procedures New Rules v02r01

KDB 662911 D01 Multiple Transmitter Output v02r01

2. SUMMARY OF TEST RESULTS

Test procedures according to the technical standard(s):

FCC CFR Title 47, Part 15, Subpart E				
Standard(s) Section	Test Item	Test Result	Judgment	Remark
15.207 15.407(b)	AC Power Line Conducted Emissions	APPENDIX A	PASS	-----
15.407(b) 15.205(a) 15.209(a)	Radiated Emissions	APPENDIX B APPENDIX C APPENDIX D	PASS	-----
15.407(a) 15.407(e)	Bandwidth	APPENDIX E	PASS	-----
15.407(a)	Maximum Output Power	APPENDIX F	PASS	-----
15.407(a)	Power Spectral Density	APPENDIX G	PASS	-----
15.407(g)	Frequency Stability	APPENDIX H	PASS	-----
15.203	Antenna Requirements	-----	PASS	NOTE (2)
15.407(c)	Automatically Discontinue Transmission	-----	PASS	NOTE (3)

Note:

- (1) "N/A" denotes test is not applicable in this test report.
- (2) The device what use a non-standard antenna jack were considered sufficient to comply with the provisions of 15.203.
- (3) During no any information transmission, the EUT can automatically discontinue transmission and become standby mode for power saving. the EUT can detect the controlling signal of ACK message transmitting from remote device and verify whether it shall resend or discontinue transmission.
- (4) For UNII-1 this device was functioned as a
 - ☐ Outdoor access point device
 - ☐ Indoor access point device
 - ☐ Fixed point-to-point access points device
 - ☒ Client device

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of

1# For radiated 1GHz to 18GHz: Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

2# For other items: No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

BTL's Registration Number for FCC: 747969

BTL's Designation Number for FCC: CN1377

2.2 MEASUREMENT UNCERTAINTY

ISO/IEC 17025 requires that an estimate of the measurement uncertainties associated with the emissions test results be included in the report. The measurement uncertainties given below are based on a 95% confidence level (based on a coverage factor (k=2))

The BTL measurement uncertainty as below table:

A. AC power line conducted emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLC02	CISPR	150kHz ~ 30MHz	2.66

B. Radiated emissions test:

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03	CISPR	9kHz ~ 30MHz	2.26

Test Site	Method	Measurement Frequency Range	Ant. H / V	U,(dB)
DGDLCB03 (3m)	CISPR	30MHz ~ 200MHz	V	4.40
		30MHz ~ 200MHz	H	3.62
		200MHz ~ 1,000MHz	V	4.58
		200MHz ~ 1,000MHz	H	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DGGDCB01 (3m)	CISPR	1GHz ~ 18GHz	3.98

Test Site	Method	Measurement Frequency Range	U,(dB)
DGDLCB03 (1m)	CISPR	18 ~ 26.5 GHz	4.30
		26.5 ~ 40 GHz	4.74

C. Conducted test:

Test Item	Uncertainty
Bandwidth	0.75 %
Maximum Output Power	1.3 dB
Power Spectral Density	1.8 dB
Frequency Stability	1.4 ppm
Temperature	0.7 °C
Humidity	1.7 %

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

2.3 TEST ENVIRONMENT CONDITIONS

Test Item	Temperature	Humidity	Test Voltage	Tested By
AC Power Line Conducted Emissions	22°C	51%	AC 120V/60Hz	Hayden Chen
Radiated Emissions -9kHz to 30MHz	22°C	50%	DC 3.3V	Hayden Chen
Radiated Emissions -30MHz to 1000MHz	22°C	50%	DC 3.3V	Torin Long
Radiated Emissions -Above 1000 MHz	24-26°C	38-51%	DC 3.3V	Lafu Li
Radiated Emissions -Above 18000 MHz	22°C	50%	DC 3.3V	Torin Long
Bandwidth	22°C	56%	DC 3.3V	Jayden Li
Maximum Output Power	23°C	42-51%	DC 3.3V	Arvin Tong
Power Spectral Density	22-24°C	54-56%	DC 3.3V	Jayden Li
Frequency Stability	Normal & Extreme	45%	Normal & Extreme	Jayden Li

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	Panda Wireless® PAU0H WiFi7 Bluetooth Wireless M2 Module
Brand Name	Panda Wireless
Test Model	PAU0H
Model Name	PAU0H, IGU0H
Model Difference(s)	Only differ in model name.
Hardware Version	V12
Software Version	MTK_WIFI7_WHQL_WLAN_V24.20.3.35_BT_V24.20.3.35_Rel_20241018
Power Source	DC Power supply.
Power Rating	DC 3.3V
Operation Frequency Band(s)	UNII-1: 5150 MHz ~ 5250 MHz UNII-2A: 5250 MHz ~ 5350 MHz UNII-2C: 5470 MHz ~ 5725 MHz UNII-3: 5725 MHz ~ 5850 MHz
Modulation Type	IEEE 802.11a/n/ac: OFDM IEEE 802.11ax/be: OFDMA
Bit Rate of Transmitter	IEEE 802.11a: 54/48/36/24/18/12/9/6 Mbps IEEE 802.11n: up to 300 Mbps IEEE 802.11ac: up to 1733.4 Mbps IEEE 802.11ax: up to 2402 Mbps IEEE 802.11be: up to 2882 Mbps
Maximum Output Power UNII-1	IEEE 802.11be(EHT40): 22.57 dBm (0.1809 W)
Maximum Output Power UNII-2A	IEEE 802.11be(EHT80): 23.33 dBm (0.2153 W)
Maximum Output Power UNII-2C	IEEE 802.11be(EHT80): 23.42 dBm (0.2198 W)
Maximum Output Power UNII-3	IEEE 802.11a: 27.66 dBm (0.5839 W)

Note:

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

2. Channel List:

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
UNII-2A		UNII-2A		UNII-2A	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
52	5260	54	5270	58	5290
56	5280	62	5310		
60	5300				
64	5320				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590		
112	5560	126	5630		
116	5580	134	5670		
120	5600				
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20) IEEE 802.11be(EHT20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40) IEEE 802.11be(EHT40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80) IEEE 802.11be(EHT80)	
UNII-3		UNII-3		UNII-3	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
149	5745	151	5755	155	5775
153	5765	159	5795		
157	5785				
161	5805				
165	5825				

IEEE 802.11ac(VHT160) IEEE 802.11ax(HE160) IEEE 802.11be(EHT160)	
Channel	Frequency (MHz)
50	5250
114	5570

3. Antenna Specification:

Ant.	Manufacturer	P/N	Antenna Type	Connector	Gain (dBi)
1	Tengxiang Technology. Inc	AN2457-33LBC0 3RS-B	Dipole	IPEX	4.5
2	Tengxiang Technology. Inc	AN2457-33LBC0 3RS-B	Dipole	IPEX	4.5

Note:

1) This EUT supports CDD, and all antennas have the same gain.

For power measurements, Directional gain = $G_{ANT} + \text{Array Gain}$. Array Gain=0dB ($N_{ANT} \leq 4$), so the Directional gain=4.5.

For power spectral density measurements, Directional gain= $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dBi, that is Directional gain= $10 \log[(10^{4.5/20} + 10^{4.5/20})^2 / 2]$ dBi = 7.51.

So, the UNII-1, UNII-2A and UNII-2C power spectral density limit is $11 - (7.51 - 6) = 9.49$, the UNII-3 power spectral density limit is $30 - (7.51 - 6) = 28.49$.

4. Table for Antenna Configuration:

Operating Mode	TX Mode	2TX
IEEE 802.11a		V (Ant. 1 + Ant. 2)
IEEE 802.11n(HT20)		V (Ant. 1 + Ant. 2)
IEEE 802.11n(HT40)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac(VHT20)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac(VHT40)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac(VHT80)		V (Ant. 1 + Ant. 2)
IEEE 802.11ac(VHT160)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE20)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE40)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE80)		V (Ant. 1 + Ant. 2)
IEEE 802.11ax(HE160)		V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT20)		V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT40)		V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT80)		V (Ant. 1 + Ant. 2)
IEEE 802.11be(EHT160)		V (Ant. 1 + Ant. 2)

3.2 TEST MODES

The test system was pre-tested based on the consideration of all possible combinations of EUT operation mode.

Pretest Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 5	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 6	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 7	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 8	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 9	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 10	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 11	TX BE(EHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 12	TX BE(EHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 13	TX BE(EHT80) Mode Channel 106/122 (UNII-2C)
Mode 14	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 15	TX A Mode Channel 149/157/165 (UNII-3)
Mode 16	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 17	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 18	TX BE(EHT80) Mode Channel 155 (UNII-3)
Mode 19	TX A Mode Channel 157(UNII-3)

Following mode(s) was (were) found to be the worst case(s) and selected for the final test.

AC power line conducted emissions test	
Final Test Mode	Description
Mode 19	TX A Mode Channel 157(UNII-3)

Radiated Emissions Test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 19	TX A Mode Channel 157(UNII-3)

Radiated Emissions Test - 1 GHz - 18 GHz	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 5	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 6	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 7	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 8	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 9	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 10	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 11	TX BE(EHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 12	TX BE(EHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 13	TX BE(EHT80) Mode Channel 106/122 (UNII-2C)
Mode 14	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 15	TX A Mode Channel 149/157/165 (UNII-3)
Mode 16	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 17	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 18	TX BE(EHT80) Mode Channel 155 (UNII-3)

Conducted Test	
Final Test Mode	Description
Mode 1	TX A Mode Channel 36/40/48 (UNII-1)
Mode 2	TX BE(EHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX BE(EHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX BE(EHT80) Mode Channel 42 (UNII-1)
Mode 5	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 6	TX BE(EHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 7	TX BE(EHT40) Mode Channel 54/62 (UNII-2A)
Mode 8	TX BE(EHT80) Mode Channel 58 (UNII-2A)
Mode 9	TX BE(EHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 10	TX A Mode Channel 100/116/140 (UNII-2C)
Mode 11	TX BE(EHT20) Mode Channel 100/116/140 (UNII-2C)
Mode 12	TX BE(EHT40) Mode Channel 102/110/134 (UNII-2C)
Mode 13	TX BE(EHT80) Mode Channel 106/122 (UNII-2C)
Mode 14	TX BE(EHT160) Mode Channel 114 (UNII-2C)
Mode 15	TX A Mode Channel 149/157/165 (UNII-3)
Mode 16	TX BE(EHT20) Mode Channel 149/157/165 (UNII-3)
Mode 17	TX BE(EHT40) Mode Channel 151/159 (UNII-3)
Mode 18	TX BE(EHT80) Mode Channel 155 (UNII-3)

Note:

- (1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX A Mode Channel 157(UNII-3) is found to be the worst case and recorded.
- (2) For radiated emission above 1 GHz test, the spurious points of 1GHz~26.5GHz and 26.5GHz~40GHz have been pre-tested and in this report only recorded the worst case. The remaining spurious points are all below the limit value of 20dB.
- (3) For radiated emission Harmonic 18-40GHz test, only tested the worst case and recorded.
- (4) All the bit rate of transmitter have been tested and found the lowest rate is found to be the worst case and recorded.
- (5) EHT20/EHT40/EHT80/EHT160 covers HT20/HT40, VHT20/VHT40/VHT80/VHT160 and HE20/HE40/HE80/HE160, due to same modulation (in full RU). The power setting for 802.11n HT20/HT40, 802.11ac VHT20/VHT40/VHT80/VHT160 and 802.11ax HE20/HE40/HE80/HE160 are the same or lower than 802.11be EHT20/EHT40/EHT80/EHT160.
- (6) IEEE 802.11ax mode and IEEE 802.11be mode only support full RU, so only the full RU is evaluated and measured inside report.
- (7) For radiated emission above 1 GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is Vertical and recorded.

3.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software Version	QATool_20230920		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	14.5	14.5	14
IEEE 802.11be(EHT20)	14.5	14.5	14
Frequency (MHz)	5190	5230	
IEEE 802.11be(EHT40)	17.5	18	
Frequency (MHz)	5210		
IEEE 802.11be(EHT80)	15.5		

UNII-2A			
Test Software Version	QATool_20230920		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	13	13	13
IEEE 802.11be(EHT20)	13.5	13	13
Frequency (MHz)	5270	5310	
IEEE 802.11be(EHT40)	17	17	
Frequency (MHz)	5290		
IEEE 802.11be(EHT80)	18.5		

UNII-1+UNII-2A	
Test Software Version	QATool_20230920
Frequency (MHz)	5250
IEEE 802.11be(EHT160)	17

UNII-2C			
Test Software Version	QATool_20230920		
Frequency (MHz)	5500	5580	5700
IEEE 802.11a	14.5	15	15.5
IEEE 802.11be(EHT20)	15	15.5	15.5
Frequency (MHz)	5510	5550	5670
IEEE 802.11be(EHT40)	18.5	19.5	19
Frequency (MHz)	5530	5610	
IEEE 802.11be(EHT80)	20	20	
Frequency (MHz)	5570		
IEEE 802.11be(EHT160)	20		

UNII-3			
Test Software Version	QATool_20230920		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	25.5	26.5	25.5
IEEE 802.11be(EHT20)	24.5	26.5	26.5
Frequency (MHz)	5755	5795	
IEEE 802.11be(EHT40)	23	25.5	
Frequency (MHz)	5775		
IEEE 802.11be(EHT80)	22		

3.4 DUTY CYCLE

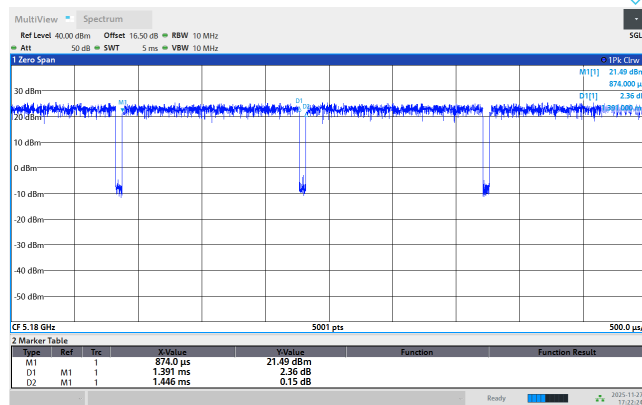
If duty cycle is $\geq 98\%$, duty factor is not required.

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

The output power = measured power + duty factor.

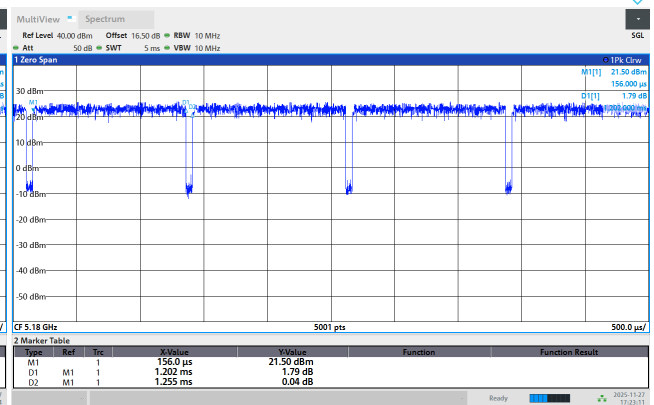
The power spectral density = measured power spectral density + duty factor.

802.11a



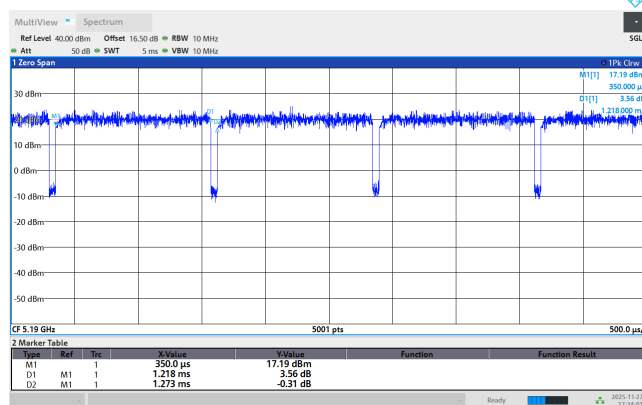
Duty cycle = $1.391 \text{ ms} / 1.446 \text{ ms} = 96.20\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.17 \text{ dB}$

802.11be(EHT20)



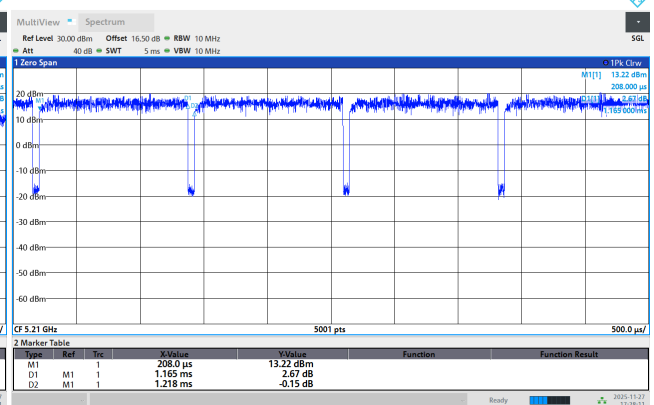
Duty cycle = $1.202 \text{ ms} / 1.255 \text{ ms} = 95.78\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.19 \text{ dB}$

802.11be(EHT40)



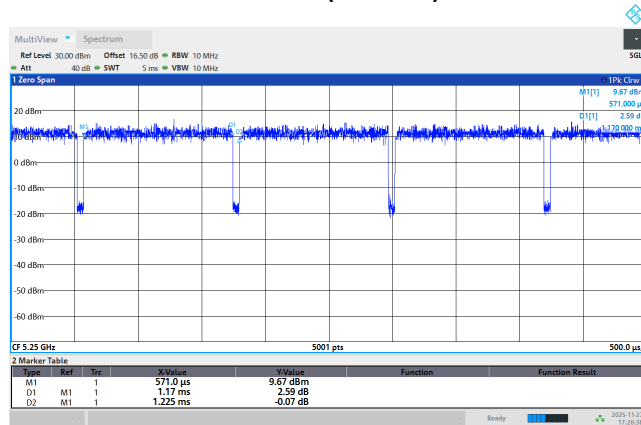
Duty cycle = $1.218 \text{ ms} / 1.273 \text{ ms} = 95.68\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.19 \text{ dB}$

802.11be(EHT80)



Duty cycle = $1.165 \text{ ms} / 1.218 \text{ ms} = 95.65\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.19 \text{ dB}$

802.11be(EHT160)



Duty cycle = 1.170 ms / 1.225 ms = 95.51%
Duty Factor = 10 log(1/Duty cycle) = 0.20 dB

NOTE:

For IEEE 802.11a:

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 719 Hz (Duty cycle < 98%).

For IEEE 802.11be(EHT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 832 Hz (Duty cycle < 98%).

