



FCC Radio Test Report

FCC ID: 2BH7FRE815XV2

This report concerns: Original Grant

Project No. : 2512C072
Equipment : AX5400 Tri-Band Wi-Fi 6 Range Extender
Brand Name : tp-link
Model Name : RE815X
Applicant : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Manufacturer : TP-Link Systems Inc.
Address : 10 Mauchly, Irvine, CA 92618
Date of Receipt : Dec. 05, 2025
Date of Test : Dec. 05, 2025 ~ Mar. 10, 2026
Issued Date : Mar. 31, 2026
Test Sample : Engineering Sample No.: DG920251204165 for Radiated and AC Power
Line Conducted Emissions, DG920251204166 for others.
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)

Terry Deng

Prepared by : _____
Terry Deng

Chay . Cai

Approved by : _____
Chay Cai

No.3, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

Tel: +86-769-8318-3000 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.

The report must not be used by the client to claim product certification, approval, or endorsement by A2LA or any agency of the U.S. Government.

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: 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.

Table of Contents	Page
REVISION HISTORY	5
1 . APPLICABLE STANDARDS	6
2 . SUMMARY OF TEST RESULTS	6
2.1 TEST FACILITY	7
2.2 MEASUREMENT UNCERTAINTY	7
2.3 TEST ENVIRONMENT CONDITIONS	8
3 . GENERAL INFORMATION	9
3.1 GENERAL DESCRIPTION OF EUT	9
3.2 TEST MODES	13
3.3 PARAMETERS OF TEST SOFTWARE	17
3.4 DUTY CYCLE	19
3.5 BLOCK DIAGRAM SHOWING THE CONFIGURATION OF SYSTEM TESTED	22
3.6 SUPPORT UNITS	22
3.7 CUSTOMER INFORMATION DESCRIPTION	22
4 . AC POWER LINE CONDUCTED EMISSIONS	23
4.1 LIMIT	23
4.2 TEST PROCEDURE	23
4.3 DEVIATION FROM TEST STANDARD	23
4.4 TEST SETUP	24
4.5 EUT OPERATION CONDITIONS	24
4.6 TEST RESULTS	24
5 . RADIATED EMISSIONS	25
5.1 LIMIT	25
5.2 TEST PROCEDURE	26
5.3 DEVIATION FROM TEST STANDARD	27
5.4 TEST SETUP	27
5.5 EUT OPERATION CONDITIONS	29
5.6 TEST RESULTS - 9 KHZ TO 30 MHZ	29
5.7 TEST RESULTS - 30 MHZ TO 1000 MHZ	29
5.8 TEST RESULTS - ABOVE 1000 MHZ	29
6 . BANDWIDTH	30
6.1 LIMIT	30

Table of Contents	Page
6.2 TEST PROCEDURE	30
6.3 DEVIATION FROM STANDARD	30
6.4 TEST SETUP	31
6.5 EUT OPERATION CONDITIONS	31
6.6 TEST RESULTS	31
7 . MAXIMUM OUTPUT POWER	32
7.1 LIMIT	32
7.2 TEST PROCEDURE	32
7.3 DEVIATION FROM STANDARD	32
7.4 TEST SETUP	32
7.5 EUT OPERATION CONDITIONS	32
7.6 TEST RESULTS	32
8 . POWER SPECTRAL DENSITY	33
8.1 LIMIT	33
8.2 TEST PROCEDURE	33
8.3 DEVIATION FROM STANDARD	33
8.4 TEST SETUP	34
8.5 EUT OPERATION CONDITIONS	34
8.6 TEST RESULTS	34
9 . MEASUREMENT INSTRUMENTS LIST	35
APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS	44
APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ	47
APPENDIX C - RADIATED EMISSION - 30 MHZ TO 1000 MHZ	52
APPENDIX D - RADIATED EMISSION - ABOVE 1000 MHZ	55
APPENDIX E - BANDWIDTH	196
APPENDIX F - MAXIMUM OUTPUT POWER	236
APPENDIX G - POWER SPECTRAL DENSITY	269

REVISION HISTORY

Report No.	Version	Description	Issued Date	Note
BTL-FCCP-2-2512C072	R00	Original Report.	Mar. 25, 2026	Invalid
BTL-FCCP-2-2512C072	R01	This report revised the Maximum Output Power in chapter 3.1. It is a revision of the report BTL-FCCP-2-2512C072 R00. This is a newly released report, replacing the BTL-FCCP-2-2512C072 R00 report.	Mar. 31, 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	-----	NOTE (5)	-----
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 permanently attached antenna 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
- (5) The item is declared by the manufacturer.

2.1 TEST FACILITY

The test facilities used to collect the test data in this report is at the location of
1# For Radiated Emissions Band edge & Harmonic (1 GHz to 18 GHz): Room 102 & 702, Building A3, No.9, Jinshagang 1st Road, Dalang, Dongguan, Guangdong People's Republic of China.

2# For Other Emissions: 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. Other Measurement test:

Test Item	Uncertainty
Bandwidth	0.75 %
Maximum Output Power	1.3 dB
Power Spectral Density	1.8 dB
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	24°C	53%	AC 120V/60Hz	Hayden Chen
Radiated Emissions -9kHz to 30MHz	22°C	50%	AC 120V/60Hz	Hayden Chen
Radiated Emissions -30MHz to 1000MHz	22°C	50%	AC 120V/60Hz	Torin Long
Radiated Emissions -Above 1000 MHz	24-27°C	38-51%	AC 120V/60Hz	Lafu Li Berton Luo Calvin Wen
Bandwidth	24-25°C	48-49%	AC 120V/60Hz	Jayden Li Alex Yin
Maximum Output Power	21-23°C	46-48%	AC 120V/60Hz	Arvin Tong
Power Spectral Density	24-25°C	48-51%	AC 120V/60Hz	Jayden Li Alex Yin

3. GENERAL INFORMATION

3.1 GENERAL DESCRIPTION OF EUT

Equipment	AX5400 Tri-Band Wi-Fi 6 Range Extender
Brand Name	tp-link
Test Model	RE815X
Model Name	RE815X
Model Difference(s)	N/A
Software Version	V2.0
Hardware Version	V2.0
Power Source	AC M□ins.
Power Rating	100-240V~ 50/60Hz 0.45A
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: 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
Maximum Output Power UNII-1	IEEE 802.11a: 26.86 dBm (0.4853 W)
Maximum Output Power UNII-2A	IEEE 802.11ac(VHT80): 22.94 dBm (0.1968 W)
Maximum Output Power UNII-2C	IEEE 802.11ac(VHT80): 23.90 dBm (0.2455 W)
Maximum Output Power UNII-3	IEEE 802.11ac(VHT20): 29.86 dBm (0.9683 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 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-1		UNII-1		UNII-1	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
36	5180	38	5190	42	5210
40	5200	46	5230		
44	5220				
48	5240				

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

IEEE 802.11a IEEE 802.11n(HT20) IEEE 802.11ac(VHT20) IEEE 802.11ax(HE20)		IEEE 802.11n(HT40) IEEE 802.11ac(VHT40) IEEE 802.11ax(HE40)		IEEE 802.11ac(VHT80) IEEE 802.11ax(HE80)	
UNII-2C		UNII-2C		UNII-2C	
Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
100	5500	102	5510	106	5530
104	5520	110	5550	122	5610
108	5540	118	5590	138	5690
112	5560	126	5630		
116	5580	134	5670		
120	5600	142	5710		
124	5620				
128	5640				
132	5660				
136	5680				
140	5700				
144	5720				

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

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

3. Antenna Specification:

Ant.	Brand	Model Name	Antenna Type	Connector	Gain (dBi)	Note
1	tp-link	RE815X 2.6	Dipole	IPEX	6.15	UNII-1
					6.96	UNII-2A
2	tp-link	RE815X 2.6	Dipole	IPEX	6.30	UNII-1
					6.99	UNII-2A
1	tp-link	RE815X 2.6	Dipole	IPEX	4.93	UNII-2C
					4.73	UNII-3
2	tp-link	RE815X 2.6	Dipole	IPEX	5.66	UNII-2C
					4.56	UNII-3

Note:

- This EUT supports CDD, and all antenna gains are not equal, Directional gain = $G_{ANT} + \text{Array Gain}$.
For power measurements, Array Gain=0dB ($N_{ANT} \leq 4$), so the UNII-1 Directional gain=6.30, the UNII-2A Directional gain=6.99, the UNII-2C Directional gain=5.66, the UNII-3 Directional gain=4.73.
So, the UNII-1 output power limit is $30 - (6.30 - 6) = 29.70$, the UNII-2A output power limit is $23.98 - (6.99 - 6) = 22.99$.
For power spectral density measurements,
Directional gain(each angle) = $10 \log[(10^{G1/20} + 10^{G2/20} + \dots + 10^{GN/20})^2 / N]$ dBi,
For the UNII-1 Directional gain(each angle) = $10 \log[(10^{2.43/20} + 10^{6.30/20})^2 / 2]$ dBi=7.59,
For the UNII-2A Directional gain(each angle) = $10 \log[(10^{5.91/20} + 10^{5.72/20})^2 / 2]$ dBi=8.83,
For the UNII-2C Directional gain(each angle) = $10 \log[(10^{4.13/20} + 10^{5.66/20})^2 / 2]$ dBi=7.94,
For the UNII-3 Directional gain(each angle) = $10 \log[(10^{4.22/20} + 10^{4.56/20})^2 / 2]$ dBi=7.40,
The UNII-1 power spectral density limit is $17 - (7.59 - 6) = 15.41$, the UNII-2A power spectral density limit is $11 - (8.83 - 6) = 8.17$, the UNII-2C power spectral density limit is $11 - (7.94 - 6) = 9.06$, the UNII-3 power spectral density limit is $30 - (7.40 - 6) = 28.60$.
- Beamforming Gain is 3dB.

4. Table for Antenna Configuration:
For Non Beamforming:

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)

For Beamforming:

Operating Mode	TX Mode	2TX
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)

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 AC(VHT20) Mode Channel 36/40/48 (UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46 (UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42 (UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48 (UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46 (UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42 (UNII-1)
Mode 8	TX A Mode Channel 52/60/64 (UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64 (UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62 (UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58 (UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64 (UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62 (UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58 (UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50 (UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144 (UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138 (UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114 (UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144 (UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142 (UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138 (UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114 (UNII-2C)
Mode 26	TX A Mode Channel 149/157/165 (UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165 (UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159 (UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155 (UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165 (UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159 (UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155 (UNII-3)
Mode 33	TX AC(VHT20) Mode Channel 149(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 33	TX AC(VHT20) Mode Channel 149(UNII-3)

Radiated Emissions Test - Below 1GHz & Above 18 GHz	
Final Test Mode	Description
Mode 33	TX AC(VHT20) Mode Channel 149(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 AC(VHT20) Mode Channel 36/40/48(UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46(UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42(UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48(UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46(UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42(UNII-1)
Mode 8	TX A Mode Channel 52/60/64(UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64(UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62(UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58(UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64(UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62(UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58(UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50(UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50(UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144(UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144(UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142(UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138(UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114(UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144(UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142(UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138(UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114(UNII-2C)
Mode 26	TX A Mode Channel 149/157/165(UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165(UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159(UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155(UNII-3)

Radiated Emissions Test - 1 GHz - 18 GHz	
Final Test Mode	Description
Mode 30	TX AX(HE20) Mode Channel 149/157/165(UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159(UNII-3)
Mode 32	TX AX(HE80) 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 AC(VHT20) Mode Channel 36/40/48(UNII-1)
Mode 3	TX AC(VHT40) Mode Channel 38/46(UNII-1)
Mode 4	TX AC(VHT80) Mode Channel 42(UNII-1)
Mode 5	TX AX(HE20) Mode Channel 36/40/48(UNII-1)
Mode 6	TX AX(HE40) Mode Channel 38/46(UNII-1)
Mode 7	TX AX(HE80) Mode Channel 42(UNII-1)
Mode 8	TX A Mode Channel 52/60/64(UNII-2A)
Mode 9	TX AC(VHT20) Mode Channel 52/60/64(UNII-2A)
Mode 10	TX AC(VHT40) Mode Channel 54/62(UNII-2A)
Mode 11	TX AC(VHT80) Mode Channel 58(UNII-2A)
Mode 12	TX AX(HE20) Mode Channel 52/60/64(UNII-2A)
Mode 13	TX AX(HE40) Mode Channel 54/62(UNII-2A)
Mode 14	TX AX(HE80) Mode Channel 58(UNII-2A)
Mode 15	TX AC(VHT160) Mode Channel 50(UNII-1+UNII-2A)
Mode 16	TX AX(HE160) Mode Channel 50(UNII-1+UNII-2A)
Mode 17	TX A Mode Channel 100/116/140/144(UNII-2C)
Mode 18	TX AC(VHT20) Mode Channel 100/116/140/144(UNII-2C)
Mode 19	TX AC(VHT40) Mode Channel 102/110/134/142(UNII-2C)
Mode 20	TX AC(VHT80) Mode Channel 106/122/138(UNII-2C)
Mode 21	TX AC(VHT160) Mode Channel 114(UNII-2C)
Mode 22	TX AX(HE20) Mode Channel 100/116/140/144(UNII-2C)
Mode 23	TX AX(HE40) Mode Channel 102/110/134/142(UNII-2C)
Mode 24	TX AX(HE80) Mode Channel 106/122/138(UNII-2C)
Mode 25	TX AX(HE160) Mode Channel 114(UNII-2C)
Mode 26	TX A Mode Channel 149/157/165(UNII-3)
Mode 27	TX AC(VHT20) Mode Channel 149/157/165(UNII-3)
Mode 28	TX AC(VHT40) Mode Channel 151/159(UNII-3)
Mode 29	TX AC(VHT80) Mode Channel 155(UNII-3)
Mode 30	TX AX(HE20) Mode Channel 149/157/165(UNII-3)
Mode 31	TX AX(HE40) Mode Channel 151/159(UNII-3)
Mode 32	TX AX(HE80) Mode Channel 155(UNII-3)

Note:

- (1) For AC power line conducted emissions and radiated emission below 1 GHz test, the TX AC(VHT20) Mode Channel 149(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) For Beamforming operation, the manufacturer automatically reduces power based on a factor calculated as the difference between the beamforming directional gain and the CDD directional power gain. Thus, only the CDD mode was evaluated in this report.
- (6) IEEE 802.11ax mode only supports full RU, so only the full RU is evaluated and measured inside report.
- (7) VHT20/VHT40 covers HT20/HT40, due to same modulation. The power setting for 802.11n HT20 and HT40 are the same or lower than 802.11ac VHT20 and VHT40.
- (8) For radiated emission 1 GHz - 18GHz test, the polarization of Vertical and Horizontal are evaluated, the worst case is recorded the worst case.

3.3 PARAMETERS OF TEST SOFTWARE

UNII-1			
Test Software Version	test tree		
Frequency (MHz)	5180	5200	5240
IEEE 802.11a	20.5	21.5	22
IEEE 802.11ac(VHT20)	21	21	23
IEEE 802.11ax(HE20)	20.5	22	22.5
Frequency (MHz)	5190	5230	
IEEE 802.11ac(VHT40)	18	21	
IEEE 802.11ax(HE40)	20	22.5	
Frequency (MHz)	5210		
IEEE 802.11ac(VHT80)	19		
IEEE 802.11ax(HE80)	19		

UNII-2A			
Test Software Version	test tree		
Frequency (MHz)	5260	5300	5320
IEEE 802.11a	15.5	15	15
IEEE 802.11ac(VHT20)	16	15.5	15.5
IEEE 802.11ax(HE20)	16	15.5	15.5
Frequency (MHz)	5270	5310	
IEEE 802.11ac(VHT40)	18	17.5	
IEEE 802.11ax(HE40)	18.5	18	
Frequency (MHz)	5290		
IEEE 802.11ac(VHT80)	20		
IEEE 802.11ax(HE80)	19		

UNII-1+UNII-2A	
Test Software Version	test tree
Frequency (MHz)	5250
IEEE 802.11ac(VHT160)	18
IEEE 802.11ax(HE160)	19

UNII-2C				
Test Software Version	test tree			
Frequency (MHz)	5500	5580	5700	5720
IEEE 802.11a	16	16	16	15
IEEE 802.11ac(VHT20)	16.5	16.5	16.5	15.5
IEEE 802.11ax(HE20)	17	17	16.5	15.5
Frequency (MHz)	5510	5550	5670	5710
IEEE 802.11ac(VHT40)	18	18.5	18.5	18
IEEE 802.11ax(HE40)	18.5	18.5	18.5	18.5
Frequency (MHz)	5530	5610	5690	
IEEE 802.11ac(VHT80)	18.5	20.5	19.5	
IEEE 802.11ax(HE80)	19	20.5	19.5	
Frequency (MHz)	5570			
IEEE 802.11ac(VHT160)	18.5			
IEEE 802.11ax(HE160)	18			

UNII-3			
Test Software Version	test tree		
Frequency (MHz)	5745	5785	5825
IEEE 802.11a	24.5	26	26.5
IEEE 802.11ac(VHT20)	26	26	27
IEEE 802.11ax(HE20)	25.5	26	27.5
Frequency (MHz)	5755	5795	
IEEE 802.11ac(VHT40)	23	26	
IEEE 802.11ax(HE40)	21.5	22	
Frequency (MHz)	5775		
IEEE 802.11ac(VHT80)	21		
IEEE 802.11ax(HE80)	26.5		

3.4 DUTY CYCLE

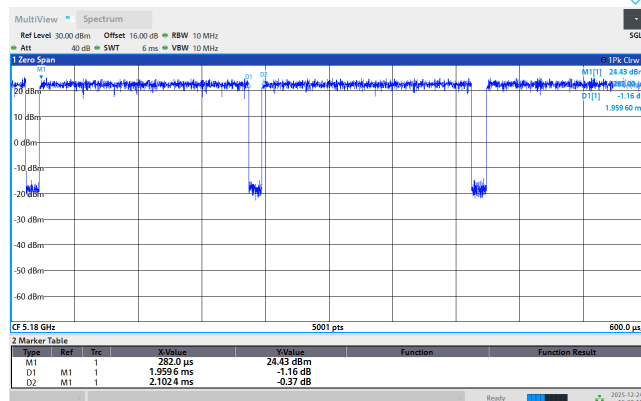
If duty cycle is $\geq 98\%$, duty factor is not required.

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.

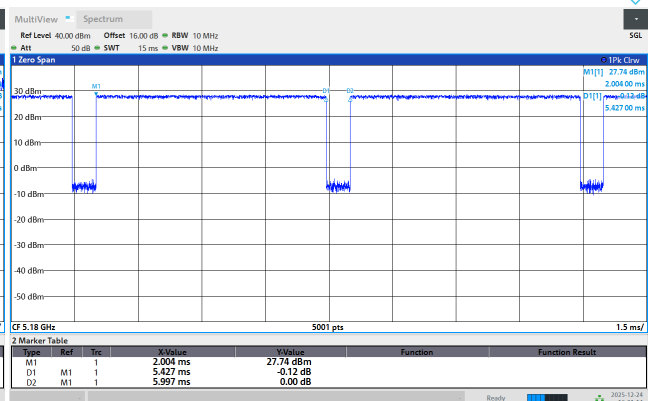
802.11a



03:39:15 PM 12/24/2025

Duty cycle = $1.960 \text{ ms} / 2.102 \text{ ms} = 93.24\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.30 \text{ dB}$

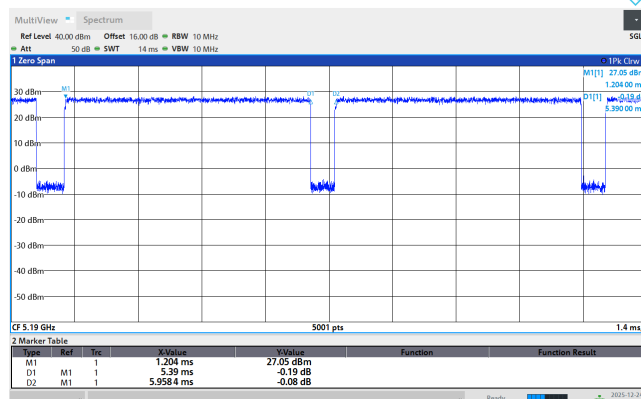
802.11ac(VHT20)



04:01:15 PM 12/24/2025

Duty cycle = $5.427 \text{ ms} / 5.997 \text{ ms} = 90.50\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.43 \text{ dB}$

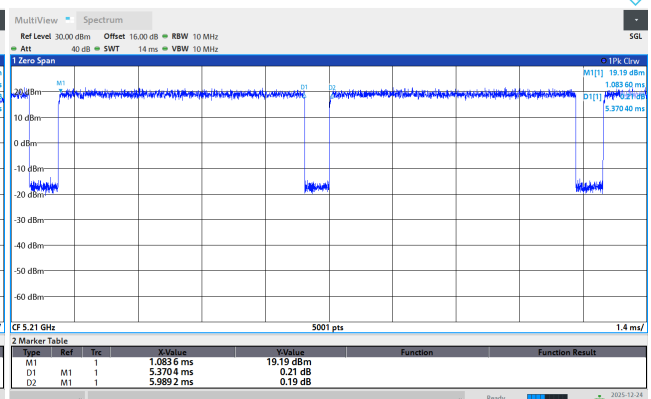
802.11ac(VHT40)



04:20:54 PM 12/24/2025

Duty cycle = $5.390 \text{ ms} / 5.958 \text{ ms} = 90.47\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.44 \text{ dB}$

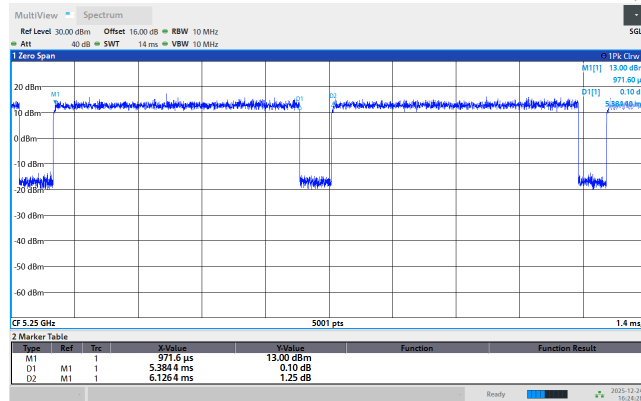
802.11ac(VHT80)



04:22:00 PM 12/24/2025

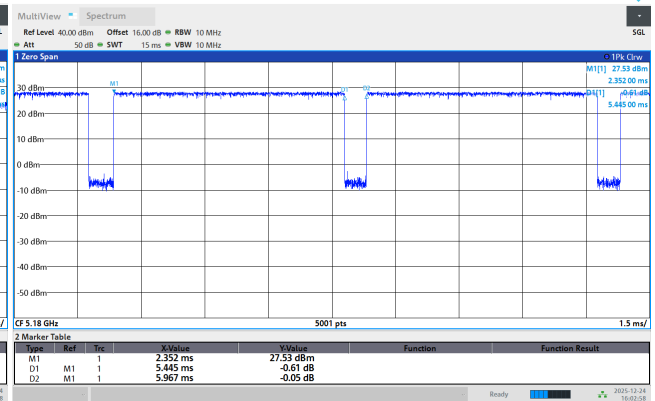
Duty cycle = $5.370 \text{ ms} / 5.989 \text{ ms} = 89.66\%$
Duty Factor = $10 \log(1/\text{Duty cycle}) = 0.47 \text{ dB}$

802.11ac(VHT160)



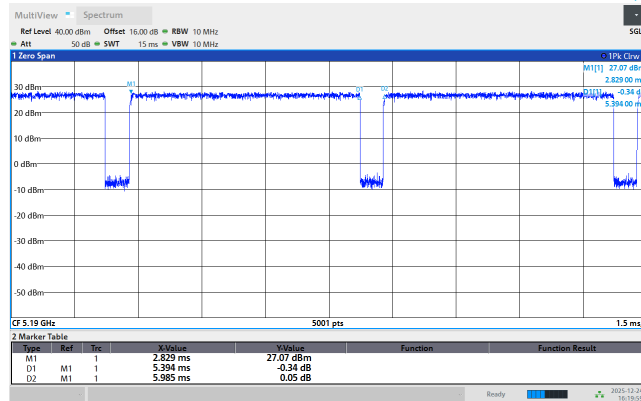
Duty cycle = 5.384 ms / 6.126 ms = 87.89%
Duty Factor = 10 log(1/Duty cycle) = 0.56 dB

802.11ax(HE20)



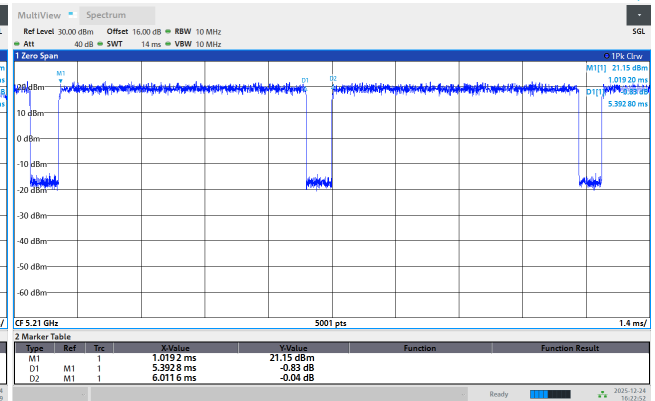
Duty cycle = 5.445 ms / 5.967 ms = 91.25%
Duty Factor = 10 log(1/Duty cycle) = 0.40 dB

802.11ax(HE40)



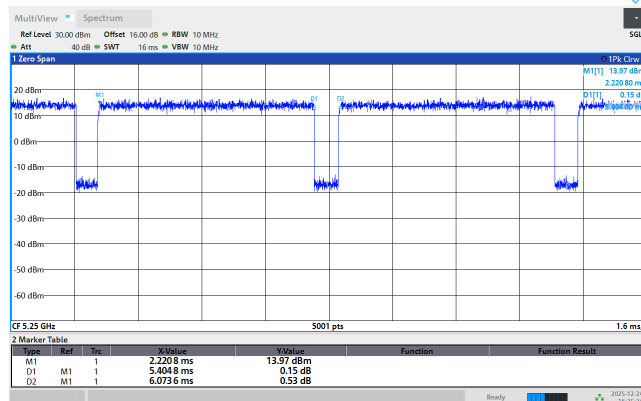
Duty cycle = 5.394 ms / 5.985 ms = 90.13%
Duty Factor = 10 log(1/Duty cycle) = 0.45 dB

802.11ax(HE80)



Duty cycle = 5.393 ms / 6.012 ms = 89.70%
Duty Factor = 10 log(1/Duty cycle) = 0.47 dB

802.11ax(HE160)



Duty cycle = 5.405 ms / 6.074 ms = 88.99%
Duty Factor = 10 log(1/Duty cycle) = 0.51 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 510 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 184 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 186 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT80):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 186 Hz (Duty cycle < 98%).

For IEEE 802.11ac(VHT160):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 186 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE20):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 184 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE40):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 185 Hz (Duty cycle < 98%).

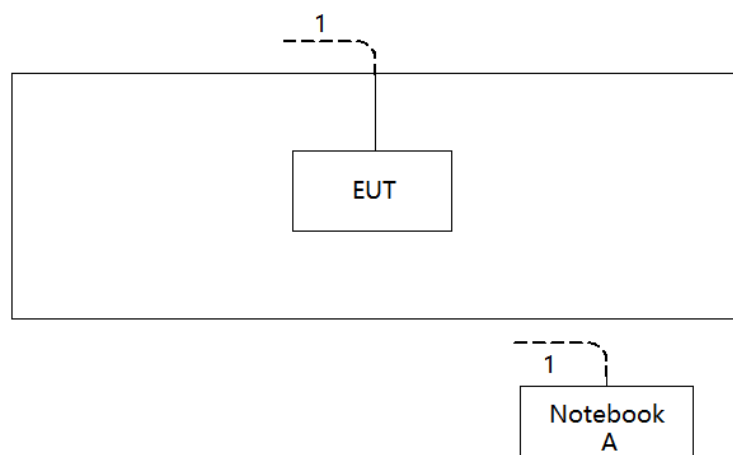
For IEEE 802.11ax(HE80):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 185 Hz (Duty cycle < 98%).

For IEEE 802.11ax(HE160):

For radiated emissions frequency above 1 GHz, the resolution bandwidth of test receiver/spectrum analyzer is 1 MHz and the video bandwidth is 185 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	Notebook	Honor	14SER5 3500	N/A

Item	Cable Type	Shielded Type	Ferrite Core	Length
1	RJ45 Cable	NO	NO	10m

3.7 CUSTOMER INFORMATION DESCRIPTION

- 1) The antenna gain and beamforming gain are 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 (dB μ V)	
	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.

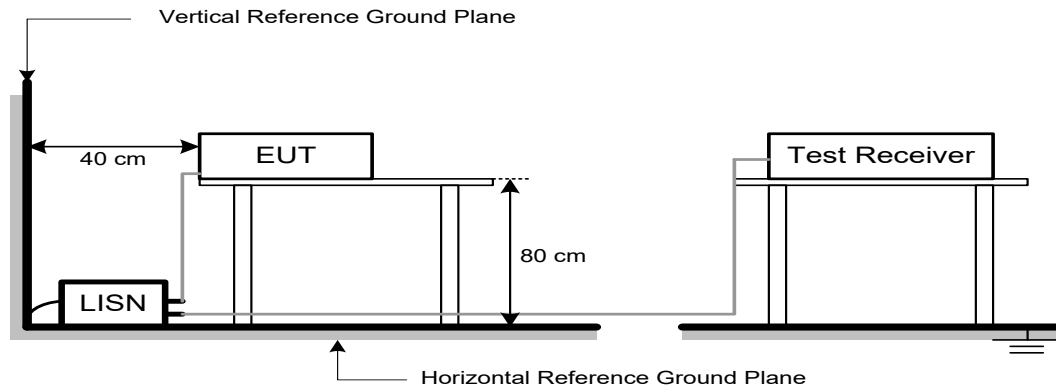
The following table is the setting of the receiver:

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.

5.2 TEST PROCEDURE

- The measuring distance of 3 m shall be used for measurements. The EUT was placed on the top of a rotating table 0.8 meter above the ground at a 3 meter semi-anechoic chamber. The table was rotated 360 degrees to determine the position of the highest radiation.(below 1GHz)
- The measuring distance of 3 m 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)
- 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.
- For each suspected emission, the EUT was arranged to its worst case and then the antenna was tuned to heights find the maximum reading (used Bore sight function).
- The receiver system was set to peak and average detect function and specified bandwidth with maximum hold mode when the test frequency is above 1 GHz.
- The initial step in collecting radiated emission data is a receiver peak detector mode pre-scanning the measurement frequency range. Significant peaks are then marked and then Quasi Peak detector mode re-measured.
- All readings are Peak unless otherwise stated QP in column of Note. Peak denotes that the Peak reading compliance with the QP Limits and then QP Mode measurement didn't perform. (below 1 GHz)
- 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)
- 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

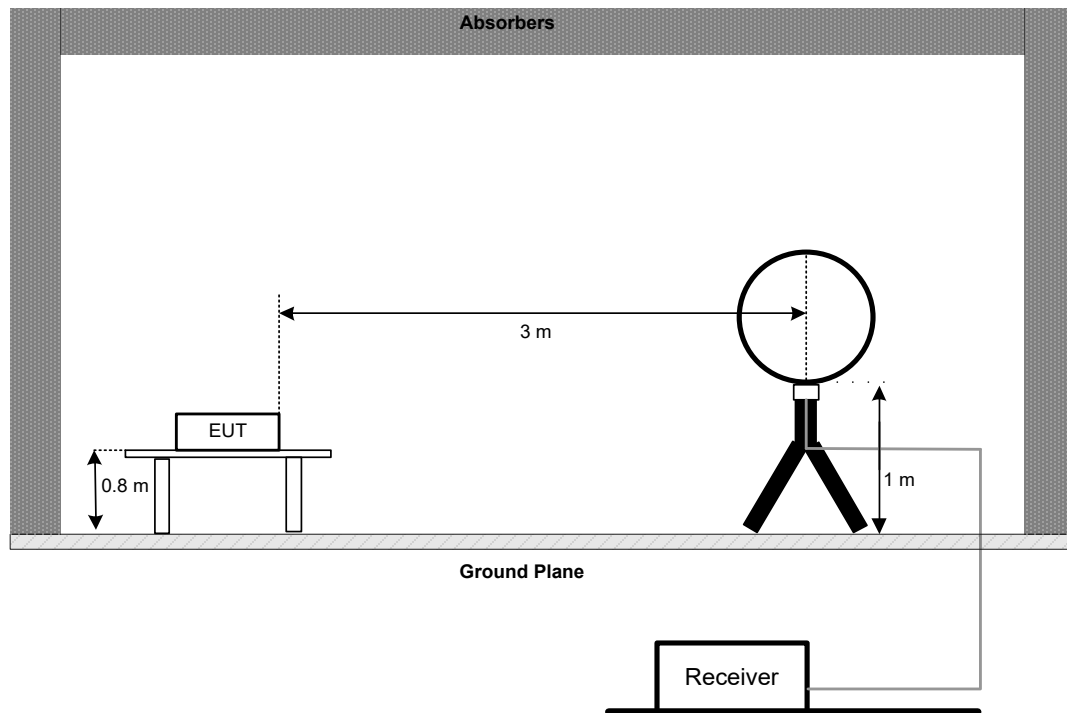
Receiver Parameters	Setting
Start ~ Stop Frequency	9 kHz~90 kHz for PK/AVG detector
Start ~ Stop Frequency	90 kHz~110 kHz for QP detector
Start ~ Stop Frequency	110 kHz~490 kHz for PK/AVG detector
Start ~ Stop Frequency	490 kHz~30 MHz for QP detector
Start ~ Stop Frequency	30 MHz~1000 MHz for QP detector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

5.3 DEVIATION FROM TEST STANDARD

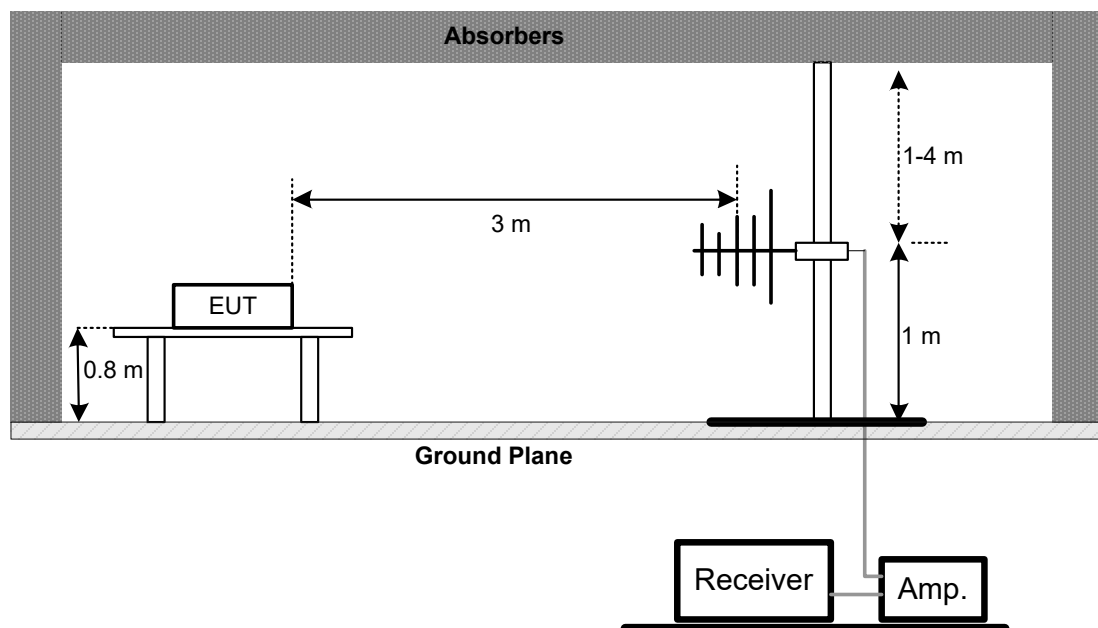
No deviation.

