

FCC 15.407 U-NII 5GHz Test Report

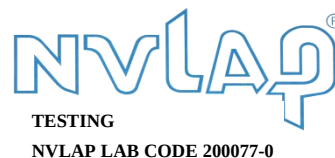
for

LG Electronics Inc.

**222, LG-ro, Jinwi-myeon Pyeongtaek-Si, Gyeonggi-Do,
17709 Republic of Korea**

Product Name : Notebook Computer
Model Name : (1)17Z90U (2)17ZD90U
(3)17ZB90U (4)17ZG90U
(5)17Z90UB (6)17ZD90UB
(7)17ZB90UB (8)17ZG90UB
Brand LG
FCC ID : 2BO3L-17Z90U

Prepared by: : AUDIX Technology Corporation,
EMC Department



The test report is based on a single evaluation of one sample of the above-mentioned products. It does not imply an assessment of the whole production and does not permit the use of the test lab logo.
The report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the U.S. Government.

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APPENDIX A TEST DATA AND PLOTS

APPENDIX B TEST PHOTOGRAPHS

TEST REPORT

Applicant : LG Electronics Inc.
Manufacturer : LG Electronics Inc.
EUT Description
(1) Product : Notebook Computer
(2) Model : (1)17Z90U (2)17ZD90U (3)17ZB90U (4)17ZG90U (5)17Z90UB
(6)17ZD90UB (7)17ZB90UB (8)17ZG90UB
(3) Brand : LG
(4) Power Supply: DC 20V, 3.25A

Applicable Standards:

Title 47 FCC CFR Part 15 Subpart E

Audix Technology Corp. tested the equipment mentioned in accordance with the requirements set forth in the above standards. Test results indicate that the equipment tested is capable of demonstrating compliance with the requirements as documented within this report.

Audix Technology Corp. does not assume responsibility for any conclusions and generalizations drawn from the test results with regard to other specimens and samples.

Date of Report: 2025. 10. 16

Reviewed by:



(Sunnie Huang/ Administrator)

Approved by:



(Johnny Hsueh/Deputy Manager)



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1. REVISION RECORD OF TEST REPORT

Edition No	Issued Date	Revision Summary	Report Number
0	2025. 10. 16	Original Report	EM-F250531

2. SUMMARY OF TEST RESULTS

Rule	Description	Results
15.207	Conducted Emission	PASS
15.205/15.209	Undesirable Emissions Limits: Radiated Band Edge and Radiated Spurious Emission	PASS
15.407(a)(5)/15.407(e)	Emission/Occupied Bandwidth	PASS
15.407(a)	Maximum Output Power	PASS
15.407(b)	Conducted Band Edges	N/A
15.407(a)	Power Spectral Density	PASS
15.407	Frequency Stability	PASS
15.407(h)(2)	Dynamic Frequency Selection(DFS)	PASS, Please refer to test report No. EM-F250532
15.203	Antenna Requirement	Compliance
Note: The uncertainties value is not used in determining the result.		

3. GENERAL INFORMATION

3.1. Description of Application

Applicant	LG Electronics Inc. 222, LG-ro, Jinwi-myeon Pyeongtaek-Si, Gyeonggi-Do, 17709 Republic of Korea
Manufacturer	LG Electronics Inc. 222, LG-ro, Jinwi-myeon Pyeongtaek-Si, Gyeonggi-Do, 17709 Republic of Korea
Product	Notebook Computer
Model	(1)17Z90U (2)17ZD90U (3)17ZB90U (4)17ZG90U (5)17Z90UB (6)17ZD90UB (7)17ZB90UB (8)17ZG90UB The details of differences description refer to below table.
Brand	LG