For IEEE 802.11be(EHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 821 Hz (Duty cycle < 98%).

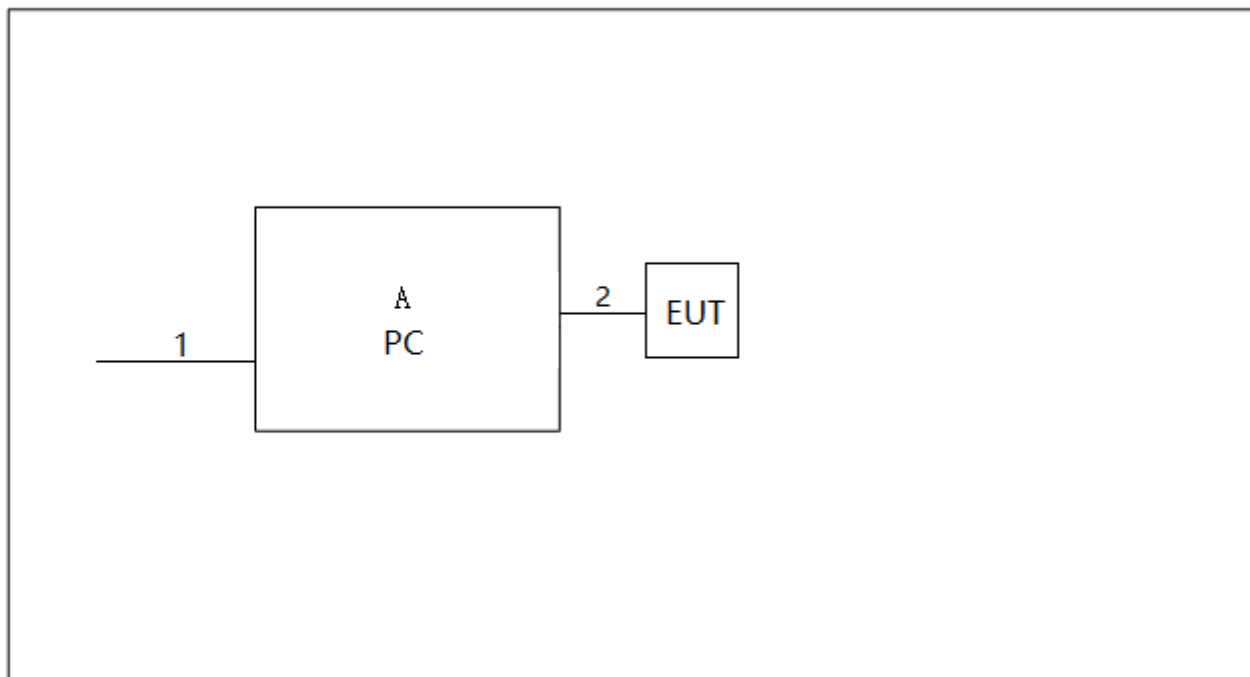
For IEEE 802.11be(EHT80):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 858 Hz (Duty cycle < 98%).

For IEEE 802.11be(EHT160):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 855 Hz (Duty cycle < 98%).

3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED



3.6 SUPPORT UNITS

Item	Equipment	Brand	Model No.	Series No.
A	PC	Lenovo	pc01468	N/A

For radiated emission (1 GHz to 18 GHz)

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	N/A	N/A	1.5m
2	USB Cable	N/A	N/A	2m

For AC Power Line conducted and radiated emission(Below 1GHz and above 18GHz):

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	AC Cable	N/A	N/A	1.5m
2	USB Cable	N/A	N/A	0.8m

3.7 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain is provided by the manufacturer.
- 2) Except for AC power line conducted emissions and radiated emissions, the results of all test items include cable losses. All cable losses are provided by the testing laboratory.

4. AC POWER LINE CONDUCTED EMISSIONS

4.1 LIMIT

Frequency (MHz)	Limit (dBμV)	
	Quasi-peak	Average
0.15 - 0.5	66 to 56*	56 to 46*
0.5 - 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

4.2 TEST PROCEDURE

- a. The EUT was placed 0.8 meters from the horizontal ground plane with EUT being connected to the power mains through a line impedance stabilization network (LISN). All other support equipment powered from additional LISN(s). The LISN provide 50 Ohm/ 50uH of coupling 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 30 to 40 cm long.
- c. I/O cables that are not connected to a peripheral shall be bundled in the center. The end of the cable may be terminated, if required, using the correct terminating impedance. The overall length shall not exceed 1 m.
- d. LISN at least 80 cm from nearest part of EUT chassis.
- e. For the actual test configuration, please refer to the related Item -EUT Test Photos.

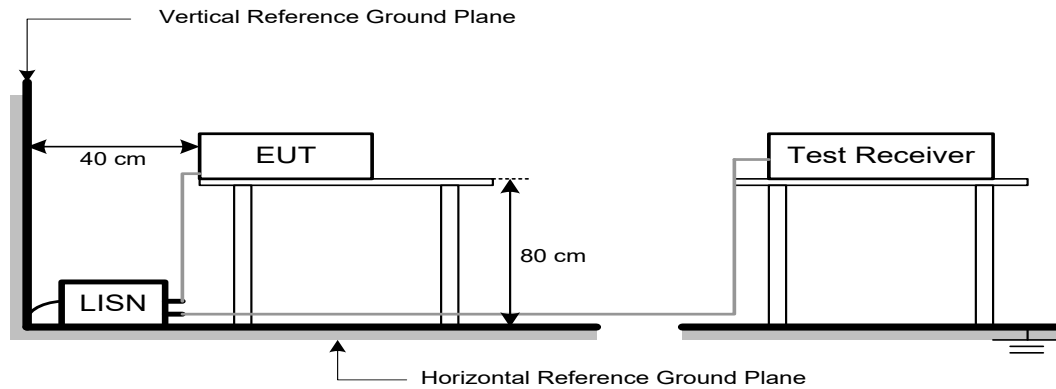
The following table is the setting of the receiver:

Receiver Parameter	Setting
Start Frequency	0.15 MHz
Stop Frequency	30 MHz
IF Bandwidth	9 kHz

4.3 DEVIATION FROM TEST STANDARD

No deviation

4.4 TEST SETUP



4.5 EUT OPERATION CONDITIONS

The EUT was configured for testing in a typical fashion (as a customer would normally use it). The EUT has been programmed to continuously transmit during test. This operating condition was tested and used to collect the included data.

The EUT was programmed to be in continuously transmitting/TX mode.

4.6 TEST RESULTS

Please refer to the APPENDIX A.

5. RADIATED EMISSIONS

5.1 LIMIT

In case the emission fall within the restricted band specified on 15.205(a), then the 15.209(a) 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
Above 960	500	3

LIMITS OF UNWANTED EMISSION OUT OF THE RESTRICTED BANDS (Above 1000 MHz)

Frequency (MHz)	EIRP Limit (dBm/MHz)	Band edge at 3m (dBμV/m)	Harmonic at 1m (dBμV/m)
5150-5250	-27	68.2	77.7 (Note 3)
5250-5350	-27	68.2	77.7 (Note 3)
5470-5725	-27	68.2	77.7 (Note 3)
5725-5850 NOTE (2)	-27	68.2	77.7 (Note 3)
	10	105.2	114.7 (Note 3)
	15.6	110.8	120.3 (Note 3)
	27	122.2	131.7 (Note 3)

NOTE:

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

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

- (2) According to 15.407(b)(4)(i), 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)

$$FS_{\text{limit}} = FS_{\text{max}} - 20\log\left(\frac{d_{\text{limit}}}{d_{\text{measure}}}\right)$$

$20\log(d_{\text{limit}}/d_{\text{measure}}) = 20\log(3/1) = 9.5 \text{ dB}$.

FS_{limit} : Harmonic at 3m Peak and Average limit.

FS_{max} : Harmonic at 1m Peak and Average Maximum value.

d_{limit} : Harmonic at 3m test distance.

d_{measure} : Harmonic Actual test distance.

- (4) 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

5.2 TEST PROCEDURE

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

The following table is the setting of the receiver:

Spectrum Parameters	Setting
Start ~ Stop Frequency	9 kHz~150 kHz for RBW 200 Hz
Start ~ Stop Frequency	0.15 MHz~30 MHz for RBW 9 kHz
Start ~ Stop Frequency	30 MHz~1000 MHz for RBW 100 kHz

Spectrum Parameters	Setting
Start Frequency	1000 MHz
Stop Frequency	10th carrier harmonic or 40 GHz, whichever is lower
RBW / VBW (Emission in restricted band)	1 MHz / 3 MHz for PK value 1 MHz / 1/T Hz for AVG value

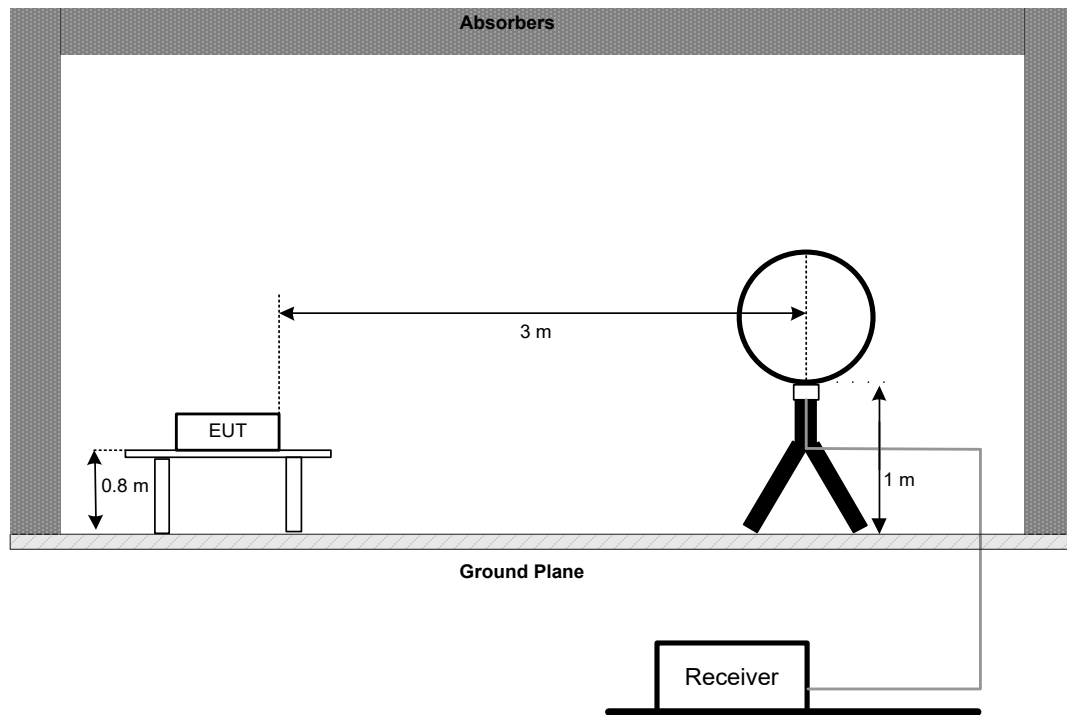
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector
Start ~ Stop Frequency	1 GHz~40 GHz for PK/AVG detector

5.3 DEVIATION FROM TEST STANDARD

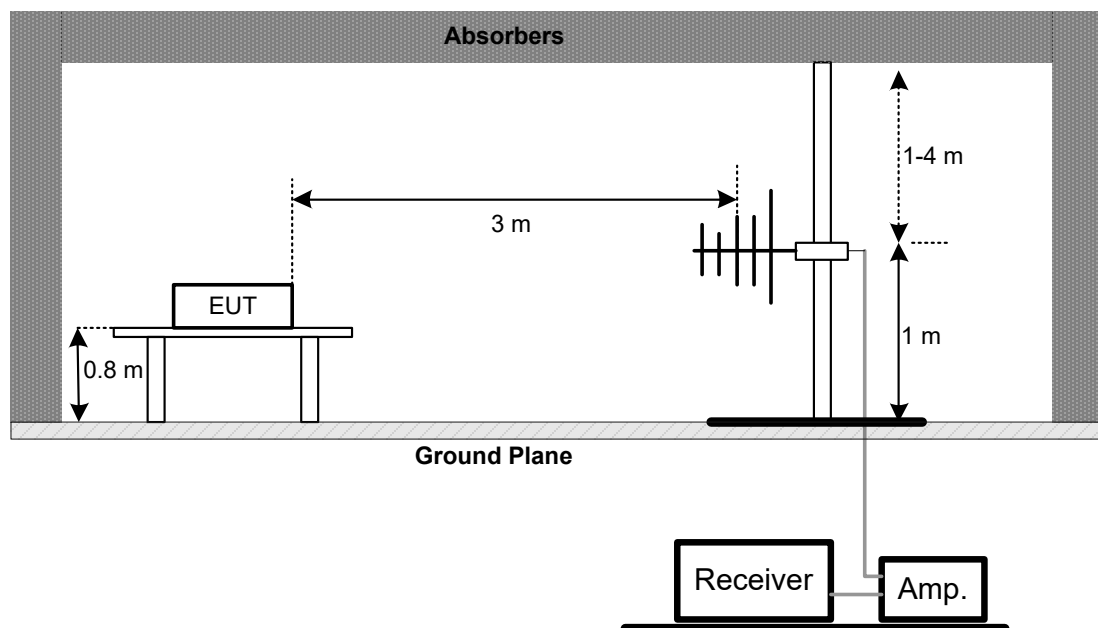
No deviation.

5.4 TEST SETUP

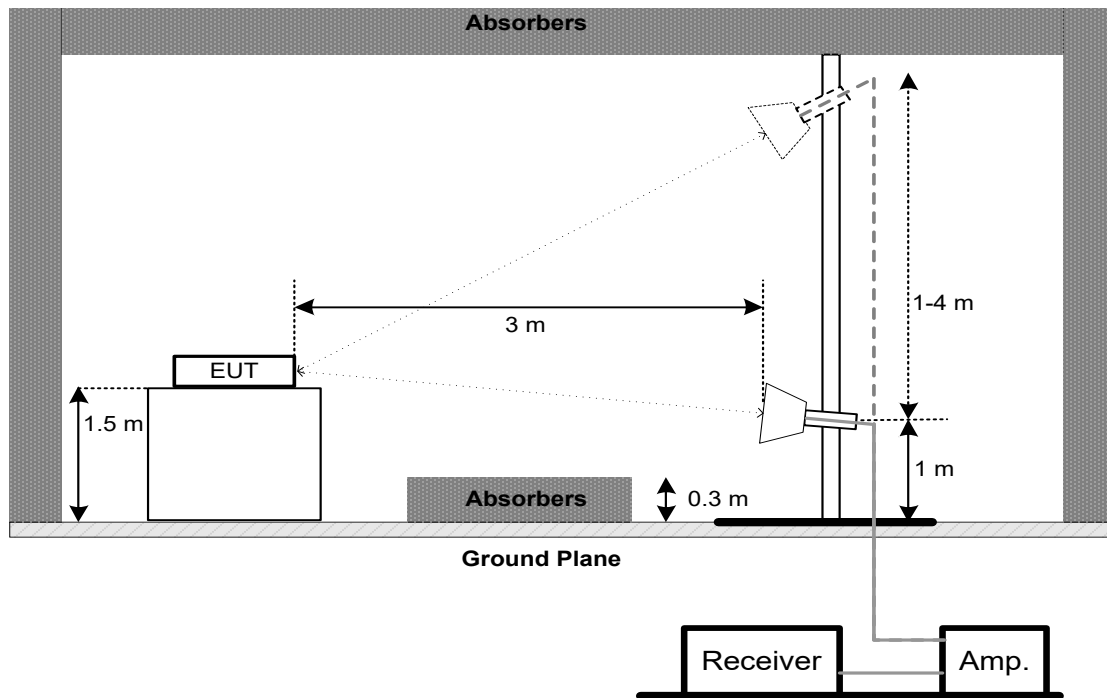
9 kHz to 30 MHz



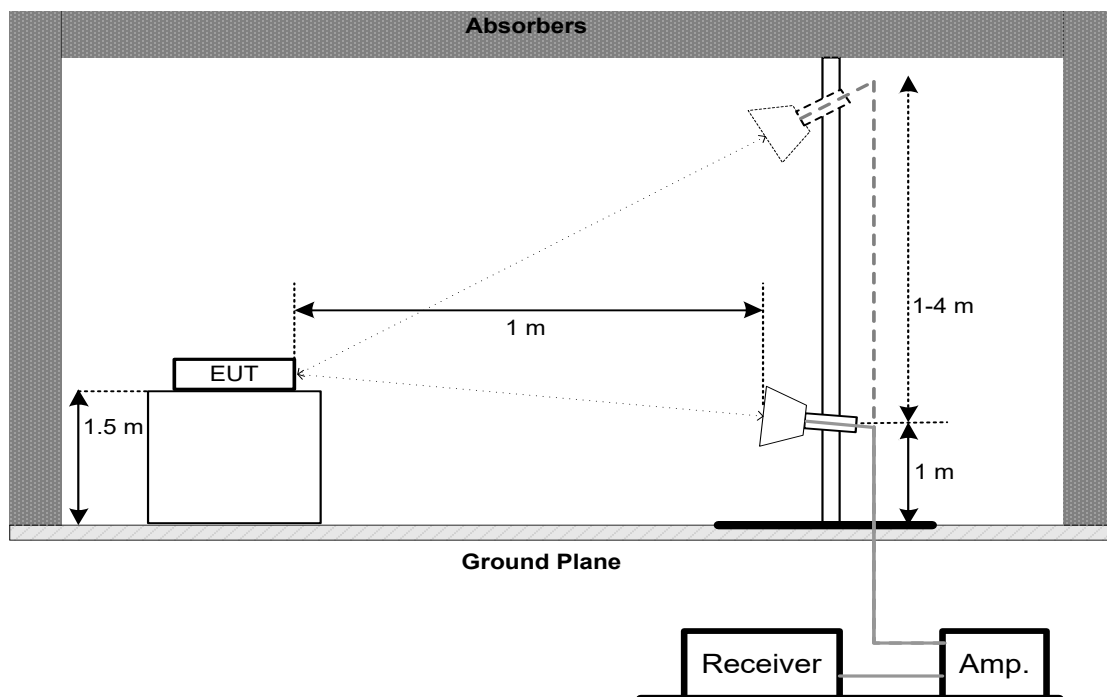
30 MHz to 1 GHz



Above 1 GHz Band edge & Harmonic(1 GHz to 18 GHz)



Harmonic(18 GHz to 40 GHz)



5.5 EUT OPERATION CONDITIONS

The EUT tested system was configured as the statements of 3.5 unless otherwise a special operating condition is specified in the follows during the testing.