5.4 TEST SETUP

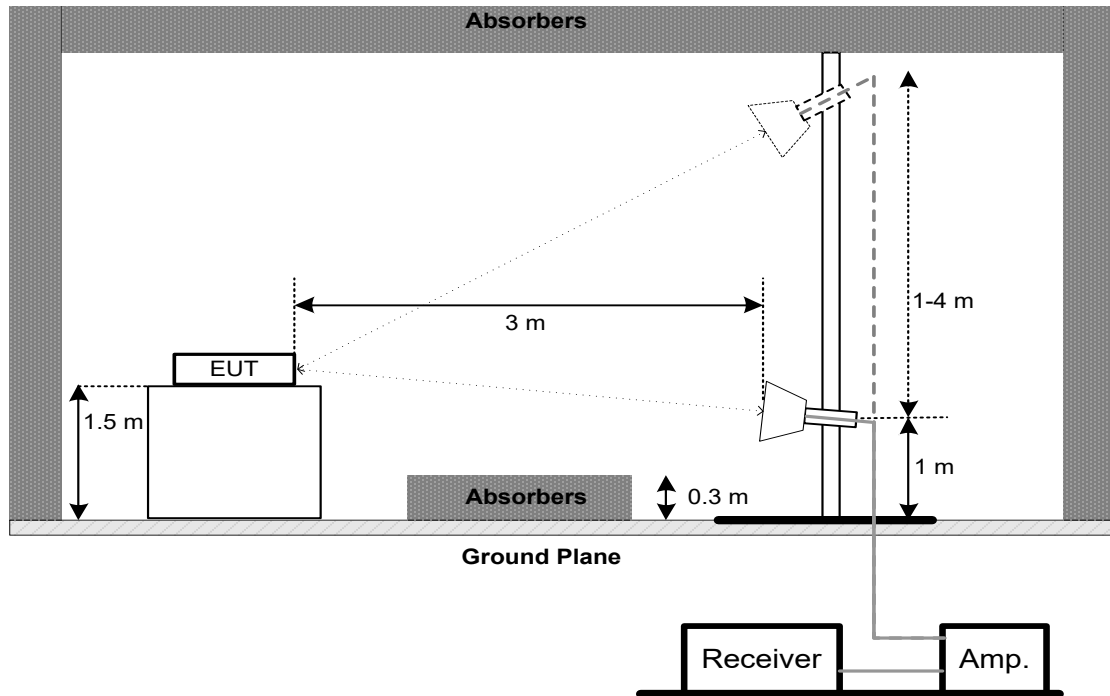
9 kHz to 30 MHz



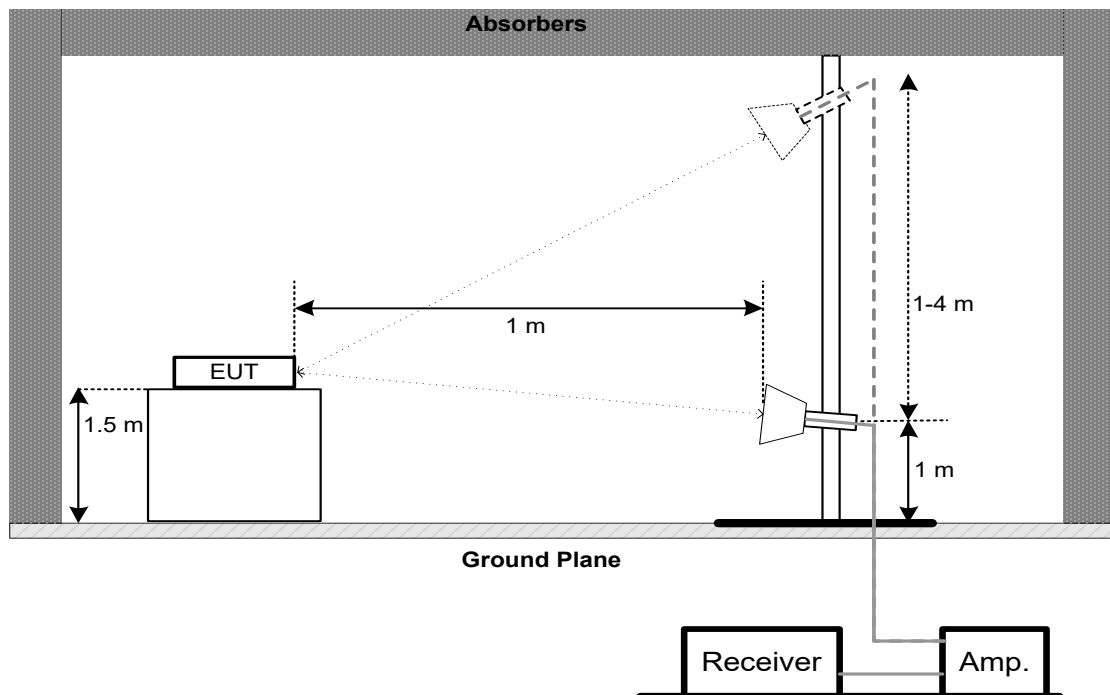
30 MHz to 1 GHz



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 an indoor access point operating in the band 5.15-5.25 GHz, the maximum conducted output power over the frequency band of operation shall not exceed 1 W provided the maximum antenna gain does not exceed 6 dBi. In addition, the maximum power spectral density shall not exceed 17 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.

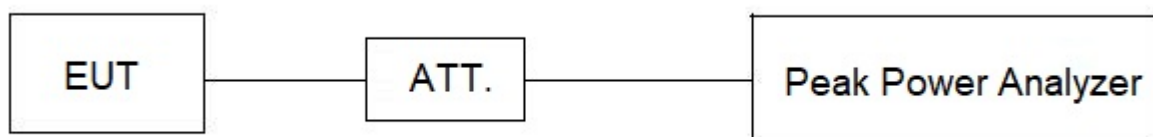
7.2 TEST PROCEDURE

- 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. MEASUREMENT INSTRUMENTS LIST

AC Power Line Conducted Emissions (Test Date: Dec. 12, 2025)					
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. 12, 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. 12, 2025)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Trilog-Broadband Antenna	Schwarzbeck	VULB 9168	01462	Dec. 14, 2025
2	Attenuator	EMC INSTRUMENT	EMCI-N-6-06	AT-06009	Dec. 14, 2025
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. 19, 2025 – Jan. 15, 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	Preamplifier	EMC INSTRUMENT	EMC118A45SE	981001	May 28, 2026
9	Attenuator	Talent Microwave	TA10A2-S-18	N/A	N/A
10	Filter	COM-MW	ZHPE6-M6500-180 00-547	N/A	Oct. 17, 2026
11	Double Ridged Horn Antenna	RF SPIN	DRH18-E	210509A18ES	Sep. 12, 2026

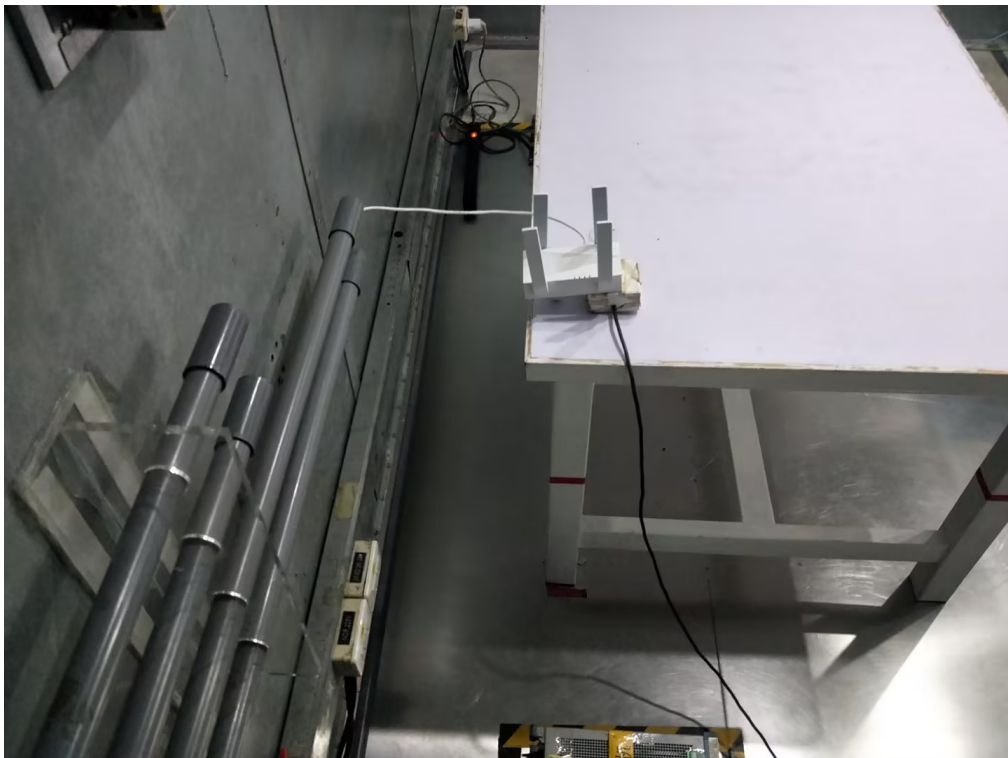
Radiated Emissions - Above 18 GHz (Test Date: Jan. 05, 2026)					
Item	Kind of Equipment	Manufacturer	Type No.	Serial No.	Calibrated until
1	Cable	Tonscend	HF160-KMKM-0.5M	N/A	Oct. 21, 2026
2	Cable	Tonscend	HF160-KMKM-5M	N/A	Oct. 21, 2026
3	Pre-Amplifier	EMC INSTRUMENT	EMC184045SE	980409	Nov. 21, 2026
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	Oct. 17, 2026

Bandwidth & Power Spectral Density (Test Date: Dec. 24, 2025 – Jan. 01, 2026)					
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

Maximum Output Power (Test Date: Dec. 15, 2025 – Jan. 12, 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

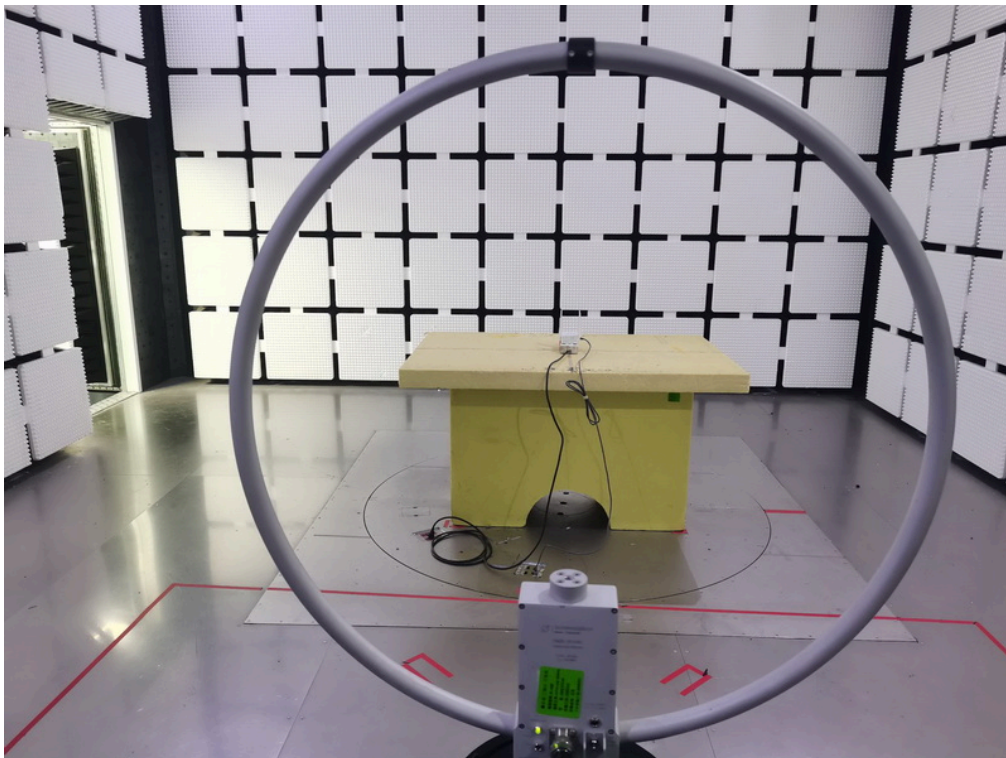
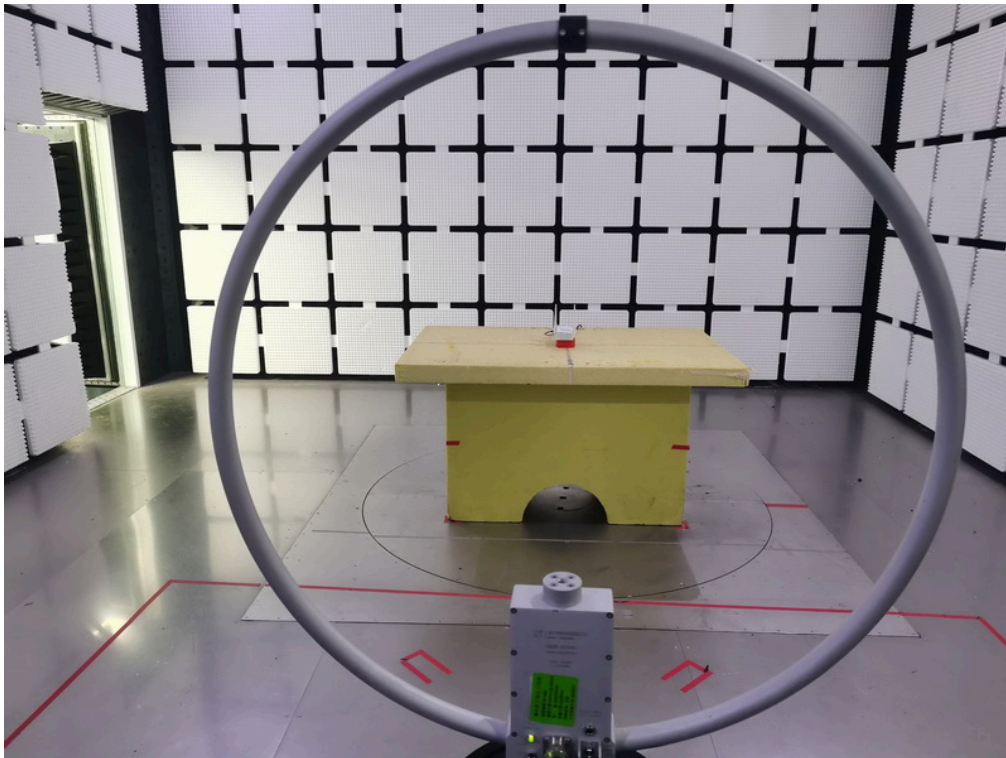
Remark: "N/A" denotes no model name, serial no. or calibration specified.

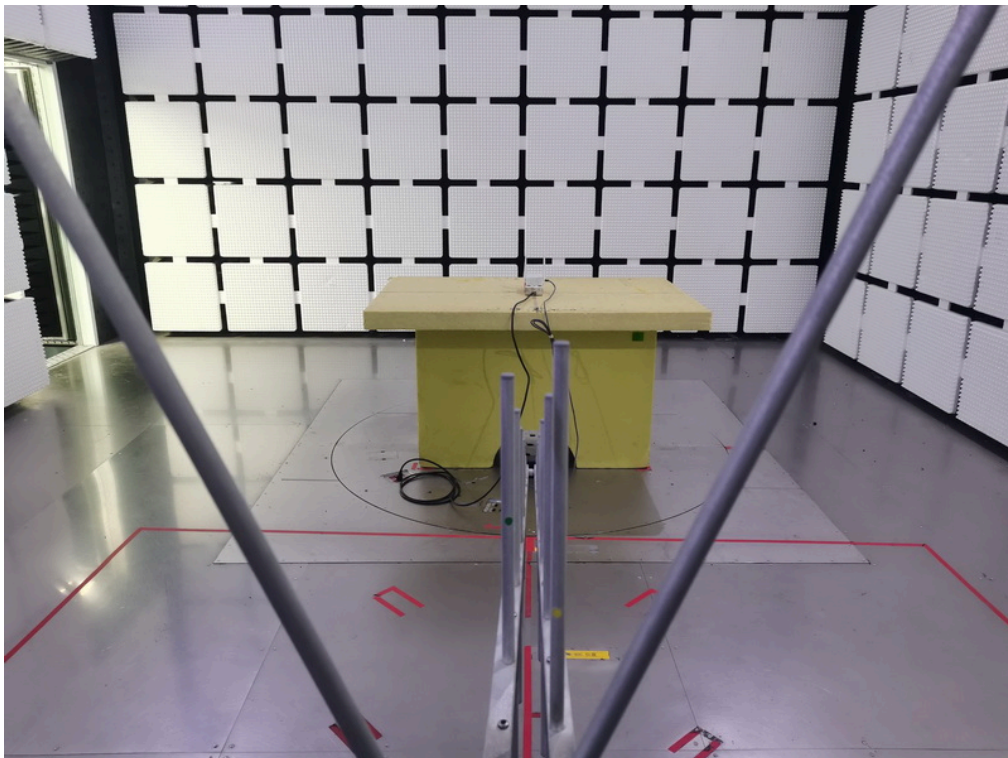
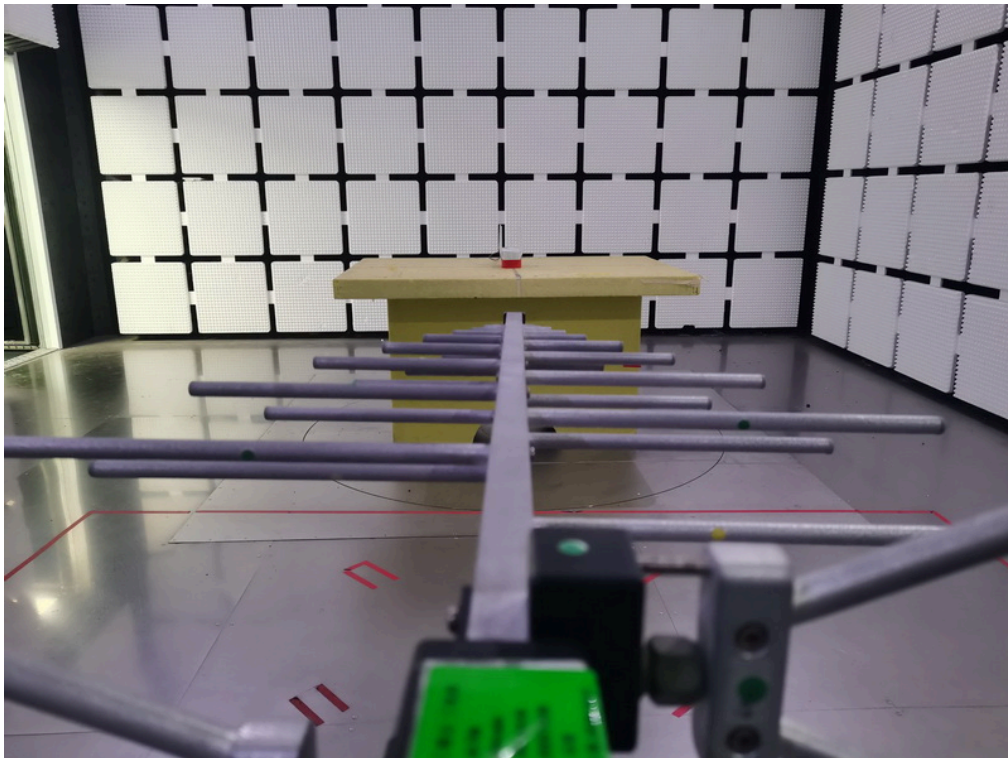
All calibration period of equipment list is one year.

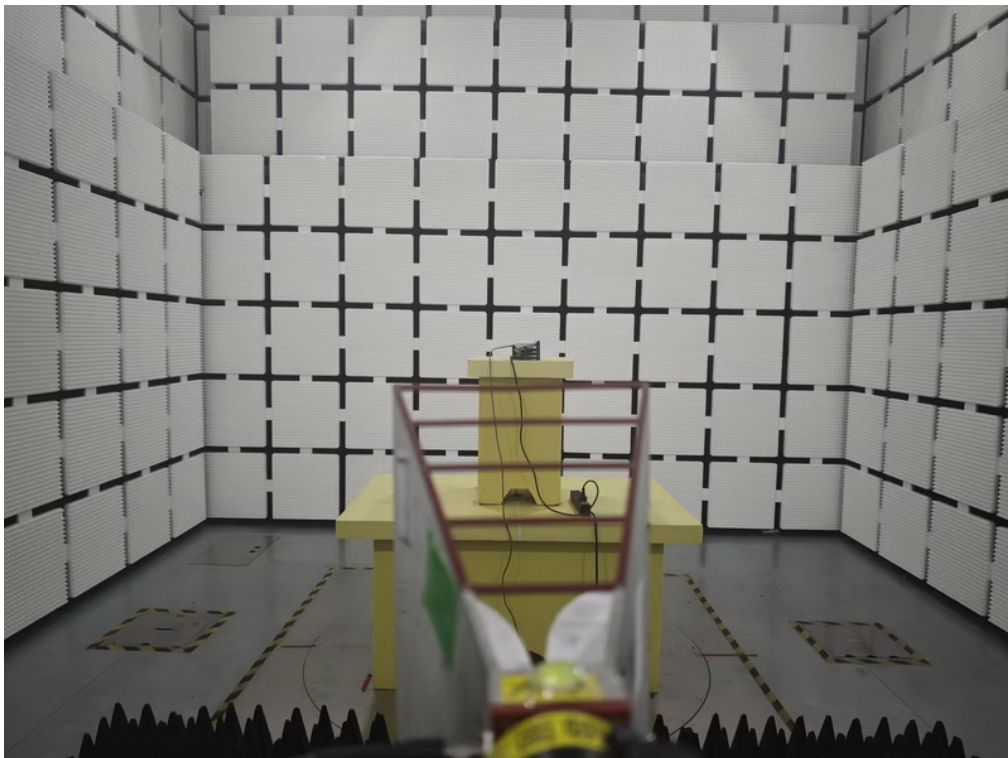
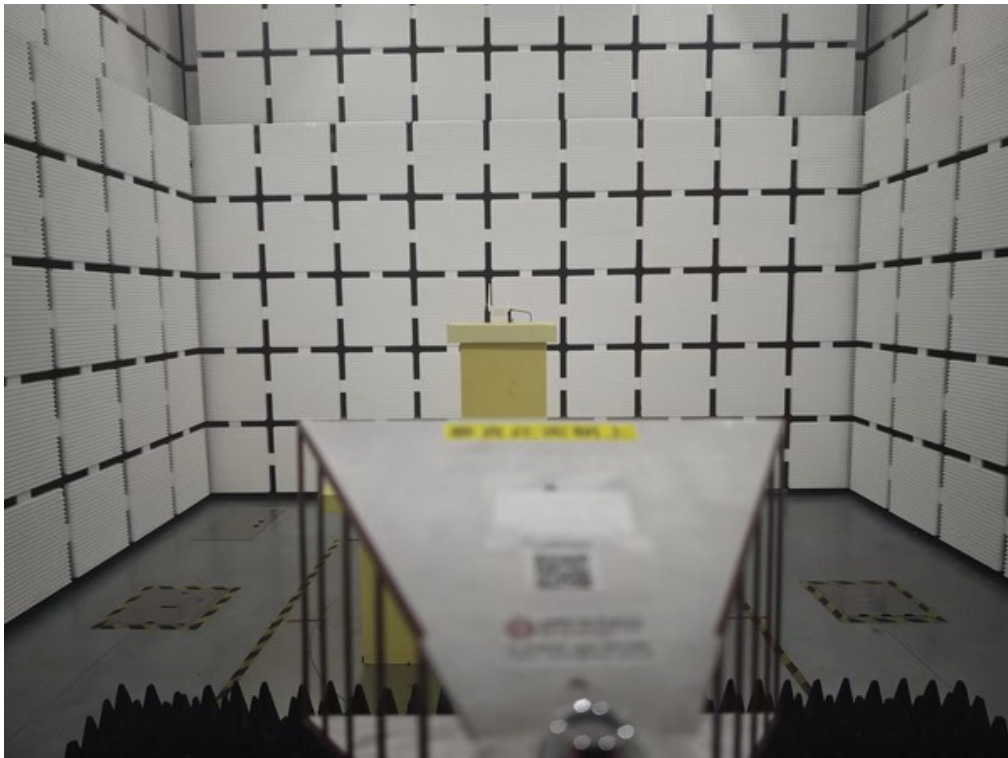
9.1. EUT TEST PHOTOS**AC Power Line Conducted Emissions Test Photos**

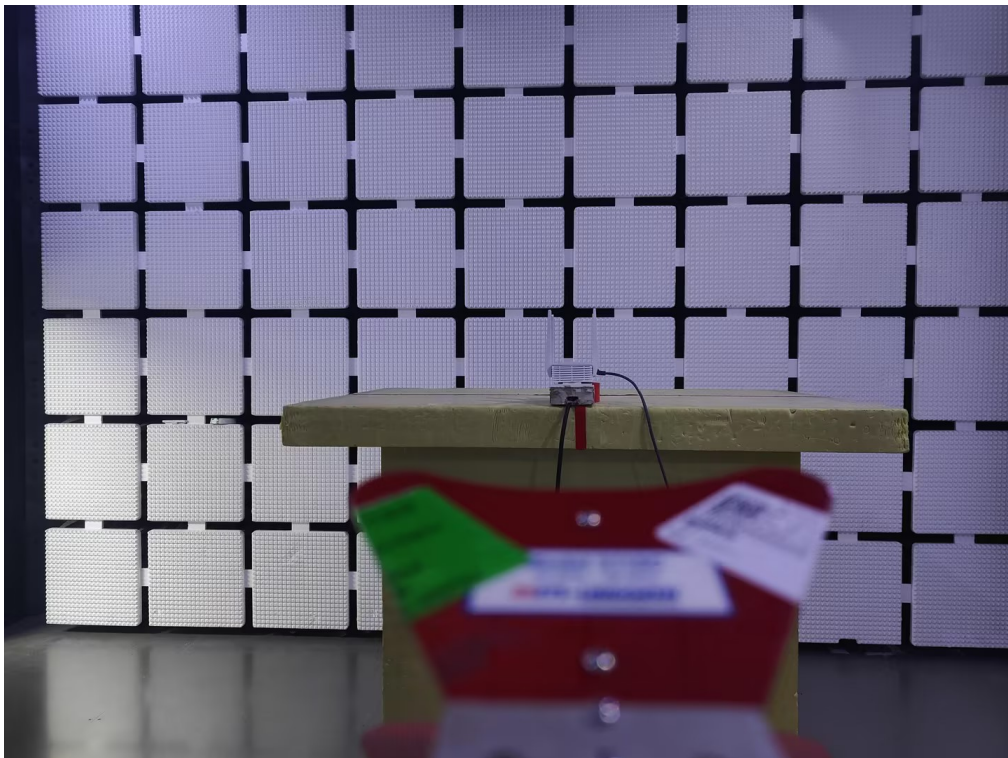
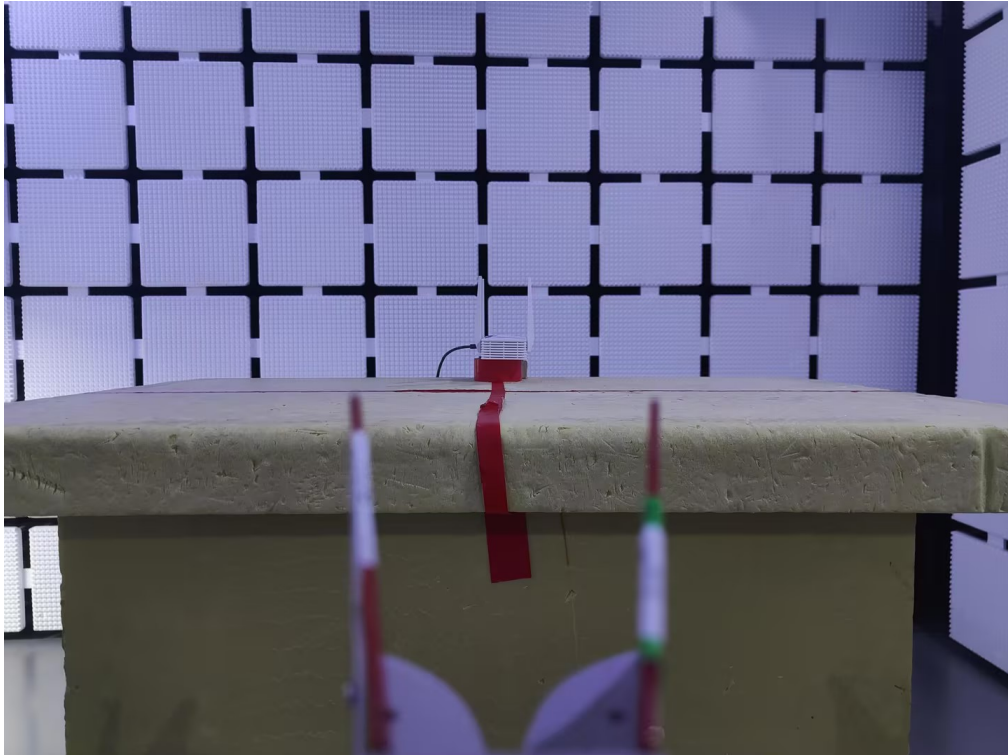
Radiated Emissions Test Photos

9 kHz to 30 MHz

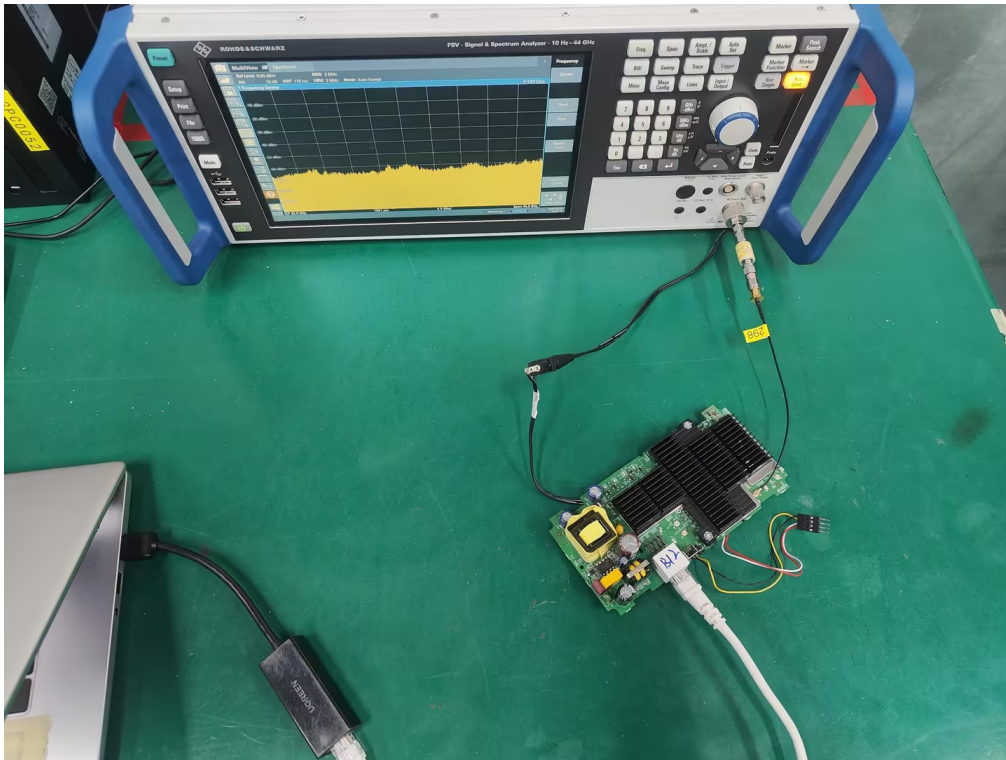


Radiated Emissions Test Photos**30 MHz to 1 GHz**

Radiated Emissions Test Photos**Band edge & Harmonic(1 GHz to 18 GHz)**

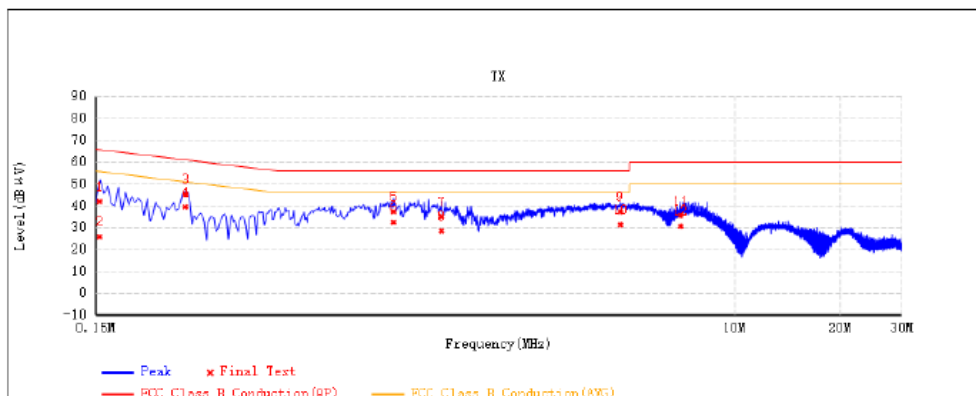
Radiated Emissions Test Photos**Harmonic(18 GHz to 40 GHz)**