Table: Model different list

Model Series	Model Number	Sales Customers	Appearance Color	Touch Pad
17Z90U Series	17Z90U	General Customers	(1)Black (2)White	(1)LITE-ON, SP8B00B31 (2)ELAN, SD082A-34H0
	17ZD90U	General Customers		
	17ZB90U	B2B Customers		
	17ZG90U	General Customers		
17Z90UB Series	17Z90UB	General Customers	Brown	LITE-ON, SP8E02B
	17ZD90UB	General Customers		
	17ZB90UB	B2B Customers		
	17ZG90UB	General Customers		

3.2. Description of EUT

Test Model	17Z90U																																
Serial Number	N/A																																
Power Rating	DC 20V, 3.25A																																
Software Version	XY (X, Y can be 0 to 9 for different SW version not influence RF parameter)																																
RF Features	WLAN: 802.11 a/b/g/n/ac/ax/be Bluetooth: BT and BLE (BT6.0)																																
Transmit Type	<table border="1"> <thead> <tr> <th colspan="2">2.4 GHz Bands</th></tr> </thead> <tbody> <tr> <td>802.11b</td><td>1T1R</td></tr> <tr> <td>802.11g</td><td>1T1R</td></tr> <tr> <td>802.11n-HT20/40</td><td>2T2R</td></tr> <tr> <td>802.11ax-HE20/40</td><td>2T2R</td></tr> <tr> <td>802.11be-EHT20/40</td><td>2T2R</td></tr> <tr> <td>BT/BLE</td><td>2T2R</td></tr> <tr> <th colspan="2">U-NII Bands</th></tr> <tr> <td>802.11a</td><td>1T1R</td></tr> <tr> <td>802.11n-HT20/40</td><td>2T2R</td></tr> <tr> <td>802.11ac-VHT20/40/80/160</td><td>2T2R</td></tr> <tr> <td>802.11ax-HE20/40/80/160</td><td>2T2R</td></tr> <tr> <td>802.11be-EHT20/40/80/160</td><td>2T2R</td></tr> <tr> <th colspan="2">WLAN 6E Bands</th></tr> <tr> <td>802.11ax-HE20/40/80/160</td><td>2T2R</td></tr> <tr> <td>802.11be-EHT20/40/80/160/320</td><td>2T2R</td></tr> </tbody> </table> The MIMO is uncorrelated and supported SDM (Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).	2.4 GHz Bands		802.11b	1T1R	802.11g	1T1R	802.11n-HT20/40	2T2R	802.11ax-HE20/40	2T2R	802.11be-EHT20/40	2T2R	BT/BLE	2T2R	U-NII Bands		802.11a	1T1R	802.11n-HT20/40	2T2R	802.11ac-VHT20/40/80/160	2T2R	802.11ax-HE20/40/80/160	2T2R	802.11be-EHT20/40/80/160	2T2R	WLAN 6E Bands		802.11ax-HE20/40/80/160	2T2R	802.11be-EHT20/40/80/160/320	2T2R
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802.11be-EHT20/40/80/160/320	2T2R																																
Device Category	☐ Outdoor Access Point ☐ Fixed point-to-point Access Point ☐ Indoor Access Point ☒ Mobile and Portable client device																																

Test Sample	Sample No.	Test Item	Firmware
	01	AC Conduction, RSE, RF Conducted	N/A
Sample Status	Trial sample		
Date of Receipt	2025. 08. 20		
Date of Test	2025. 09. 01 ~ 25		
Interface Ports of EUT	• One HDMI Port • Two USB Type C Ports • One Earphone Port • Two USB 3.0 Ports		
Accessories Supplied	• AC Adapter • USB C Cable • LAN Gender		

Note: Pursuant ISO 17025:2017 section 7.8.2, Audix Technology Corp. does not assume responsibility for all EUT's information including RF features, transmit type, antenna information...etc are provided by customer.