5.6 TEST RESULTS - 9 KHZ TO 30 MHZ

Please refer to the APPENDIX B.

Remark:

- (1) Distance extrapolation factor = $40 \log (\text{specific distance} / \text{test distance})$ (dB).
- (2) Limit line = specific limits (dBuV) + distance extrapolation factor.

5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ

Please refer to the APPENDIX C.

5.8 TEST RESULTS - ABOVE 1000 MHZ

Please refer to the APPENDIX D.

Remark:

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

6. BANDWIDTH

6.1 LIMIT

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

6.2 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:
For UNII-1, UNII-2A, UNII-2C:

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

For UNII-3:

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

For 99% Occupied Bandwidth:

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

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

6.3 DEVIATION FROM STANDARD

No deviation.

6.4 TEST SETUP



6.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

6.6 TEST RESULTS

Please refer to the APPENDIX E.

7. MAXIMUM OUTPUT POWER

7.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Maximum Output Power	AP device: 1 Watt (30 dBm) Client device: 250 mW (23.98 dBm)	5150-5250
		250 mW (23.98 dBm)	5250-5350
		250 mW (23.98 dBm)	5470-5725
		1 Watt (30dBm)	5725-5850

Note:

- For client devices in the 5.15-5.25 GHz band, the maximum conducted output power over the frequency band of operation shall not exceed 250 mW provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 11 dBm in any 1 megahertz band. If transmitting antennas of directional gain greater than 6 dBi are used, both the maximum conducted output power and the maximum power spectral density shall be reduced by the amount in dB that the directional gain of the antenna exceeds 6 dBi.
- For the 5.25-5.35 GHz and 5.47-5.725 GHz bands, the maximum conducted output power over the frequency bands of operation shall not exceed the lesser of 250 mW or 11 dBm + 10log B, where B is the 26dB Bandwidth in megahertz.

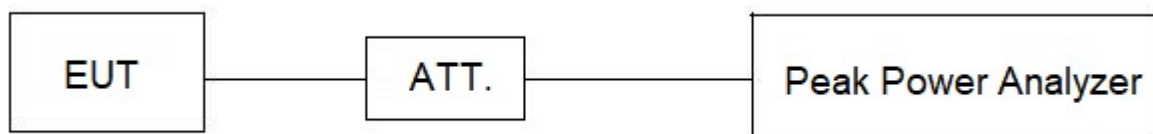
7.2 TEST PROCEDURE

- The EUT was directly connected to the peak power analyzer and antenna output port as show in the block diagram below.
- The test was performed in accordance with method of FCC KDB 789033 D02 General UNII Test Procedures New Rules v02r01.

7.3 DEVIATION FROM STANDARD

No deviation.

7.4 TEST SETUP



7.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

7.6 TEST RESULTS

Please refer to the APPENDIX F.

8. POWER SPECTRAL DENSITY

8.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(a)	Power Spectral Density	AP device: 17 dBm/MHz Client device: 11 dBm/MHz	5150-5250
		11 dBm/MHz	5250-5350
		11 dBm/MHz	5470-5725
		30 dBm/500 kHz	5725-5850

8.2 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:
For UNII-1, UNII-2A, UNII-2C:

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

For UNII-3:

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

Note:

- For UNII-3, according to KDB publication 789033 D02 General UNII Test Procedures New Rules v02r01, section II.F.5., it is acceptable to set RBW at 100kHz and VBW at 300kHz if the spectrum analyzer does not have 500 kHz RBW. Then, add $10 \log (500 \text{ kHz}/100 \text{ kHz})$ to the measured result, i.e. 6.99 dB.

8.3 DEVIATION FROM STANDARD

No deviation.

8.4 TEST SETUP



8.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

8.6 TEST RESULTS

Please refer to the APPENDIX G.

9. FREQUENCY STABILITY

9.1 LIMIT

Section	Test Item	Limit	Frequency Range (MHz)
FCC 15.407(g)	Frequency Stability	An emission is maintained within the band of operation under all conditions of normal operation as specified in the users manual.	5150-5250
			5250-5350
			5470-5725
			5725-5850

9.2 TEST PROCEDURE

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

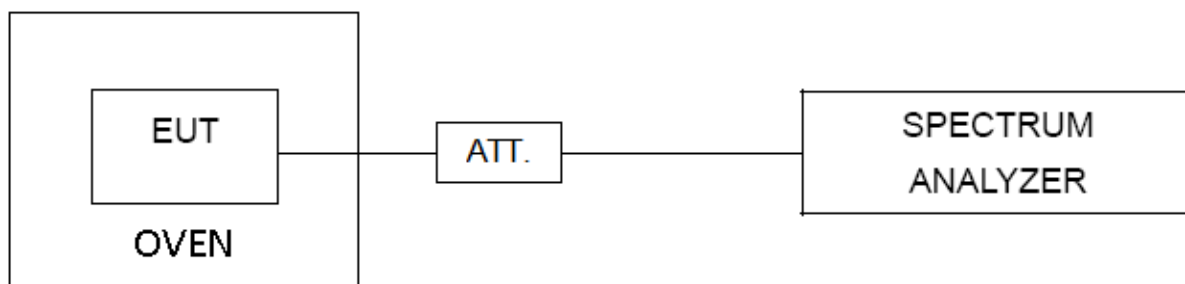
Spectrum Parameter	Setting
Span	Entire absence of modulation emissions bandwidth
RBW	10 kHz
VBW	10 kHz
Detector	Peak
Trace	Max Hold
Sweep Time	Auto

- The test extreme voltage is to change the primary supply voltage from 85 to 115 percent of the nominal value.
- User manual temperature is 0°C~40°C.

9.3 DEVIATION FROM STANDARD

No deviation.

9.4 TEST SETUP



9.5 EUT OPERATION CONDITIONS

The EUT was programmed to be in continuously transmitting mode.

9.6 TEST RESULTS

Please refer to the APPENDIX H.

10. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions (Test Date: Mar. 16, 2026)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	EMI TEST RECEIVER	R&S	ESCI	100382	Nov. 21, 2026
2	TWO-LINE V-NETWORK	R&S	ENV216	101447	Nov. 21, 2026
3	BTL_RE_System	BTL	BTL_RE_System	N/A	N/A
4	Cable	N/A	SFT205-NMNM-9M-001	9M	Jul. 08, 2026
5	643 Shield Room	ETS	6*4*3	N/A	N/A

Radiated Emissions - 9 kHz to 30 MHz (Test Date: Dec. 13, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Active Loop Antenna	Schwarzbeck	FMZB 1513-60	00025	Mar. 01, 2026
2	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
3	Cable	RegalWay	LMR400-NMNM-6m	N/A	Apr. 26, 2026
4	Cable	RegalWay	LMR400-NMRANM-3.5m	N/A	Apr. 26, 2026
5	966 Chamber room	CM	9*6*6	N/A	May 09, 2026
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A

Radiated Emissions - 30 MHz to 1 GHz (Test Date: Dec. 13, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB9168	947	Oct. 27, 2026
2	Attenuator	EMCI	EMCI-N-6-06	AT-N0670	Oct. 27, 2026
3	Preamplifier	EMC INSTRUMENT	EMC001330	980998	May 17, 2026
4	Cable	RegalWay	LMR400-NMNM-12.5m	N/A	Jun. 04, 2026
5	Cable	RegalWay	LMR400-NMNM-3m	N/A	Jun. 04, 2026
6	Cable	RegalWay	LMR400-NMNM-0.5m	N/A	Jun. 04, 2026
7	Receiver	Agilent	N9038A	MY52130039	Jan. 10, 2026
8	Positioning Controller	MF	MF-7802	N/A	N/A
9	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
10	966 Chamber room	CM	9*6*6	N/A	May 15, 2026

Radiated Emissions - 1 GHz - 18 GHz (Test Date: Dec. 01, 2025 & Jan. 03, 2026)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Positioning Controller	MF	MF-7802	N/A	N/A
2	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
3	MXA Signal Analyzer	KEYSIGHT	N9020B	MY63430227	Jul. 25, 2026
4	Cable	EMC INSTRUMENT	EMC104-SM-SM-1 0000	N/A	Oct. 20, 2026
5	Cable	EMC INSTRUMENT	EMC104-SM-SM-3 000	N/A	Oct. 20, 2026
6	Cable	RegalWay	RWLP50-4.0A-SMS M-1M	N/A	Oct. 20, 2026
7	966 Chamber room	Tai He	9*6*6(NSA&VSWR)	N/A	May 18, 2026
8	Double Ridged Broadband Horn Antenna	RF SPIN	DRH18-E	210106A18E	Jul. 15, 2026
9	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 28, 2026
10	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
11	Filter	COM-MW	ZHPE6-M6500-180 00-547	N/A	Oct. 17, 2026

Radiated Emissions - Above 18 GHz (Test Date: Dec. 13, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Cable	Tonscend	HF160-KMKM-0.5M	N/A	Oct. 21, 2026
2	Cable	Tonscend	HF160-KMKM-5M	N/A	Oct. 21, 2026
3	Pre-Amplifier	EMC INSTRUMENT	EMC184045SE	980409	Nov. 21, 2026
4	DRG Horn Antenna	ETS	3116C	218942	Feb. 28, 2026
5	Positioning Controller	MF	MF-7802	N/A	N/A
6	Measurement Software	Farad	EZ-EMC Ver.NB-03A1-01	N/A	N/A
7	EXA Spectrum Analyzer	Keysight	N9010A	MY55150209	May 17, 2026

Bandwidth & Power Spectral Density (Test Date: Nov. 28, 2025 & Nov. 28, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	FSV Signal & Spectrum Analyzer	R&S	FSV3044	101682	Oct. 17, 2026
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A
4	Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A

Maximum Output Power (Test Date: Nov. 26, 2025 ~ Jan. 08, 2026)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Peak Power Analyzer	Keysight	8990B	MY51000506	May 17, 2026
2	Wideband power sensor	Keysight	N1923A	MY58310004	May 17, 2026
3	Isolation attenuator	Z-Link	ASMA-10-18-2W	N/A	N/A

Frequency Stability (Test Date: Nov. 28, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	FSV Signal & Spectrum Analyzer	R&S	FSV3044	101682	Oct. 17, 2026
2	CTA	BTL	CTA	N/A	N/A
3	Isolation attenuator	Z-Link	ASMA-16-18-2W	N/A	N/A
4	Cable	RegalWay	N/A	RWP50-402-SMSM-1M	N/A
5	Multimeter	FLUKE	15B+(TR13)	45123773WS	May 17, 2026
6	Desktop Constant Temperature Chamber	BELL	BTH-50C	20170306001	Jan. 10, 2026
7	DC power supply	UNI-T	UDP6721	AWP7224050031	Nov. 21, 2026

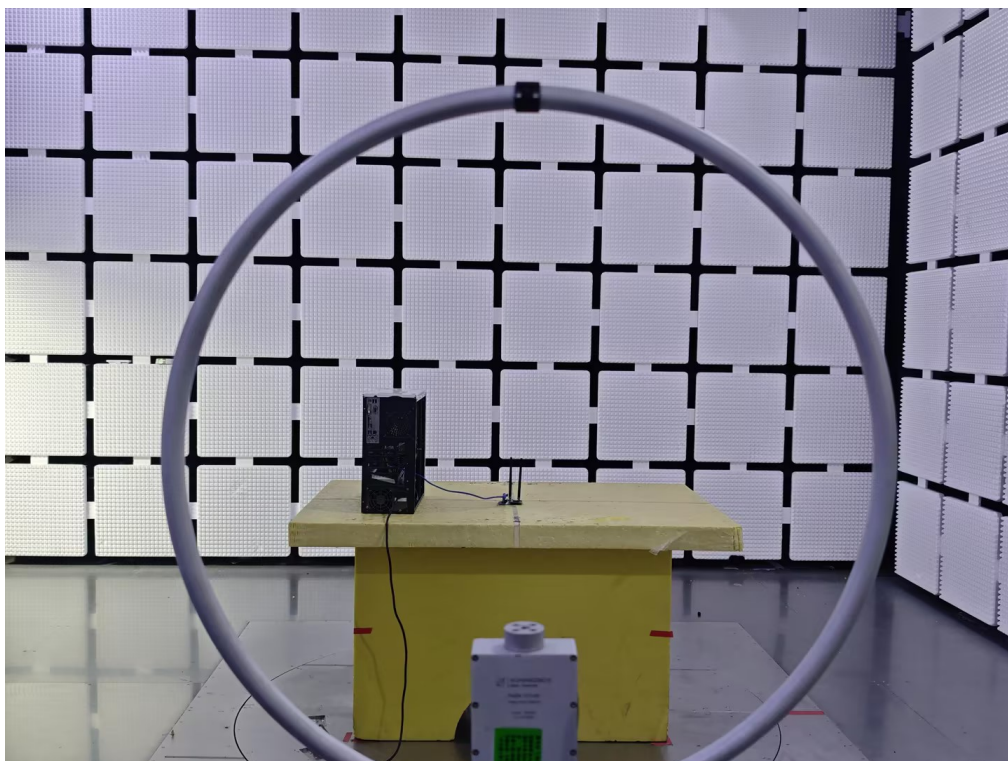
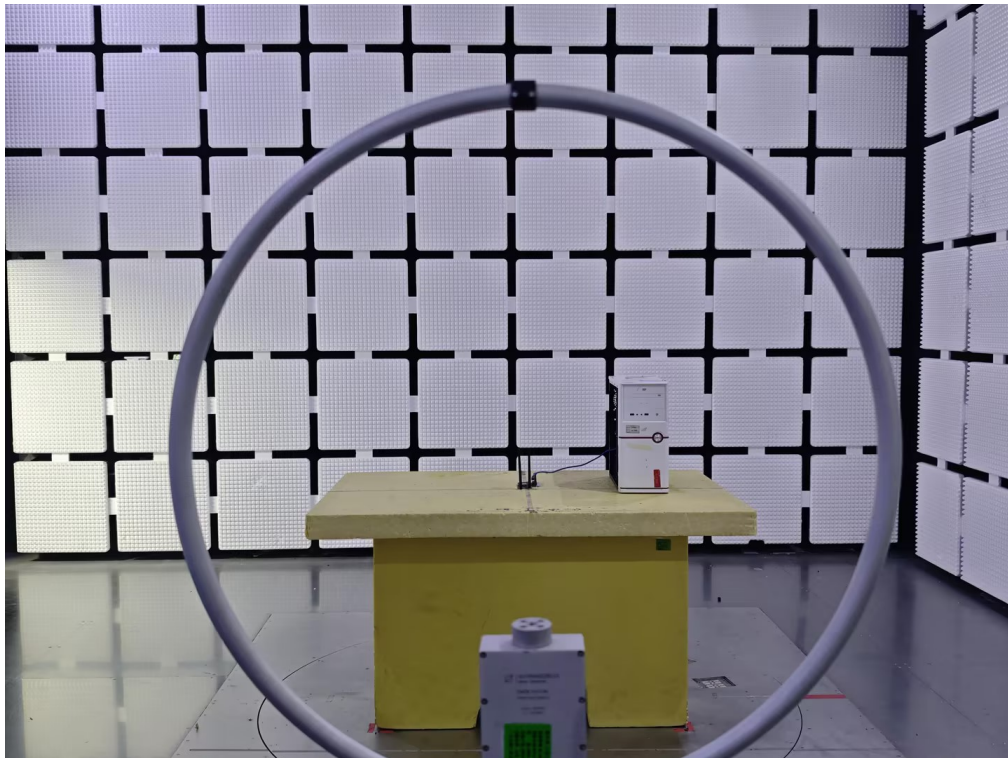
Remark: "N/A" denotes no model name, serial no. or calibration specified.

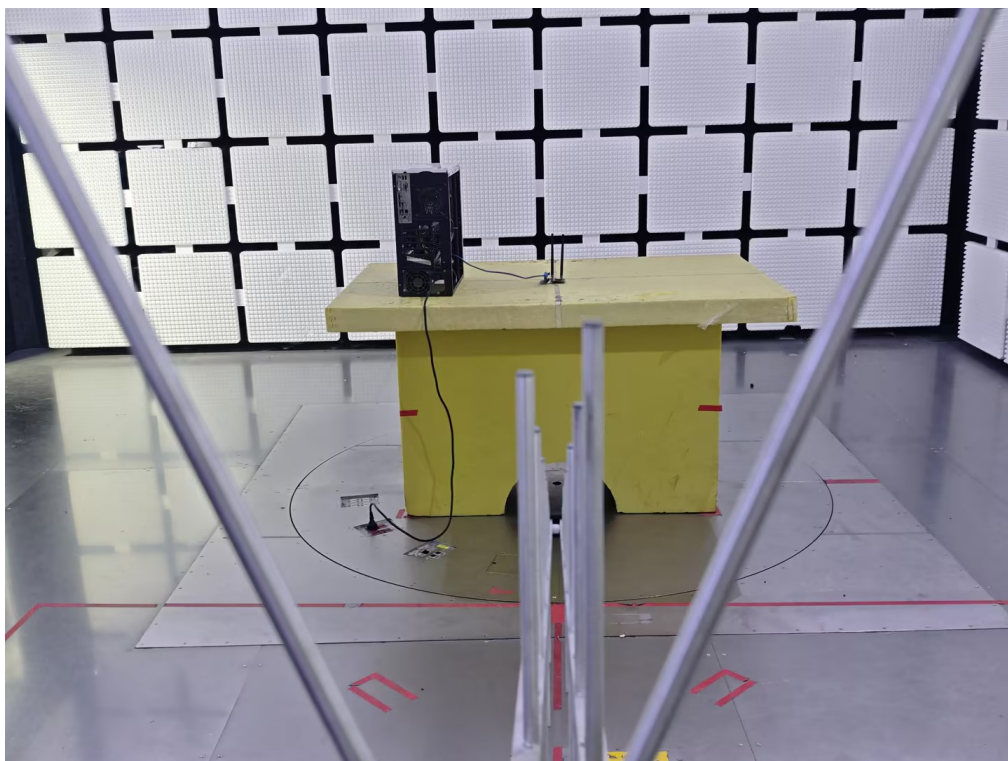
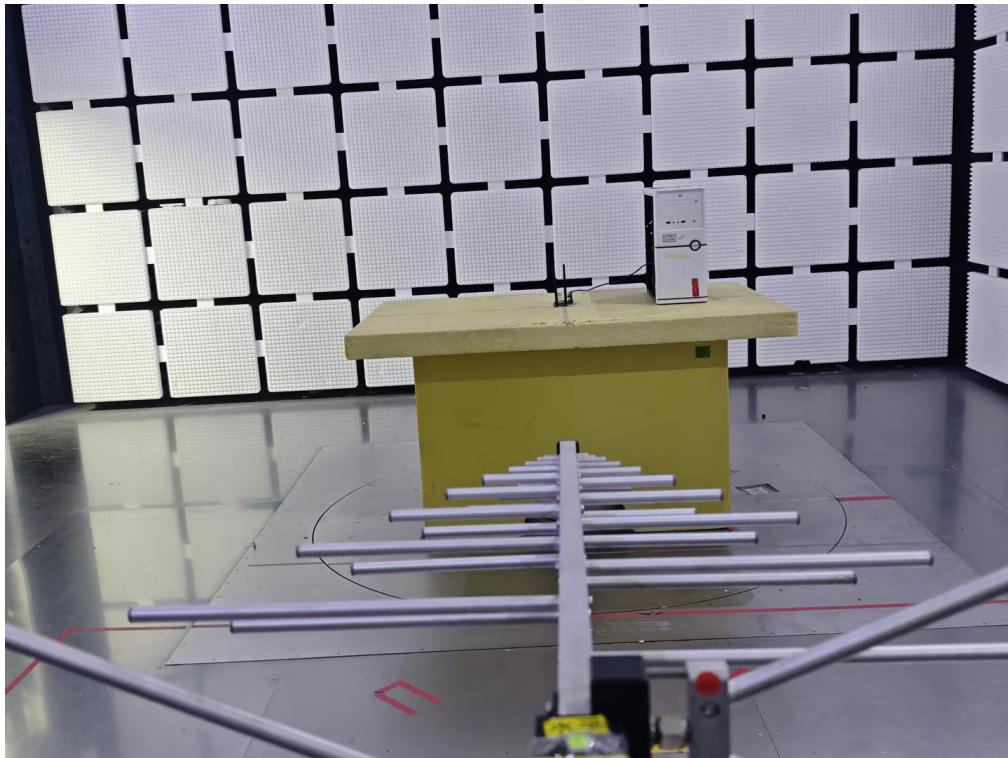
All calibration period of equipment list is one year.