Conducted Test Photos



APPENDIX A - AC POWER LINE CONDUCTED EMISSIONS

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Phase	Line
-----------	--	-------	------

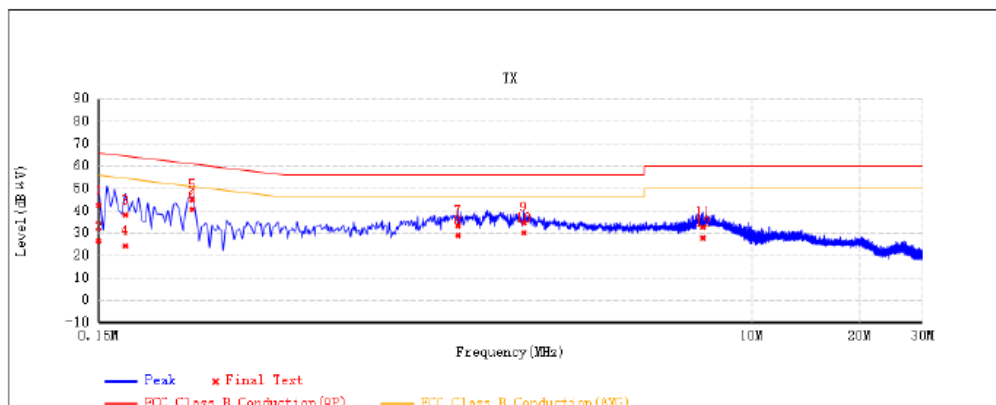


Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.1536	31.7	10.37	42.07	65.8	-23.74	QP	
	2	0.1536	15.61	10.37	25.97	55.8	-29.83	AVG	
	3	0.2698	35.11	10.44	45.55	61.13	-15.58	QP	
*	4	0.2698	29.22	10.44	39.65	51.13	-11.47	AVG	
	5	1.0622	26.89	10.56	37.45	56	-18.55	QP	
	6	1.0622	22.09	10.56	32.66	46	-13.34	AVG	
	7	1.4544	24.64	10.59	35.23	56	-20.77	QP	
	8	1.4544	18.11	10.59	28.7	46	-17.3	AVG	
	9	4.7219	26.36	11.07	37.43	56	-18.57	QP	
	10	4.7219	20.37	11.07	31.44	46	-14.56	AVG	
	11	7.0104	24.48	11.2	35.68	60	-24.32	QP	
	12	7.0104	19.64	11.2	30.84	50	-19.16	AVG	

REMARKS:

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

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Phase	Neutral
-----------	--	-------	---------



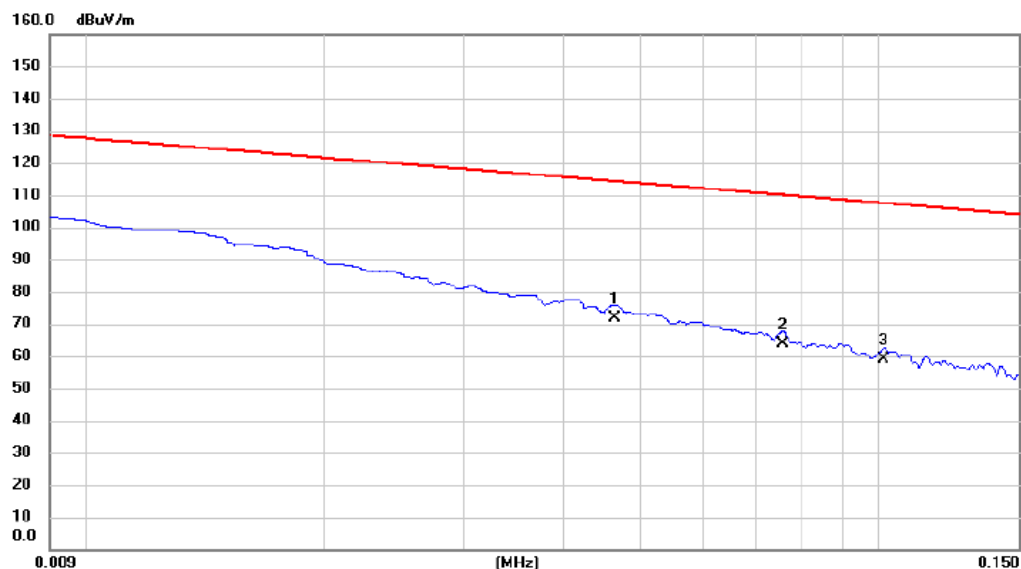
Suspected Note List									
	NO.	Freq. [MHz]	Reading [dBμV]	Factor [dB]	Level [dBμV]	Limit [dBμV]	Margin [dB]	Detector	Content
	1	0.15	32.09	10.42	42.5	66	-23.5	QP	
	2	0.15	16.27	10.42	26.68	56	-29.32	AVG	
	3	0.178	27.66	10.43	38.09	64.58	-26.49	QP	
	4	0.178	14.04	10.43	24.47	54.58	-30.11	AVG	
	5	0.2739	34.6	10.47	45.07	61	-15.93	QP	
*	6	0.2739	30.22	10.47	40.69	51	-10.31	AVG	
	7	1.5104	22.72	10.63	33.35	56	-22.65	QP	
	8	1.5104	18.45	10.63	29.07	46	-16.93	AVG	
	9	2.3097	24.13	10.7	34.84	56	-21.16	QP	
	10	2.3097	19.43	10.7	30.13	46	-15.87	AVG	
	11	7.3017	21.53	11.35	32.88	60	-27.12	QP	
	12	7.3017	16.5	11.35	27.86	50	-22.14	AVG	

REMARKS:

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

APPENDIX B - RADIATED EMISSION - 9 KHZ TO 30 MHZ

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Polarization	Ant 0°
-----------	--	--------------	--------



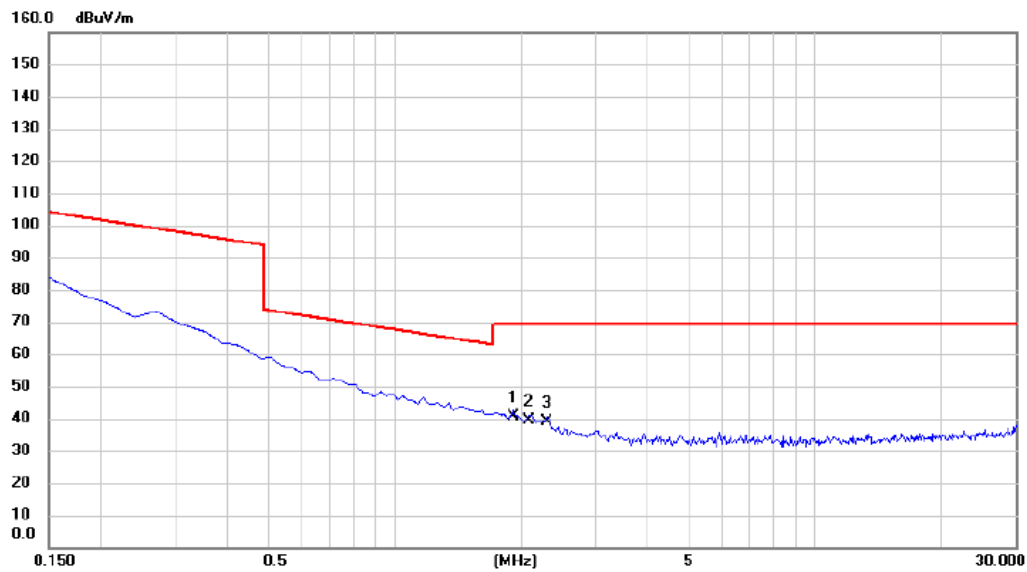
No.	Mk.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
		MHz	dBuV	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1	*	0.046	51.86	20.14	72.00	114.27	-42.27	AVG	
2		0.076	43.81	20.14	63.95	110.03	-46.08	AVG	
3		0.102	38.97	20.14	59.11	107.48	-48.37	QP	

REMARKS:

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

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

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Polarization	Ant 0°
-----------	--	--------------	--------



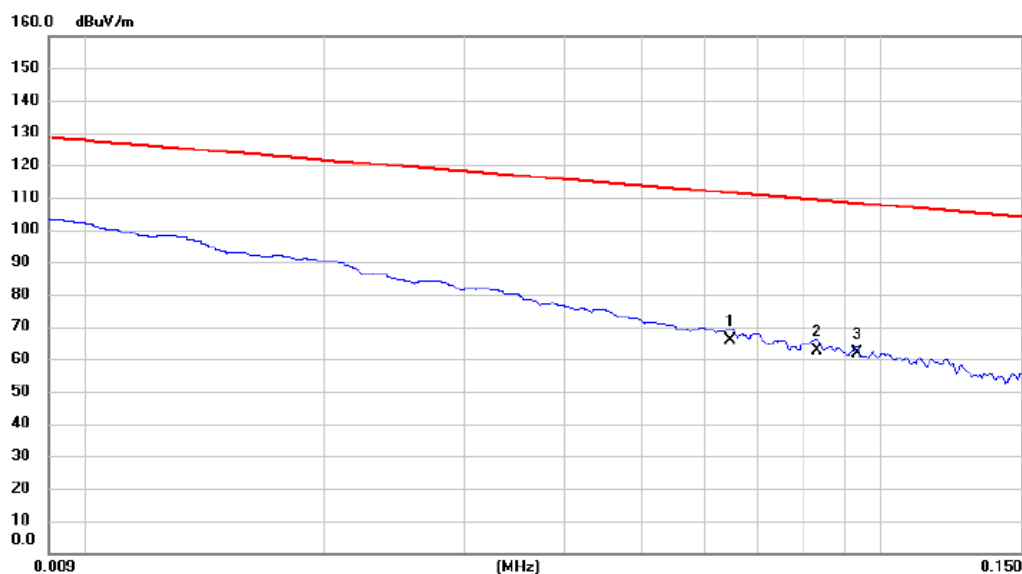
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	1.911	20.78	20.01	40.79	69.54	-28.75	QP	
2		2.090	19.31	20.01	39.32	69.54	-30.22	QP	
3		2.299	18.85	20.02	38.87	69.54	-30.67	QP	

REMARKS:

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

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

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Polarization	Ant 90°
-----------	--	--------------	---------



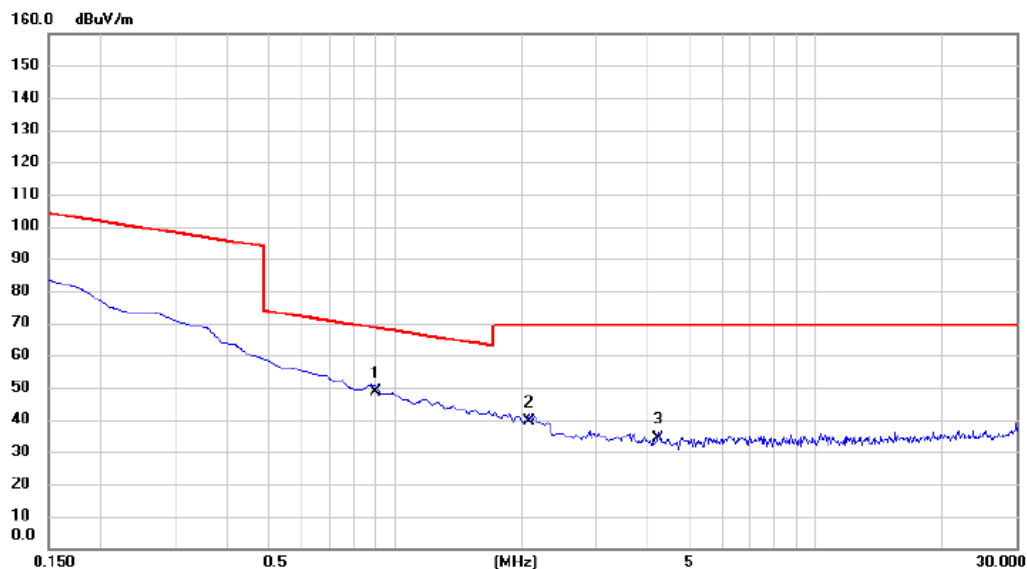
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	0.065	45.81	20.14	65.95	111.40	-45.45	AVG	
2		0.083	42.35	20.14	62.49	109.22	-46.73	AVG	
3		0.093	41.76	20.14	61.90	108.22	-46.32	QP	

REMARKS:

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

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

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Polarization	Ant 90°
-----------	--	--------------	---------



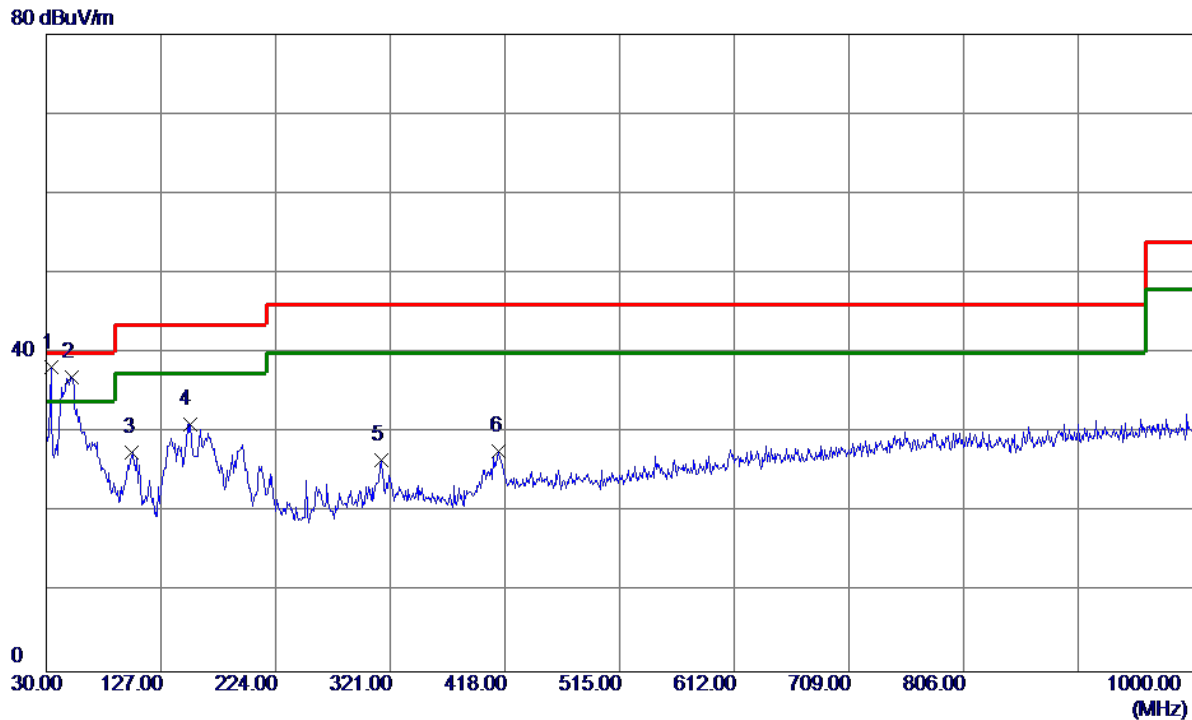
No. Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	0.896	28.76	19.98	48.74	68.56	-19.82	QP	
2	2.090	19.35	20.01	39.36	69.54	-30.18	QP	
3	4.210	13.89	20.14	34.03	69.54	-35.51	QP	

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 AC(VHT20) Mode Channel 149 (UNII-3)	Polarization	Vertical
-----------	--	--------------	----------



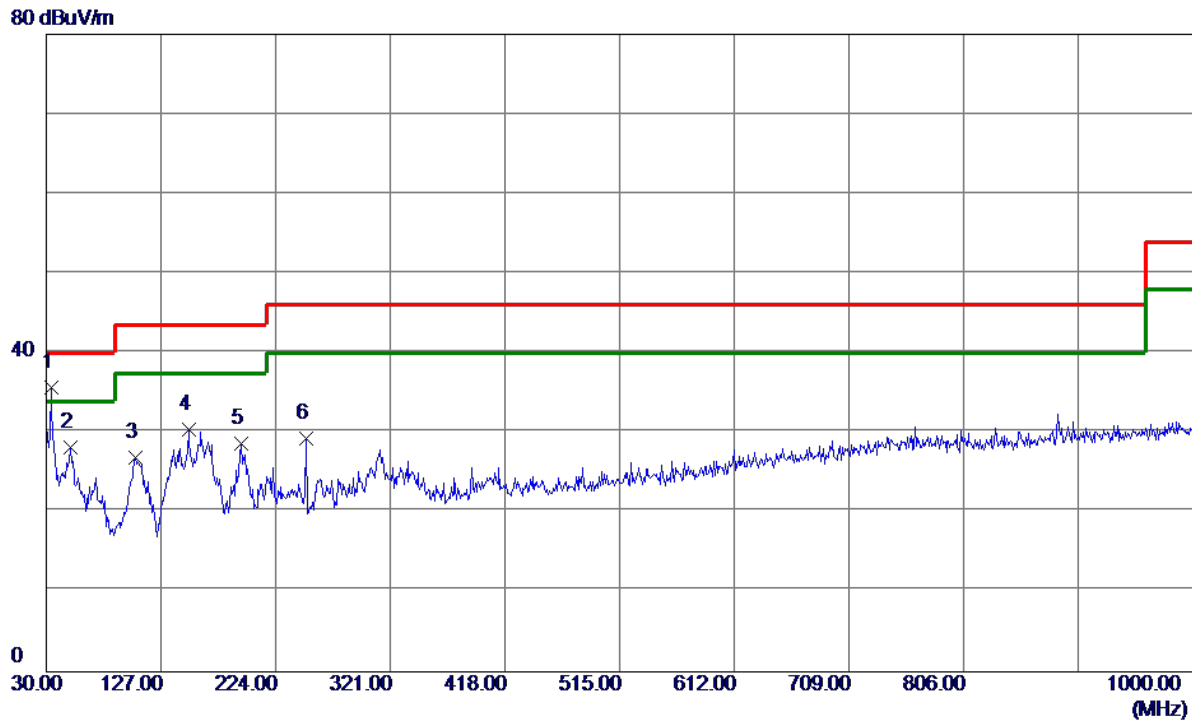
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.8800	50.58	-12.42	38.16	40.00	-1.84	Peak	
2	51.3400	48.08	-11.09	36.99	40.00	-3.01	Peak	
3	102.7500	42.51	-14.97	27.54	43.52	-15.98	Peak	
4	151.2500	41.54	-10.48	31.06	43.52	-12.46	Peak	
5	313.2400	35.40	-8.88	26.52	46.02	-19.50	Peak	
6	413.1500	34.58	-6.96	27.62	46.02	-18.40	Peak	

REMARKS:

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

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

Test Mode	TX AC(VHT20) Mode Channel 149 (UNII-3)	Polarization	Horizontal
-----------	--	--------------	------------



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	33.8800	48.14	-12.42	35.72	40.00	-4.28	Peak	
2	50.3700	39.28	-11.06	28.22	40.00	-11.78	Peak	
3	105.6600	41.40	-14.53	26.87	43.52	-16.65	Peak	
4	150.2800	40.85	-10.49	30.36	43.52	-13.16	Peak	
5	194.9000	41.53	-12.84	28.69	43.52	-14.83	Peak	
6	250.1900	39.91	-10.62	29.29	46.02	-16.73	Peak	

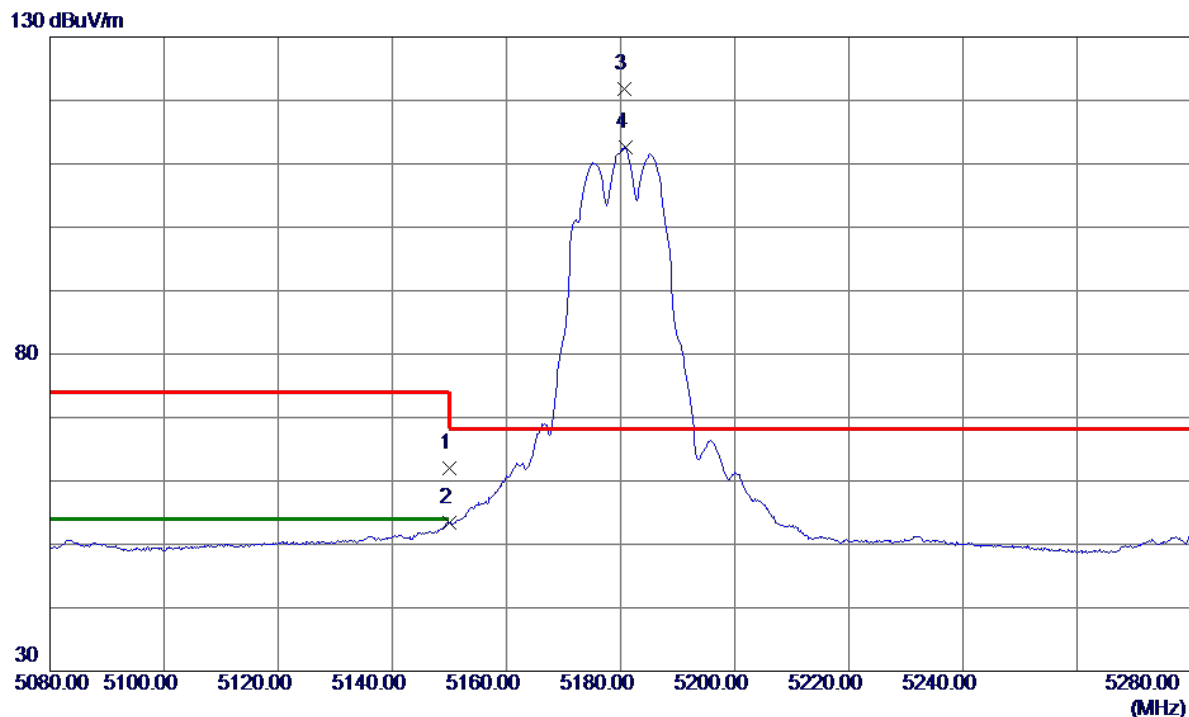
REMARKS:

(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
-----------	---------------------------	--------------	----------



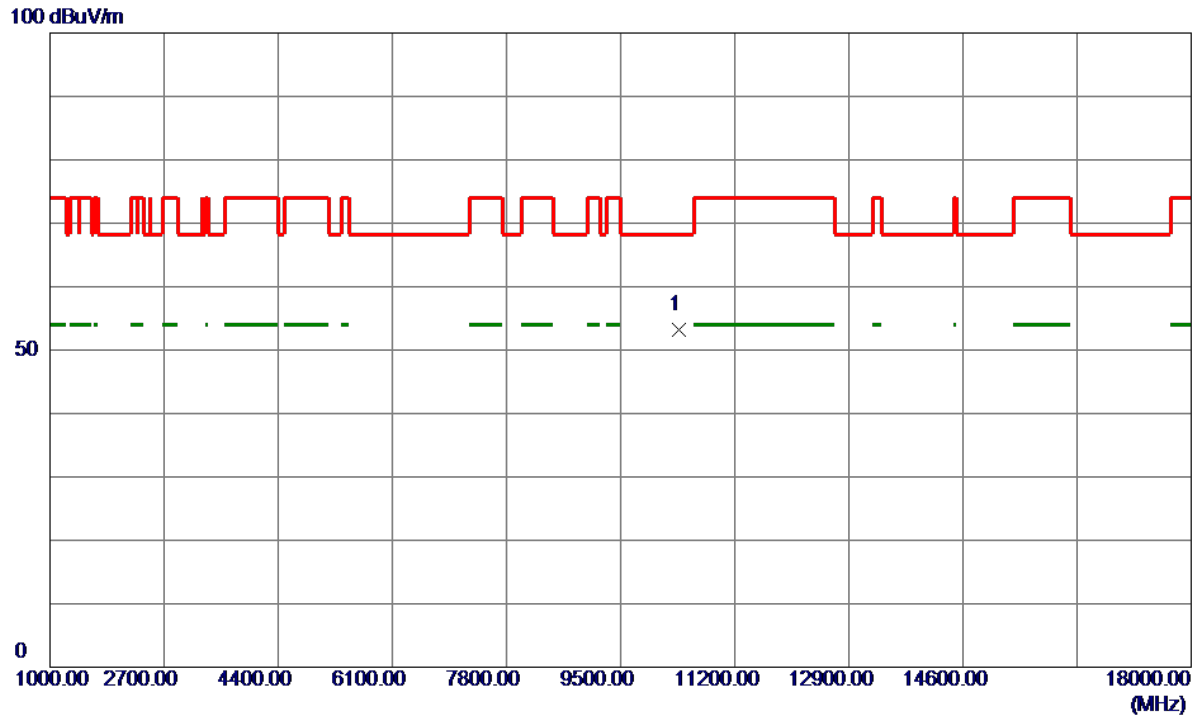
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	46.12	15.83	61.95	74.00	-12.05	Peak	
2	5150.0000	37.55	15.83	53.38	54.00	-0.62	AVG	
3 *	5180.6000	105.82	15.91	121.73	68.20	53.53	Peak	No Limit
4	5180.8000	96.74	15.91	112.65	999.00	-886.35	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
-----------	---------------------------	--------------	----------



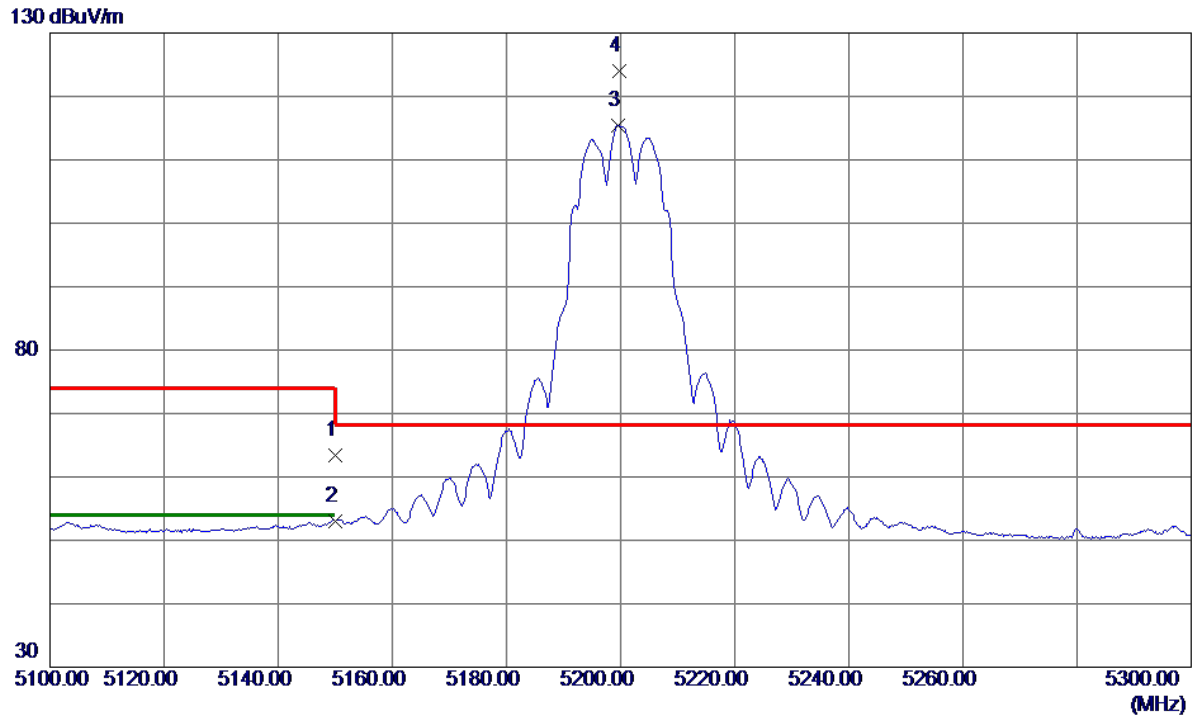
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10359.8400	42.45	10.72	53.17	68.20	-15.03	Peak	

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
-----------	---------------------------	--------------	----------



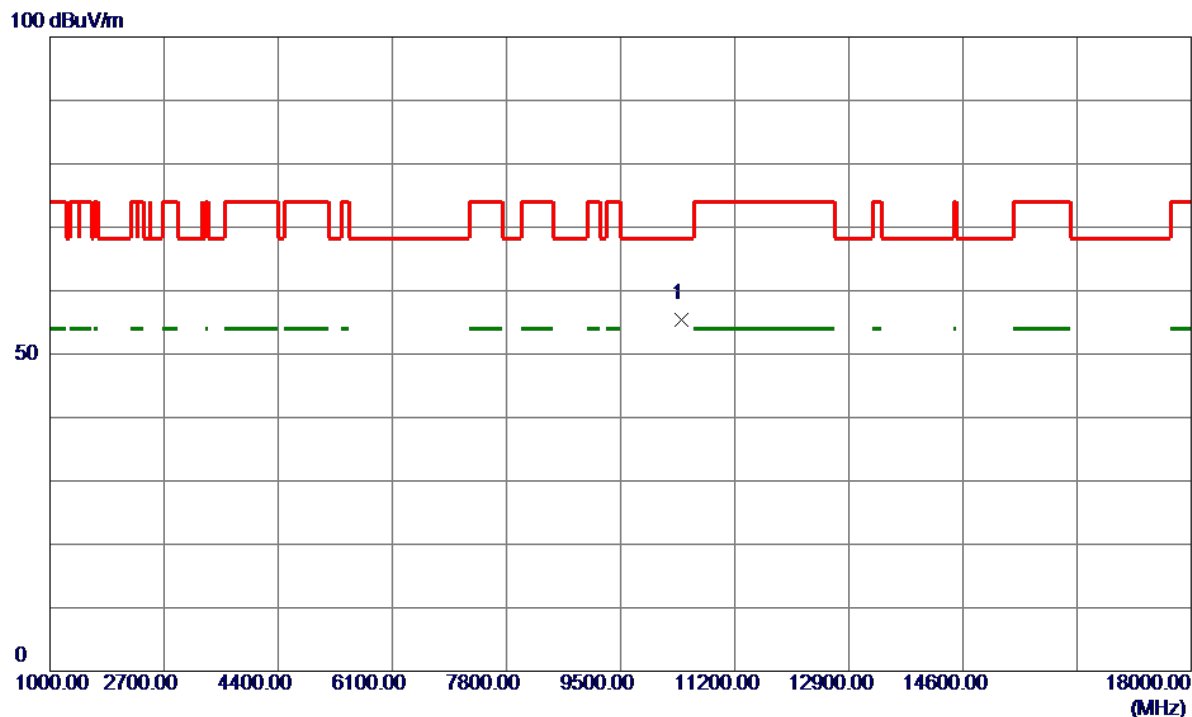
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	47.51	15.83	63.34	74.00	-10.66	Peak	
2	5150.0000	37.23	15.83	53.06	54.00	-0.94	AVG	
3	5199.6000	99.42	15.96	115.38	999.00	-883.62	AVG	No Limit
4 *	5199.8000	108.11	15.96	124.07	68.20	55.87	Peak	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
-----------	---------------------------	--------------	----------



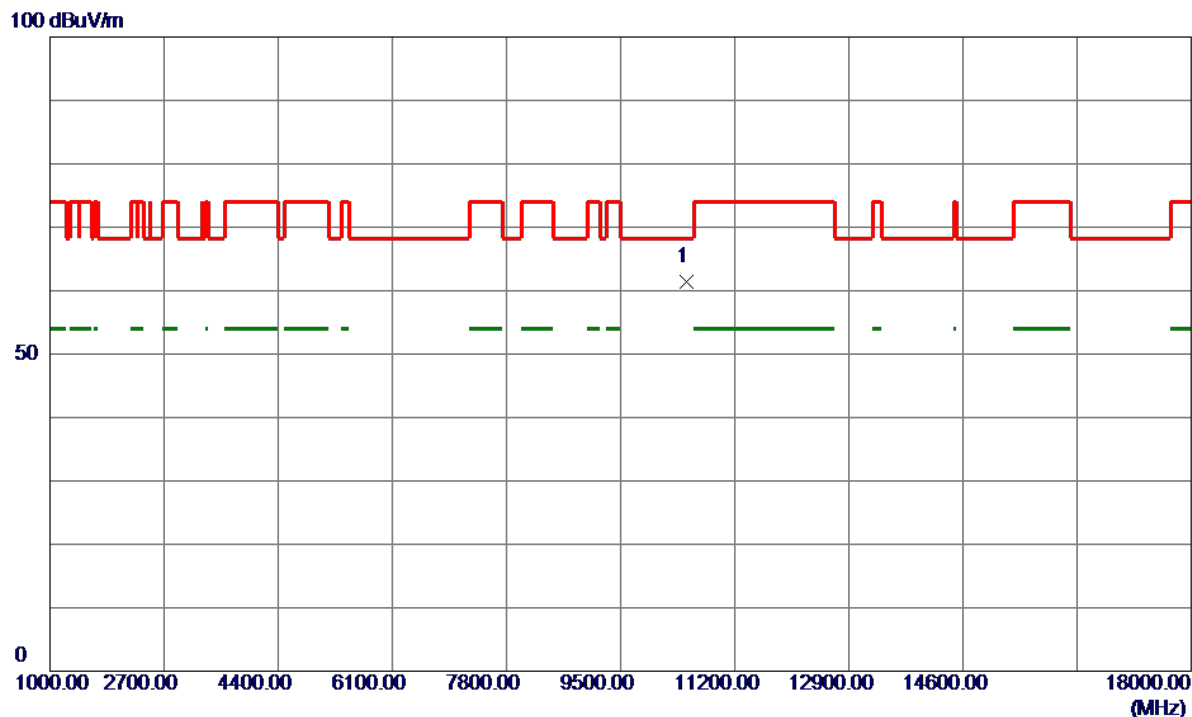
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10400.2800	44.73	10.77	55.50	68.20	-12.70	Peak	

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
-----------	---------------------------	--------------	----------