3.3. Reference Test Guidance

KDB 789033 D02 General UNII Test Procedures New Rules v02r01
KDB 662911 D01 Multiple Transmitter Output v02r01
ANSI C63.10-2020

3.4. Antenna Information

No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain(dBi)	
					Main	AUX
1.	L1LRF019-CS-H	LUXSHARE-ICT	Mono-pole	2400~2500	5.4	3.1
				5150~5250	2.7	5.3
				5250~5350	3.7	5.3
				5470~5725	4.0	4.7
				5725~5800	2.9	4.7
				5850	1.9	4.7
				5925~6425	2.1	6.8
				6425~6525	0.5	3.3
				6525~6825	2.6	3.8
				6925~7125	2.2	4.6
According to KDB 662911 D01 d) ii), transmit signals are completely uncorrelated, then Directional gain = $10 \log[(10^{G1/10} + 10^{G2/10} + \dots + 10^{GN/10})/N_{ANT}]$ dBi Note 1. 2.4G: Directional gain = 2400~2500MHz: Directional gain = $10 \log[(10^{5.4/10} + 10^{3.1/10})/2] = 4.4\text{dBi}$ Note 2. 5G: Directional gain = 5150 ~ 5250MHz: $= 10 \log[(10^{2.7/10} + 10^{5.3/10})/2] = 4.19\text{dBi}$ 5250 ~ 5350MHz: $= 10 \log[(10^{3.7/10} + 10^{5.3/10})/2] = 4.57\text{dBi}$ 5725 ~ 5800MHz: $= 10 \log[(10^{2.9/10} + 10^{4.7/10})/2] = 3.89\text{dBi}$ 5850MHz: $= 10 \log[(10^{1.9/10} + 10^{4.7/10})/2] = 3.52\text{dBi}$ Note 3. UNII Band (WLAN 6G): 5925~6425MHz: Directional gain = $10 \log[(10^{2.1/10} + 10^{6.8/10})/2] = 5.06\text{dBi}$ 6425~6525MHz: Directional gain = $10 \log[(10^{0.5/10} + 10^{3.3/10})/2] = 2.12\text{dBi}$ 6525~6825MHz: Directional gain = $10 \log[(10^{2.6/10} + 10^{3.8/10})/2] = 3.24\text{dBi}$ 6925~7125MHz: Directional gain = $10 \log[(10^{2.2/10} + 10^{4.6/10})/2] = 3.56\text{dBi}$						

3.5. EUT Specifications Assessed in Current Report

Mode	U-NII Band	Fundamental Range (MHz)	Channel Number
802.11a	1	5180-5240	4
	2A	5260-5320	4
	2C	5500-5720	12
	3	5745-5825	5
	4	5845-5885	3
802.11n-HT20 802.11ac-VHT20 802.11ax-HE20 802.11be-EHT20	1	5180-5240	4
	2A	5260-5320	4
	2C	5500-5720	12
	3	5745-5825	5
	4	5845-5885	3
802.11n-HT40 802.11ac-VHT40 802.11ax-HE40 802.11be-EHT40	1	5190-5230	2
	2A	5270-5310	2
	2C	5510-5710	6
	3	5755-5795	2
	4	5845-5885	2
802.11ac-VHT80 802.11ax-HE80 802.11be-EHT80	1	5210	1
	2A	5290	1
	2C	5530-5690	3
	3	5775	1
	4	5855	1
802.11ac-VHT160 802.11ax-HE160 802.11be-EHT160	1	5250	1
	2A		
	2C	5570	1
	4	5815	1
Remark: U-NII Band 2A and 2C (DFS Function, Slave/no In service monitor, no Ad-Hoc mode)			

Mode	Modulation	Data Rate (Mbps)
802.11a	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 54
802.11n-HT20	OFDM (BPSK/QPSK/16QAM/64QAM)	Up to 144.4
802.11n-HT40		Up to 300
802.11ac-VHT20	OFDM (BPSK/QPSK/16QAM/64QAM/256QAM)	Up to 173.3
802.11ac-VHT40		Up to 400
802.11ac-VHT80		Up to 866.7
802.11ac-VHT160		Up to 1733.3
802.11ax-HE20	OFDMA (BPSK/ QPSK/ 16QAM/ 64QAM/ 256QAM/1024QAM)	Up to 287
802.11ax-HE40		Up to 574
802.11ax-HE80		Up to 1201
802.11ax-HE160		Up to 2402
802.11be-EHT20	OFDMA (BPSK/ QPSK/ 16QAM/ 64QAM/ 256QAM/1024QAM/4096QAM)	Up to 344
802.11be-EHT40		Up to 688
802.11be-EHT80		Up to 1441
802.11be-EHT160		Up to 2882