11. EUT TEST PHOTOS**AC Power Line Conducted Emissions Test Photos**

Radiated Emissions Test Photos

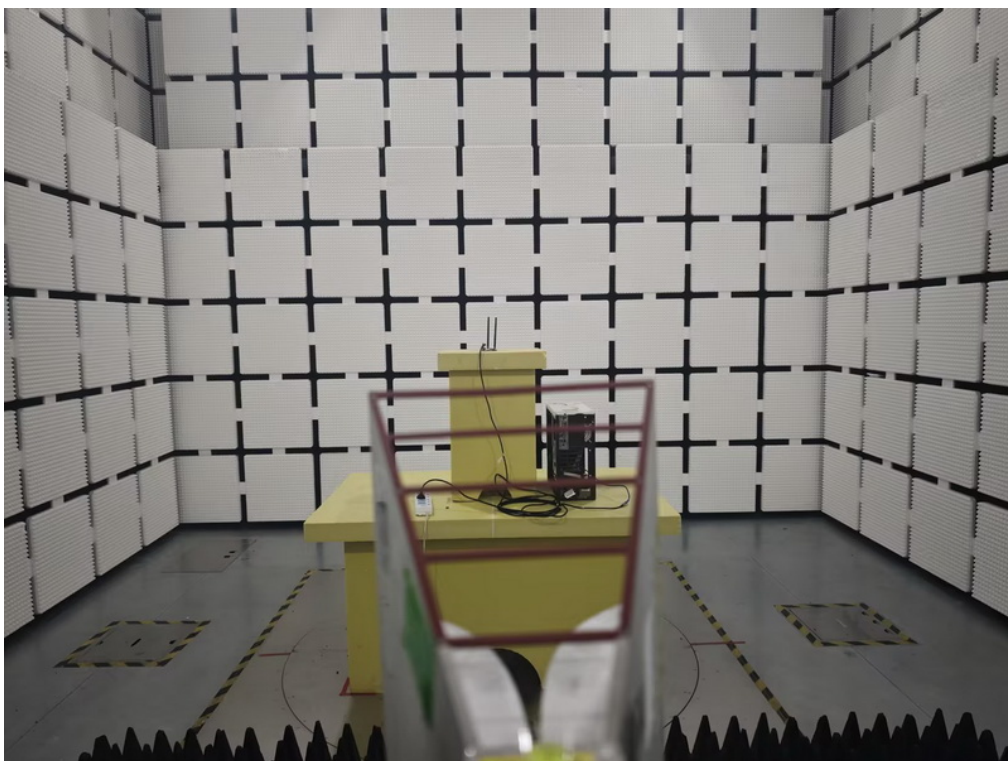
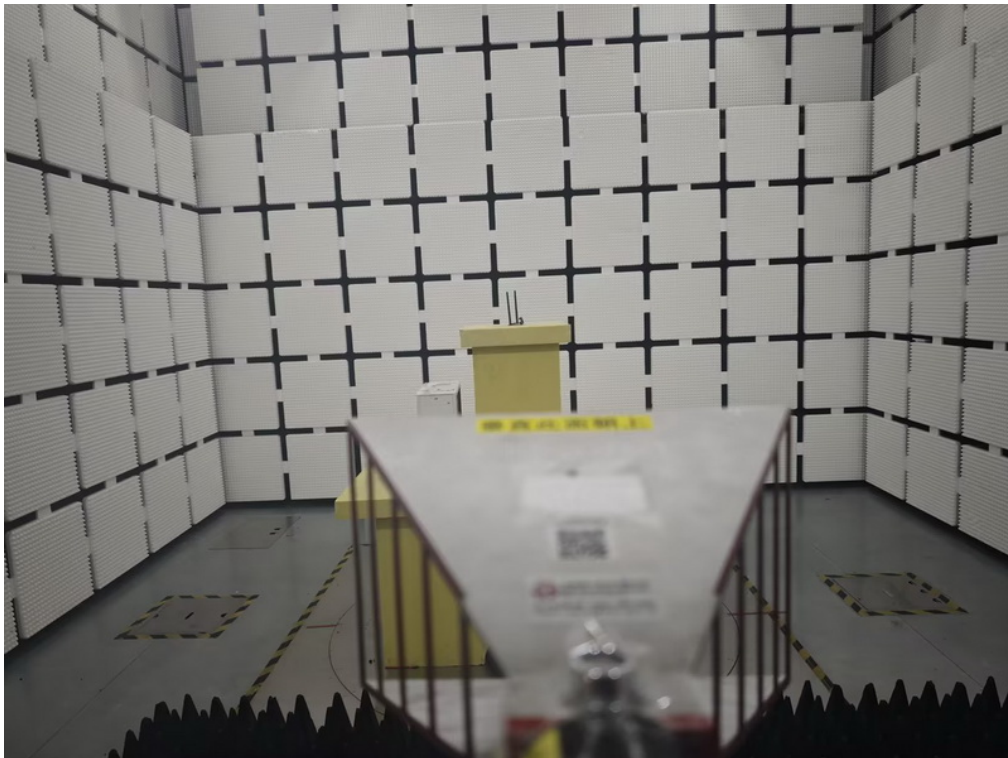
9 kHz to 30 MHz

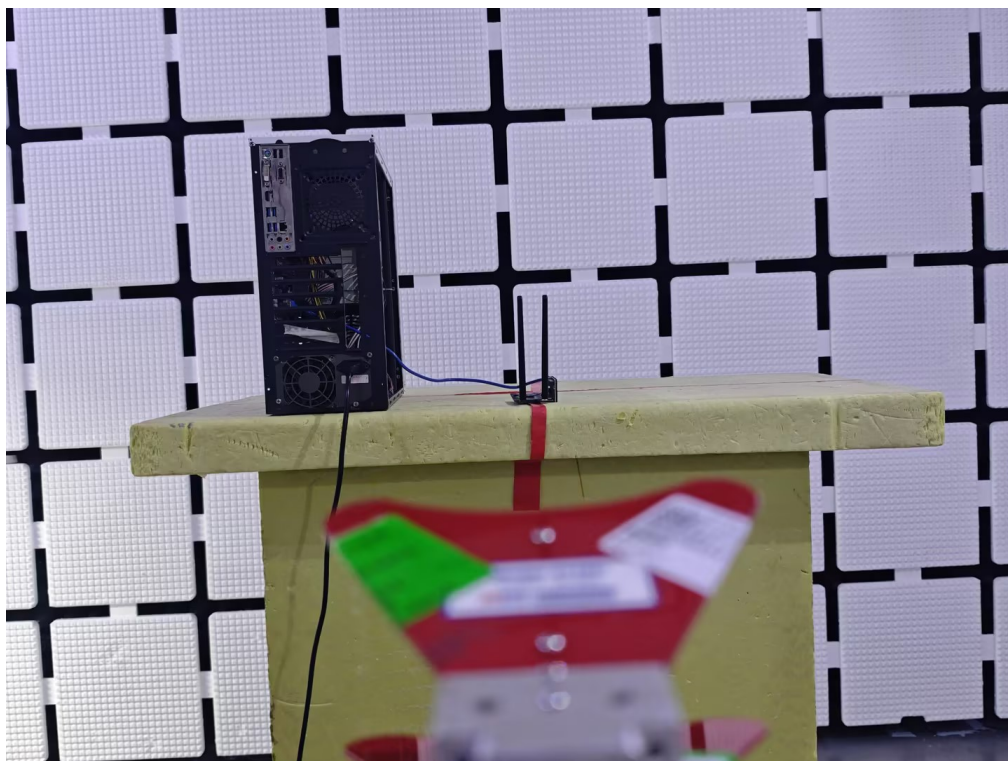
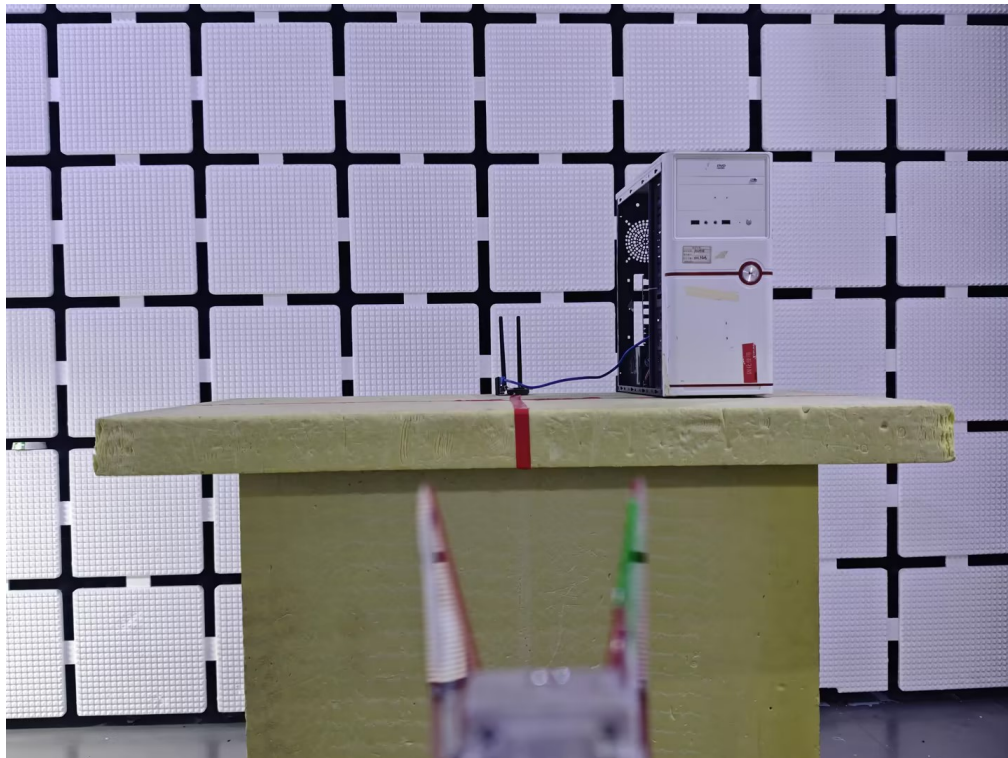


Radiated Emissions Test Photos**30 MHz to 1000 MHz**

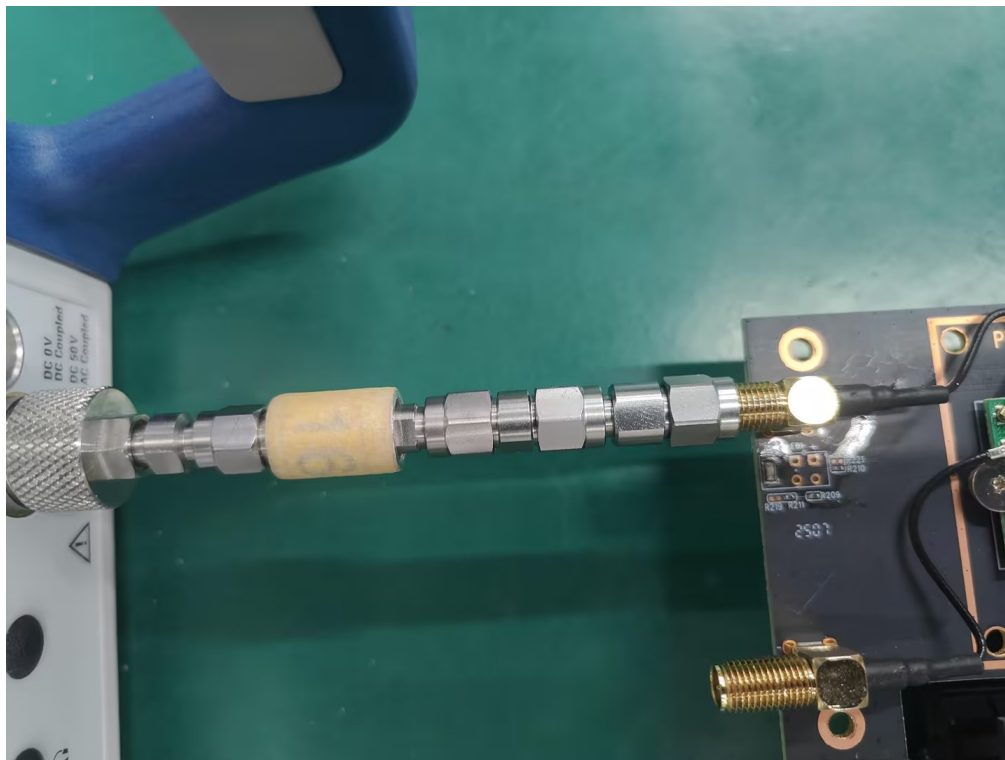
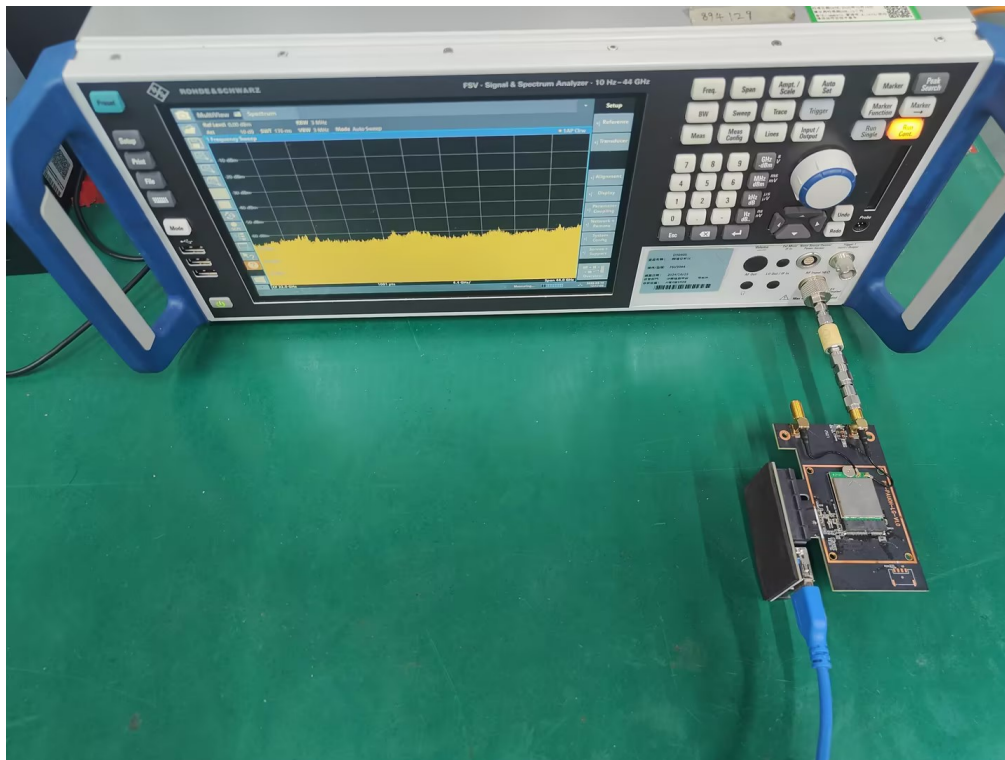
Radiated Emissions Test Photos

Band edge & Harmonic(1 GHz to 18 GHz)



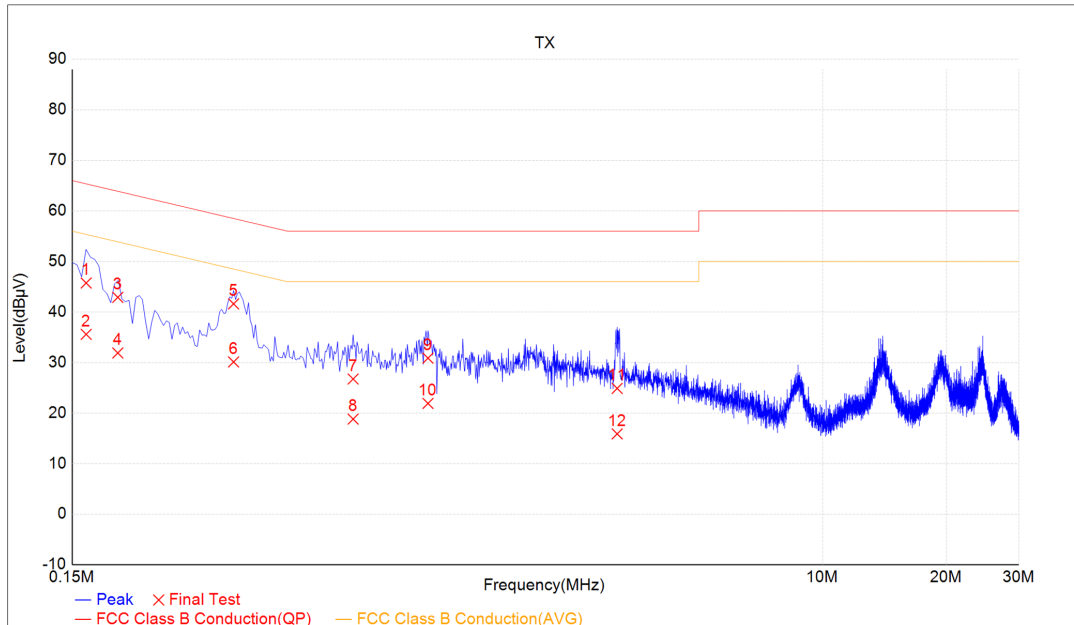
Radiated Emissions Test Photos**Harmonic(18 GHz to 40 GHz)**

Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX A Mode Channel 157 (UNII-3)	Phase	Line
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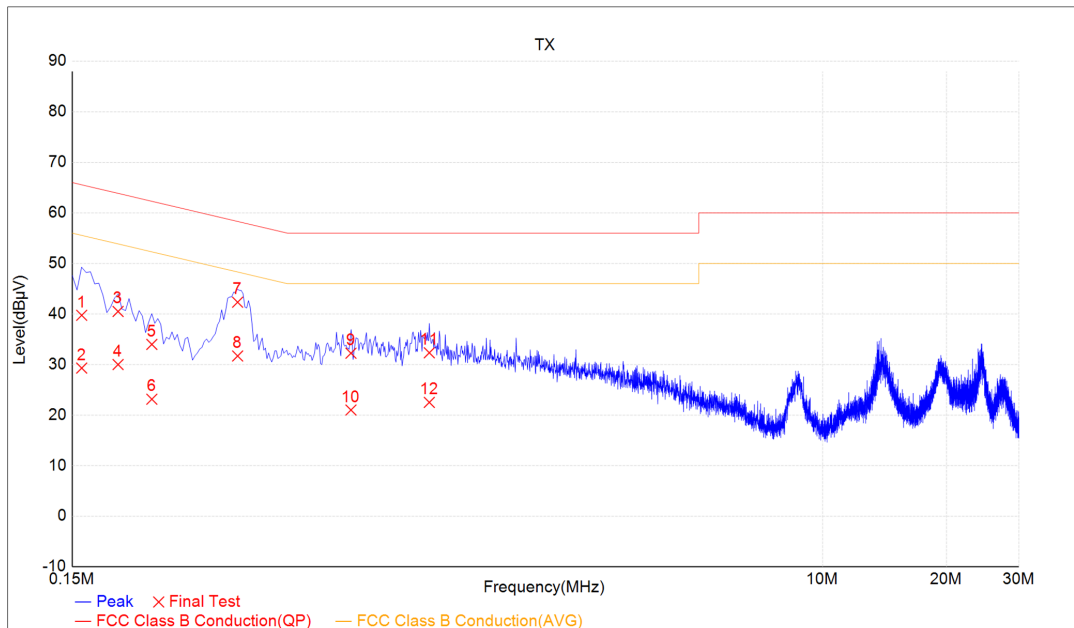
Suspected Note List									
NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content	
1	0.1621	35.5	10.24	45.74	65.36	-19.62	QP		
2	0.1621	25.34	10.24	35.59	55.36	-19.77	AVG		
3	0.1935	32.62	10.28	42.9	63.86	-20.96	QP		
4	0.1935	21.62	10.28	31.9	53.86	-21.96	AVG		
5	0.3699	31.25	10.35	41.61	58.5	-16.9	QP		
6	0.3699	19.78	10.35	30.13	48.5	-18.37	AVG		
7	0.7223	16.34	10.41	26.75	56	-29.25	QP		
8	0.7223	8.4	10.41	18.82	46	-27.18	AVG		
9	1.0983	20.44	10.44	30.88	56	-25.12	QP		
10	1.0983	11.48	10.44	21.92	46	-24.08	AVG		
11	3.1663	14.4	10.48	24.89	56	-31.11	QP		
12	3.1663	5.4	10.48	15.89	46	-30.11	AVG		

REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

Test Mode	TX A Mode Channel 157 (UNII-3)	Phase	Neutral
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Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.1581	30.13	9.62	39.75	65.57	-25.82	QP	
	2	0.1581	19.69	9.62	29.31	55.57	-26.26	AVG	
	3	0.1938	30.89	9.62	40.51	63.86	-23.36	QP	
	4	0.1938	20.39	9.62	30.01	53.86	-23.86	AVG	
	5	0.2341	24.37	9.62	33.99	62.31	-28.31	QP	
	6	0.2341	13.53	9.62	23.15	52.31	-29.15	AVG	
*	7	0.3784	32.7	9.64	42.34	58.32	-15.99	QP	
	8	0.3784	22.07	9.64	31.7	48.32	-16.62	AVG	
	9	0.7135	22.57	9.67	32.25	56	-23.75	QP	
	10	0.7135	11.33	9.67	21.01	46	-24.99	AVG	
	11	1.1063	22.63	9.7	32.33	56	-23.67	QP	
	12	1.1063	12.82	9.7	22.52	46	-23.48	AVG	

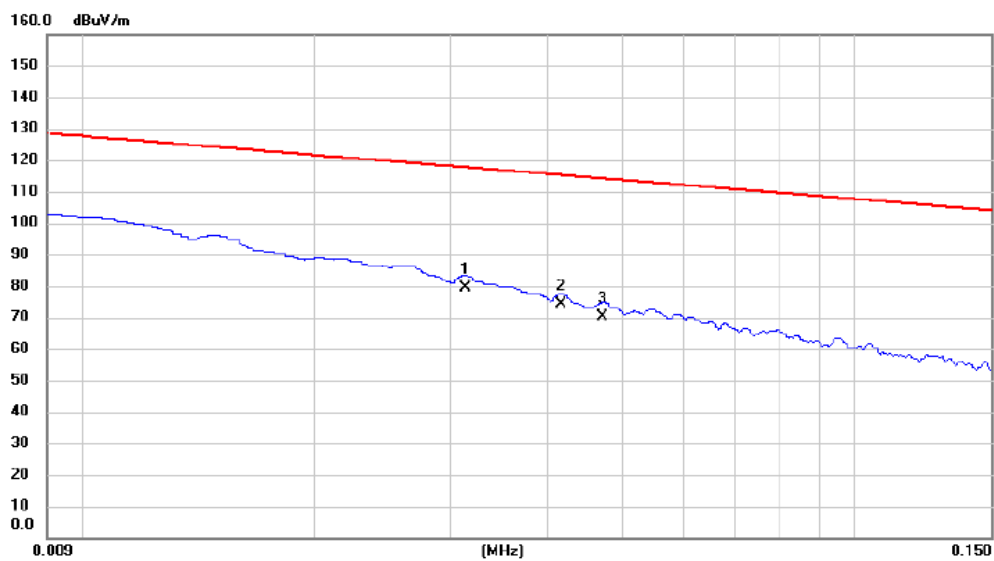
REMARKS:

(1) Level = Reading + Factor.

(2) Margin = Level - Limit.

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 0°
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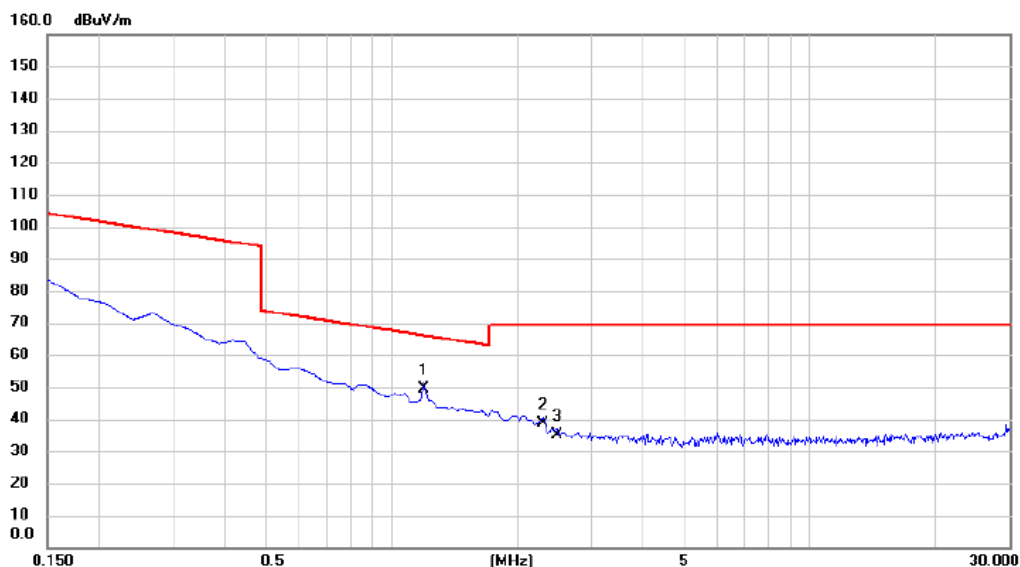


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.031	59.34	20.14	79.48	117.69	-38.21	AVG	
2		0.042	53.87	20.14	74.01	115.20	-41.19	AVG	
3		0.047	50.21	20.14	70.35	114.13	-43.78	AVG	

REMARKS:

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 0°
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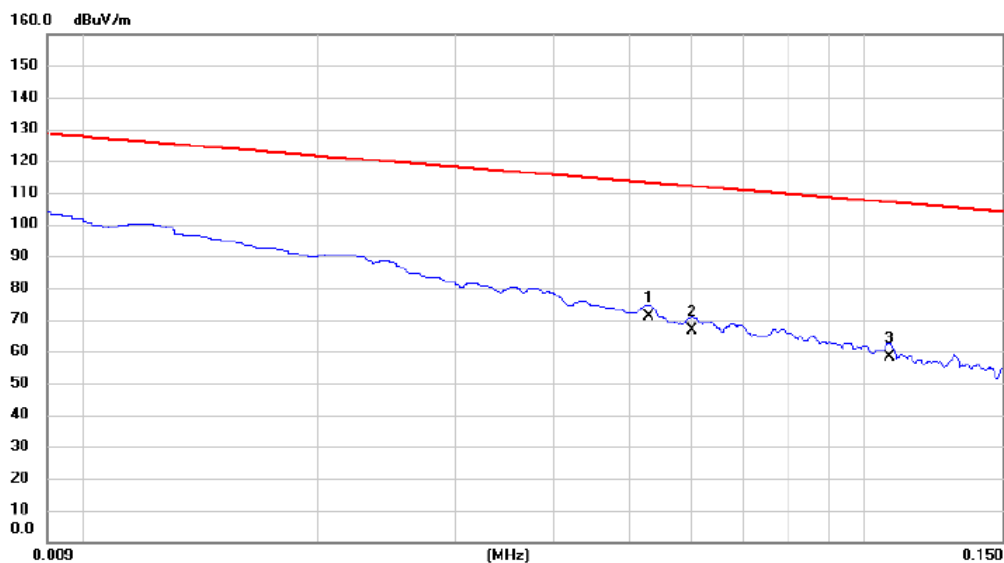


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1.195	29.24	20.00	49.24	66.06	-16.82	QP	
2		2.299	18.56	20.02	38.58	69.54	-30.96	QP	
3		2.487	14.94	20.03	34.97	69.54	-34.57	QP	

REMARKS:

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 90°
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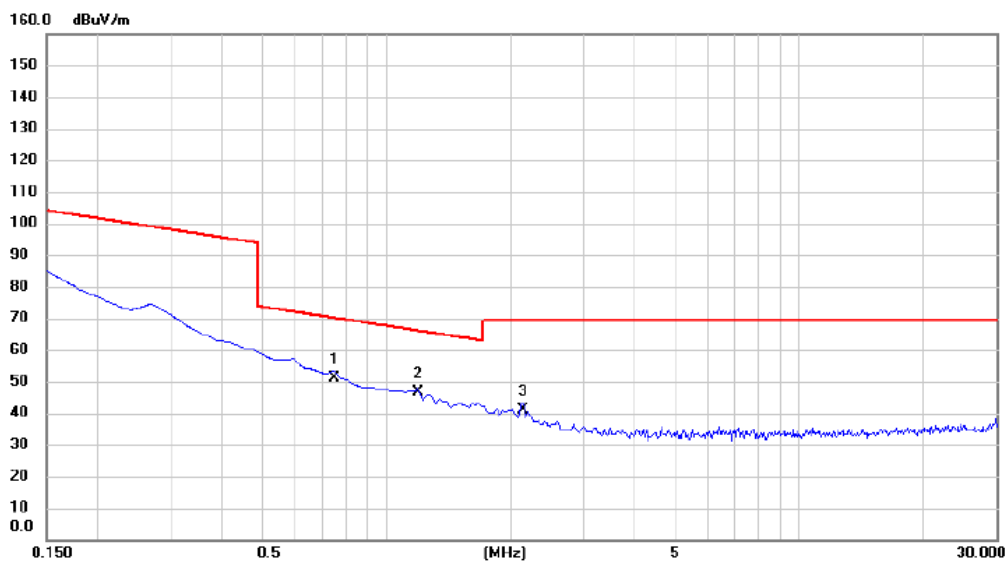


No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.053	50.94	20.14	71.08	113.12	-42.04	AVG	
2		0.060	46.57	20.14	66.71	112.01	-45.30	AVG	
3		0.108	38.26	20.12	58.38	106.97	-48.59	QP	

REMARKS:

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Ant 90°
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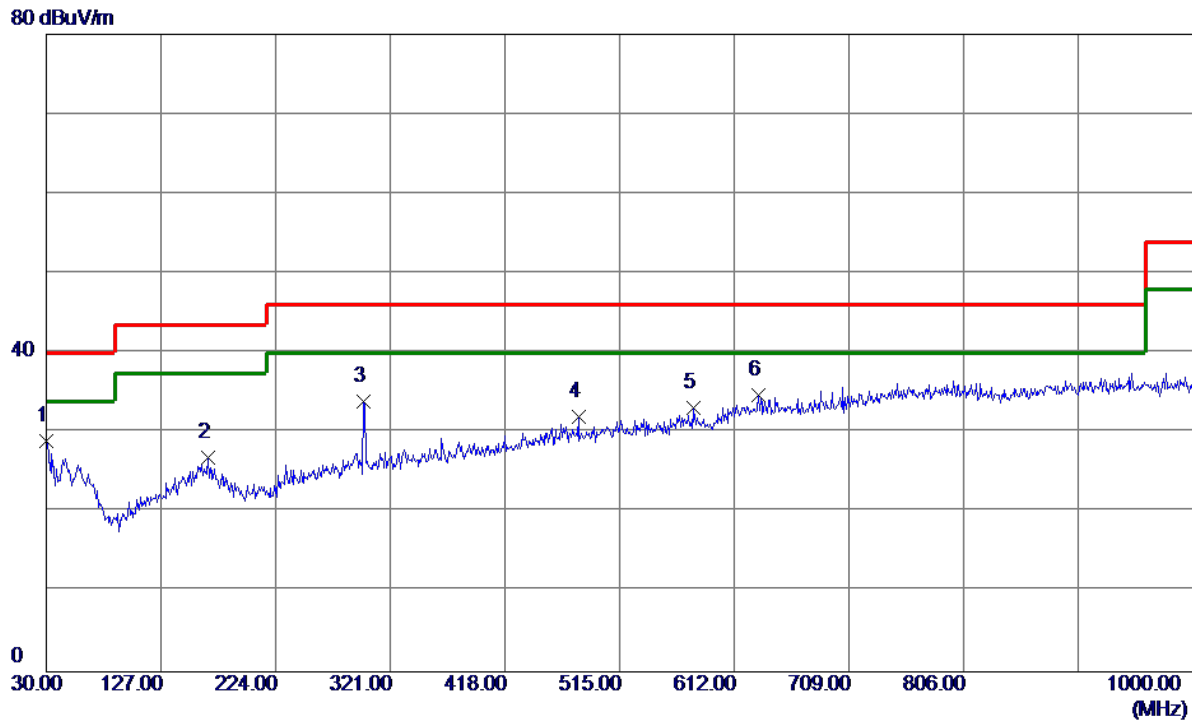
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	0.747	31.15	19.98	51.13	70.14	-19.01	QP	
2	1.195	26.71	20.00	46.71	66.06	-19.35	QP	
3	2.150	20.98	20.02	41.00	69.54	-28.54	QP	

REMARKS:

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

APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Vertical
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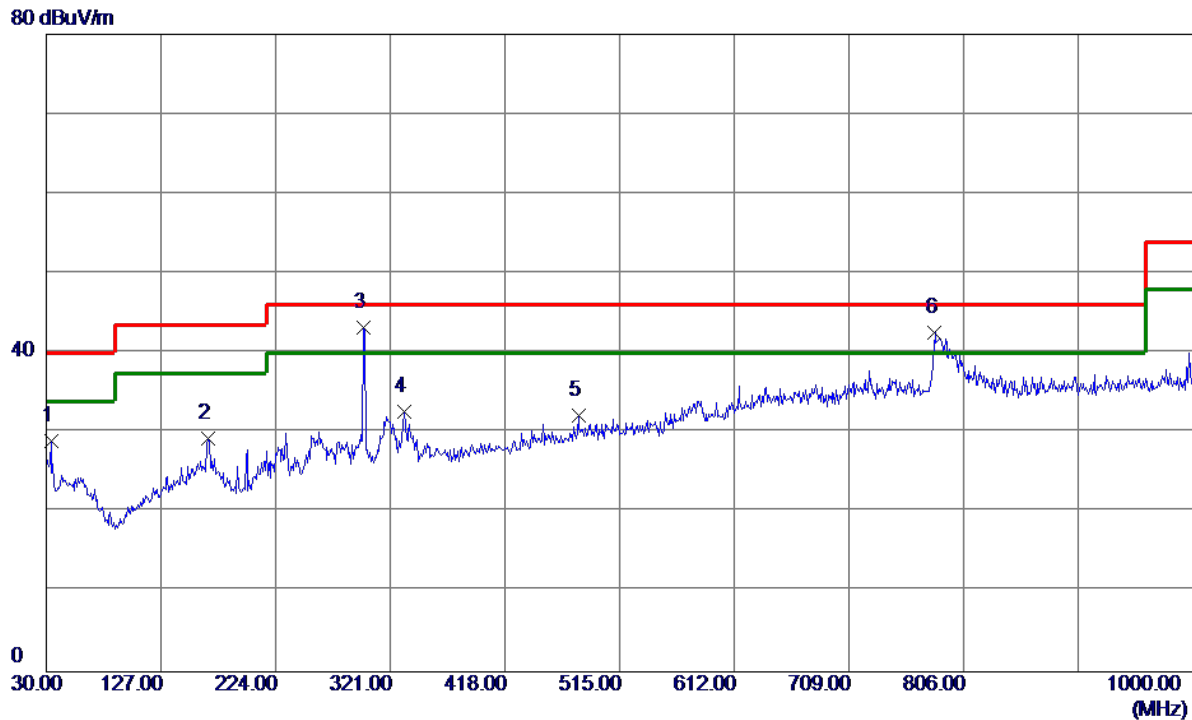
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	30.0000	41.78	-12.86	28.92	40.00	-11.08	Peak	
2	166.7700	37.23	-10.39	26.84	43.52	-16.68	Peak	
3	298.6900	43.06	-9.10	33.96	46.02	-12.06	Peak	
4	480.0800	37.52	-5.51	32.01	46.02	-14.01	Peak	
5	577.0800	36.87	-3.73	33.14	46.02	-12.88	Peak	
6	632.3700	37.50	-2.80	34.70	46.02	-11.32	Peak	