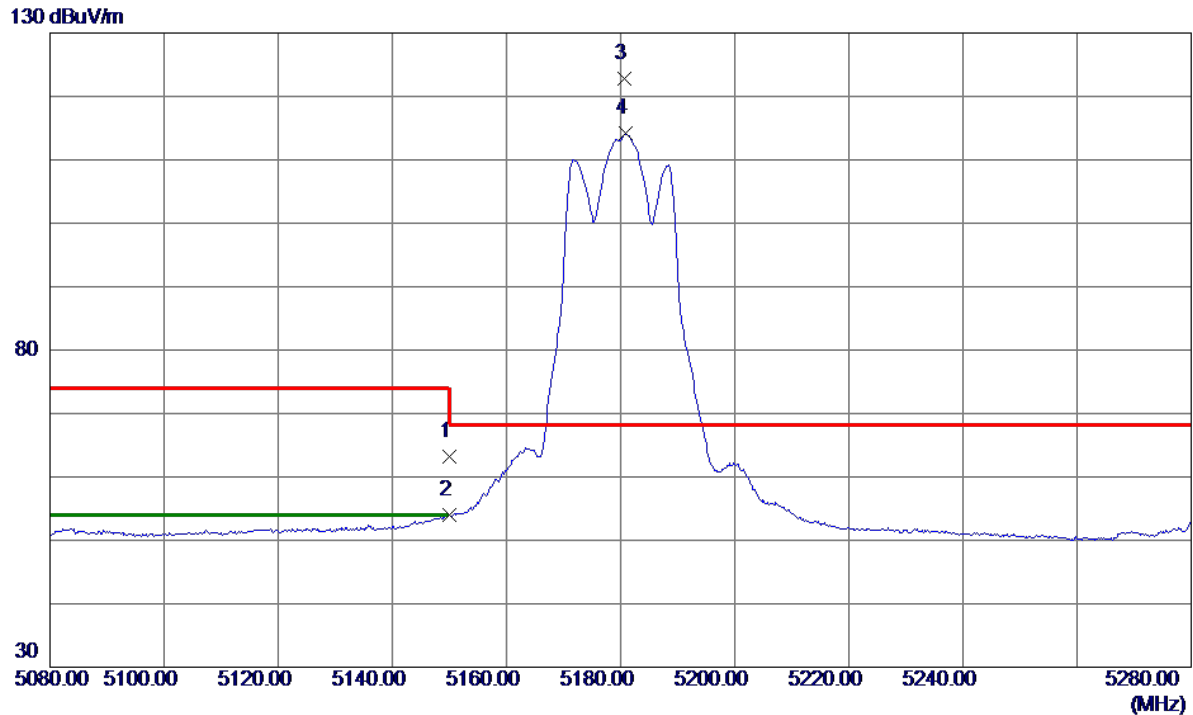
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10483.2000	50.48	10.89	61.37	68.20	-6.83	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



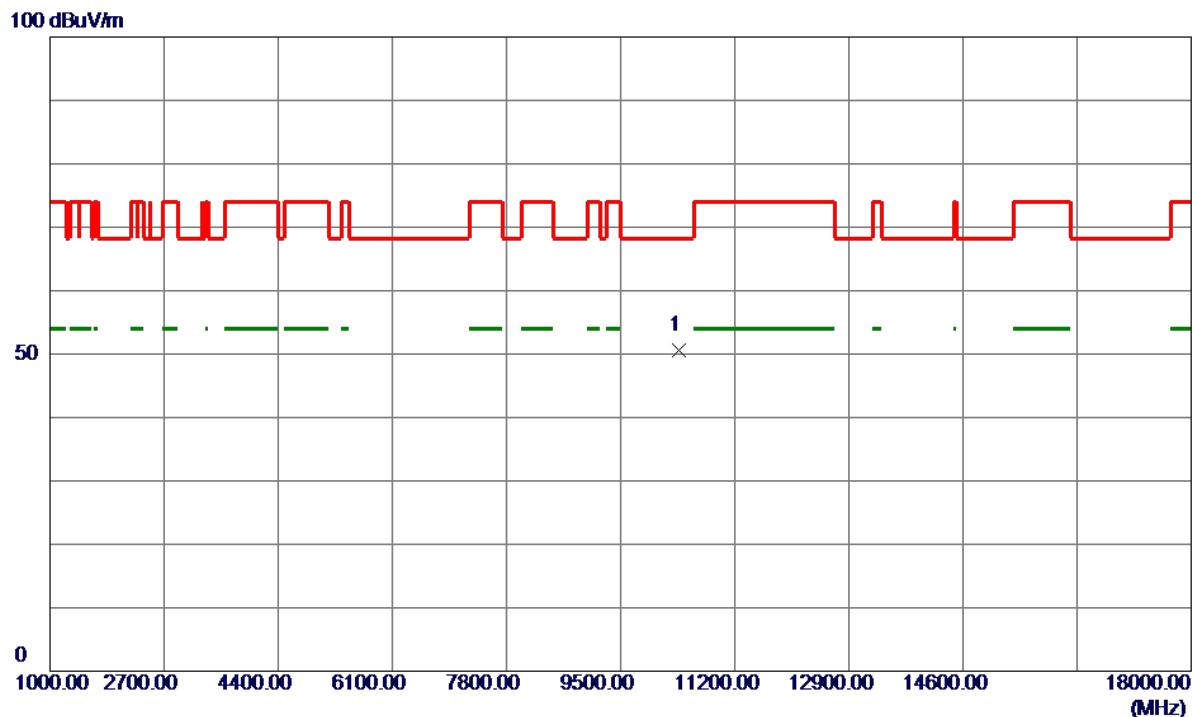
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	47.36	15.83	63.19	74.00	-10.81	Peak	
2	5150.0000	38.08	15.83	53.91	54.00	-0.09	AVG	
3 *	5180.6000	106.80	15.91	122.71	68.20	54.51	Peak	No Limit
4	5180.8000	98.20	15.91	114.11	999.00	-884.89	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5180 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



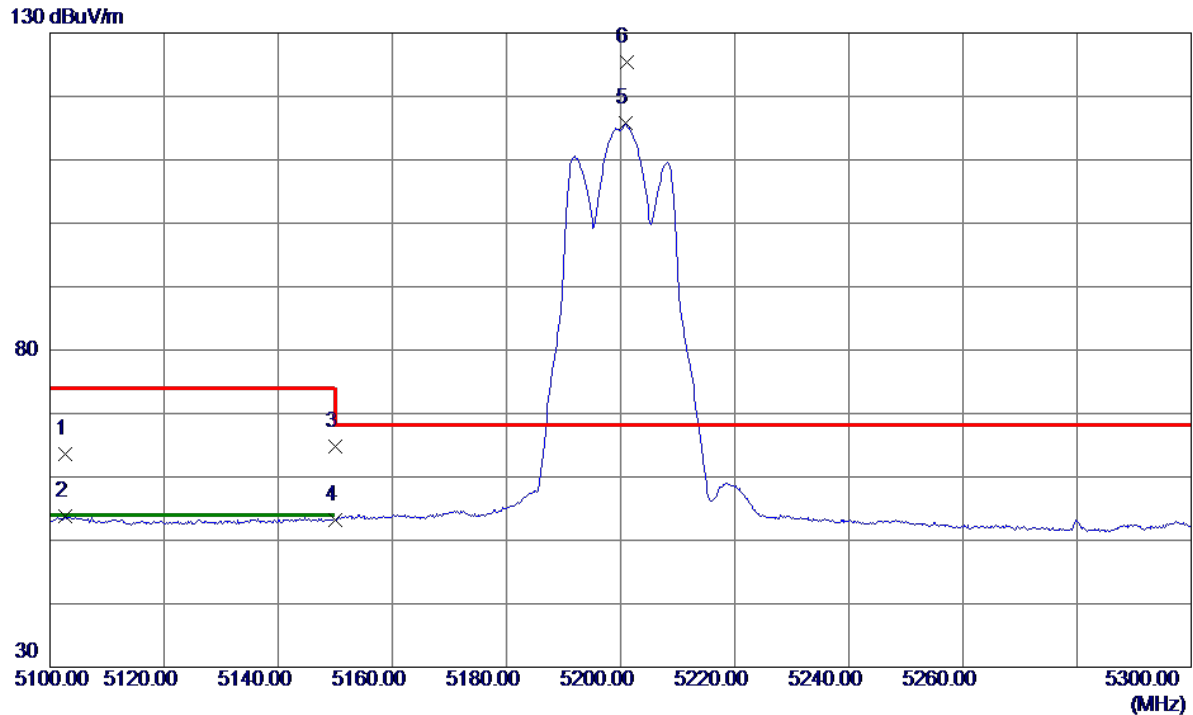
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10360.3000	39.97	10.72	50.69	68.20	-17.51	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



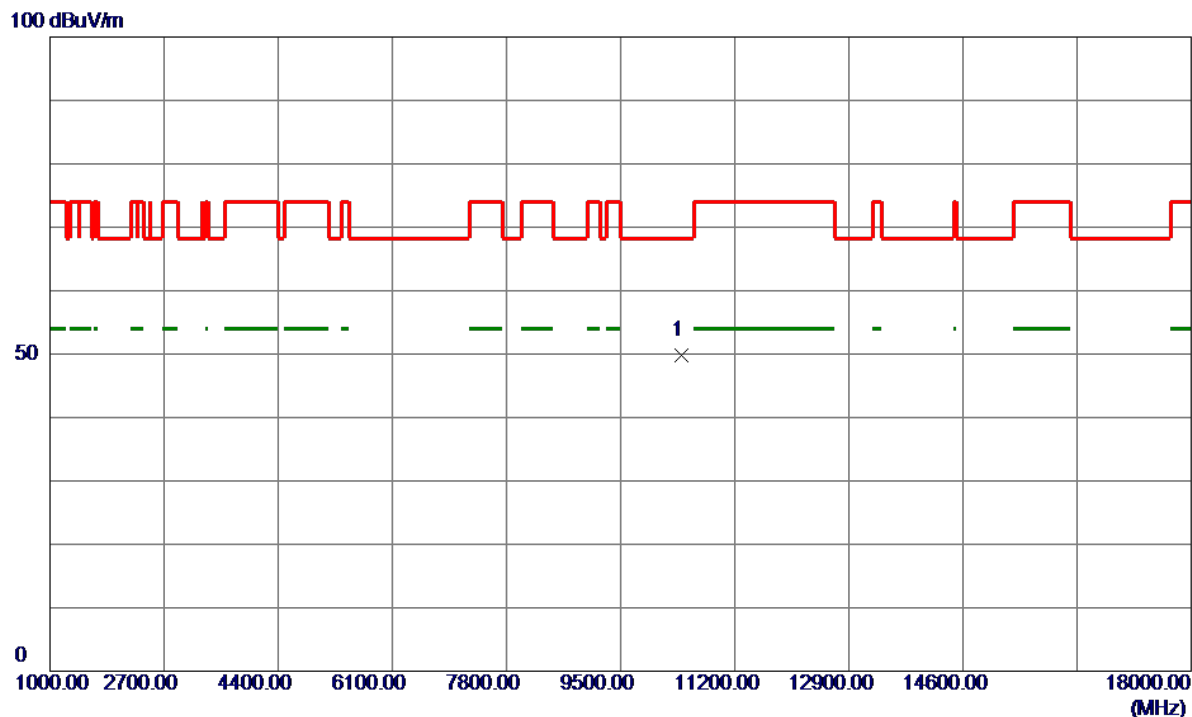
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5102.6000	47.87	15.71	63.58	74.00	-10.42	Peak	
2	5102.6000	38.01	15.71	53.72	54.00	-0.28	AVG	
3	5150.0000	49.06	15.83	64.89	74.00	-9.11	Peak	
4	5150.0000	37.37	15.83	53.20	54.00	-0.80	AVG	
5	5200.8000	99.77	15.96	115.73	999.00	-883.27	AVG	No Limit
6 *	5201.0000	109.45	15.96	125.41	68.20	57.21	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5200 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------

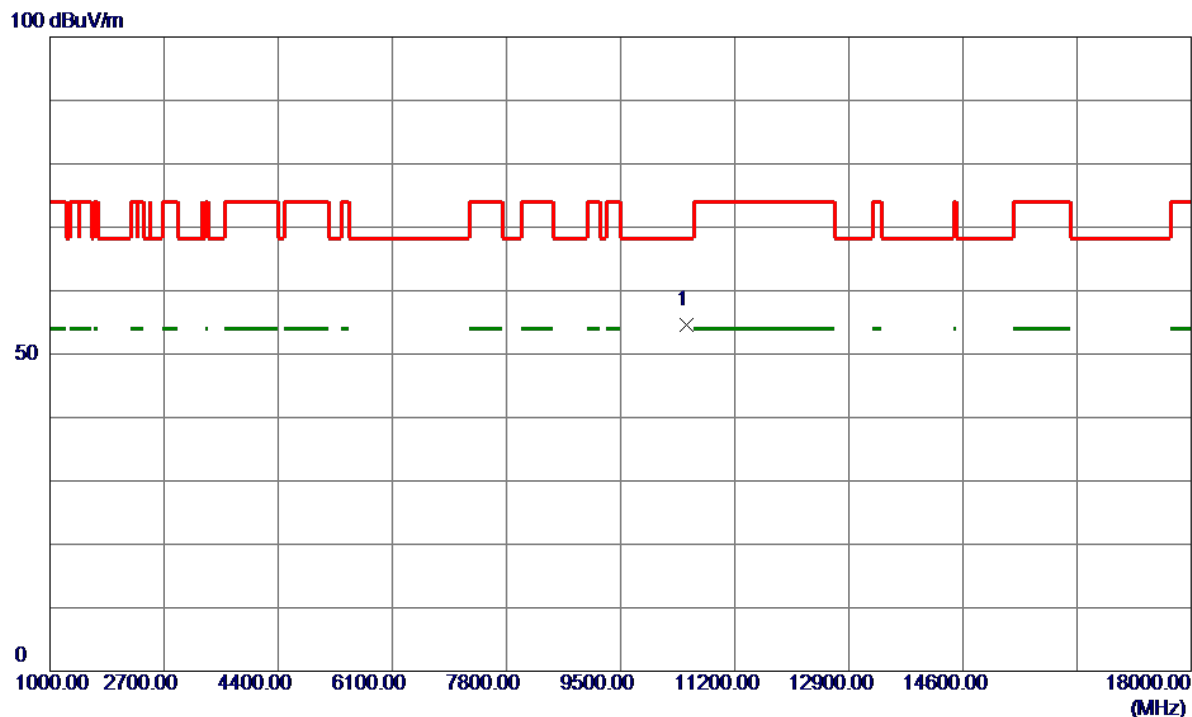


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin	Detector	Comment
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB		
1 *	10397.6000	39.02	10.77	49.79	68.20	-18.41	Peak	

REMARKS:

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

Test Mode	UNII-1_TX AC(VHT20) Mode 5240 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



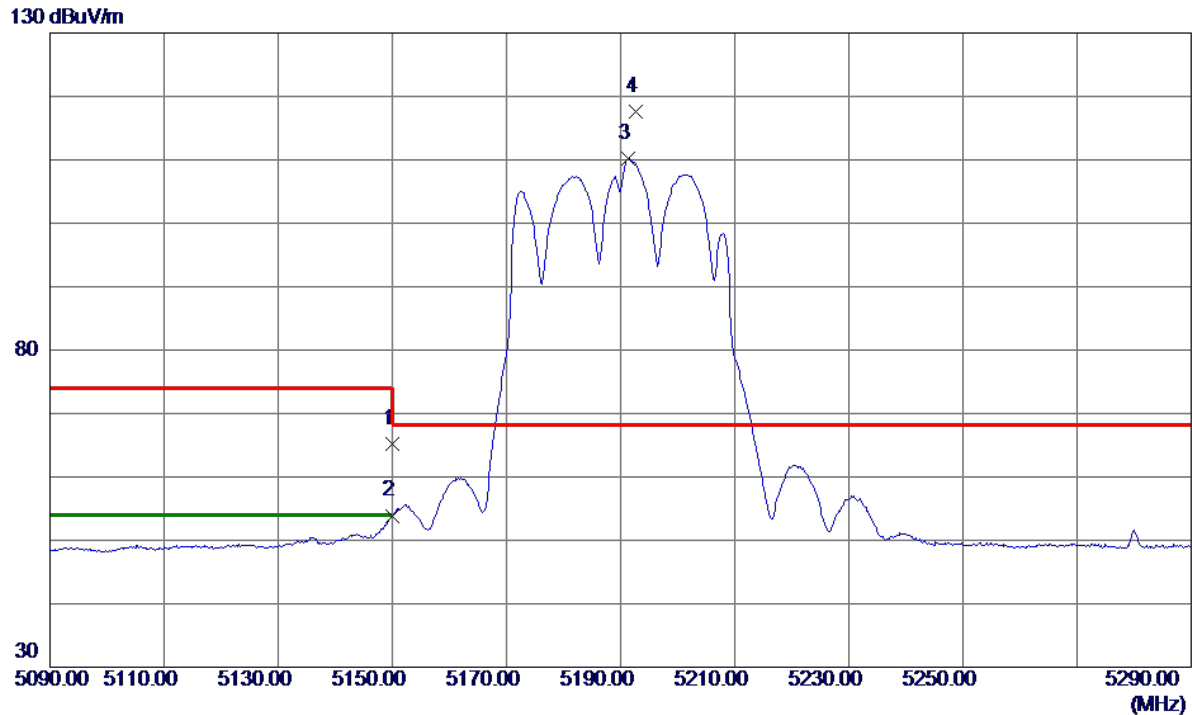
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10480.5000	43.79	10.88	54.67	68.20	-13.53	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



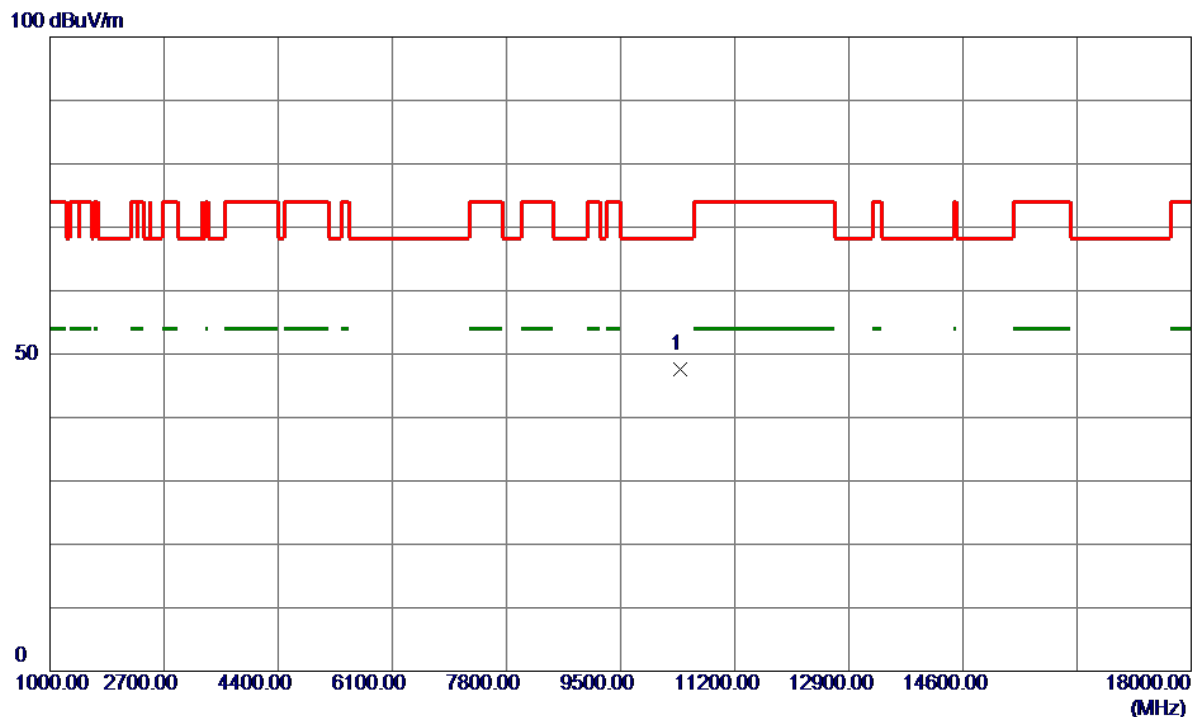
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	49.32	15.83	65.15	74.00	-8.85	Peak	
2	5150.0000	38.07	15.83	53.90	54.00	-0.10	AVG	
3	5191.4000	94.25	15.94	110.19	999.00	-888.81	AVG	No Limit
4 *	5192.6000	101.72	15.94	117.66	68.20	49.46	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT40) Mode 5190 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



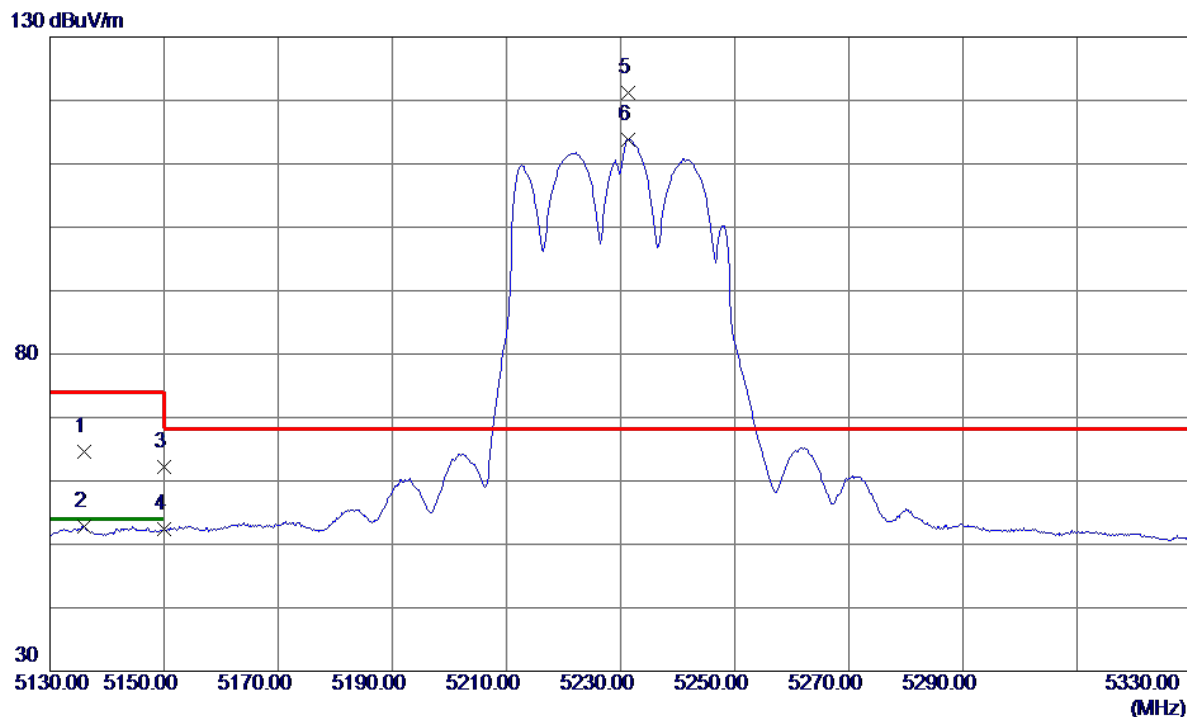
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10380.3000	36.91	10.74	47.65	68.20	-20.55	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



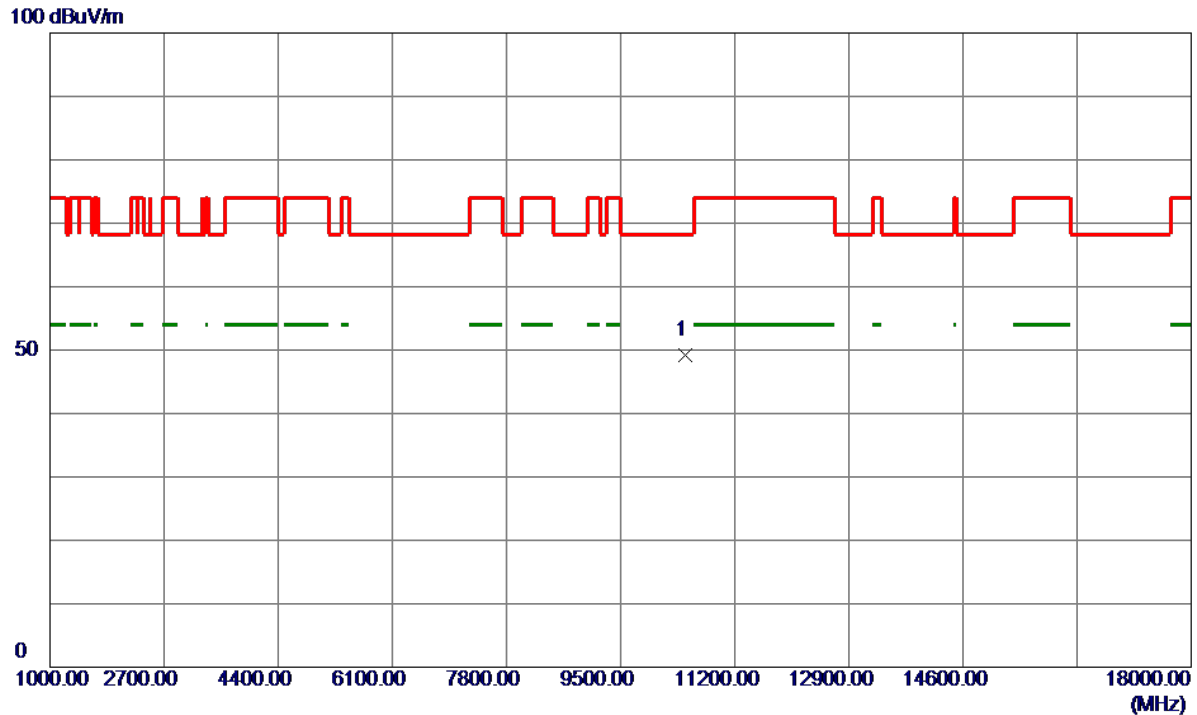
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5136.0000	48.84	15.79	64.63	74.00	-9.37	Peak	
2	5136.0000	37.06	15.79	52.85	54.00	-1.15	AVG	
3	5150.0000	46.40	15.83	62.23	74.00	-11.77	Peak	
4	5150.0000	36.56	15.83	52.39	54.00	-1.61	AVG	
5 *	5231.4000	105.25	16.04	121.29	68.20	53.09	Peak	No Limit
6	5231.4000	97.78	16.04	113.82	999.00	-885.18	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT40) Mode 5230 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



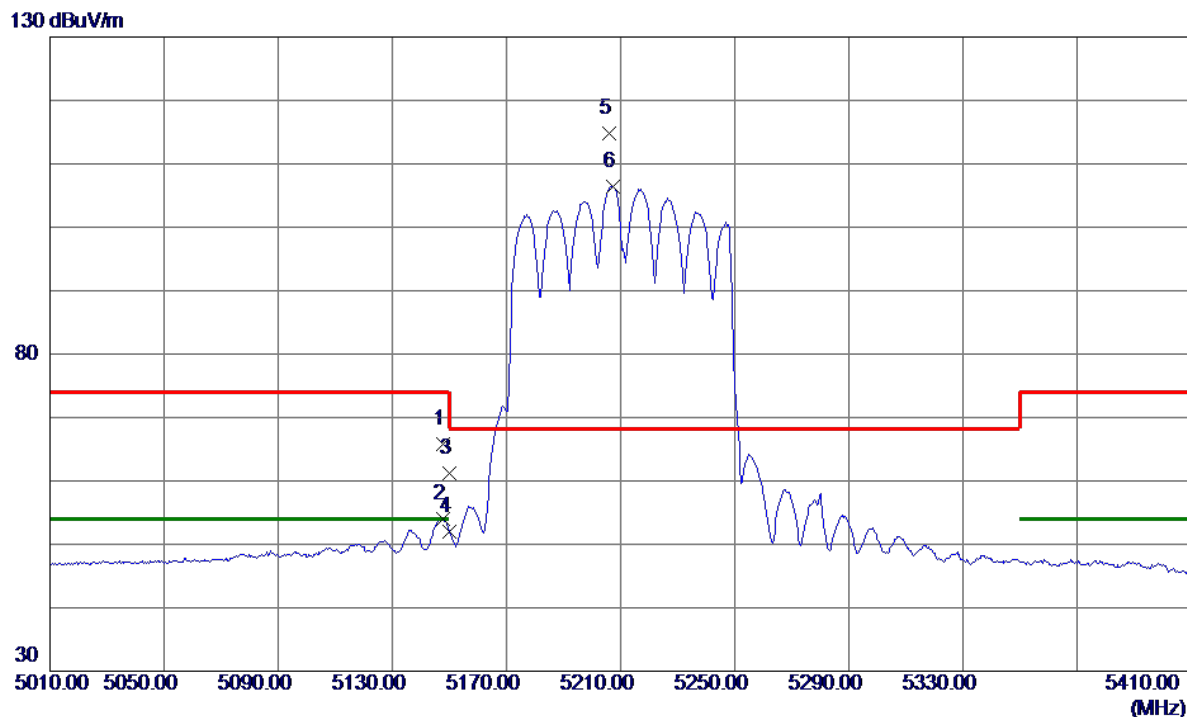
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10460.0000	38.29	10.85	49.14	68.20	-19.06	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



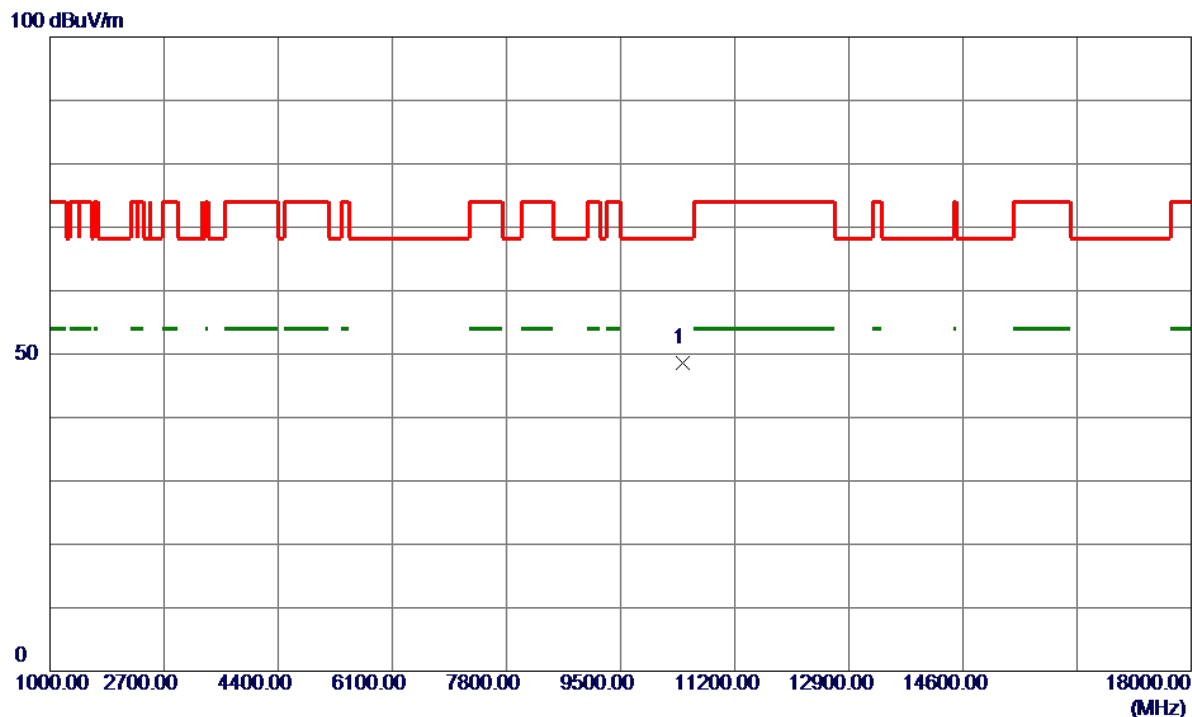
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5147.6000	49.86	15.88	65.74	74.00	-8.26	Peak	
2	5147.6000	38.06	15.88	53.94	54.00	-0.06	AVG	
3	5150.0000	45.37	15.88	61.25	74.00	-12.75	Peak	
4	5150.0000	36.20	15.88	52.08	54.00	-1.92	AVG	
5 *	5206.0000	98.97	15.91	114.88	68.20	46.68	Peak	No Limit
6	5207.2000	90.51	15.91	106.42	999.00	-892.58	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AC(VHT80) Mode 5210 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



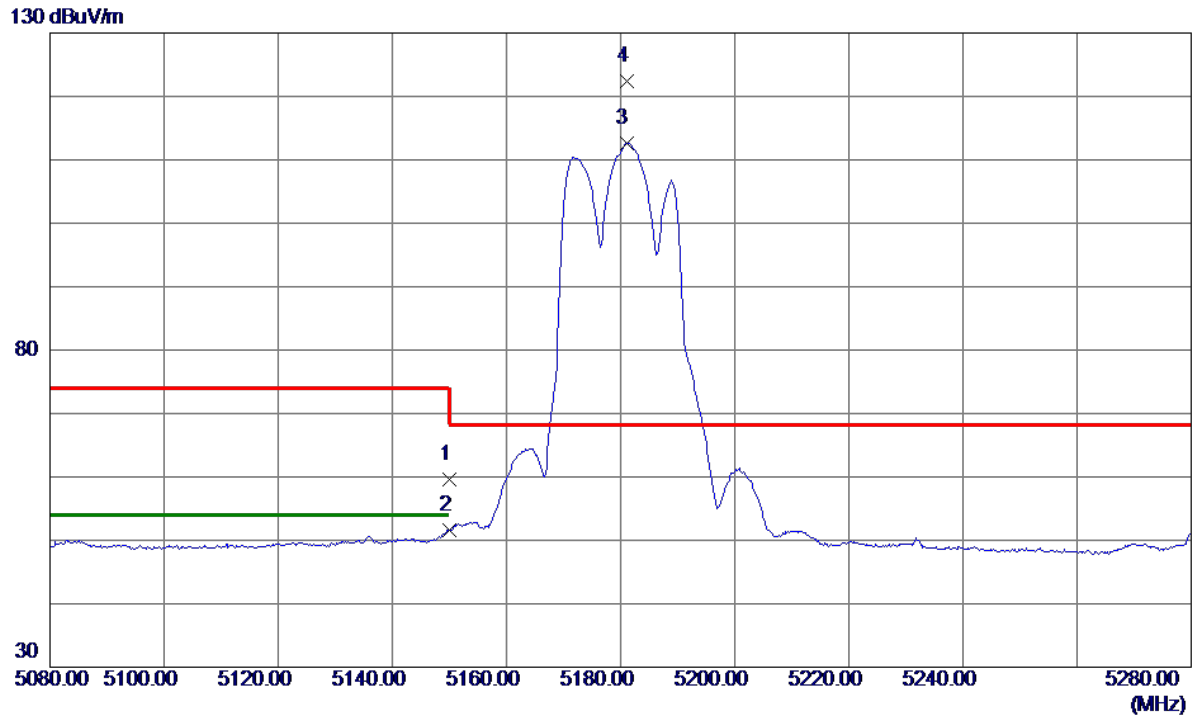
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.3000	37.80	10.80	48.60	68.20	-19.60	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