Channel List					
802.11a/802.11n-HT20/802.11ac-VHT20/802.11ax-HE20/802.11be-EHT20					
U-NII Band	Channel Number	Frequency (MHz)	U-NII Band	Channel Number	Frequency (MHz)
1	36	5180	2C	120	5600
	40	5200		124	5620
	44	5220		128	5640
	48	5240		132	5660
2A	52	5260		136	5680
	56	5280		140	5700
	60	5300		144	5720
	64	5320		149	5745
2C	100	5500	3	153	5765
	104	5520		157	5785
	108	5540		161	5805
	112	5560		165	5825
	116	5580	4	169	5845
		173		5865	
		177		5885	

Channel List					
802.11n-HT40/802.11ac-VHT40/802.11ax-HE40/802.11be-EHT40					
U-NII Band	Channel Number	Frequency (MHz)	U-NII Band	Channel Number	Frequency (MHz)
1	38	5190	2C	118	5590
	46	5230		126	5630
2A	54	5270		134	5670
	62	5310		142	5710
2C	102	5510	3	151	5755
	110	5550		159	5795
			4	167	5835
				175	5875

Channel List					
802.11ac-VHT80/802.11ax-HE80/802.11be-EHT80					
U-NII Band	Channel Number	Frequency (MHz)	U-NII Band	Channel Number	Frequency (MHz)
1	42	5210	2C	138	5690
2A	58	5290	3	155	5775
2C	106	5530	4	171	5855
	122	5610			

Channel List					
802.11ac-VHT160/802.11ax-HE160/802.11be-EHT160					
U-NII Band	Channel Number	Frequency (MHz)	U-NII Band	Channel Number	Frequency (MHz)
1	50	5250	2C	114	5570
2A			4	163	5815

Note: Test modes are presented at section 3.7.