REMARKS:

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

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

Test Mode	TX A Mode Channel 157 (UNII-3)	Polarization	Horizontal
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	33.8800	41.39	-12.42	28.97	40.00	-11.03	Peak	
2	166.7700	39.69	-10.39	29.30	43.52	-14.22	Peak	
3 *	298.6900	52.36	-9.10	43.26	46.02	-2.76	Peak	
4	332.6400	41.21	-8.55	32.66	46.02	-13.36	Peak	
5	480.0800	37.62	-5.51	32.11	46.02	-13.91	Peak	
6	781.7500	42.90	-0.39	42.51	46.02	-3.51	Peak	

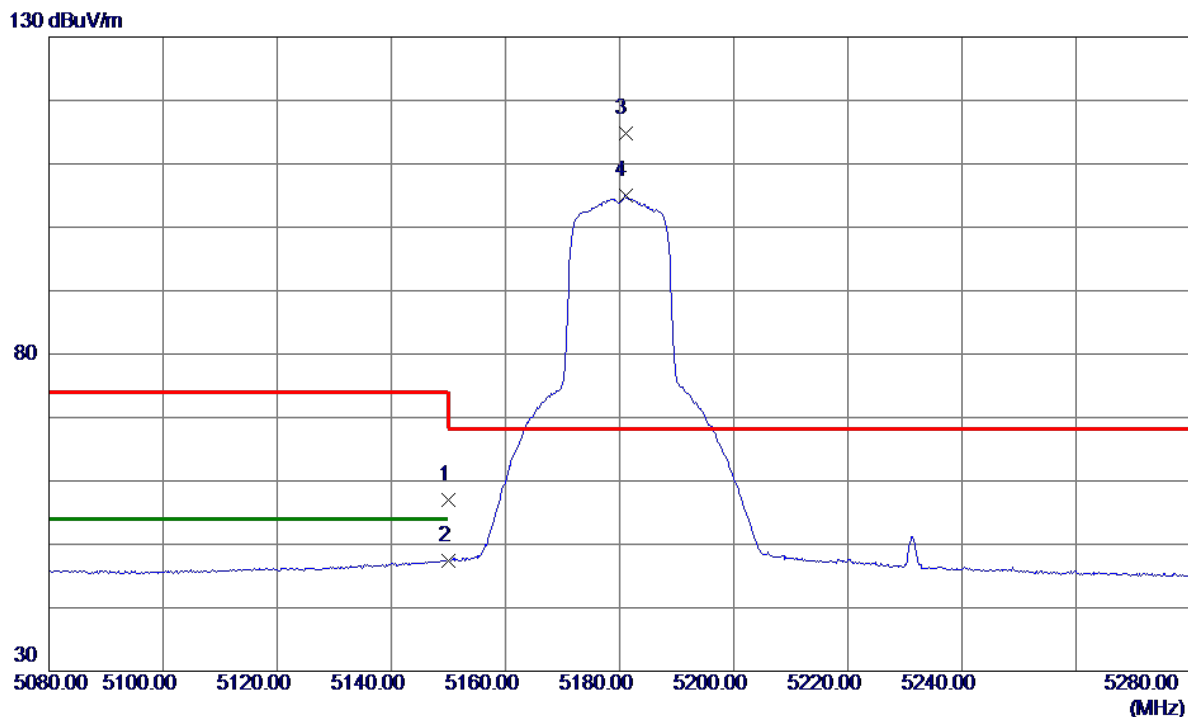
REMARKS:

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

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

APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ

Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical
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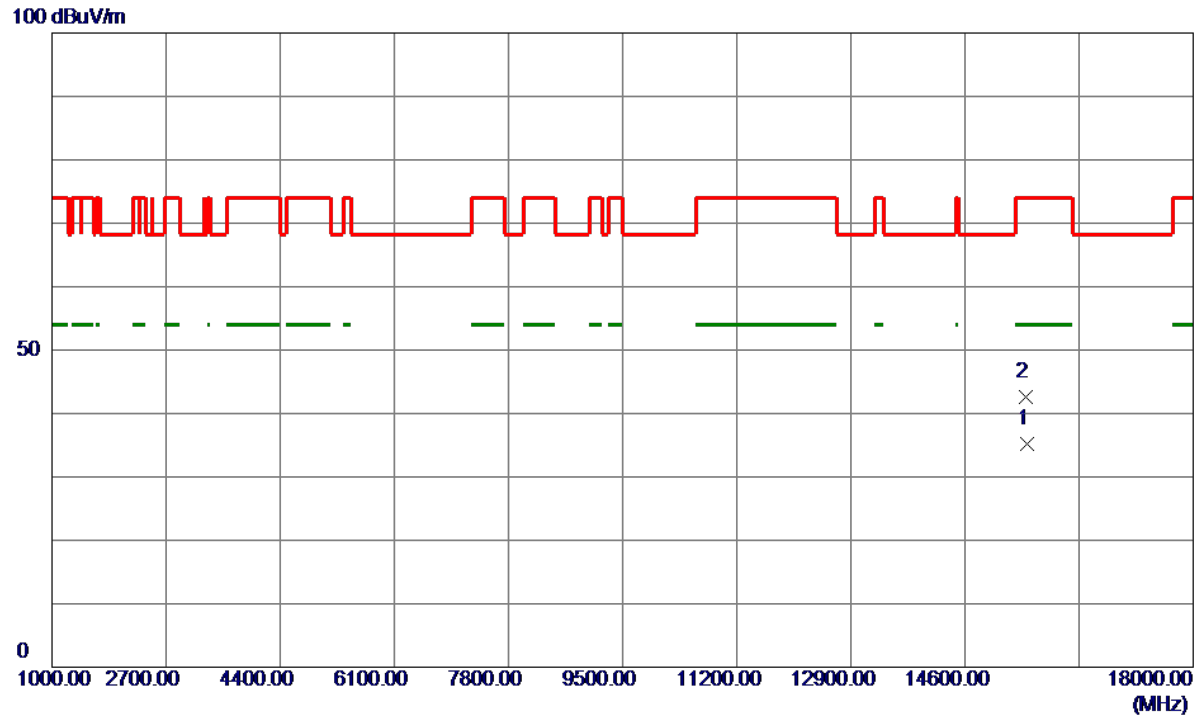


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	41.09	15.83	56.92	74.00	-17.08	Peak	
2	5150.0000	31.62	15.83	47.45	54.00	-6.55	AVG	
3 *	5181.0000	98.96	15.91	114.87	68.20	46.67	Peak	No Limit
4	5181.0000	89.09	15.91	105.00	999.00	-894.00	AVG	No Limit

REMARKS:

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

Test Mode	UNII-1_TX A Mode 5180 MHz	Polarization	Vertical
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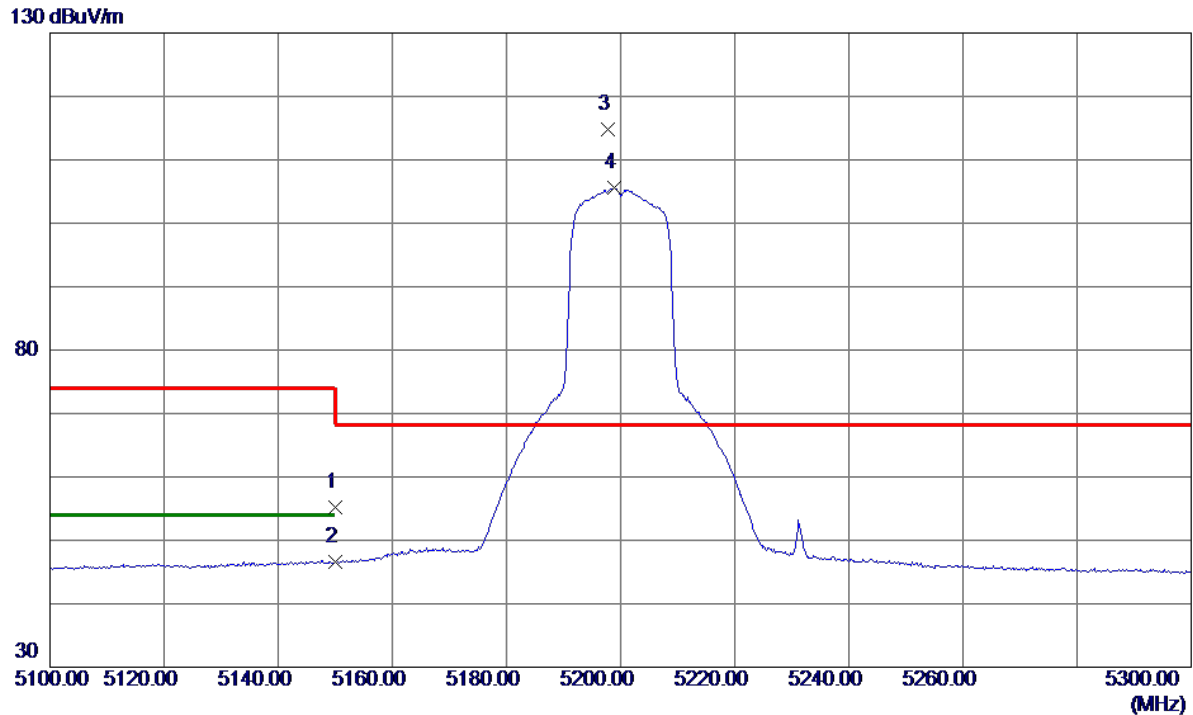
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15518.4000	24.57	10.54	35.11	54.00	-18.89	AVG	
2	15515.2500	32.00	10.54	42.54	74.00	-31.46	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical
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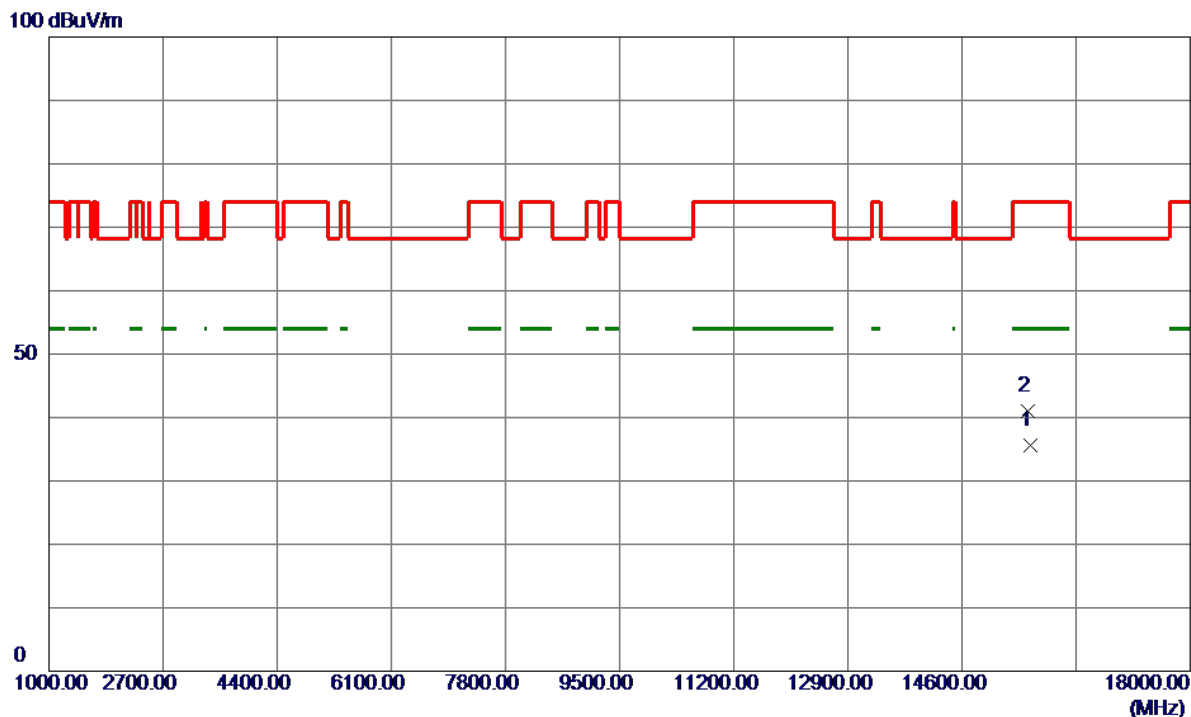
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	39.29	15.83	55.12	74.00	-18.88	Peak	
2	5150.0000	30.74	15.83	46.57	54.00	-7.43	AVG	
3 *	5197.8000	98.94	15.95	114.89	68.20	46.69	Peak	No Limit
4	5198.8000	89.61	15.96	105.57	999.00	-893.43	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX A Mode 5200 MHz	Polarization	Vertical
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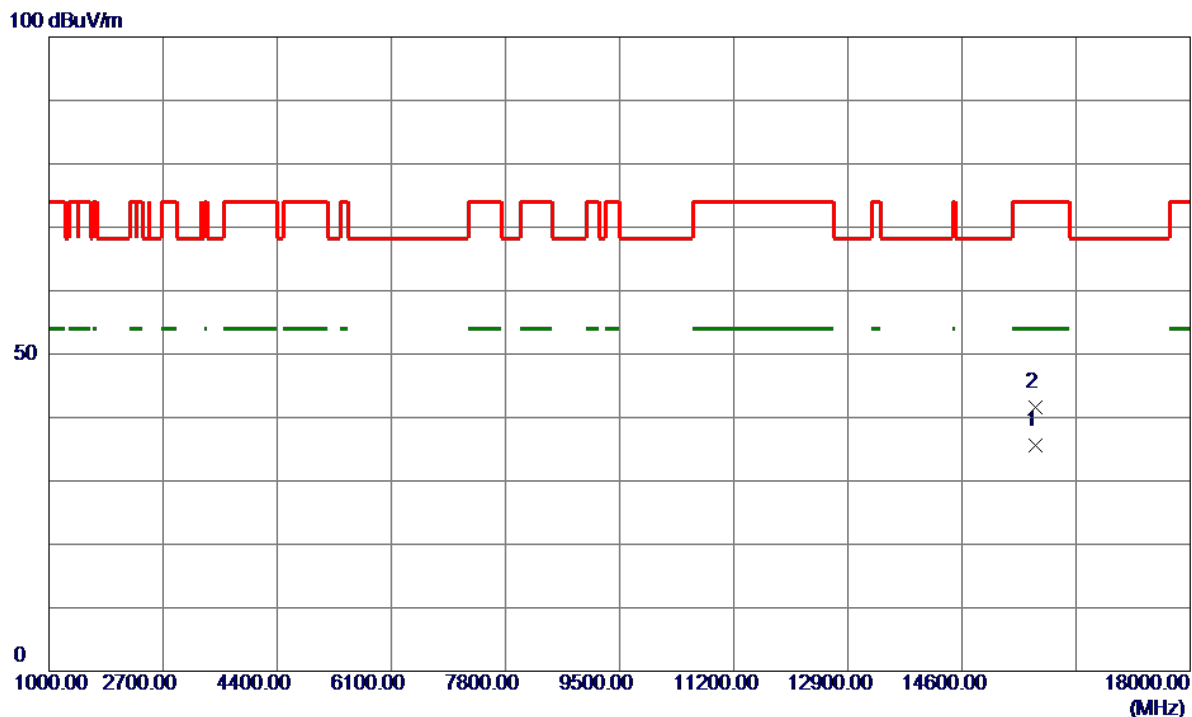


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15616.8000	25.15	10.44	35.59	54.00	-18.41	AVG	
2	15575.3000	30.45	10.48	40.93	74.00	-33.07	Peak	

REMARKS:

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

Test Mode	UNII-1_TX A Mode 5240 MHz	Polarization	Vertical
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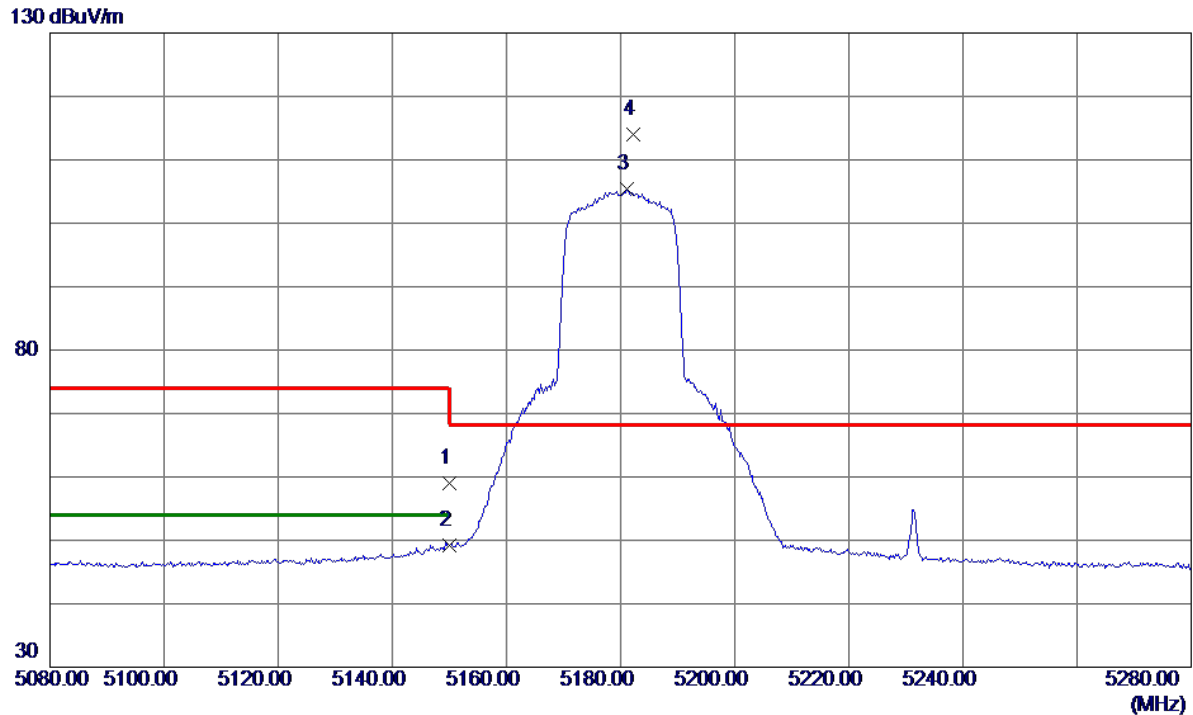