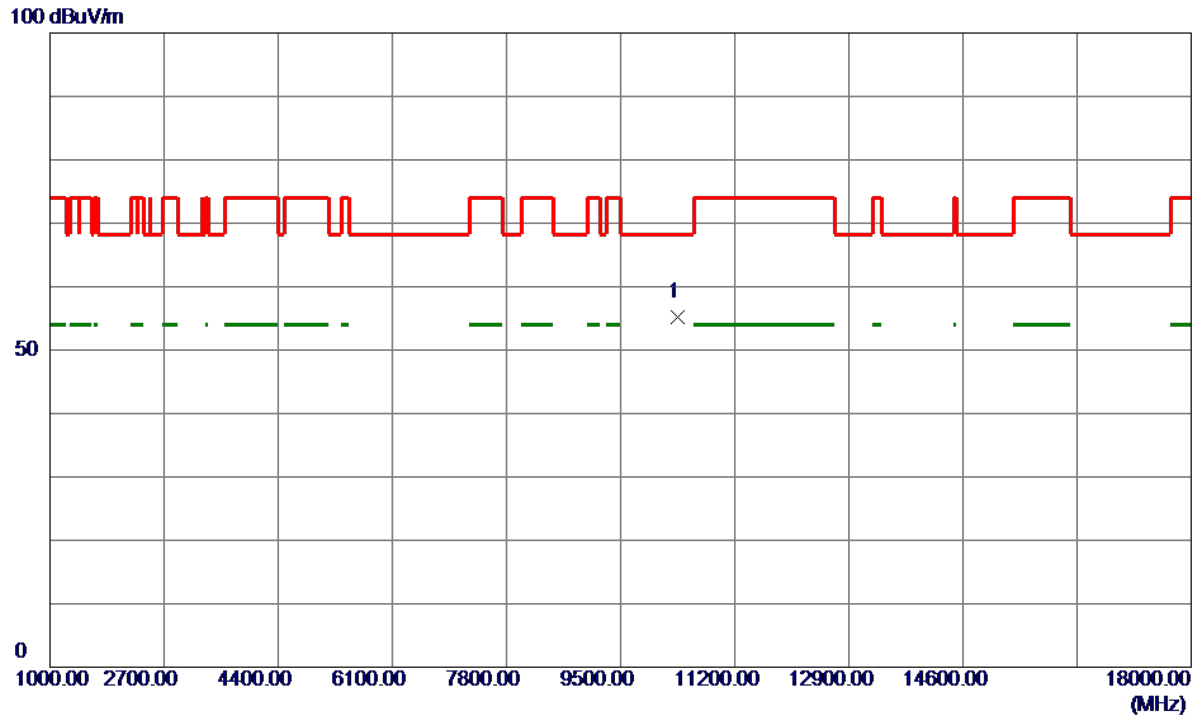
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	43.67	15.88	59.55	74.00	-14.45	Peak	
2	5150.0000	35.69	15.88	51.57	54.00	-2.43	AVG	
3	5181.0000	96.77	15.90	112.67	999.00	-886.33	AVG	No Limit
4 *	5181.2000	106.50	15.90	122.40	68.20	54.20	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE20) Mode 5180 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



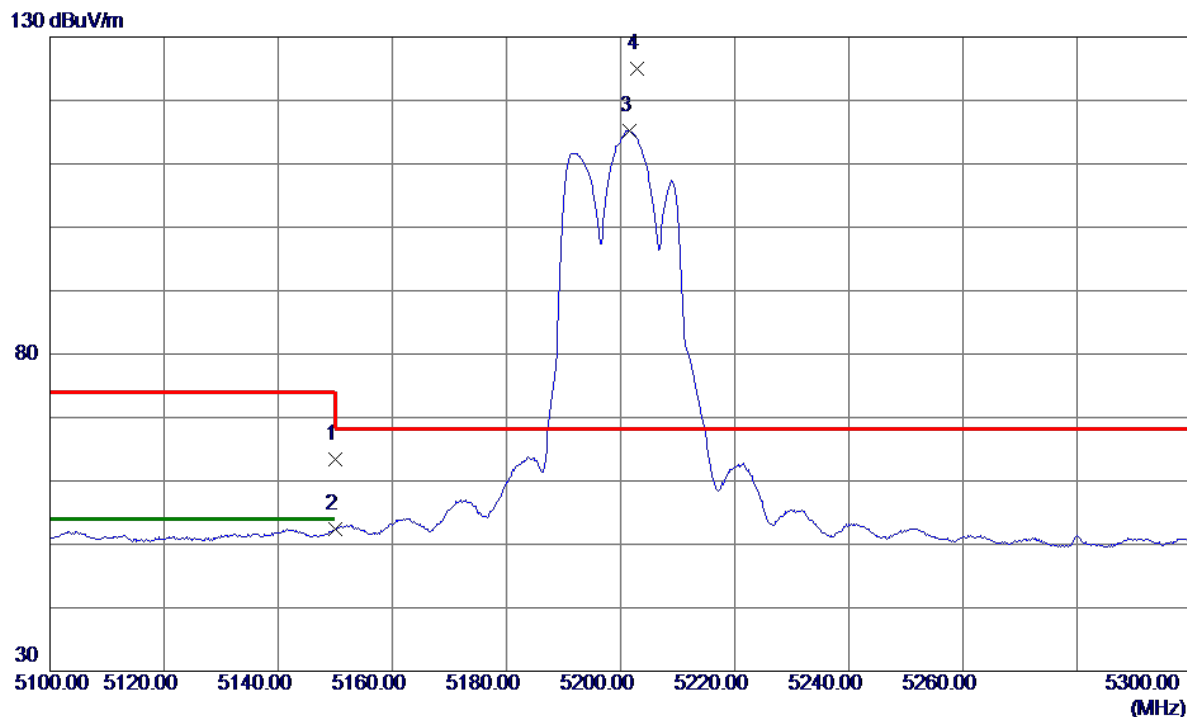
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10357.1000	44.54	10.71	55.25	68.20	-12.95	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



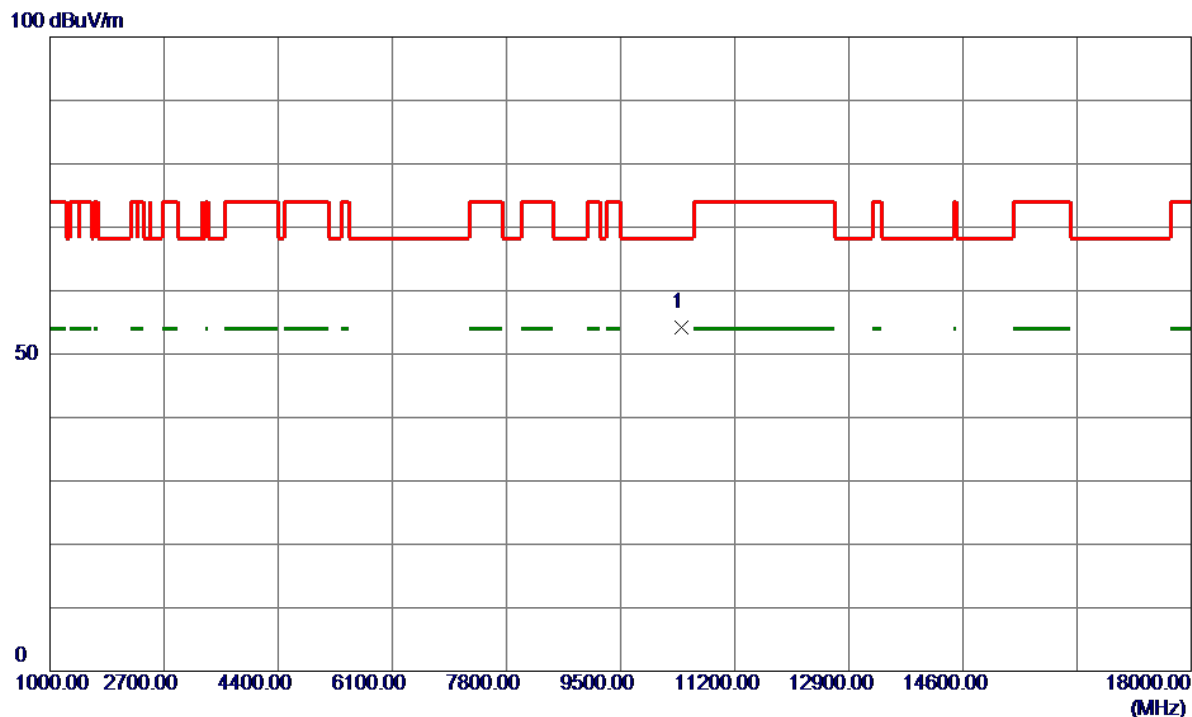
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	47.56	15.88	63.44	74.00	-10.56	Peak	
2	5150.0000	36.54	15.88	52.42	54.00	-1.58	AVG	
3	5201.6000	99.30	15.90	115.20	999.00	-883.80	AVG	No Limit
4 *	5202.8000	109.00	15.91	124.91	68.20	56.71	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE20) Mode 5200 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



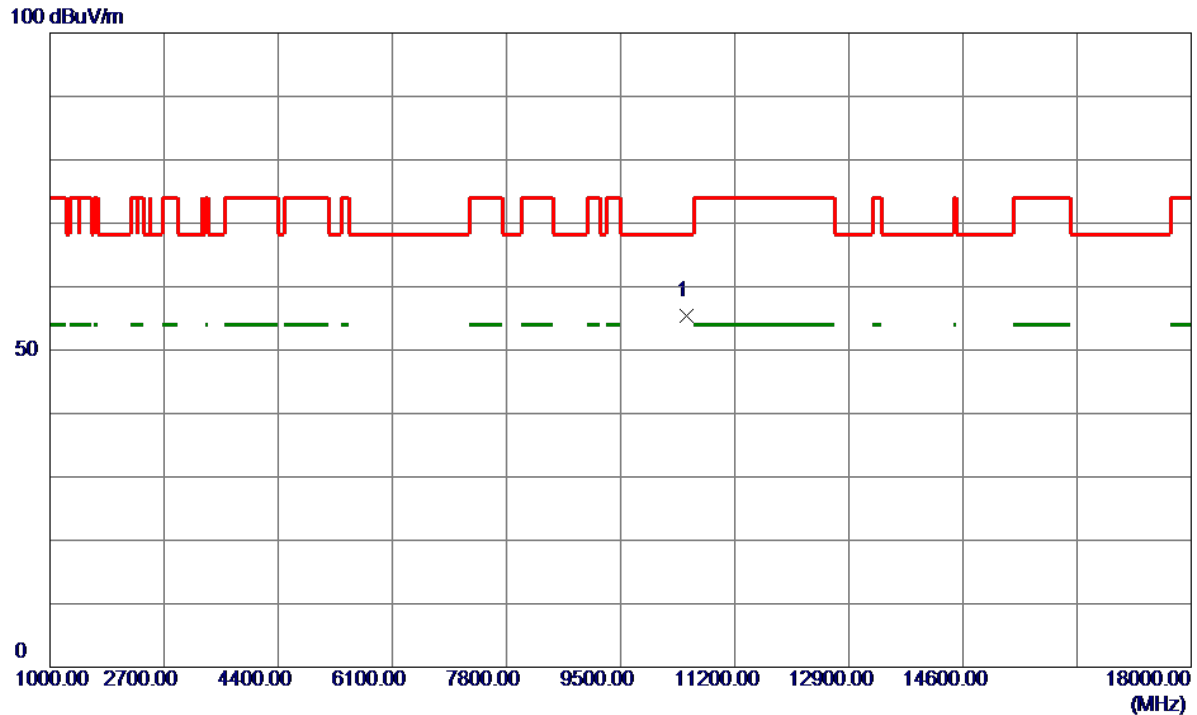
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10397.5000	43.34	10.77	54.11	68.20	-14.09	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE20) Mode 5240 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



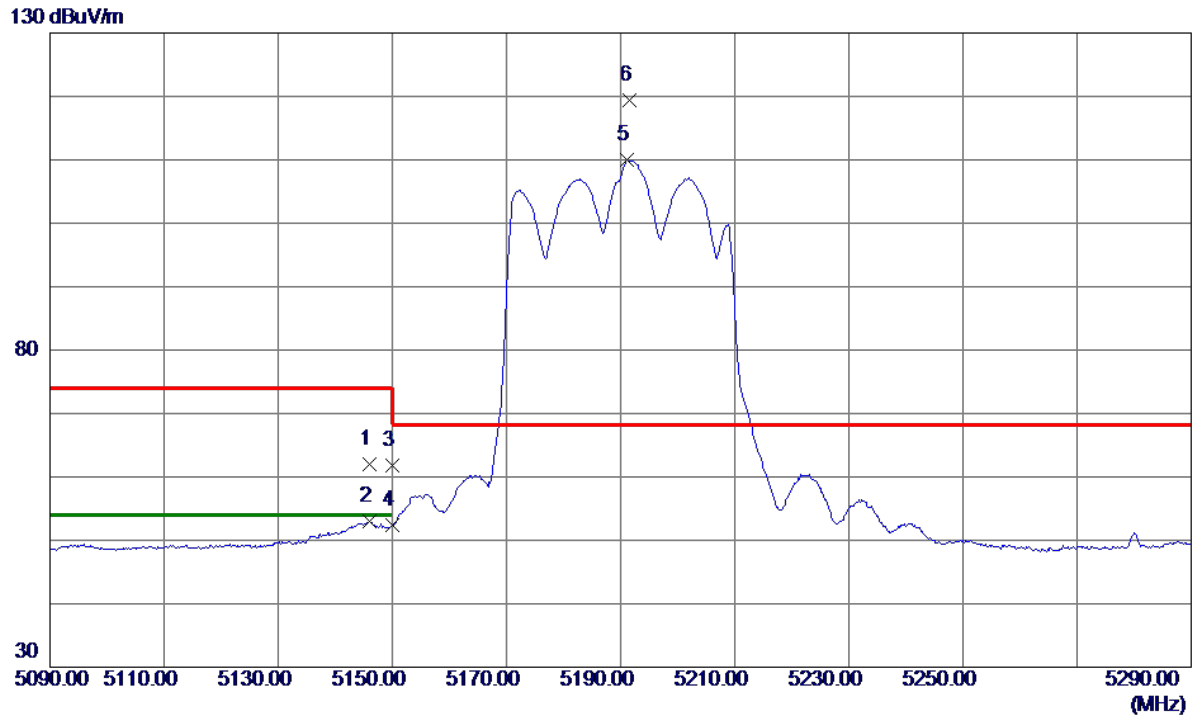
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10479.4000	44.53	10.88	55.41	68.20	-12.79	Peak	

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



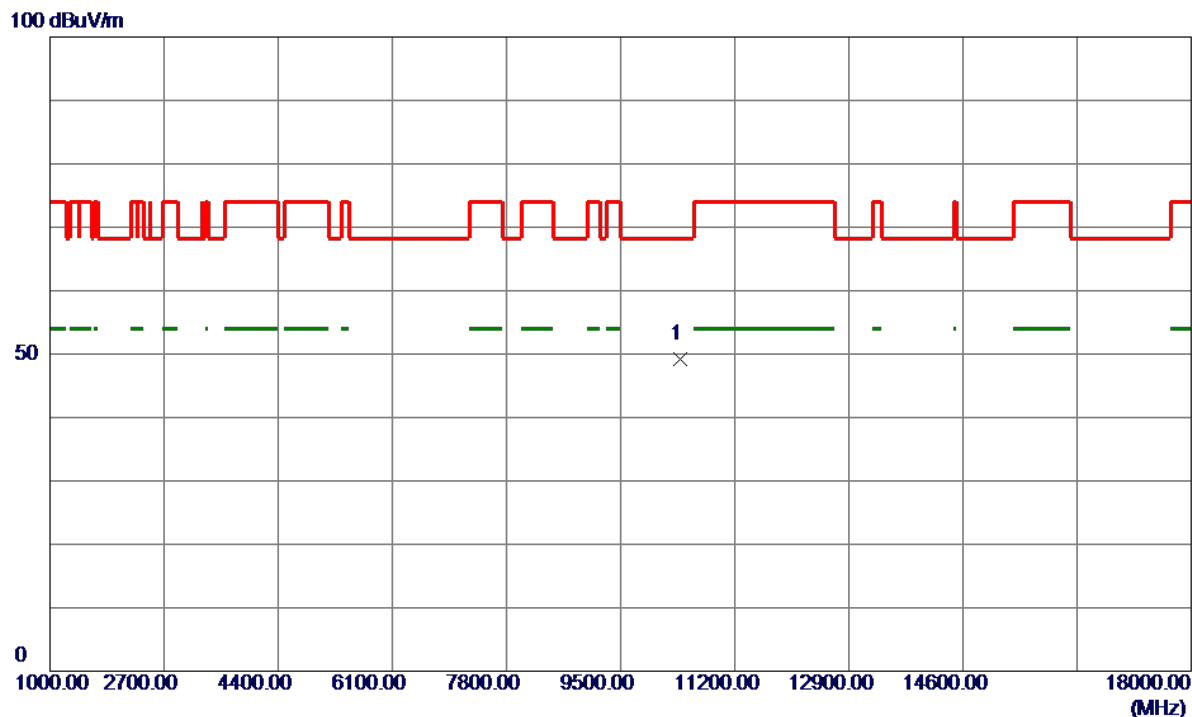
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5146.0000	46.19	15.88	62.07	74.00	-11.93	Peak	
2	5146.0000	37.08	15.88	52.96	54.00	-1.04	AVG	
3	5150.0000	46.00	15.88	61.88	74.00	-12.12	Peak	
4	5150.0000	36.51	15.88	52.39	54.00	-1.61	AVG	
5	5191.2000	94.00	15.90	109.90	999.00	-889.10	AVG	No Limit
6 *	5191.6000	103.44	15.90	119.34	68.20	51.14	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE40) Mode 5190 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------

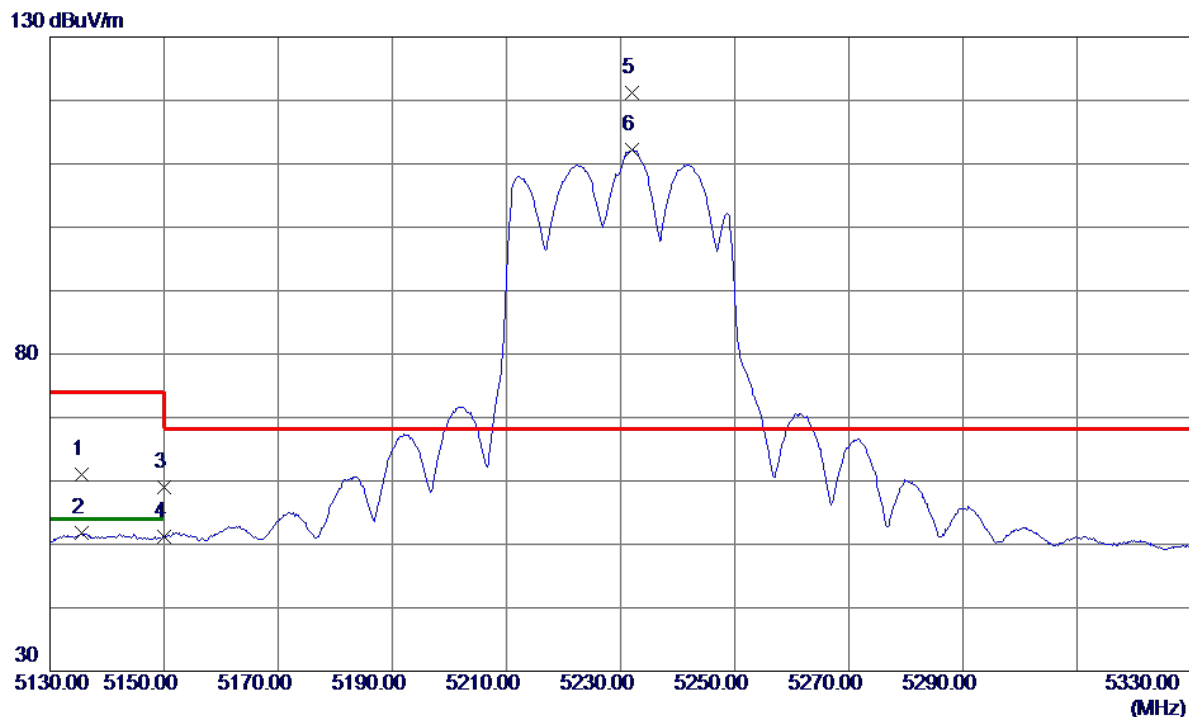


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10379.7900	38.52	10.74	49.26	68.20	-18.94	Peak	

REMARKS:

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

Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



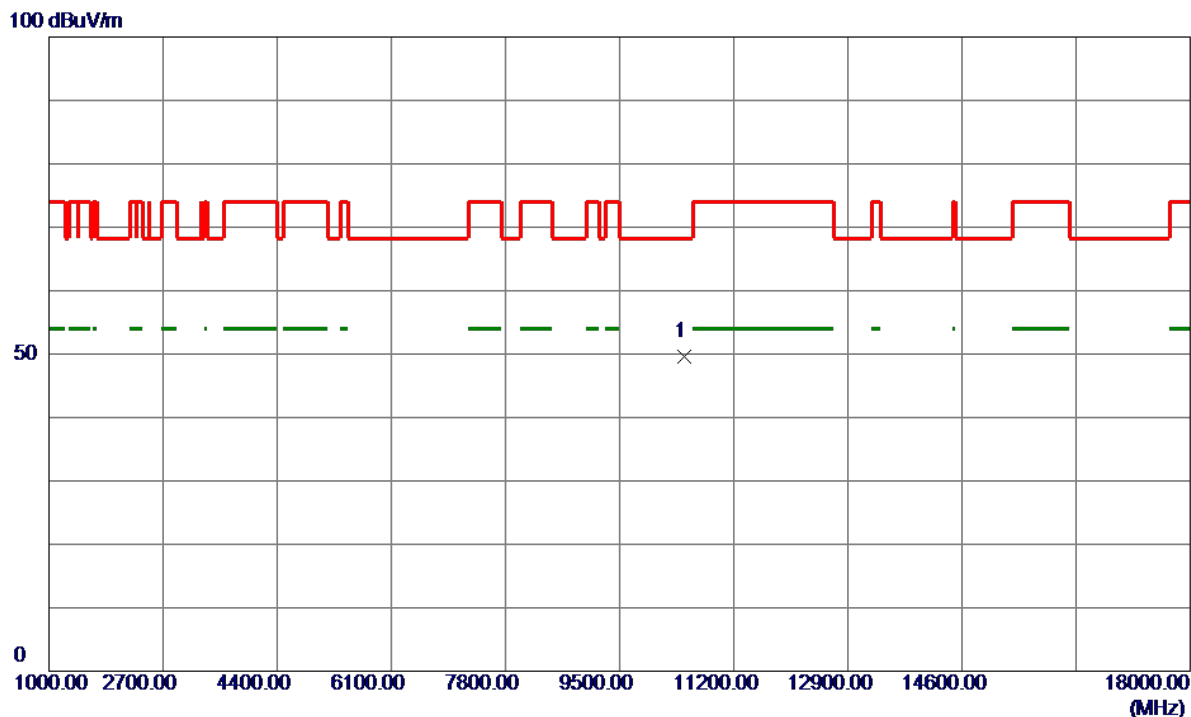
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5135.6000	45.09	15.88	60.97	74.00	-13.03	Peak	
2	5135.6000	35.88	15.88	51.76	54.00	-2.24	AVG	
3	5150.0000	43.17	15.88	59.05	74.00	-14.95	Peak	
4	5150.0000	35.23	15.88	51.11	54.00	-2.89	AVG	
5 *	5232.0000	105.27	15.92	121.19	68.20	52.99	Peak	No Limit
6	5232.0000	96.27	15.92	112.19	999.00	-886.81	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE40) Mode 5230 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------

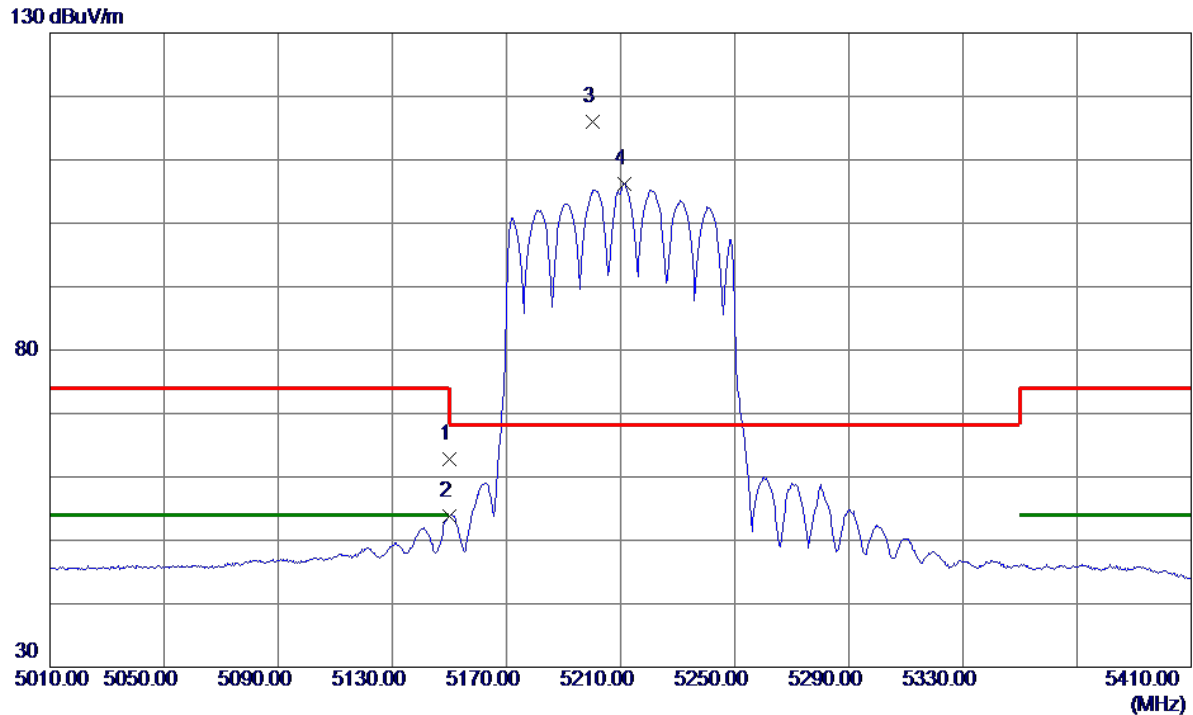


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10459.8500	38.83	10.85	49.68	68.20	-18.52	Peak	

REMARKS:

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

Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------



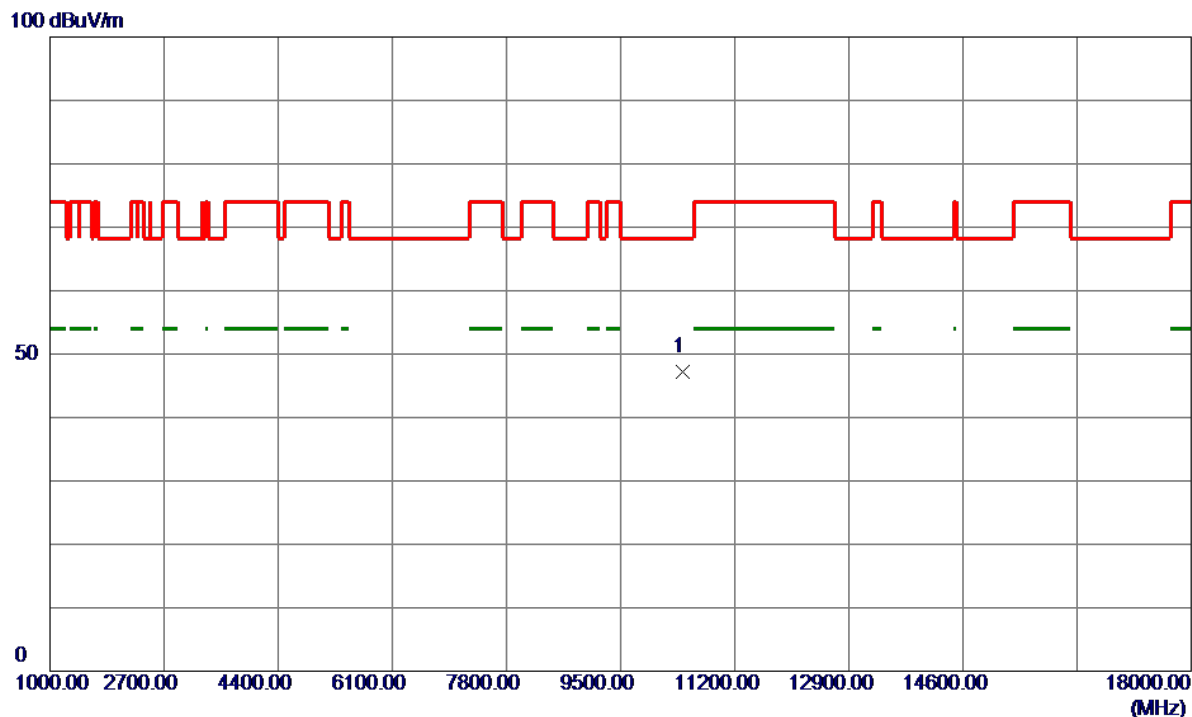
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5150.0000	46.92	15.88	62.80	74.00	-11.20	Peak	
2	5150.0000	37.91	15.88	53.79	54.00	-0.21	AVG	
3 *	5200.4000	100.20	15.90	116.10	68.20	47.90	Peak	No Limit
4	5211.2000	90.32	15.91	106.23	999.00	-892.77	AVG	No Limit

REMARKS:

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

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

Test Mode	UNII-1_TX AX(HE80) Mode 5210 MHz	Polarization	Vertical
-----------	----------------------------------	--------------	----------

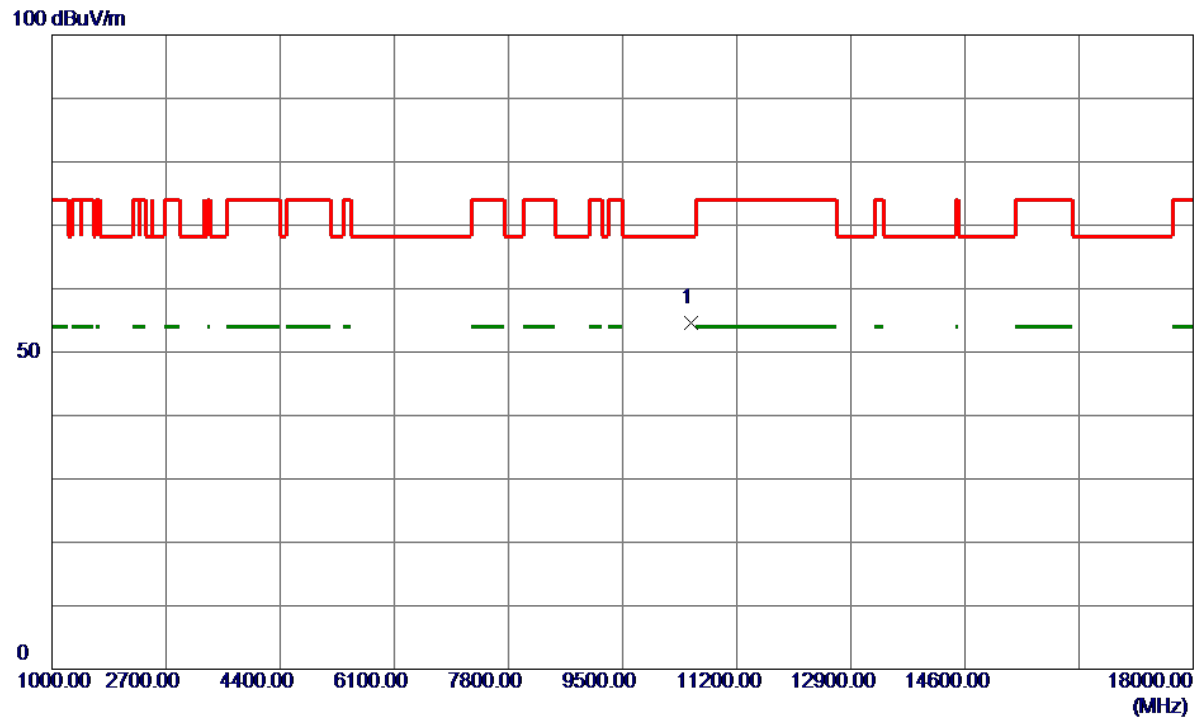


No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10420.3000	36.41	10.80	47.21	68.20	-20.99	Peak	

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
-----------	----------------------------	--------------	----------



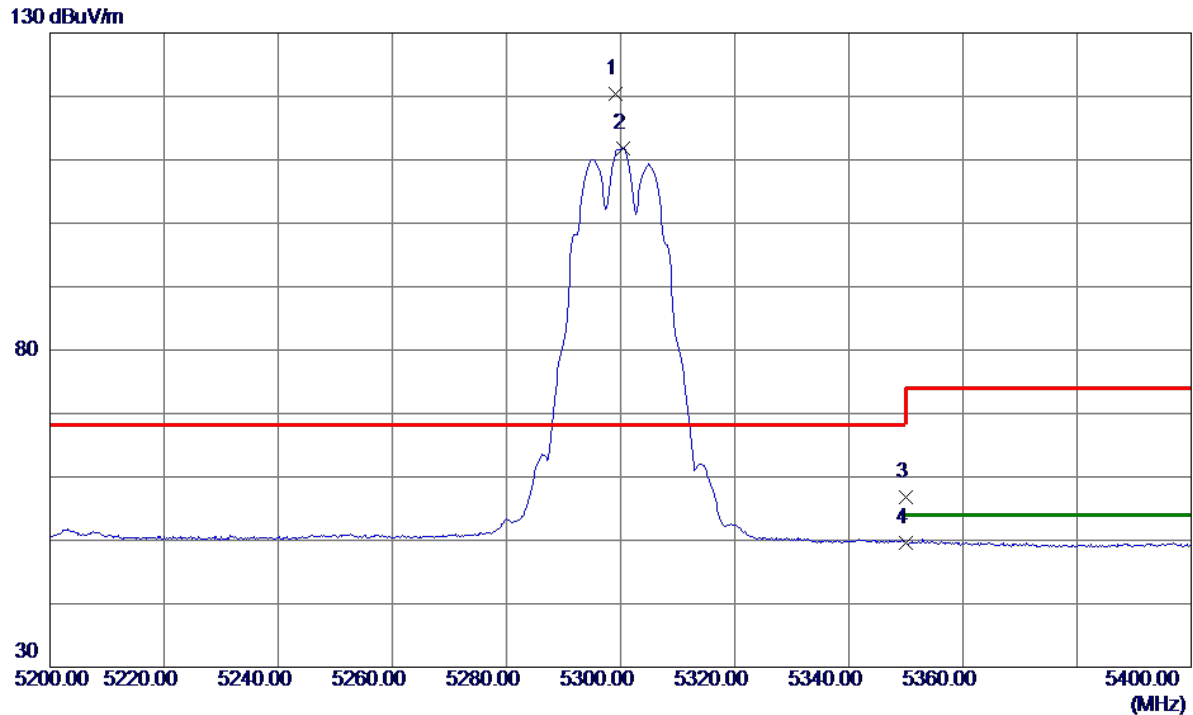
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.2600	43.74	10.95	54.69	68.20	-13.51	Peak	

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
-----------	----------------------------	--------------	----------



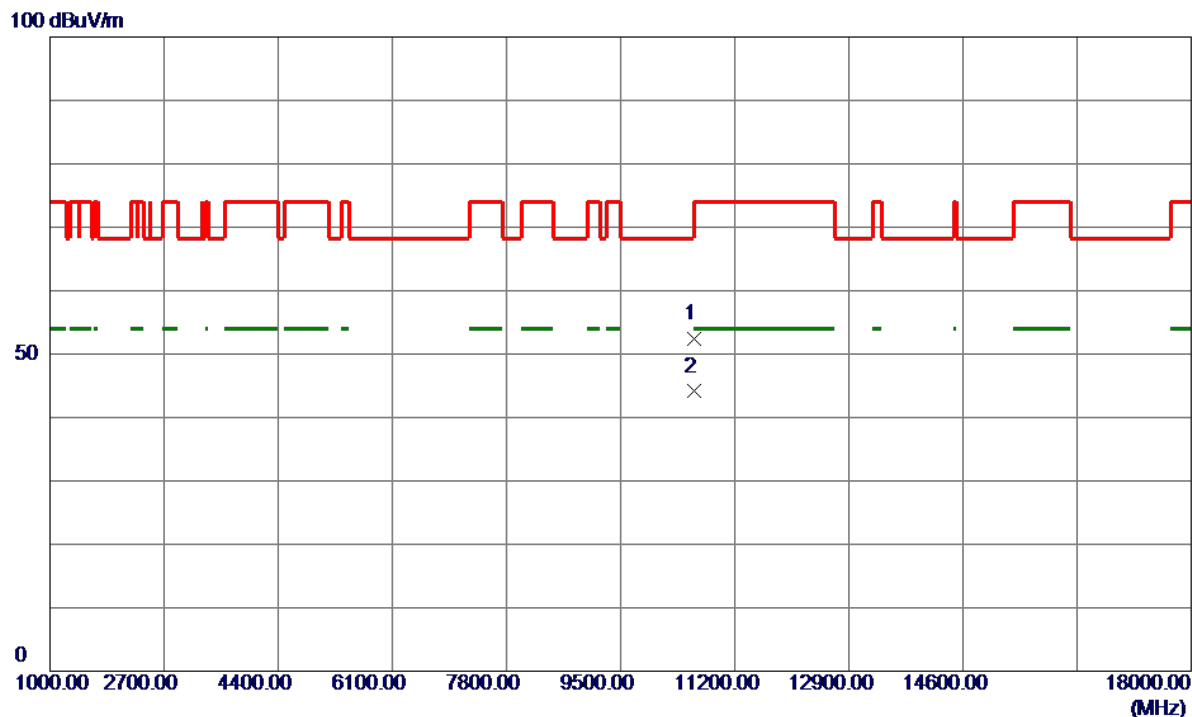
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5299.2000	104.12	16.22	120.34	68.20	52.14	Peak	No Limit
2	5300.4000	95.62	16.22	111.84	999.00	-887.16	AVG	No Limit
3	5350.0000	40.40	16.35	56.75	74.00	-17.25	Peak	
4	5350.0000	33.29	16.35	49.64	54.00	-4.36	AVG	

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
-----------	----------------------------	--------------	----------

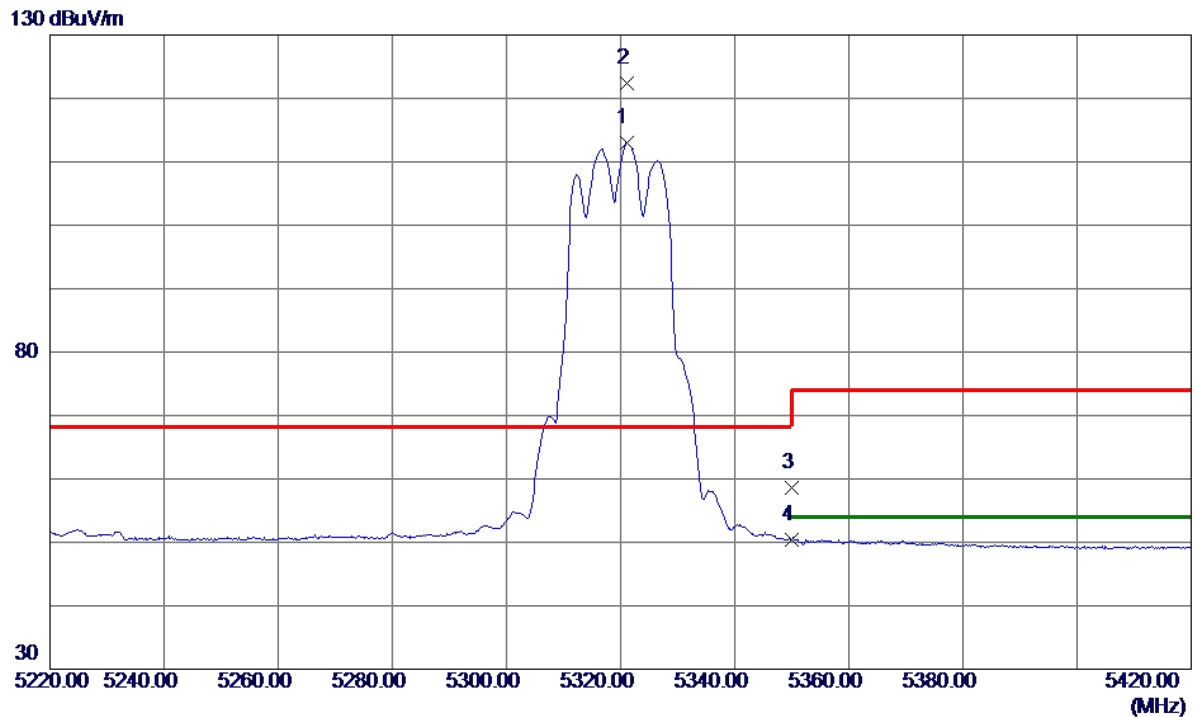


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10600.0599	41.29	11.09	52.38	74.00	-21.62	Peak	
2 *	10601.9600	33.00	11.10	44.10	54.00	-9.90	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



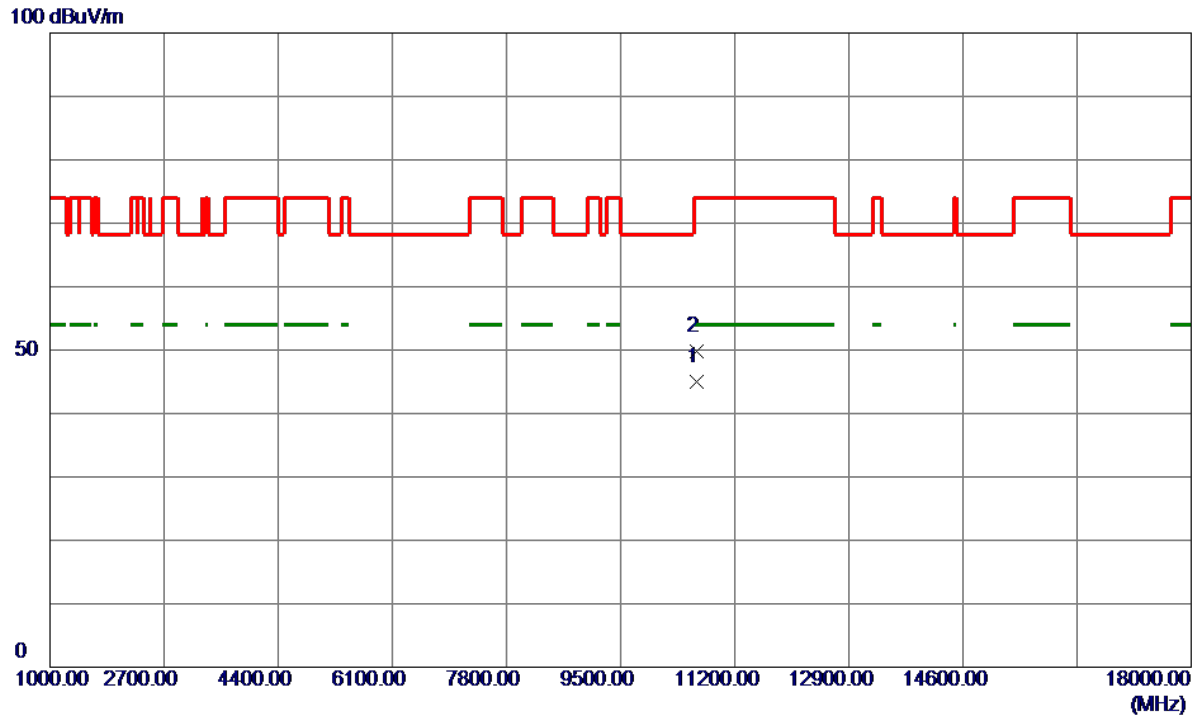
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5321.0000	96.71	16.27	112.98	999.00	-886.02	AVG	No Limit
2 *	5321.2000	106.15	16.28	122.43	68.20	54.23	Peak	No Limit
3	5350.0000	42.22	16.35	58.57	74.00	-15.43	Peak	
4	5350.0000	34.03	16.35	50.38	54.00	-3.62	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX A Mode 5320 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



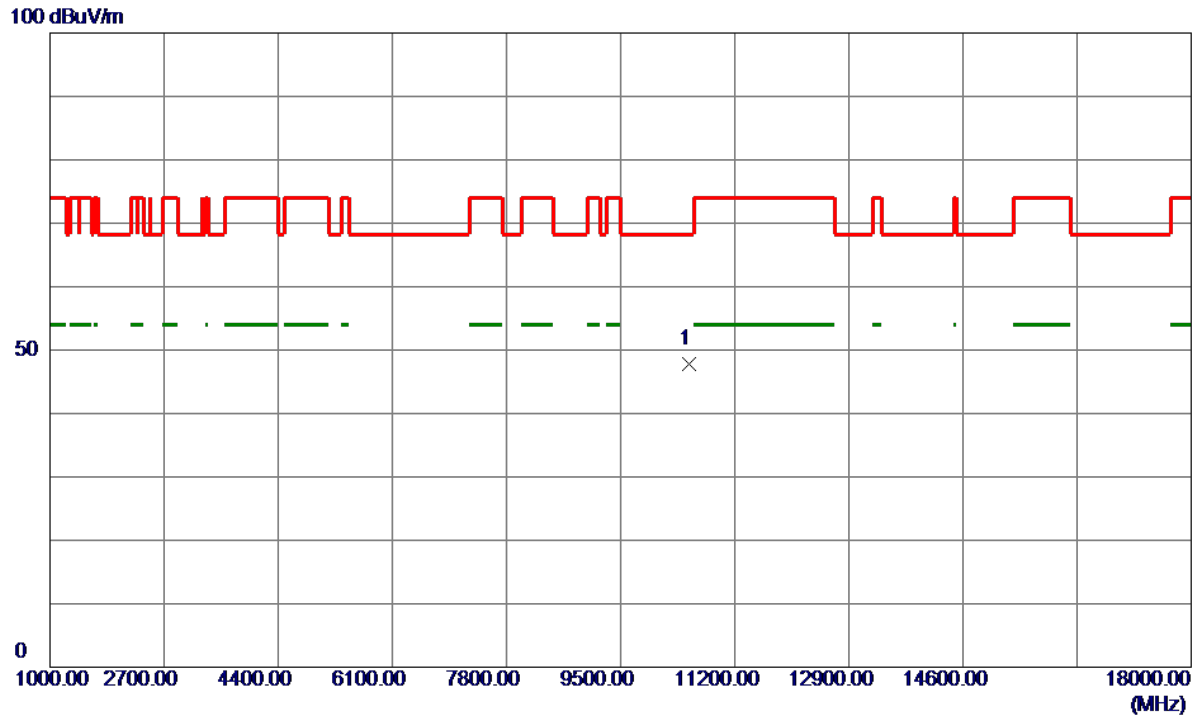
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10639.9200	33.82	11.16	44.98	54.00	-9.02	AVG	
2	10640.0800	38.68	11.16	49.84	74.00	-24.16	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5260 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



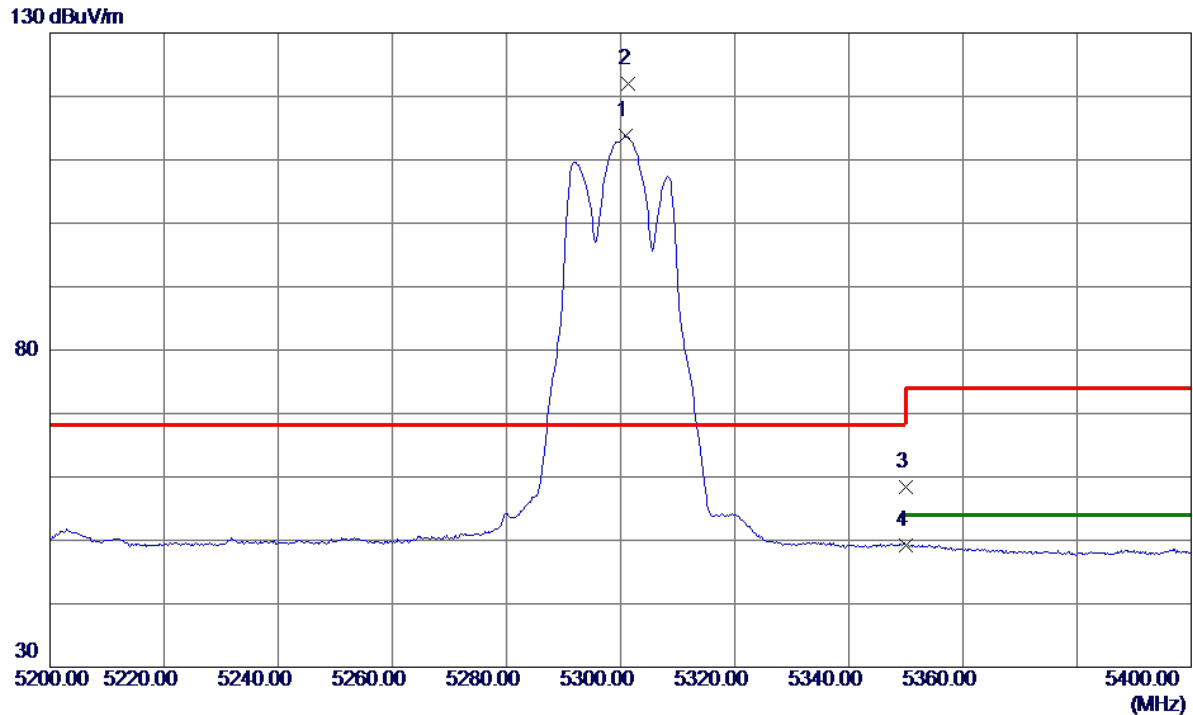
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10514.0000	36.94	10.94	47.88	68.20	-20.32	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



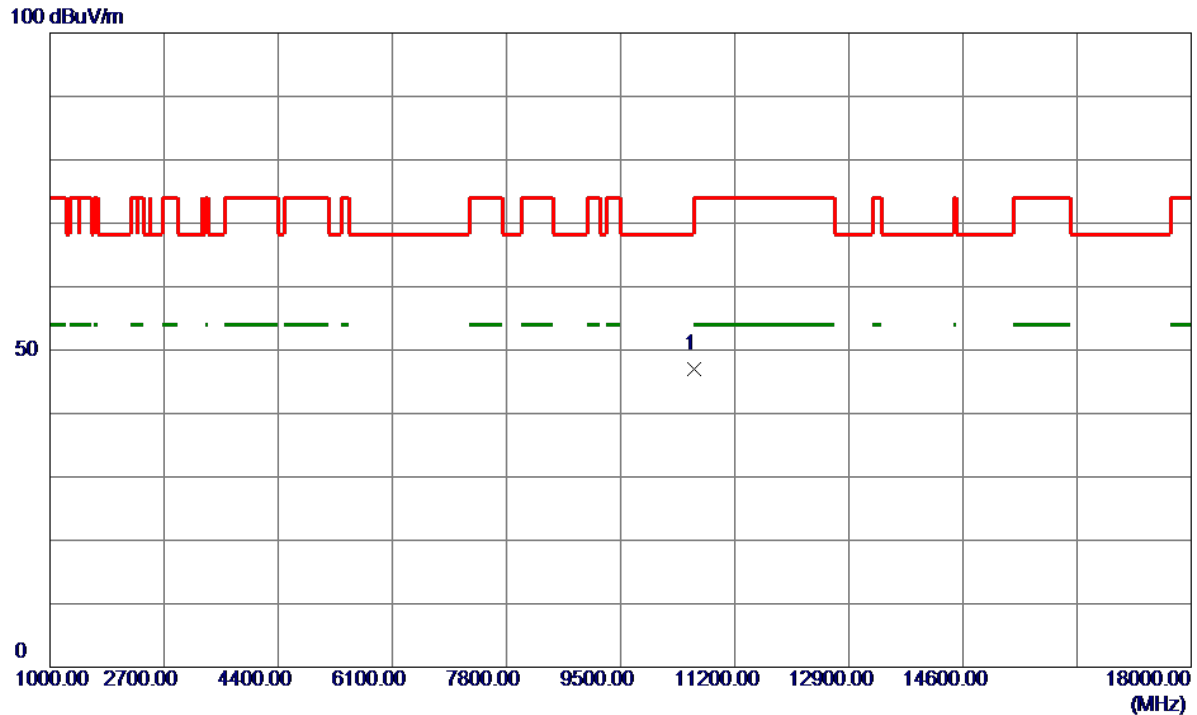
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5300.8000	97.56	16.22	113.78	999.00	-885.22	AVG	No Limit
2 *	5301.4000	105.80	16.22	122.02	68.20	53.82	Peak	No Limit
3	5350.0000	42.09	16.35	58.44	74.00	-15.56	Peak	
4	5350.0000	32.92	16.35	49.27	54.00	-4.73	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5300 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



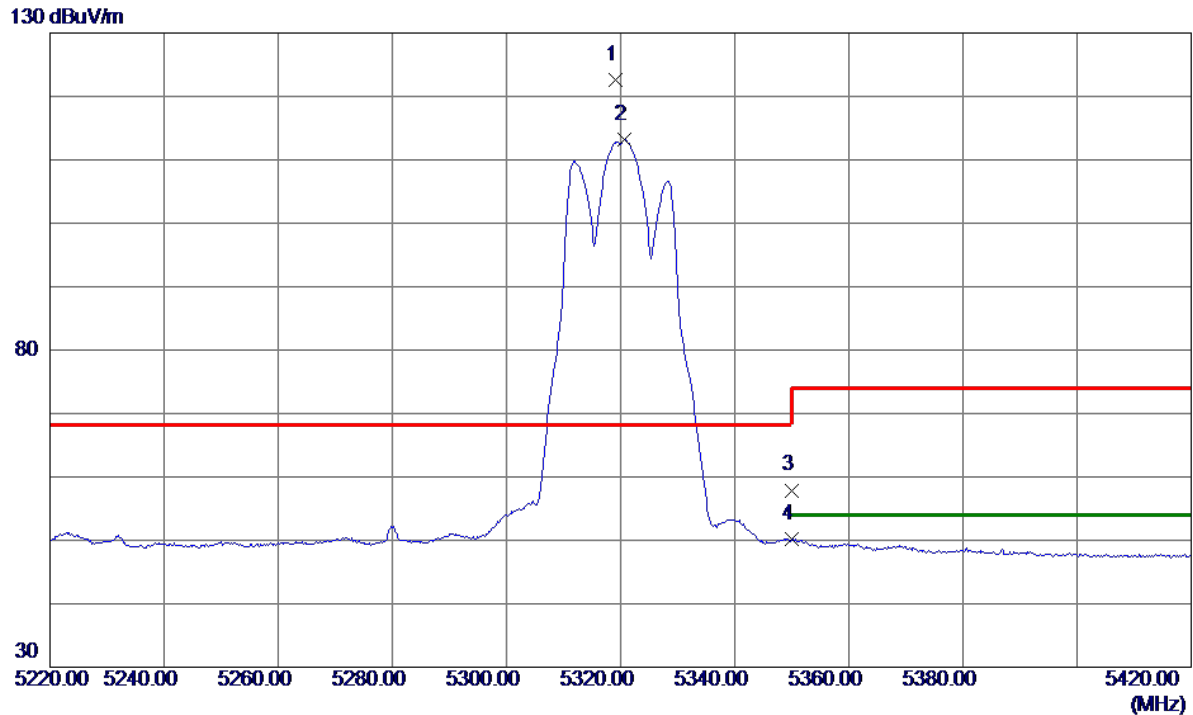
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10592.8000	35.95	11.08	47.03	68.20	-21.17	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



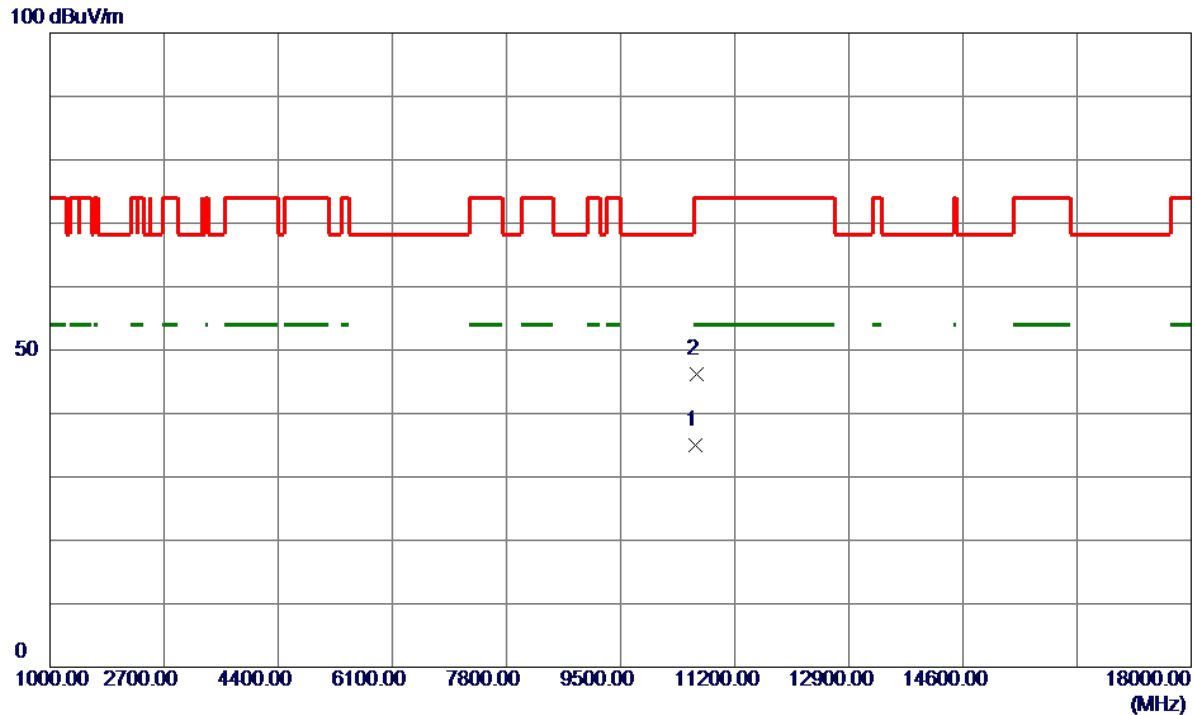
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5319.2000	106.42	16.27	122.69	68.20	54.49	Peak	No Limit
2	5320.6000	96.96	16.27	113.23	999.00	-885.77	AVG	No Limit
3	5350.0000	41.55	16.35	57.90	74.00	-16.10	Peak	
4	5350.0000	33.90	16.35	50.25	54.00	-3.75	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT20) Mode 5320 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10622.5000	23.80	11.13	34.93	54.00	-19.07	AVG	
2	10639.8000	35.02	11.16	46.18	74.00	-27.82	Peak	

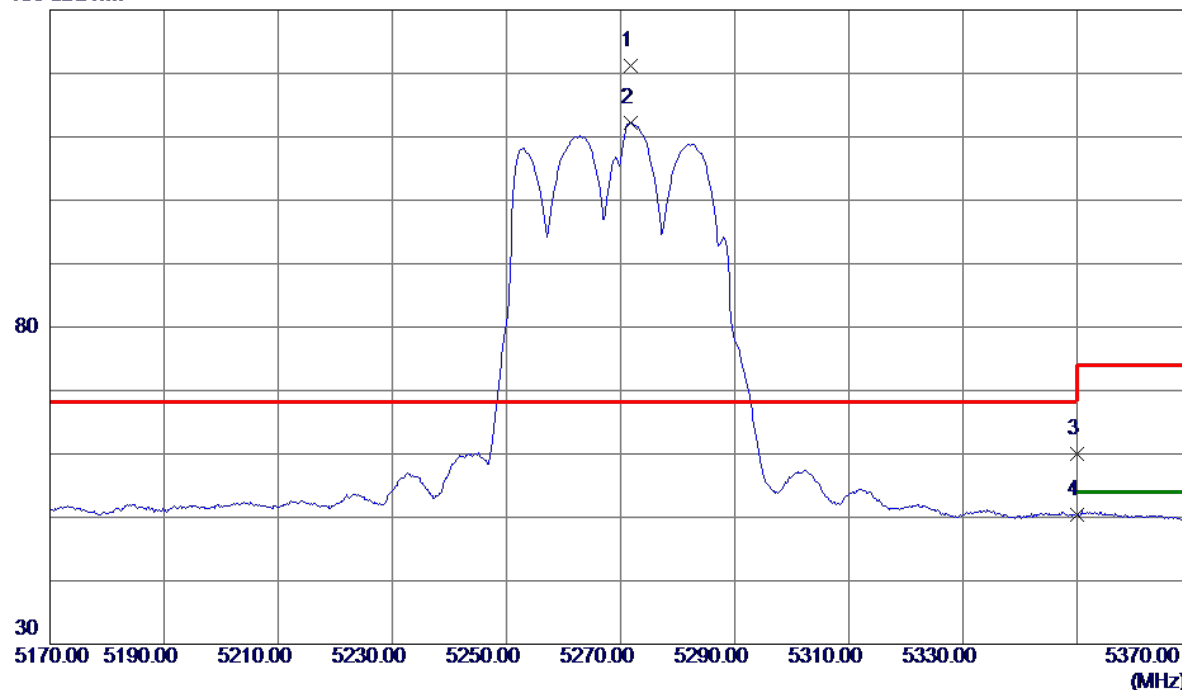
REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------

130 dBuV/m



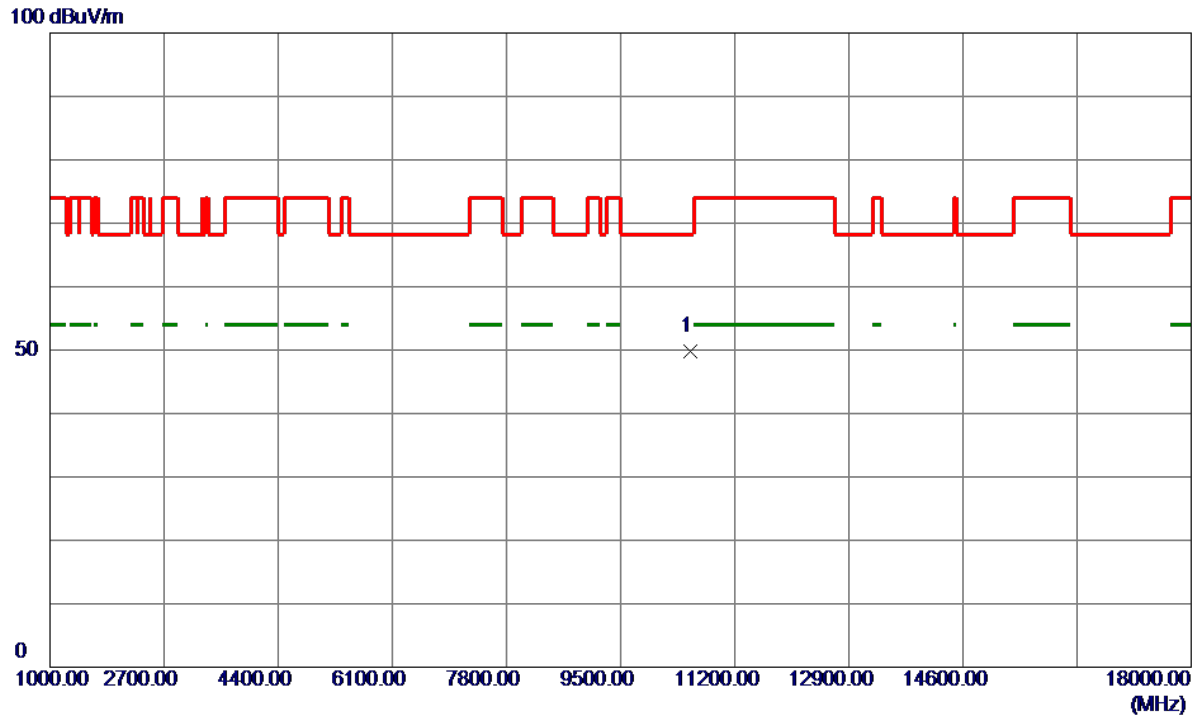
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5271.8000	105.14	16.15	121.29	68.20	53.09	Peak	No Limit
2	5271.8000	96.07	16.15	112.22	999.00	-886.78	AVG	No Limit
3	5350.0000	43.62	16.35	59.97	74.00	-14.03	Peak	
4	5350.0000	34.03	16.35	50.38	54.00	-3.62	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT40) Mode 5270 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



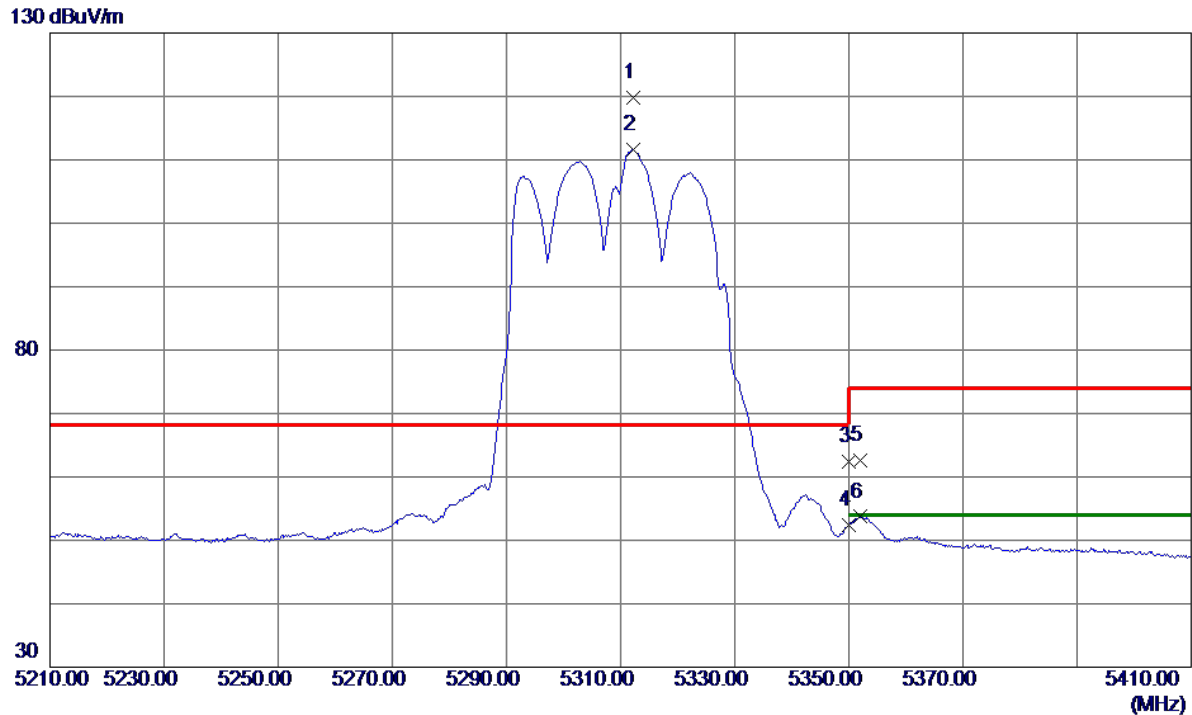
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10540.1500	38.86	10.98	49.84	68.20	-18.36	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