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15698.1000	25.24	10.35	35.59	54.00	-18.41	AVG	
2	15695.2000	31.33	10.36	41.69	74.00	-32.31	Peak	

REMARKS:

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

Test Mode	UNII-1_TX BE(EHT20) Mode 5180 MHz	Polarization	Vertical
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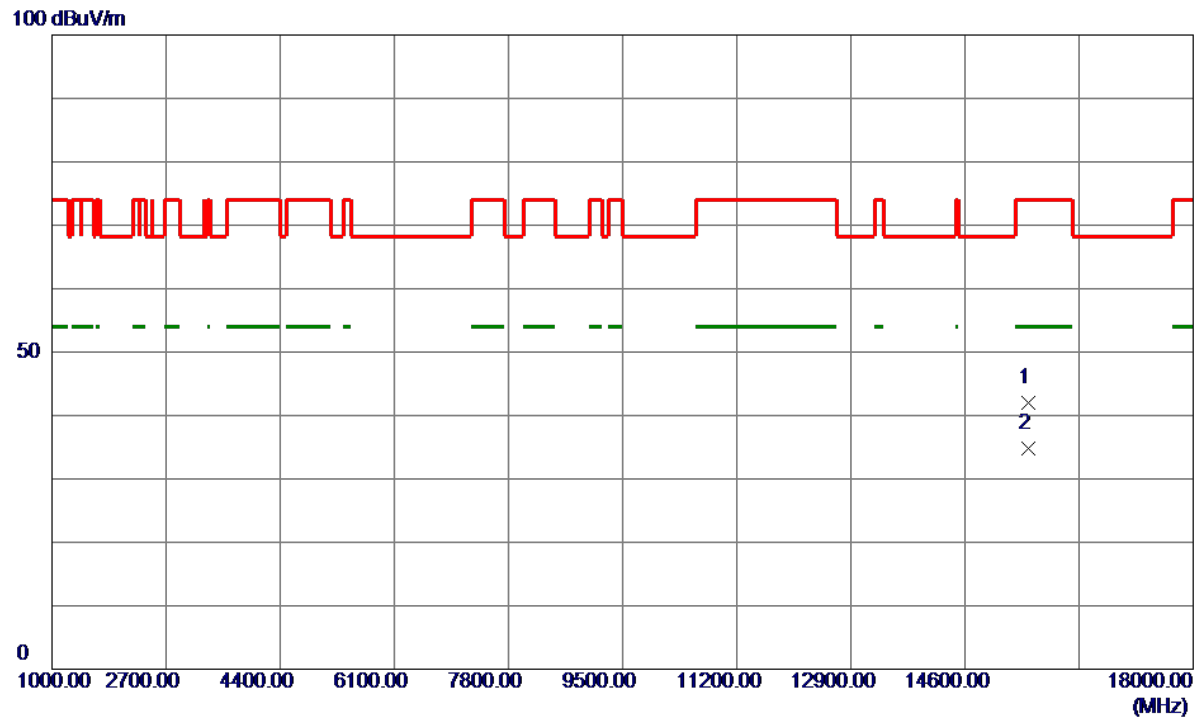
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	43.13	15.83	58.96	74.00	-15.04	Peak	
2	5150.0000	33.37	15.83	49.20	54.00	-4.80	AVG	
3	5181.2000	89.47	15.91	105.38	999.00	-893.62	AVG	No Limit
4 *	5182.2000	98.04	15.91	113.95	68.20	45.75	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX BE(EHT20) Mode 5180 MHz	Polarization	Vertical
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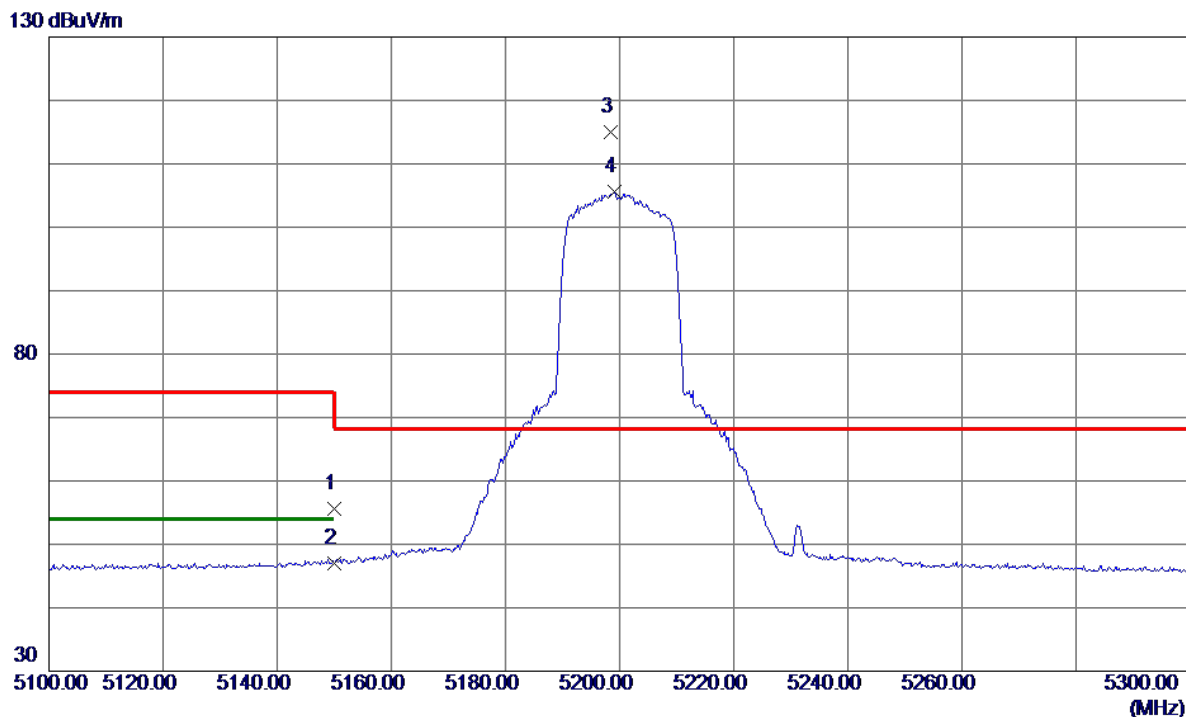
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	15541.1000	31.42	10.52	41.94	74.00	-32.06	Peak	
2 *	15541.8100	24.30	10.52	34.82	54.00	-19.18	AVG	

REMARKS:

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

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

Test Mode	UNII-1_TX BE(EHT20) Mode 5200 MHz	Polarization	Vertical
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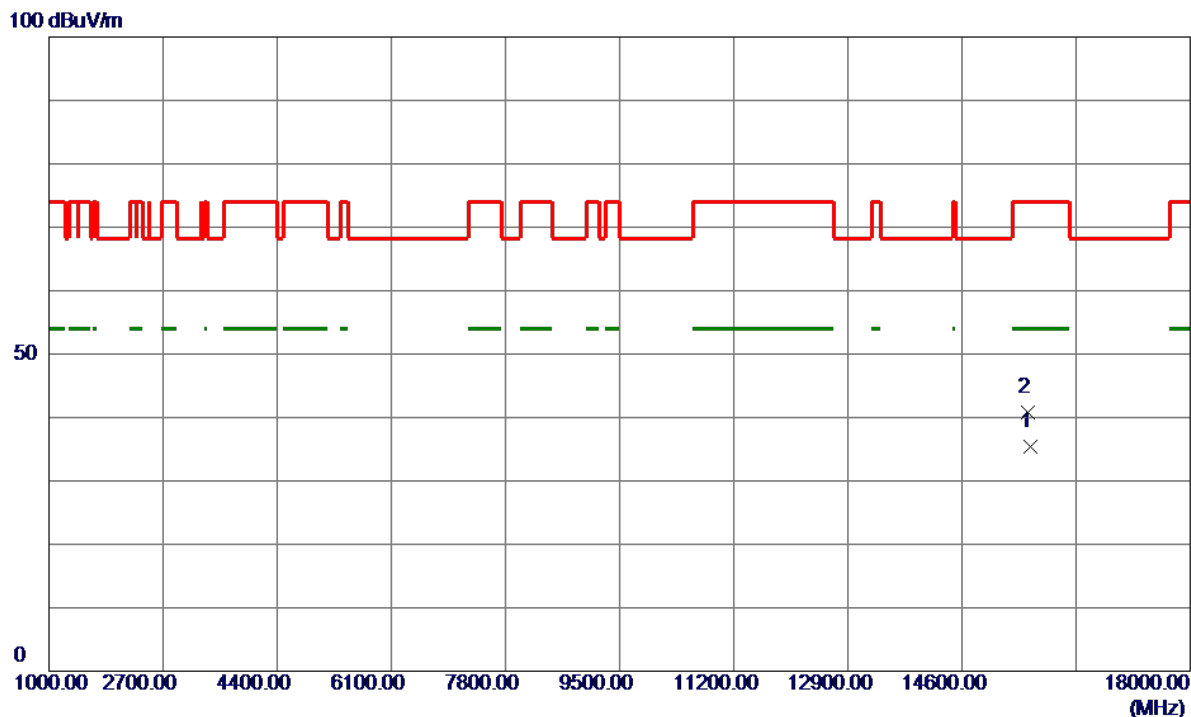
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	39.72	15.83	55.55	74.00	-18.45	Peak	
2	5150.0000	31.21	15.83	47.04	54.00	-6.96	AVG	
3 *	5198.4000	99.02	15.96	114.98	68.20	46.78	Peak	No Limit
4	5199.2000	89.69	15.96	105.65	999.00	-893.35	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX BE(EHT20) Mode 5200 MHz	Polarization	Vertical
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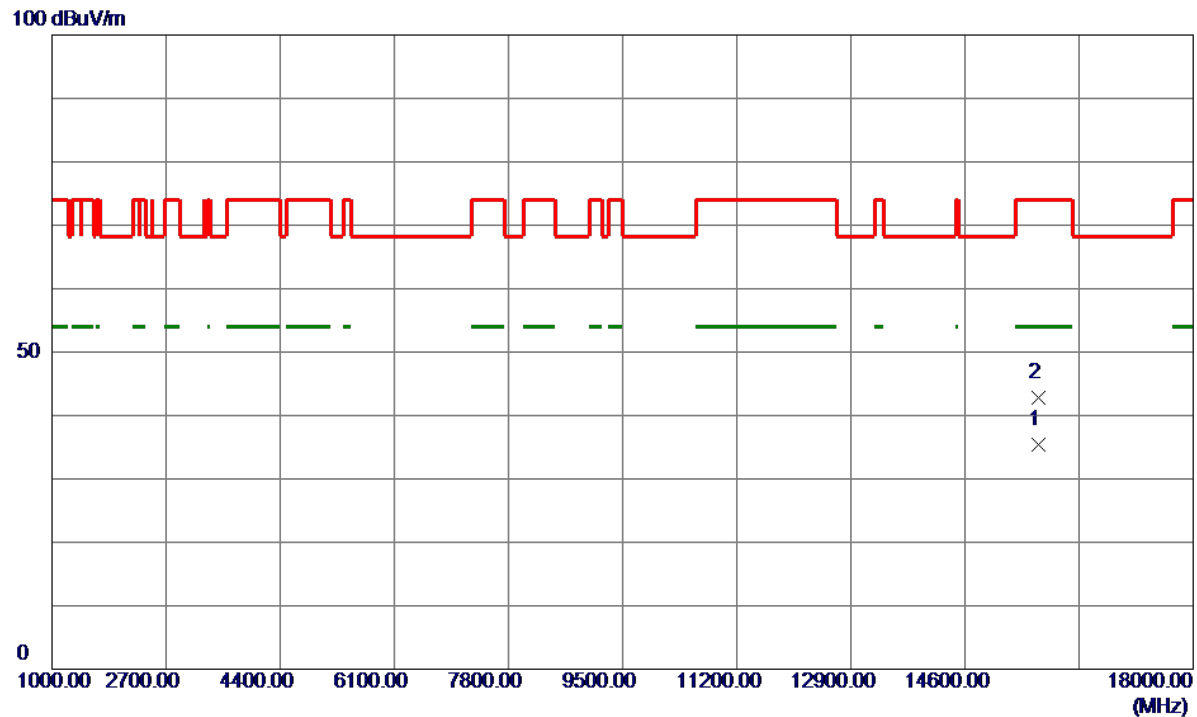


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15617.8000	24.87	10.44	35.31	54.00	-18.69	AVG	
2	15575.2000	30.41	10.48	40.89	74.00	-33.11	Peak	

REMARKS:

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

Test Mode	UNII-1_TX BE(EHT20) Mode 5240 MHz	Polarization	Vertical
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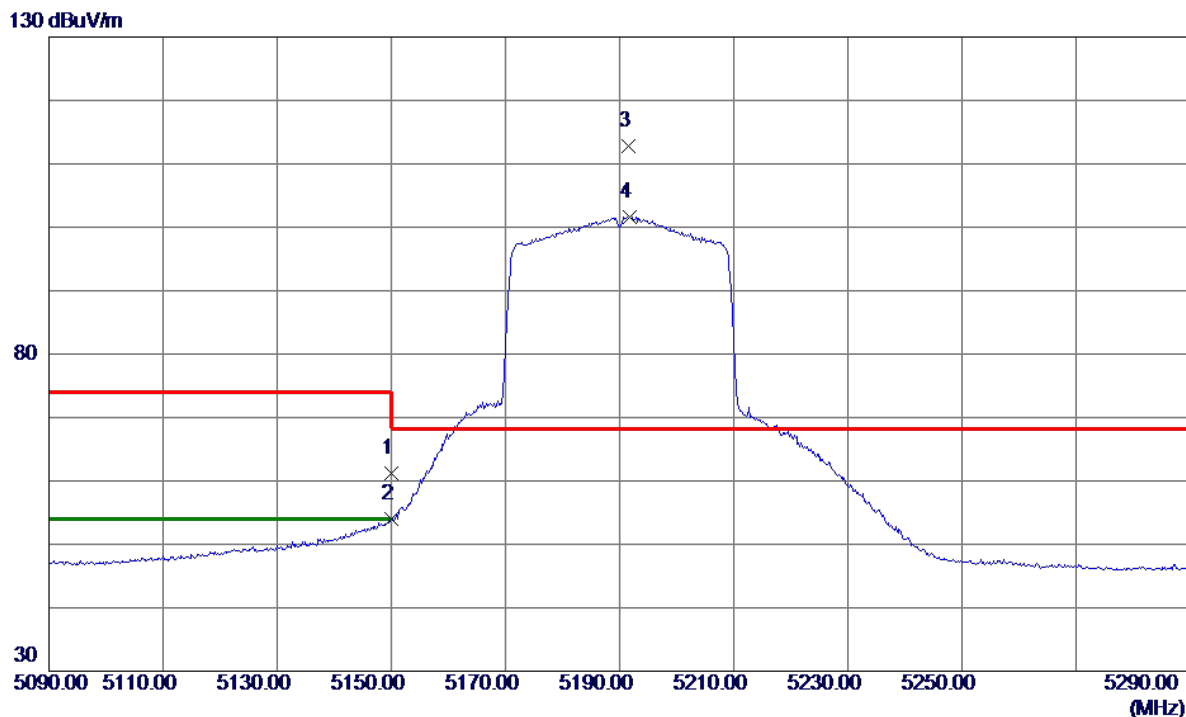
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15703.9500	25.06	10.35	35.41	54.00	-18.59	AVG	
2	15695.1000	32.35	10.36	42.71	74.00	-31.29	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX BE(EHT40) Mode 5190 MHz	Polarization	Vertical
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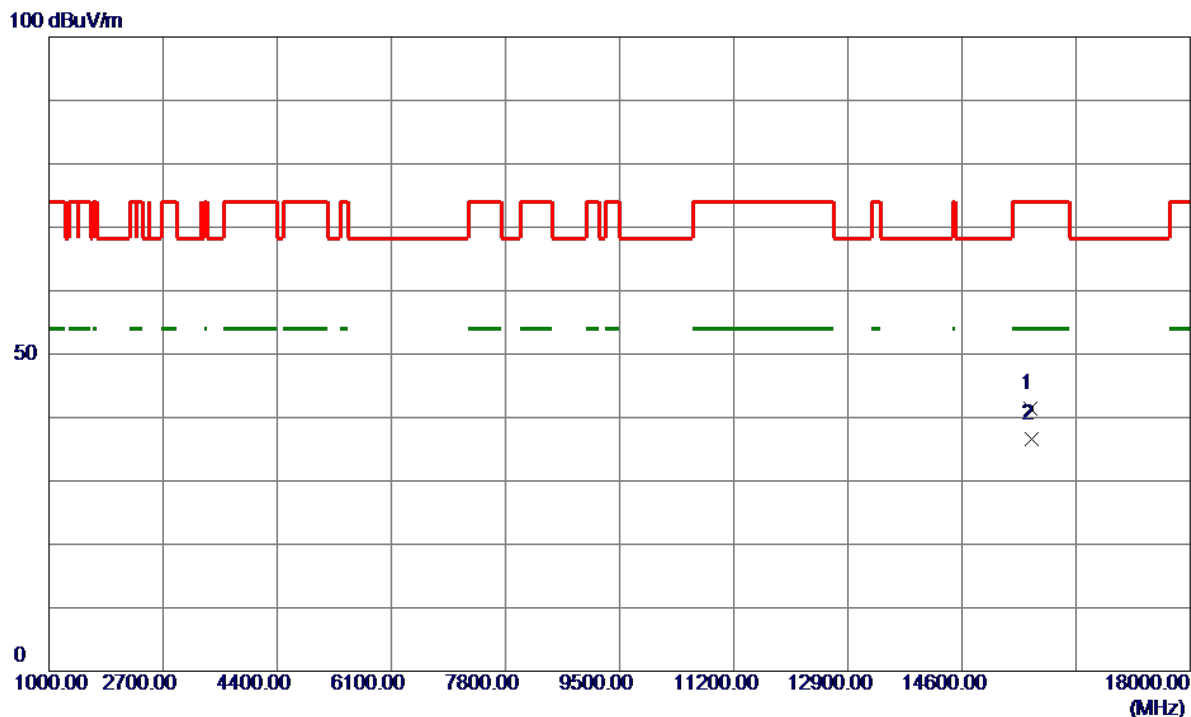


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	45.35	15.83	61.18	74.00	-12.82	Peak	
2	5150.0000	38.10	15.83	53.93	54.00	-0.07	AVG	
3 *	5191.6000	96.87	15.94	112.81	68.20	44.61	Peak	No Limit
4	5191.8000	85.74	15.94	101.68	999.00	-897.32	AVG	No Limit

REMARKS:

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

Test Mode	UNII-1_TX BE(EHT40) Mode 5190 MHz	Polarization	Vertical
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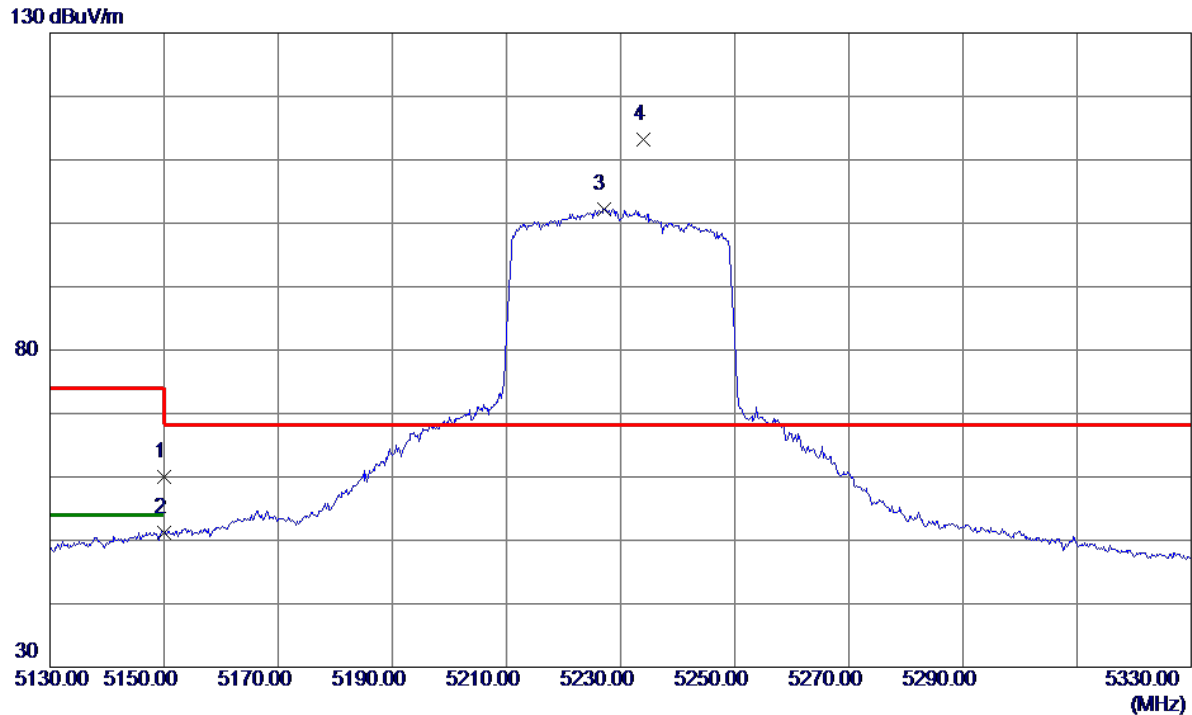
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	15625.5500	30.99	10.43	41.42	74.00	-32.58	Peak	
2 *	15634.2500	26.24	10.42	36.66	54.00	-17.34	AVG	

REMARKS:

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

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

Test Mode	UNII-1_TX BE(EHT40) Mode 5230 MHz	Polarization	Vertical
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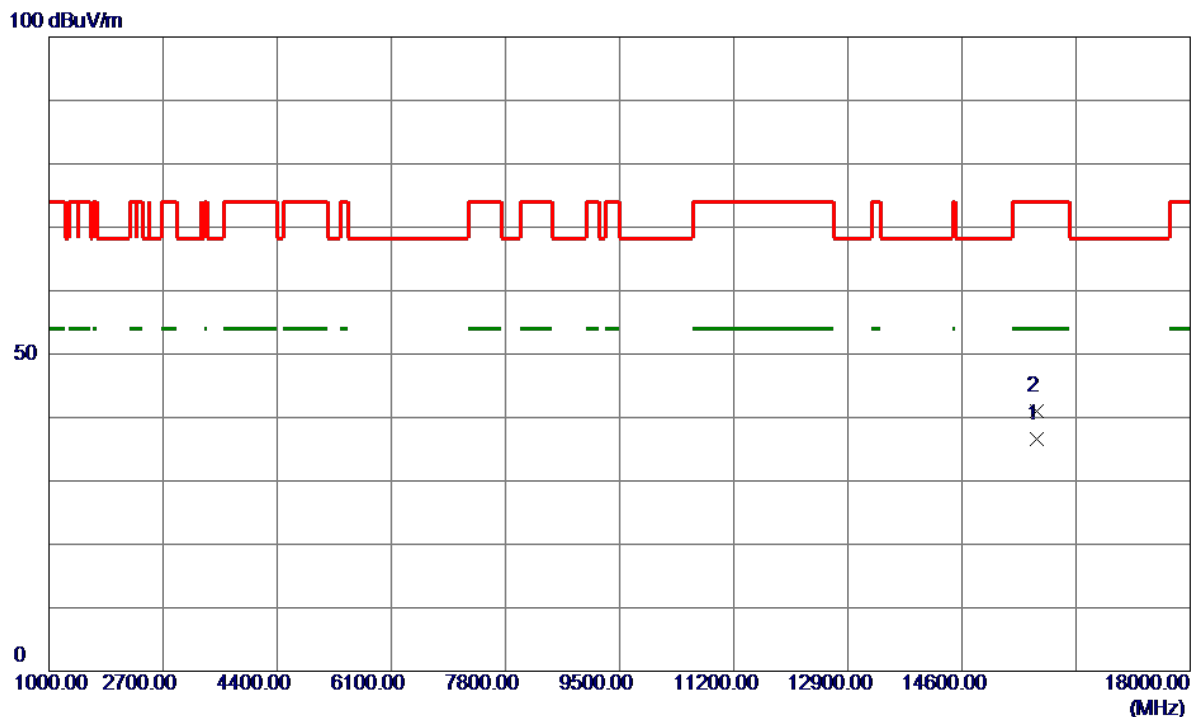
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	44.19	15.83	60.02	74.00	-13.98	Peak	
2	5150.0000	35.46	15.83	51.29	54.00	-2.71	AVG	
3	5227.0000	86.25	16.03	102.28	999.00	-896.72	AVG	No Limit
4 *	5234.0000	97.07	16.05	113.12	68.20	44.92	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX BE(EHT40) Mode 5230 MHz	Polarization	Vertical
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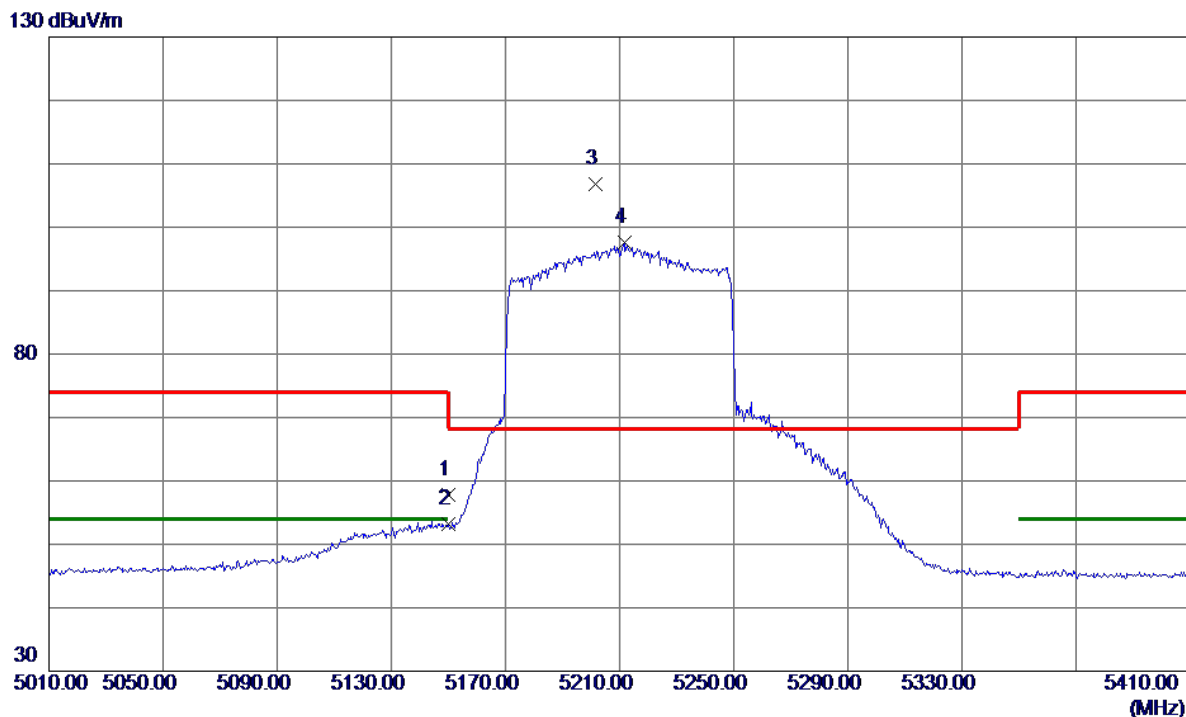


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15712.4000	26.35	10.34	36.69	54.00	-17.31	AVG	
2	15715.0000	30.72	10.34	41.06	74.00	-32.94	Peak	

REMARKS:

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

Test Mode	UNII-1_TX BE(EHT80) Mode 5210 MHz	Polarization	Vertical
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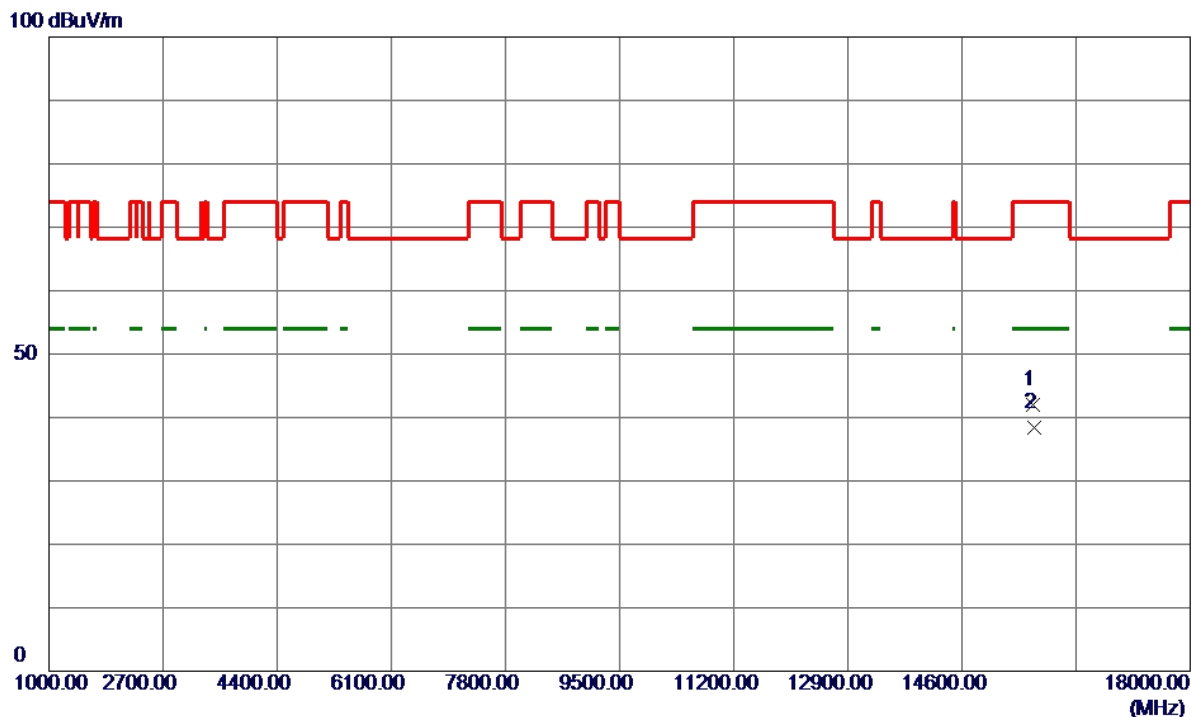


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	42.05	15.83	57.88	74.00	-16.12	Peak	
2	5150.0000	37.37	15.83	53.20	54.00	-0.80	AVG	
3 *	5201.6000	90.78	15.96	106.74	68.20	38.54	Peak	No Limit
4	5211.6000	81.66	15.99	97.65	999.00	-901.35	AVG	No Limit

REMARKS:

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

Test Mode	UNII-1_TX BE(EHT80) Mode 5210 MHz	Polarization	Vertical
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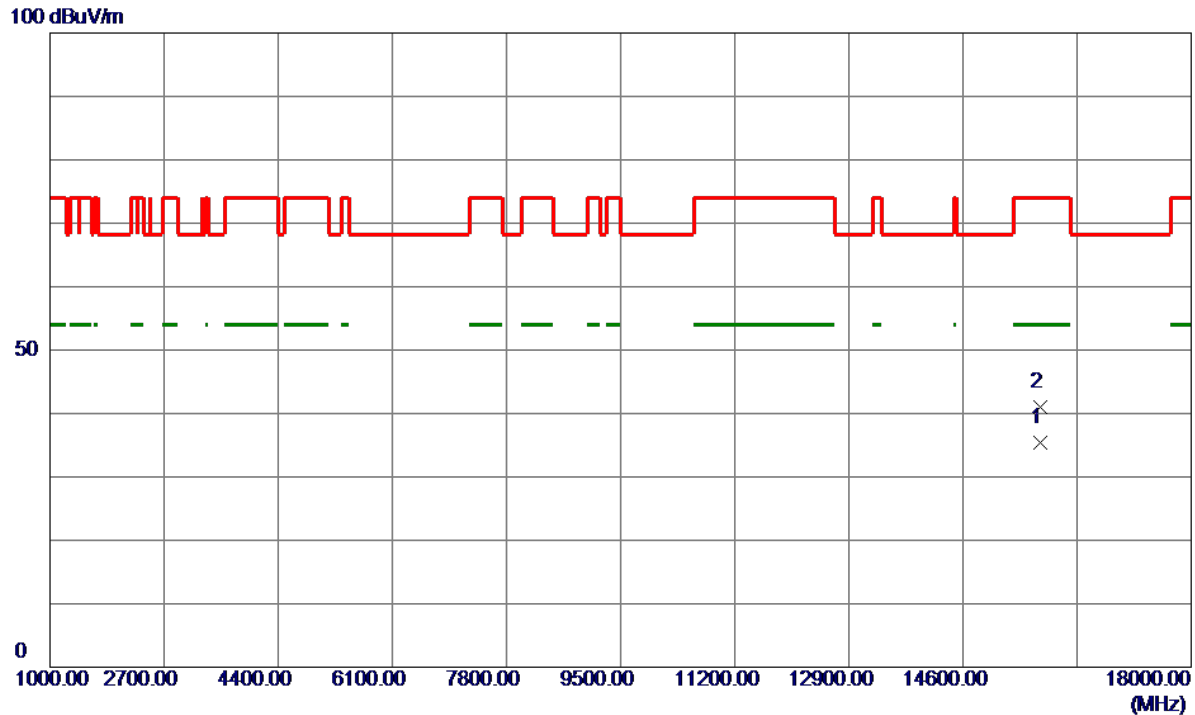


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	15662.0000	30.94	11.00	41.94	74.00	-32.06	Peak	
2 *	15682.8000	27.41	11.00	38.41	54.00	-15.59	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX A Mode 5260 MHz	Polarization	Vertical
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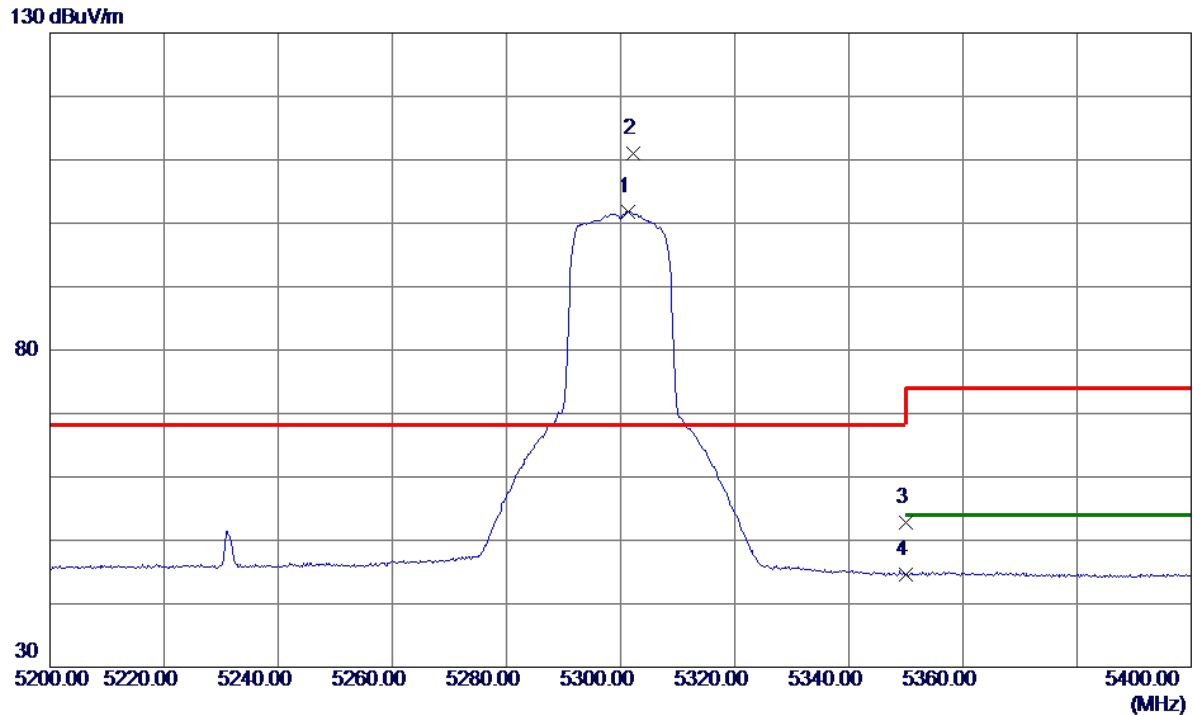
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	15759.8000	25.04	10.29	35.33	54.00	-18.67	AVG	
2	15755.1000	30.75	10.29	41.04	74.00	-32.96	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX A Mode 5300 MHz	Polarization	Vertical
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No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5301.4000	85.66	16.22	101.88	999.00	-897.12	AVG	No Limit
2 *	5302.2000	94.72	16.23	110.95	68.20	42.75	Peak	No Limit
3	5350.0000	36.45	16.35	52.80	74.00	-21.20	Peak	
4	5350.0000	28.30	16.35	44.65	54.00	-9.35	AVG	

REMARKS:

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

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