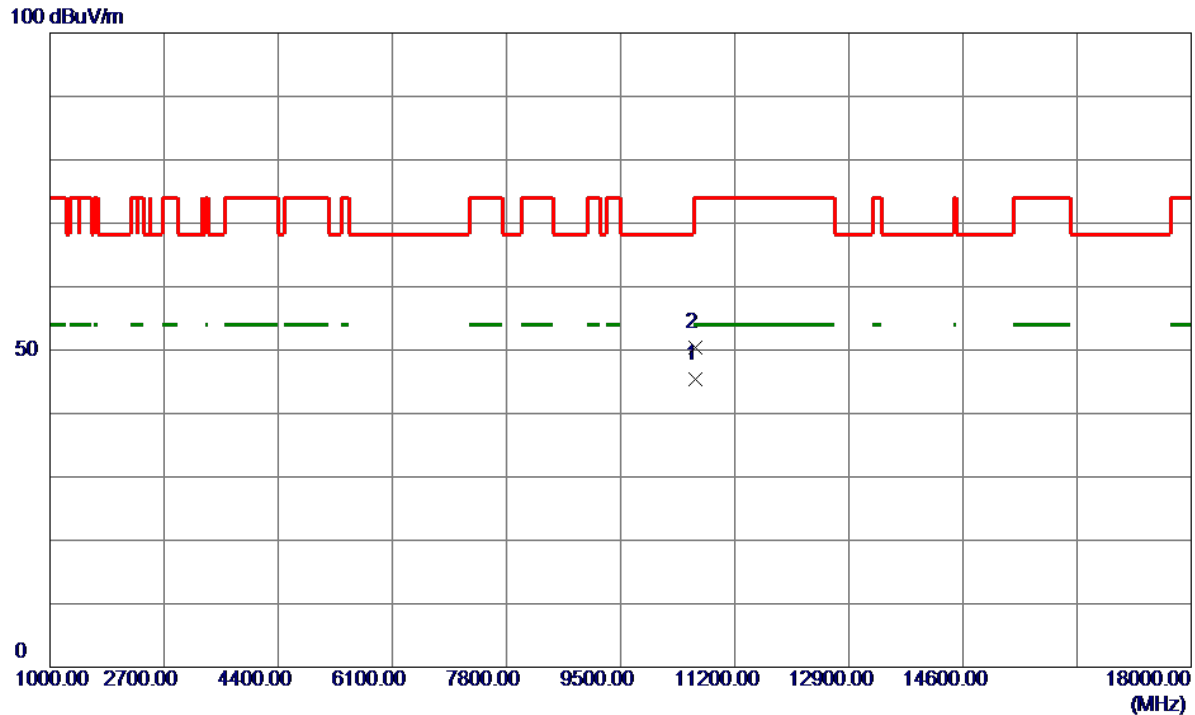
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5312.2000	103.46	16.25	119.71	68.20	51.51	Peak	No Limit
2	5312.2000	95.29	16.25	111.54	999.00	-887.46	AVG	No Limit
3	5350.0000	46.10	16.35	62.45	74.00	-11.55	Peak	
4	5350.0000	36.07	16.35	52.42	54.00	-1.58	AVG	
5	5352.0000	46.32	16.36	62.68	74.00	-11.32	Peak	
6	5352.0000	37.34	16.36	53.70	54.00	-0.30	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT40) Mode 5310 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



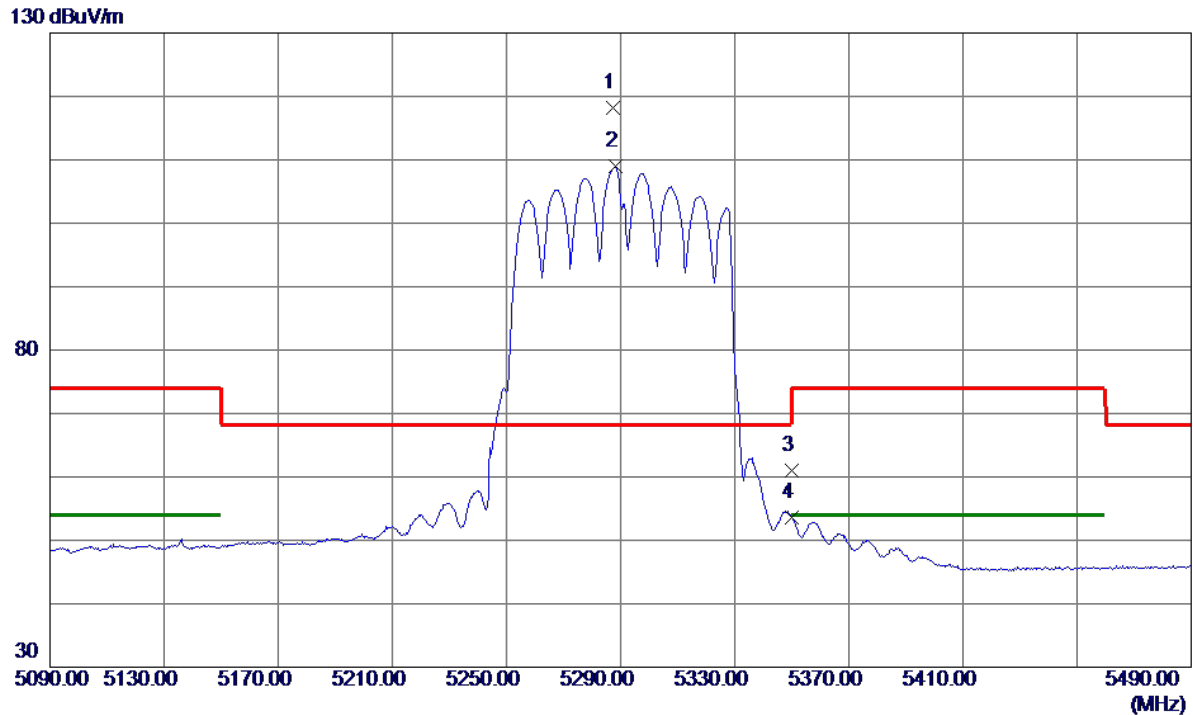
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	10620.0500	34.25	11.13	45.38	54.00	-8.62	AVG	
2	10620.2500	39.26	11.13	50.39	74.00	-23.61	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



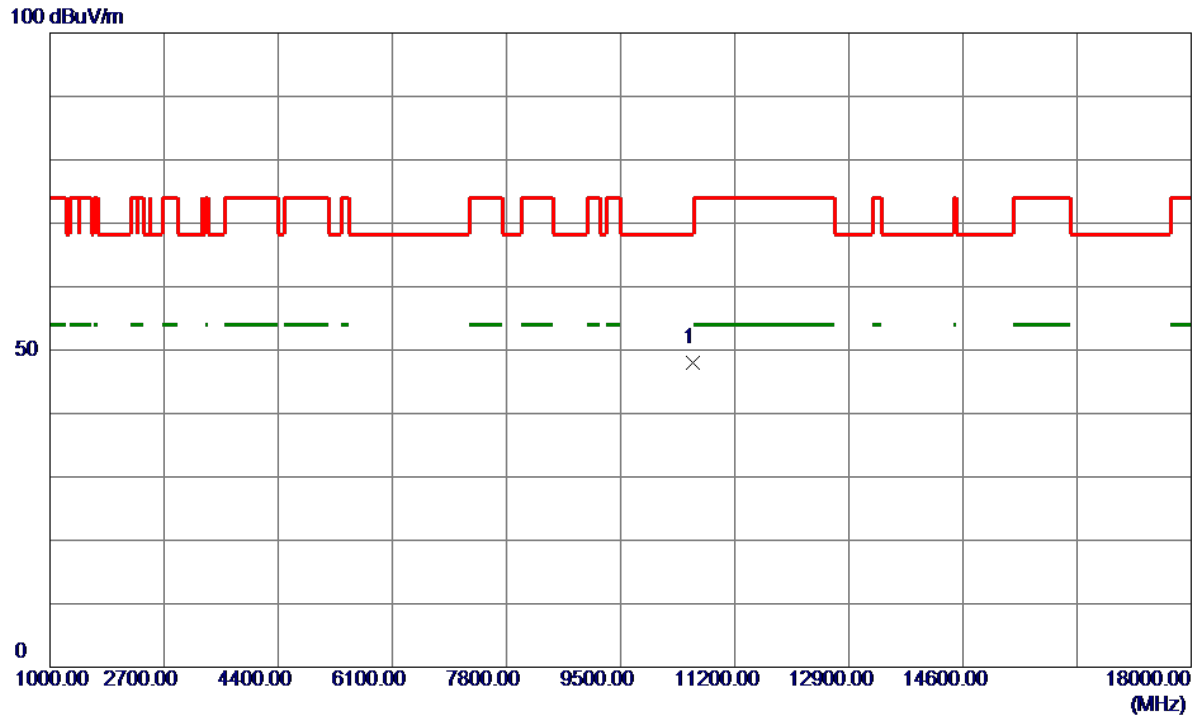
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5287.2000	102.25	15.94	118.19	68.20	49.99	Peak	No Limit
2	5288.4000	93.08	15.94	109.02	999.00	-889.98	AVG	No Limit
3	5350.0000	45.03	15.97	61.00	74.00	-13.00	Peak	
4	5350.0000	37.65	15.97	53.62	54.00	-0.38	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AC(VHT80) Mode 5290 MHz	Polarization	Vertical
-----------	------------------------------------	--------------	----------



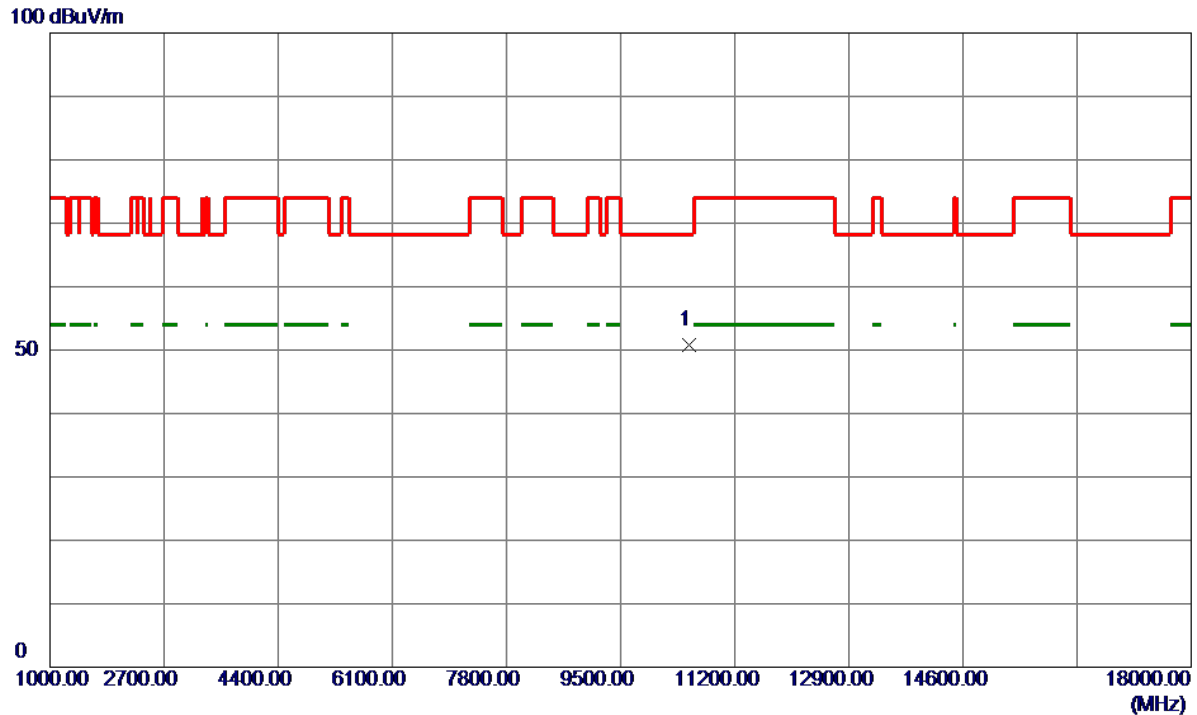
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10580.4000	36.92	11.06	47.98	68.20	-20.22	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5260 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



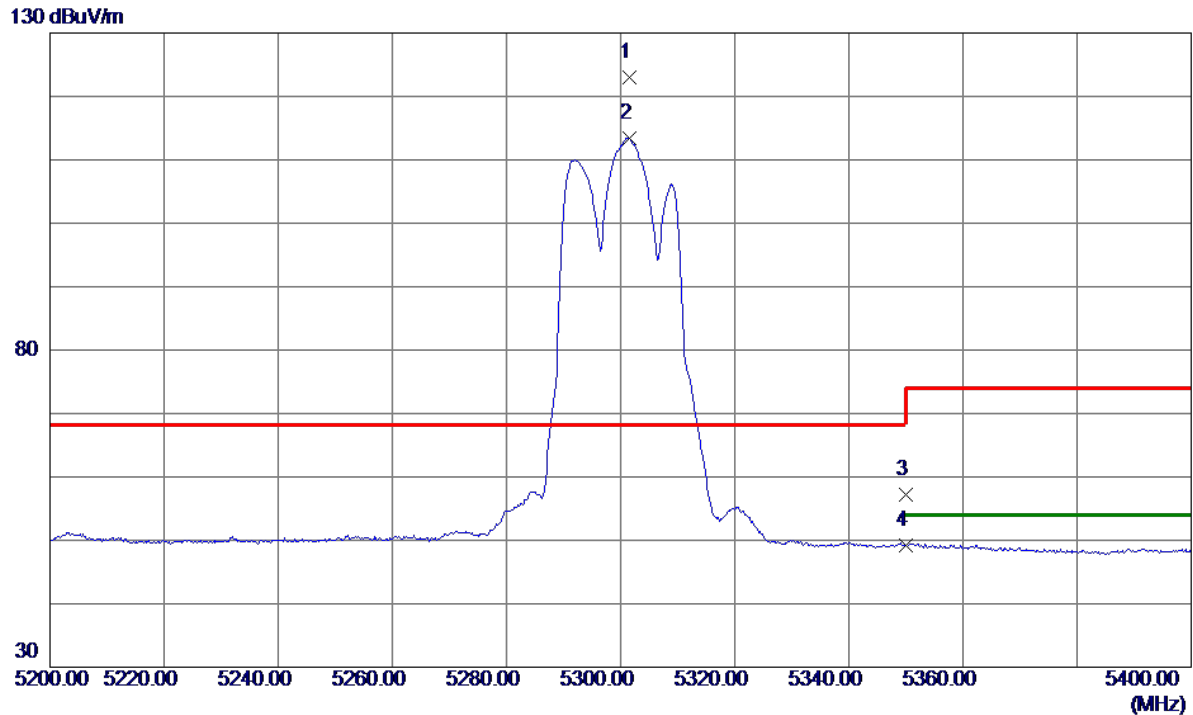
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10520.2000	39.77	10.95	50.72	68.20	-17.48	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



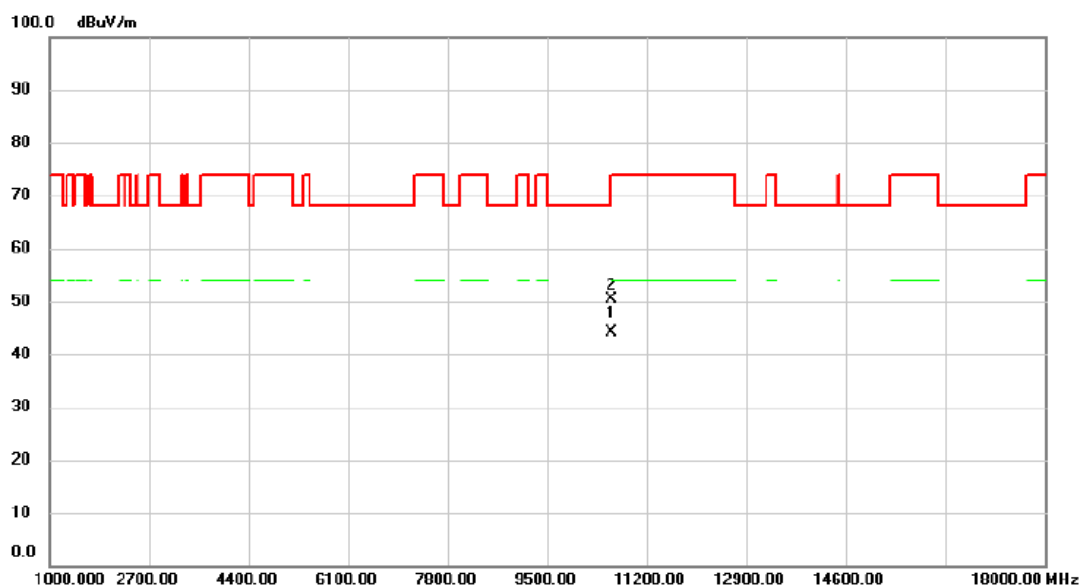
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5301.6000	107.03	15.95	122.98	68.20	54.78	Peak	No Limit
2	5301.6000	97.47	15.95	113.42	999.00	-885.58	AVG	No Limit
3	5350.0000	41.24	15.97	57.21	74.00	-16.79	Peak	
4	5350.0000	33.25	15.97	49.22	54.00	-4.78	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5300 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



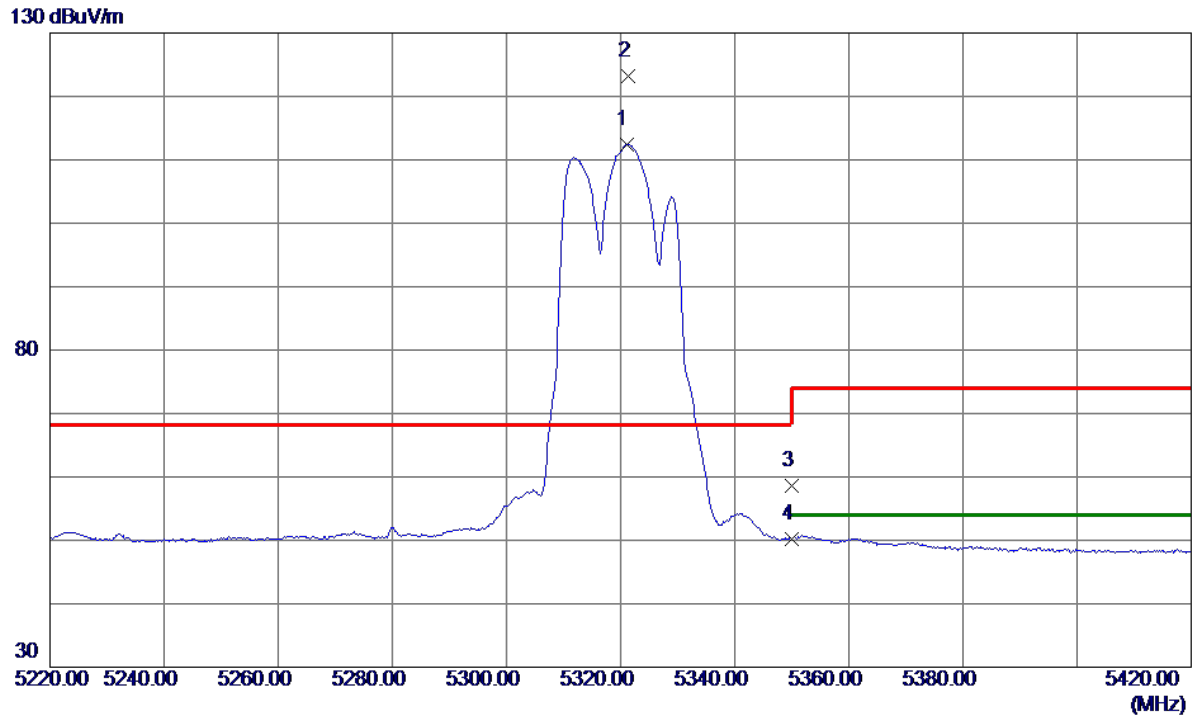
No.	Mk.	Freq. MHz	Reading Level dBuV	Correct Factor dB	Measure- ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	*	10600.000	33.00	11.09	44.09	54.00	-9.91	AVG	
2		10600.050	39.30	11.09	50.39	74.00	-23.61	peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



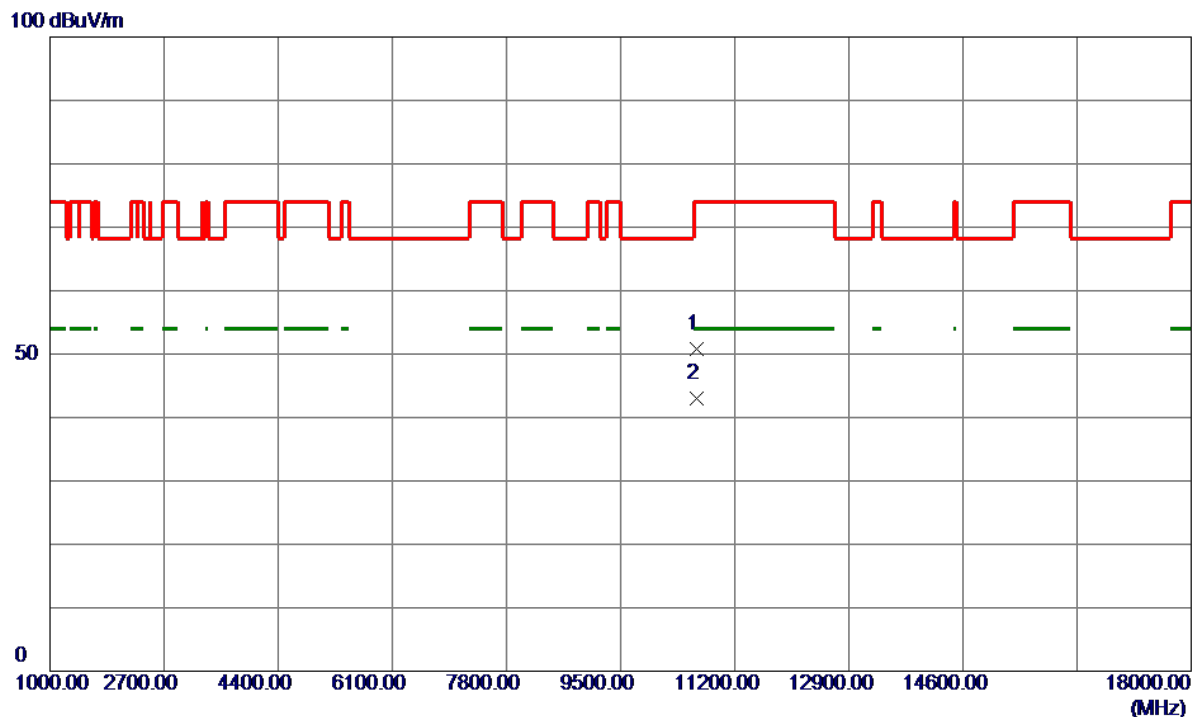
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5321.0000	96.50	15.95	112.45	999.00	-886.55	AVG	No Limit
2 *	5321.4000	107.28	15.96	123.24	68.20	55.04	Peak	No Limit
3	5350.0000	42.72	15.97	58.69	74.00	-15.31	Peak	
4	5350.0000	34.26	15.97	50.23	54.00	-3.77	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE20) Mode 5320 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



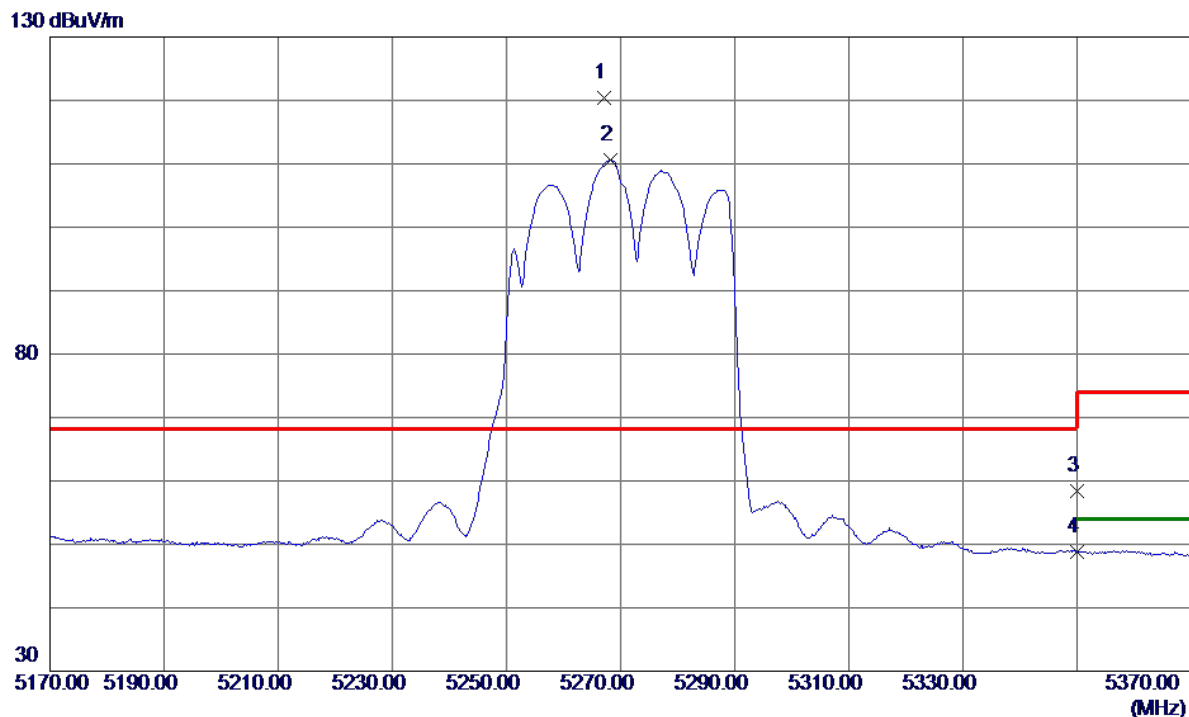
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10639.8000	39.59	11.16	50.75	74.00	-23.25	Peak	
2 *	10639.9500	31.81	11.16	42.97	54.00	-11.03	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	5267.2000	104.38	15.93	120.31	68.20	52.11	Peak	No Limit
2	5268.2000	94.73	15.93	110.66	999.00	-888.34	AVG	No Limit
3	5350.0000	42.47	15.97	58.44	74.00	-15.56	Peak	
4	5350.0000	32.77	15.97	48.74	54.00	-5.26	AVG	

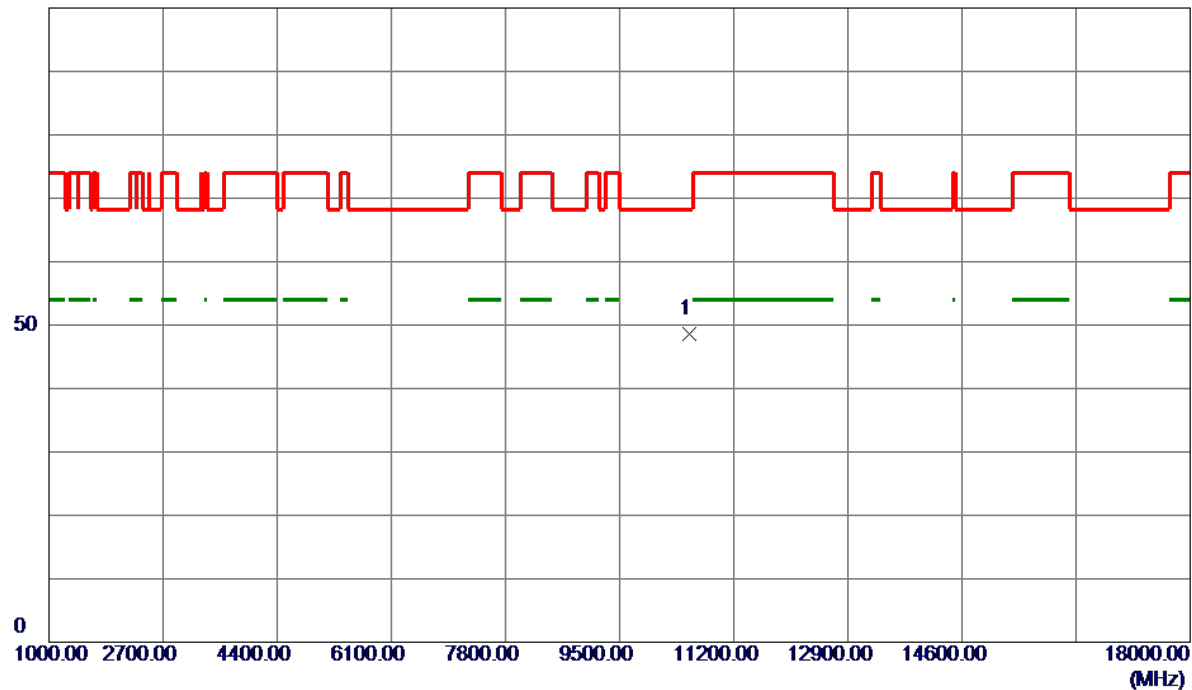
REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE40) Mode 5270 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------

100 dBuV/m



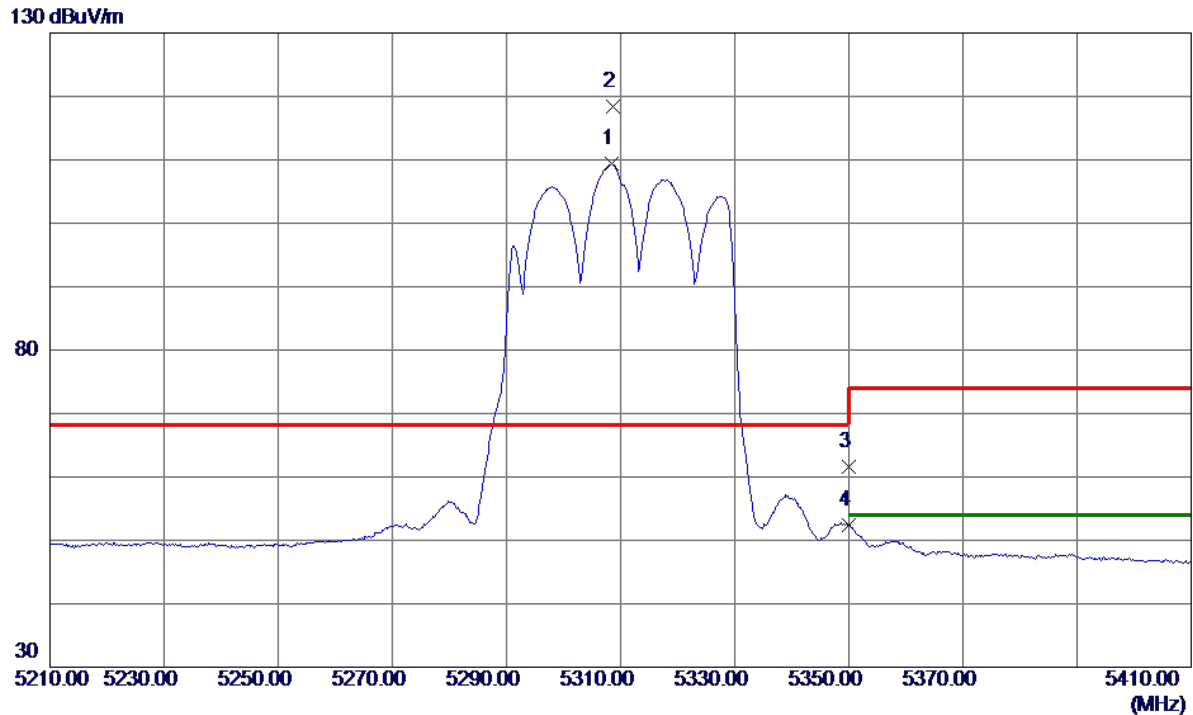
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10539.8099	37.71	10.98	48.69	68.20	-19.51	Peak	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



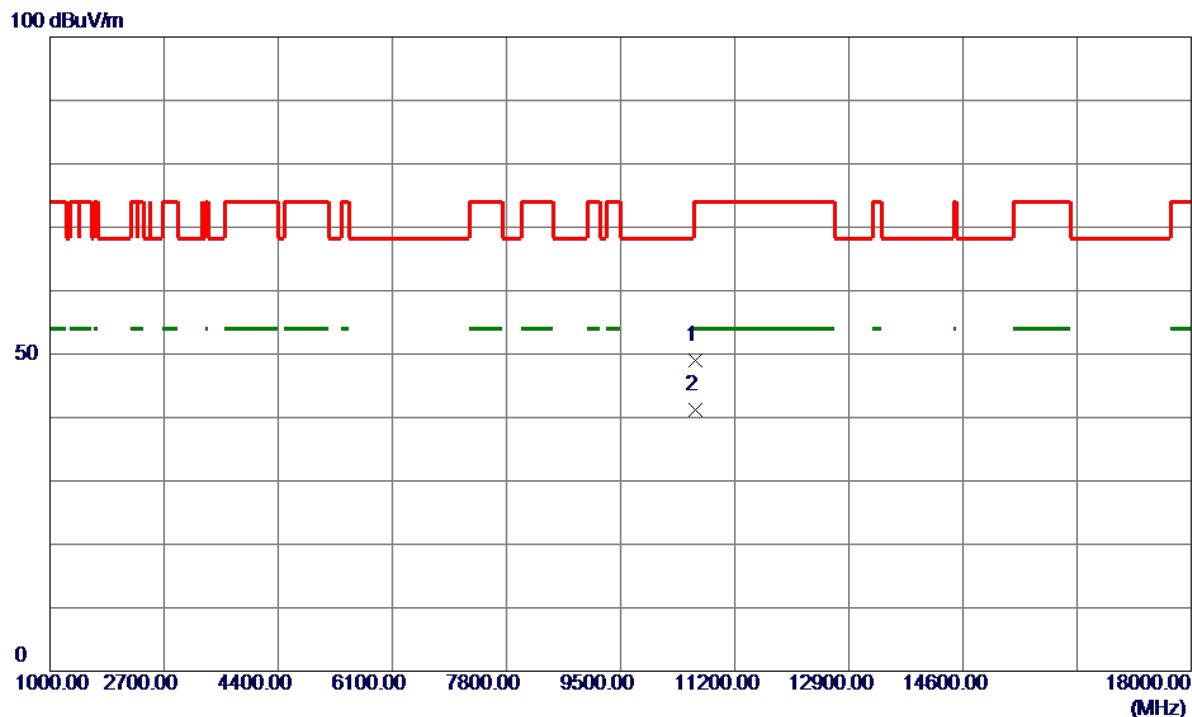
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5308.4000	93.46	15.95	109.41	999.00	-889.59	AVG	No Limit
2 *	5308.6000	102.44	15.95	118.39	68.20	50.19	Peak	No Limit
3	5350.0000	45.56	15.97	61.53	74.00	-12.47	Peak	
4	5350.0000	36.38	15.97	52.35	54.00	-1.65	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE40) Mode 5310 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



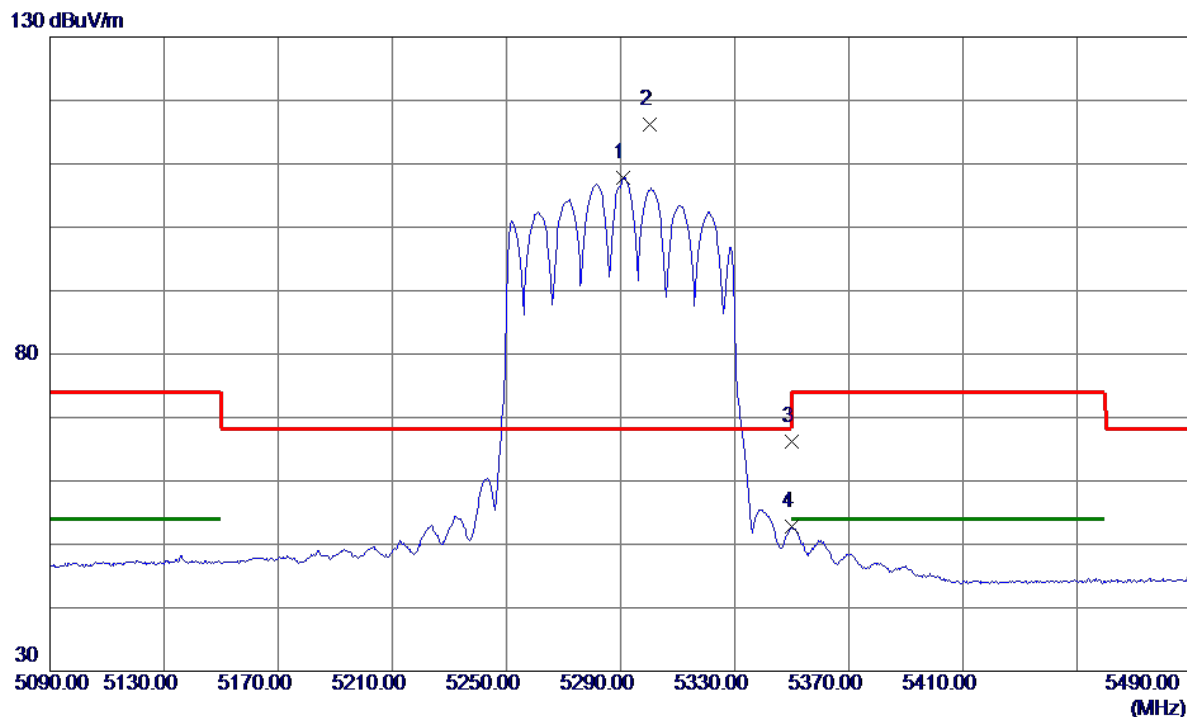
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	10619.8500	37.91	11.13	49.04	74.00	-24.96	Peak	
2 *	10620.0300	30.06	11.13	41.19	54.00	-12.81	AVG	

REMARKS:

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

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

Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------

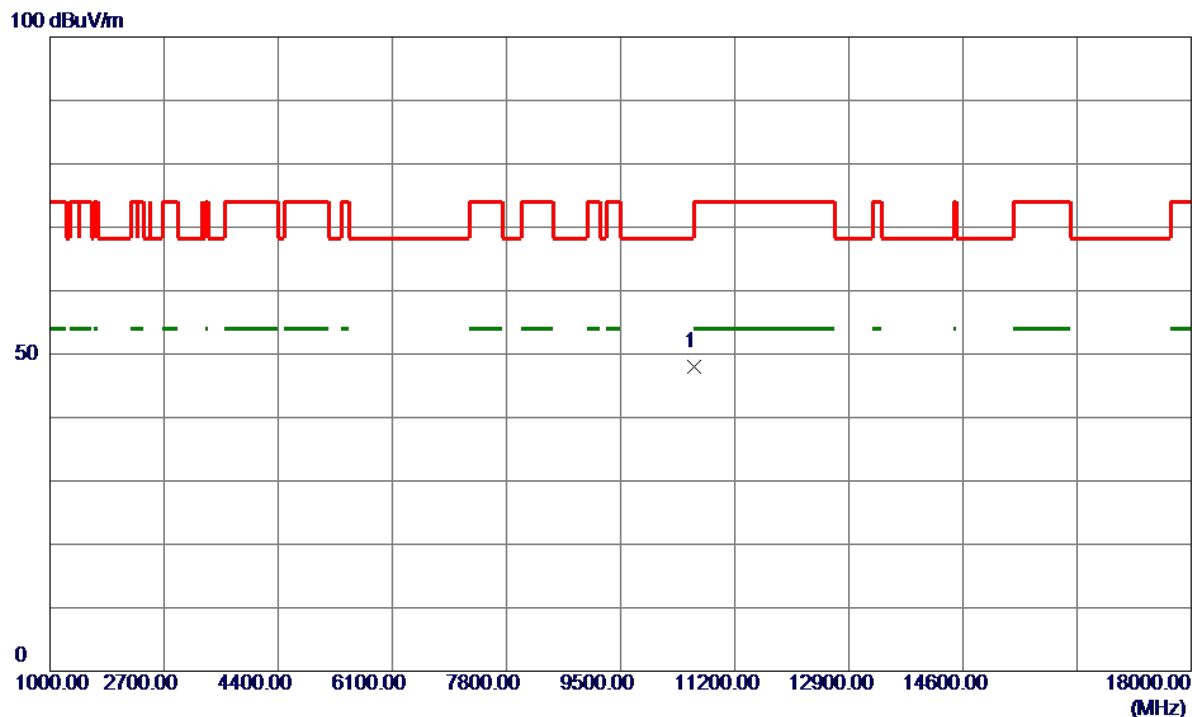


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5290.8000	91.95	15.94	107.89	999.00	-891.11	AVG	No Limit
2 *	5300.4000	100.21	15.95	116.16	68.20	47.96	Peak	No Limit
3	5350.0000	50.14	15.97	66.11	74.00	-7.89	Peak	
4	5350.0000	36.86	15.97	52.83	54.00	-1.17	AVG	

REMARKS:

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

Test Mode	UNII-2A_TX AX(HE80) Mode 5290 MHz	Polarization	Vertical
-----------	-----------------------------------	--------------	----------



No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10588.8500	36.97	11.07	48.04	68.20	-20.16	Peak	

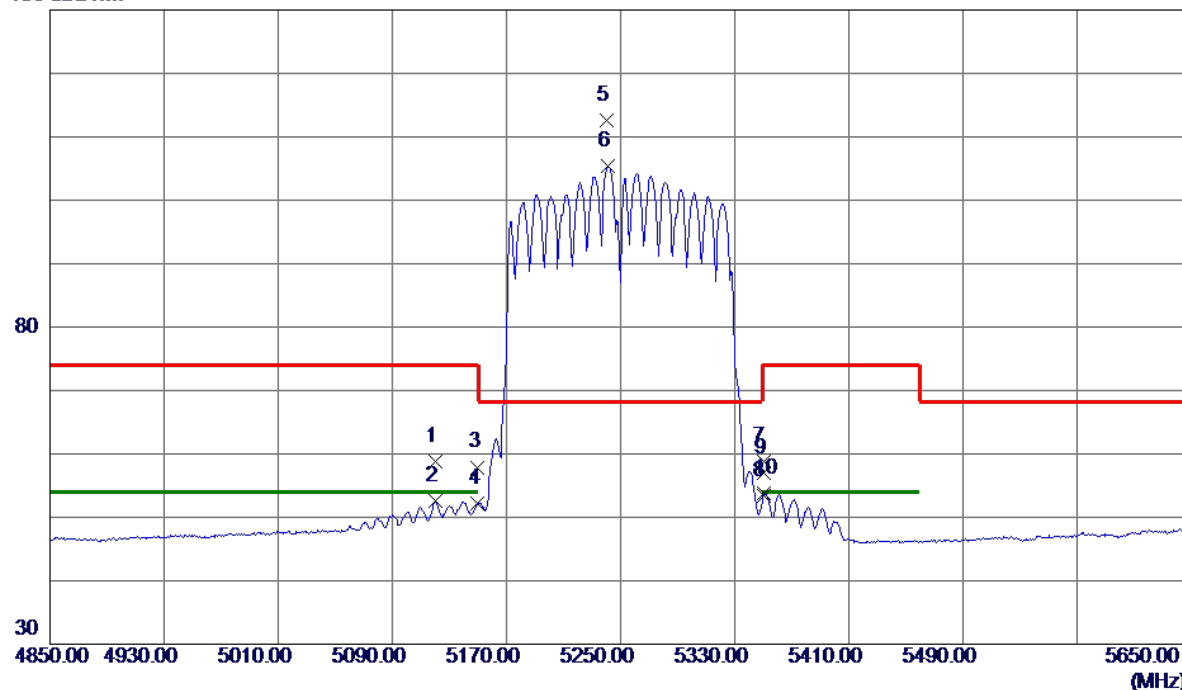
REMARKS:

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

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

Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical
-----------	--	--------------	----------

130 dBuV/m



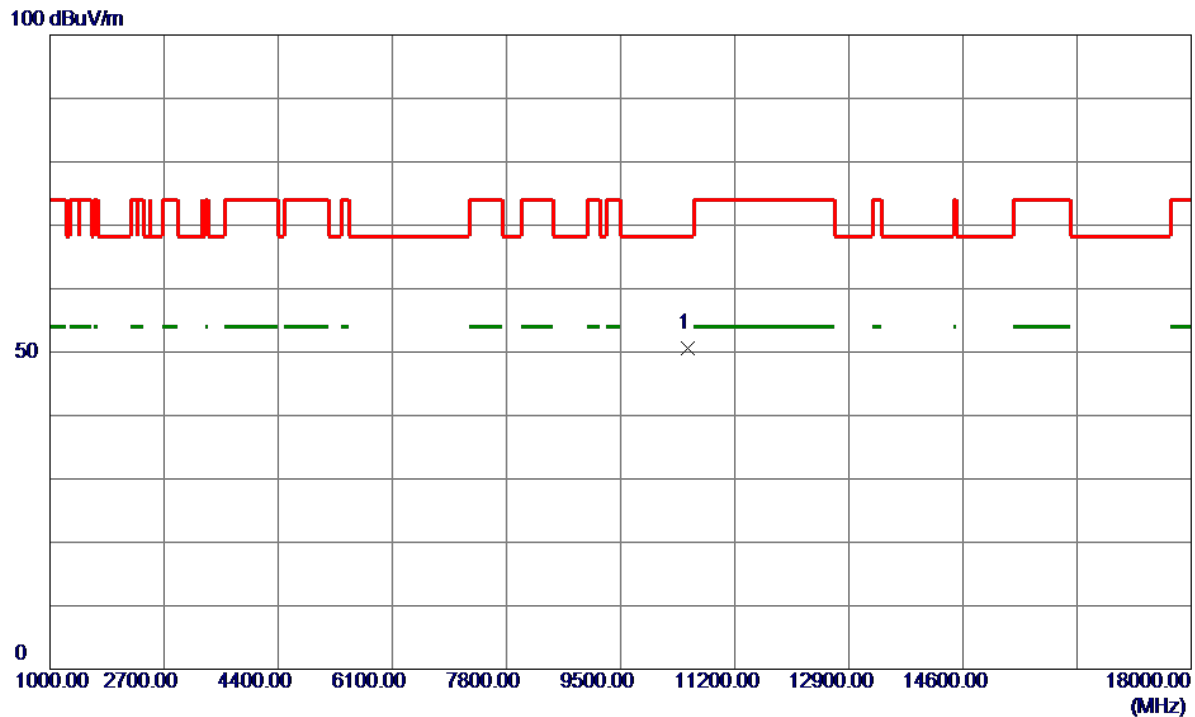
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5120.4000	43.01	15.87	58.88	74.00	-15.12	Peak	
2	5120.4000	36.65	15.87	52.52	54.00	-1.48	AVG	
3	5150.0000	42.02	15.88	57.90	74.00	-16.10	Peak	
4	5150.0000	36.41	15.88	52.29	54.00	-1.71	AVG	
5 *	5240.4000	96.76	15.92	112.68	68.20	44.48	Peak	No Limit
6	5241.2000	89.50	15.92	105.42	999.00	-893.58	AVG	No Limit
7	5350.0000	42.80	15.97	58.77	74.00	-15.23	Peak	
8	5350.0000	37.41	15.97	53.38	54.00	-0.62	AVG	
9	5350.8000	41.12	15.97	57.09	74.00	-16.91	Peak	
10	5350.8000	37.91	15.97	53.88	54.00	-0.12	AVG	

REMARKS:

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

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

Test Mode	UNII-1+UNII-2A_TX AC(VHT160) Mode 5250 MHz	Polarization	Vertical
-----------	--	--------------	----------



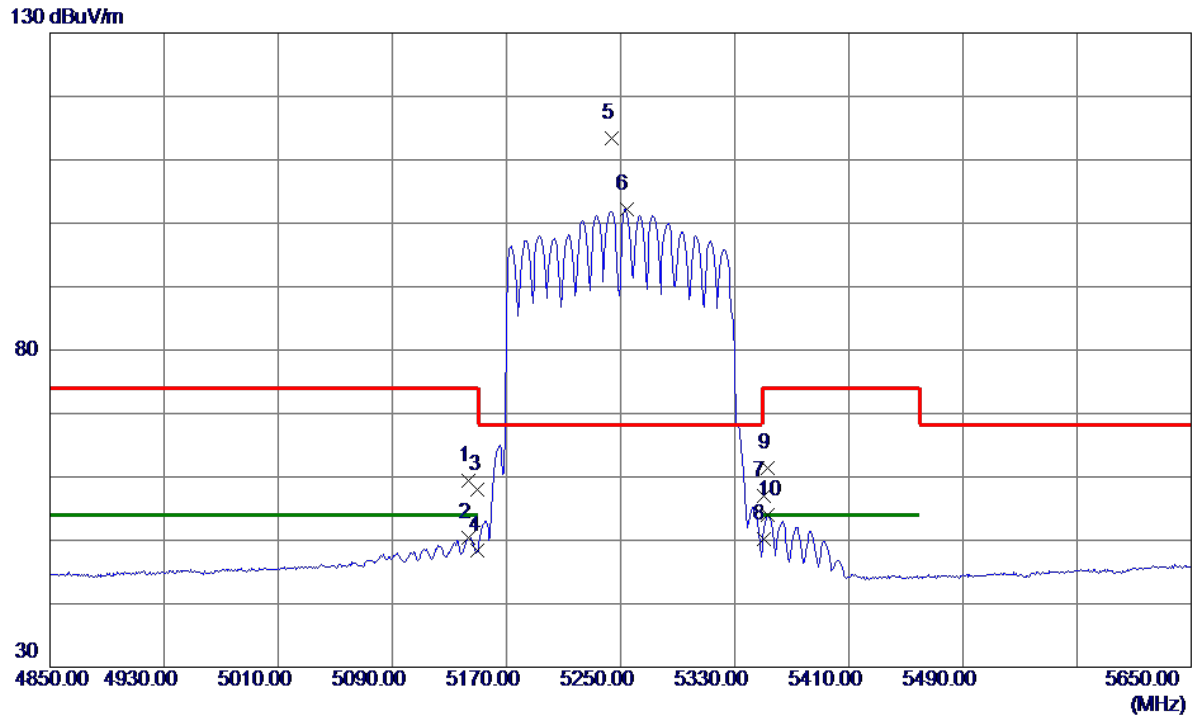
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10499.9400	39.65	10.91	50.56	68.20	-17.64	Peak	

REMARKS:

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

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

Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical
-----------	---	--------------	----------



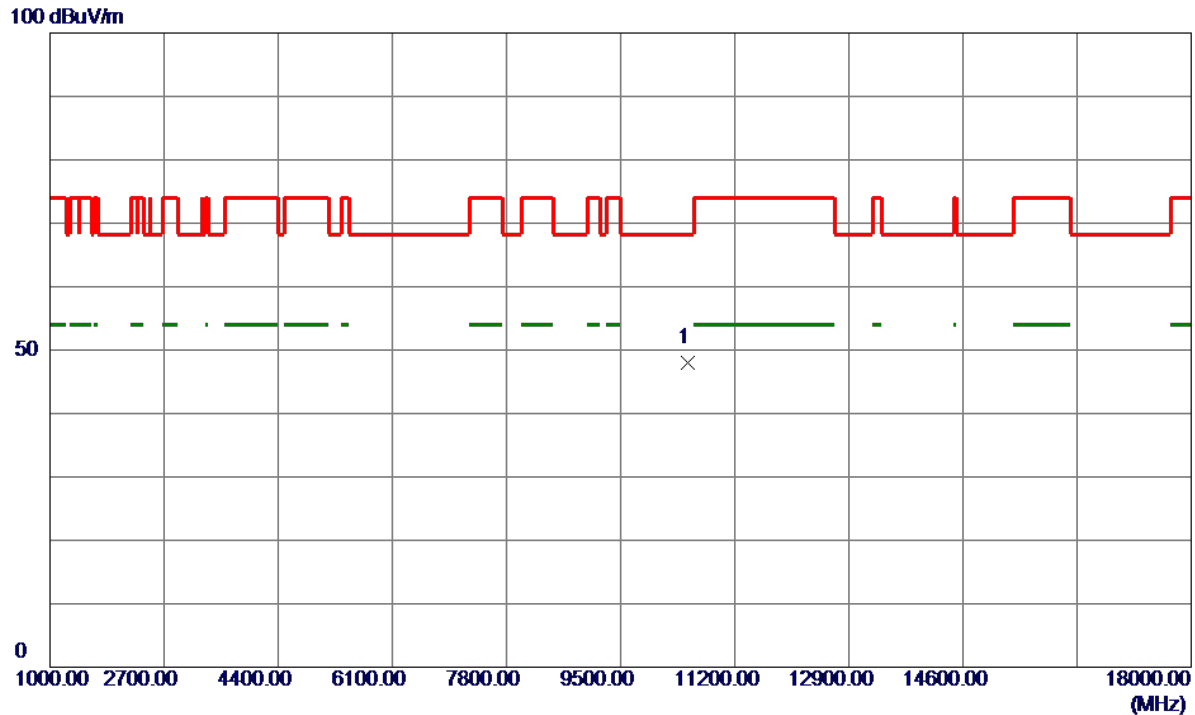
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5143.6000	43.49	15.88	59.37	74.00	-14.63	Peak	
2	5143.6000	34.60	15.88	50.48	54.00	-3.52	AVG	
3	5150.0000	42.10	15.88	57.98	74.00	-16.02	Peak	
4	5150.0000	32.47	15.88	48.35	54.00	-5.65	AVG	
5 *	5243.6000	97.41	15.92	113.33	68.20	45.13	Peak	No Limit
6	5254.0000	86.36	15.93	102.29	999.00	-896.71	AVG	No Limit
7	5350.0000	41.02	15.97	56.99	74.00	-17.01	Peak	
8	5350.0000	34.27	15.97	50.24	54.00	-3.76	AVG	
9	5353.2000	45.49	15.97	61.46	74.00	-12.54	Peak	
10	5353.2000	37.99	15.97	53.96	54.00	-0.04	AVG	

REMARKS:

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

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

Test Mode	UNII-1+UNII-2A_TX AX(HE160) Mode 5250 MHz	Polarization	Vertical
-----------	---	--------------	----------



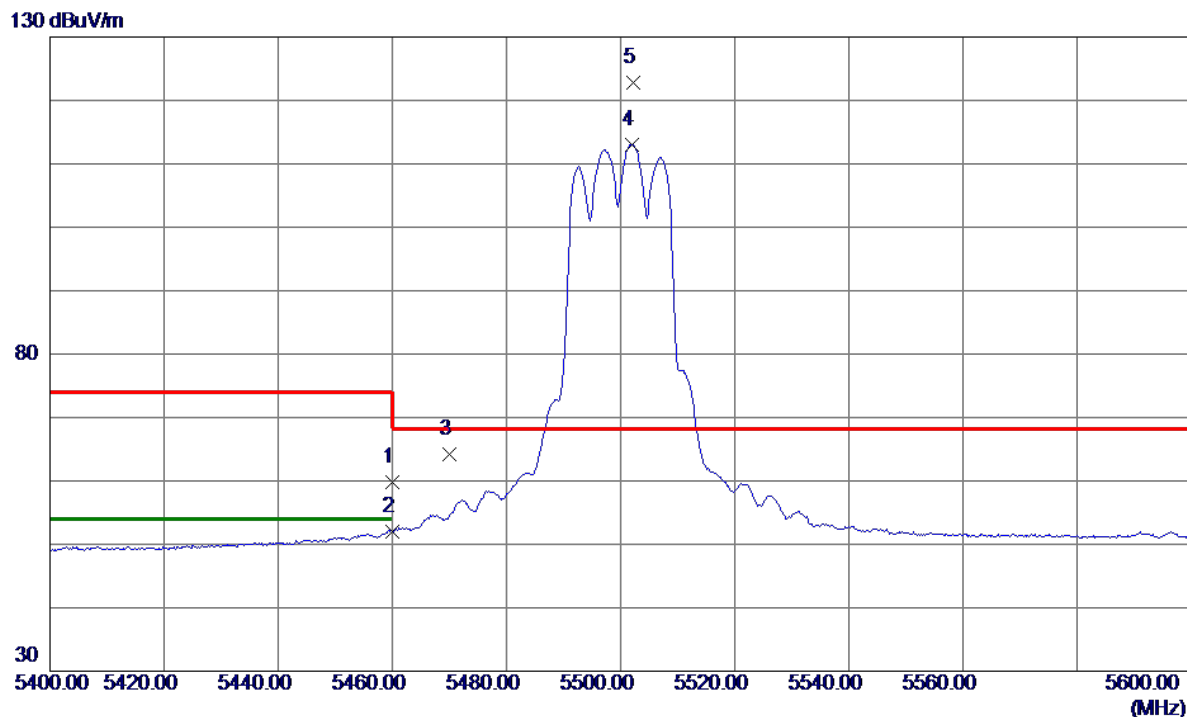
No.	Freq.	Reading Level	Correct Factor	Measurement	Limit	Margin		
	MHz	dBuV/m	dB	dBuV/m	dBuV/m	dB	Detector	Comment
1 *	10499.7400	37.08	10.91	47.99	68.20	-20.21	Peak	

REMARKS:

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

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

Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



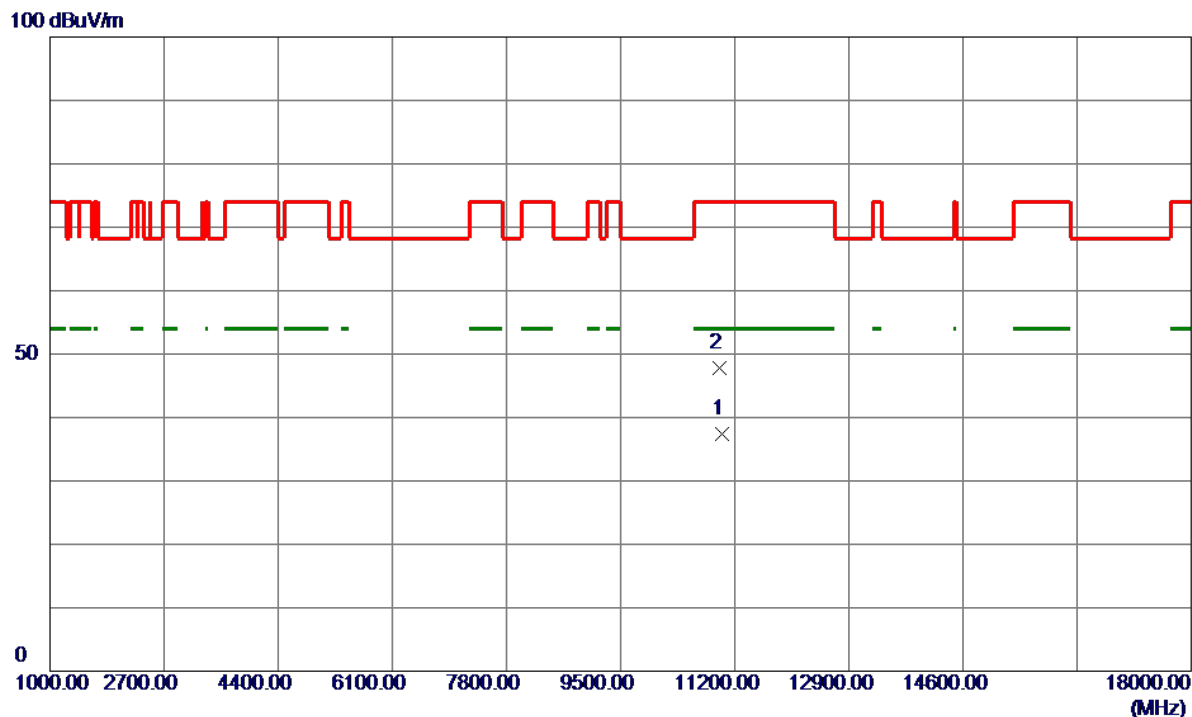
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5460.0000	43.22	16.64	59.86	74.00	-14.14	Peak	
2	5460.0000	35.42	16.64	52.06	54.00	-1.94	AVG	
3	5470.0000	47.58	16.66	64.24	68.20	-3.96	Peak	
4	5502.0000	96.33	16.75	113.08	999.00	-885.92	AVG	No Limit
5 *	5502.2000	106.13	16.75	122.88	68.20	54.68	Peak	No Limit

REMARKS:

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

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

Test Mode	UNII-2C_TX A Mode 5500 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



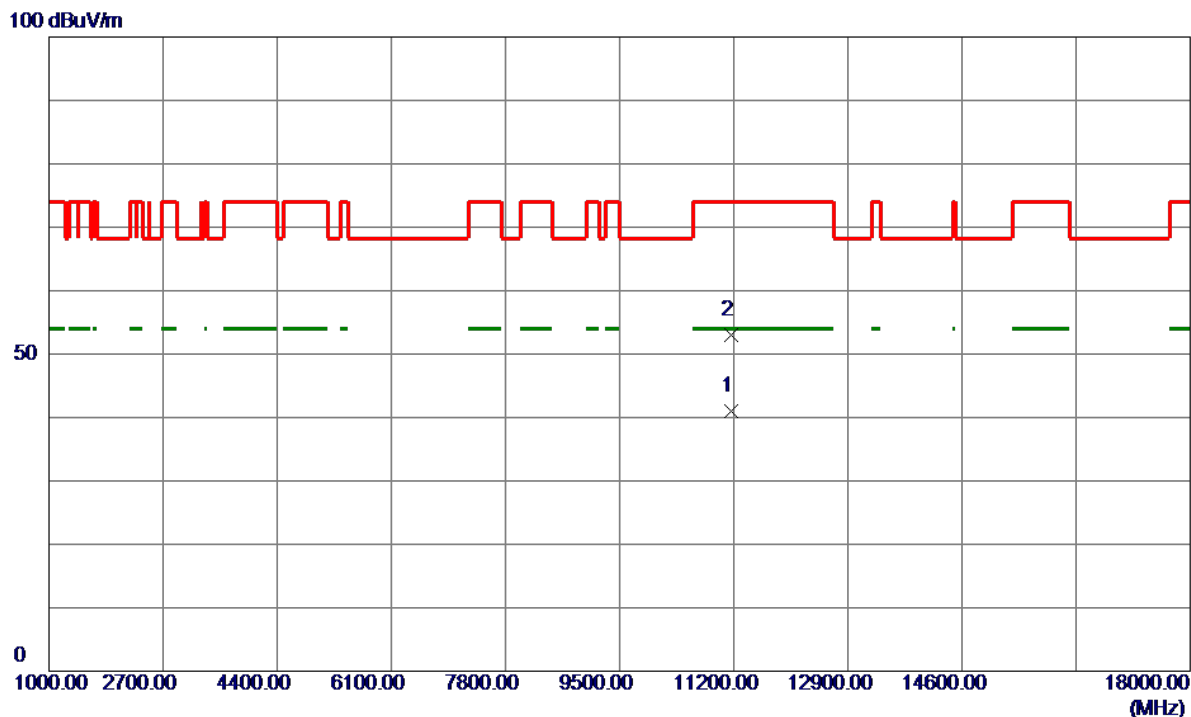
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11002.1000	25.64	11.83	37.47	54.00	-16.53	AVG	
2	10980.5500	35.95	11.78	47.73	74.00	-26.27	Peak	

REMARKS:

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

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

Test Mode	UNII-2C_TX A Mode 5580 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------

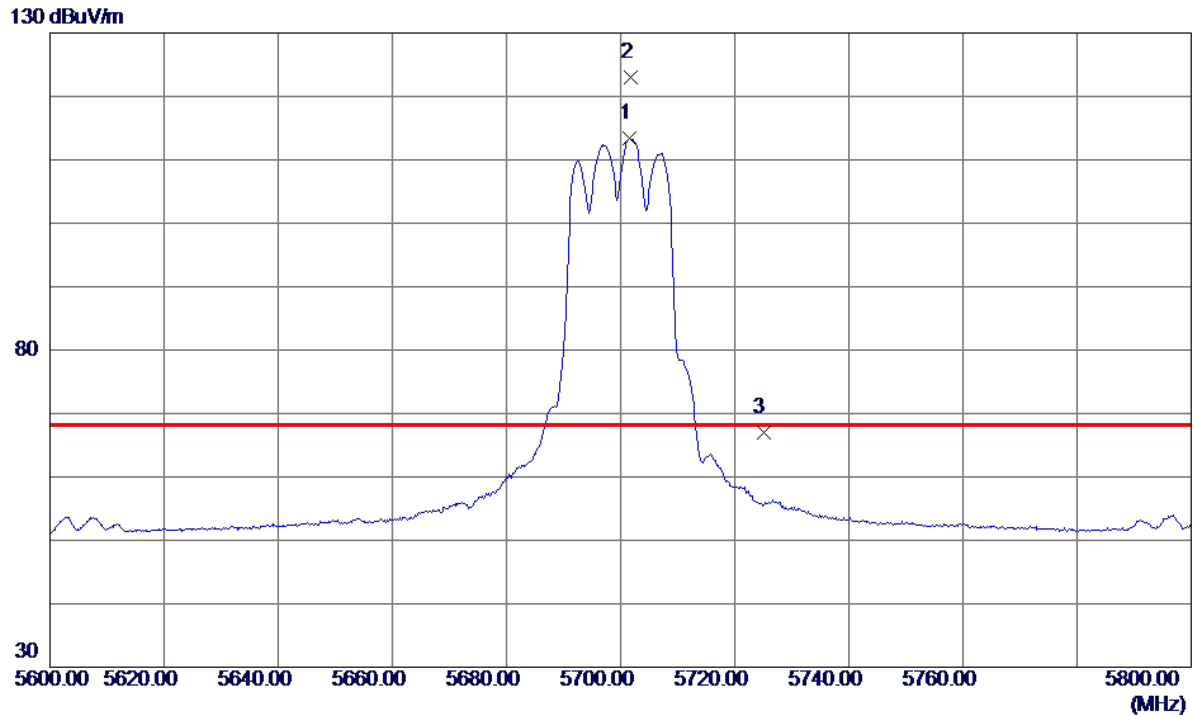


No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1 *	11158.0500	28.43	12.49	40.92	54.00	-13.08	AVG	
2	11163.1500	40.55	12.51	53.06	74.00	-20.94	Peak	

REMARKS:

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

Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



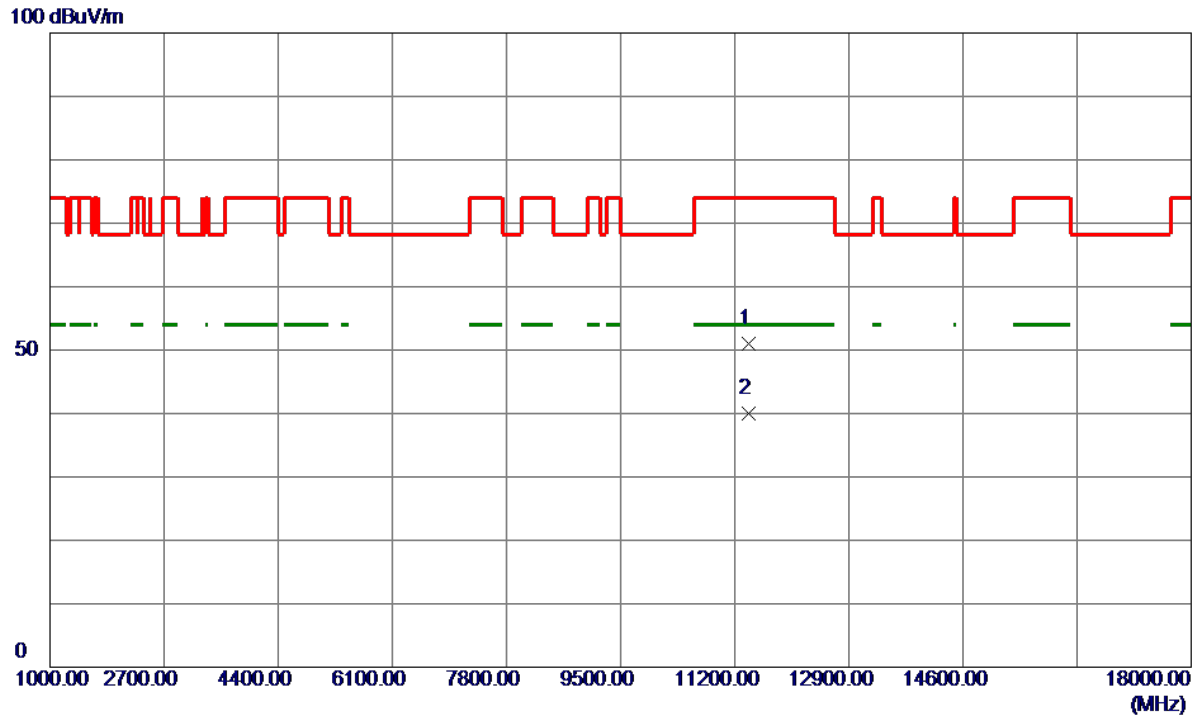
No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	5701.6000	95.98	17.33	113.31	999.00	-885.69	AVG	No Limit
2 *	5701.8000	105.67	17.33	123.00	68.20	54.80	Peak	No Limit
3	5725.0000	49.54	17.40	66.94	68.20	-1.26	Peak	

REMARKS:

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

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

Test Mode	UNII-2C_TX A Mode 5700 MHz	Polarization	Vertical
-----------	----------------------------	--------------	----------



No.	Freq. MHz	Reading Level dBuV/m	Correct Factor dB	Measure ment dBuV/m	Limit dBuV/m	Margin dB	Detector	Comment
1	11403.0500	37.46	13.54	51.00	74.00	-23.00	Peak	
2 *	11404.3500	26.46	13.54	40.00	54.00	-14.00	AVG	

REMARKS:

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

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