3.6. Description of Key Components

3.6.1. For the All Component Lists

Item	Supplier	Model / Type	Character
System	Microsoft	Win10 Home / Pro	---
		Win11 Home / Pro	---
Main Board	LG	1xZ90U MAIN	Manufacturer: #1 Hannstar Board Tech (Jiang Yin) Corp., Ltd. #2 Elec&Eltek Company (MCO) Limited. #3 Changzhou Aohong Electronics Co., Ltd.
SUB Board	LG	17Z90U/90UB/95U SUB B/D	Manufacturer: #1 Hannstar Board Tech (Jiang Yin) Corp., Ltd. #2 Elec&Eltek Company (MCO) Limited. #3 Changzhou Aohong Electronics Co., Ltd.
CPU (Socket: BGA2540)	Intel	Ultra X9 388H	4.0GHz
	Intel	Ultra X7 358H	3.7GHz
	Intel	Ultra 5 338H	3.7GHz
	Intel	Ultra 7 355	3.3GHz
	Intel	Ultra 5 325	3.1GHz
17" LCD Panel	LG Display	LP170WQ1	Resolution: 2560 x 1600, 60Hz
Storage (SSD)	SAMSUNG	---	256GB / 512GB / 1TB
	Longsys	---	256GB / 512GB / 1TB
	SK hynix	---	256GB / 512GB / 1TB
	Phison	---	256GB / 512GB / 1TB
Memory (RAM)	SAMSUNG	---	16GB / 32GB LPDDR5x(On Board)
	Longsys	---	16GB / 32GB LPDDR5x(On Board)
	SK hynix	---	16GB / 32GB LPDDR5x(On Board)
Battery Pack	LG	LB3122MM	77Wh, DC 15.52V, 4963mAh
	BYD	LB3122MN	77Wh, DC 15.52V, 4963mAh
WLAN Combo Card	Intel	BE211D2W	WLAN and BT, 2x2 PCIe M.2 1216-soldered down module FCC ID: PD9BE211D2 IC: 1000M-BE211D2
WLAN Combo Antenna	LG (LUXSHARE-ICT)	L11RF019-CS-H	PCB, Mono-pole Type Main/Aux
Keyboard	LITE-ON	SN8D02B	100key
Touch Pad	LITE-ON	SP8B00B31	90U
	ELAN	SD082A-34H0	90U
	LITE-ON	SP8E02B	90UB
Web Camera	Luxvisions	ABG213N3A	IR/RGB (FHD)
	Chicony	CKFPE28	IR/RGB (FHD)
LAN Gender (Type C to LAN)	SUZHOU MEC ELECTRONICS	80-5946-111	(White) 10/100 Megabit Ethernet
		80-5946-101	(Black) 10/100 Megabit Ethernet
	ARIN TECH CO. LTD	GD-08MF-36-WH-LP10	(White) 10/100 Megabit Ethernet
		GD-08MF-36-BK-LP11	(Black) 10/100 Megabit Ethernet
	HUIZHOU DEHONG TECHNOLOGY CO.,LTD.	370-50713	(White) 10/100 Megabit Ethernet
		370-50714	(Black) 10/100 Megabit Ethernet
	Type C to LAN: Shielded, Undetached		
	ARIN TECH CO. LTD	GD-08MF-50-WH-LP12	(White) 10/100/1000 Megabit Ethernet
		GD-08MF-50-BK-LP13	(Black) 10/100/1000 Megabit Ethernet
	Type C to LAN: Shielded, Undetached		
	SUZHOU MEC ELECTRONICS	80-5946-230-FA	(White) 10/100/1000 Megabit Ethernet
		80-5946-240-FA	(Black) 10/100/1000 Megabit Ethernet
	Type C to LAN: Shielded, Undetached		

Item	Supplier	Model / Type	Character
AC Adapter	LG (PI ELECTRONICS)	LP65WFC20P-NJ	(B = Black),(W = White) I/P: AC 100-240V, 1.6A, 50-60Hz O/P:DC 5V,3A(15W) or DC 9V, 3A(27W)or DC 15V,3A (45W) or DC 20V,3.25A (65W) US Type: Wall-Mounted: (2C)
	#1 Type C Cable(3A) #2 Type C Cable (5A)		

Remark: For more detailed features description, please refer to the manufacturer's specifications or the user manual.

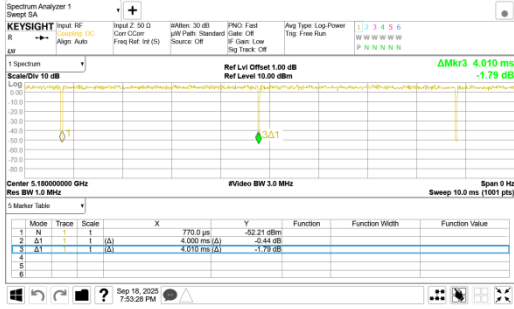
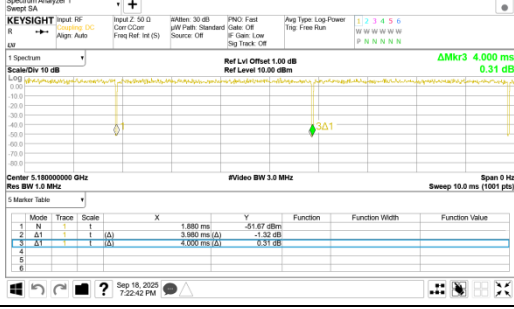
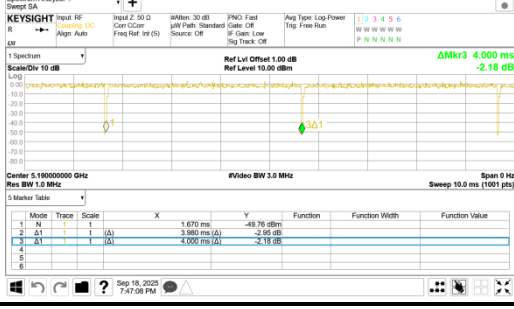
3.6.1. The EUT collocates with following worst components, which are used to establish a basic configuration of system during test:

SKU (Mode)			1
Main Board	LG, 1xZ90U MAIN		V
SUB Board	LG, 17Z90U/90UB/95U SUB B/D		V
CPU	Intel, Ultra X7 358H		V
17" LCD Panel	LG Display, LP170WQ1		V
Storage (SSD)	PHISON, 1TB		V
	Longsys, 1TB		V
Memory (RAM)	SAMSUNG, 32GB		V
Battery Pack	BYD, LB3122MN		V
Keyboard	LITE-ON, SN8D02B		V
Touch Pad	LITE-ON, SP8E02B		V
Web Camera	Luxvisions, ABG213N3A		V
WLAN Combo Card	Intel, BE211D2W		V
WLAN Combo Antenna	LG (LUXSHARE-ICT), L1LRF019-CS-H		V
Type C	AC Adapter	LG (PI ELECTRONICS), LP65WFC20P-NJ	V
	Link to LAN Gender	ARIN (10/100/1000Mbps)	V

3.7. Test Configuration

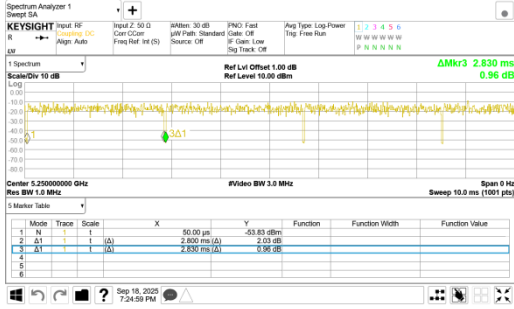
Mode	TX _{on} (ms)	TX _{on+off} (ms)	Duty Cycle (x)	Duty Cycle Factor [10log(1/x)] (dB)
802.11a	2.110	2.130	0.991	N/A
802.11n-HT20	4.000	4.010	0.998	N/A
802.11n-HT40	4.010	4.030	0.995	N/A
802.11ac-VHT20	3.980	4.000	0.995	N/A
802.11ac-VHT40	3.980	4.000	0.995	N/A
802.11ac-VHT80	3.990	4.010	0.995	N/A
802.11ac-VHT160	2.800	2.830	0.989	N/A
802.11ax-HE20	4.000	4.020	0.995	N/A
802.11ax-HE40	4.020	4.040	0.995	N/A
802.11ax-HE80	4.010	4.030	0.995	N/A
802.11ax-HE160	2.330	2.350	0.991	N/A
802.11be-EHT20	4.000	4.030	0.993	N/A
802.11be-EHT40	4.010	4.030	0.995	N/A
802.11be-EHT80	4.020	4.050	0.993	N/A
802.11be-EHT160	4.020	4.040	0.995	N/A
802.11ax-HE20 (RU Config 26)	2.620	2.640	0.992	N/A
802.11ax-HE20 (RU Config 52)	2.610	2.630	0.992	N/A
802.11ax-HE20 (RU Config 106)	2.610	2.630	0.992	N/A
802.11ax-HE40 (RU Config 242)	2.620	2.630	0.996	N/A
802.11ax-HE80 (RU Config 484)	2.620	2.630	0.996	N/A
802.11ax-HE160 (RU Config 996)	2.620	2.630	0.996	N/A
802.11be-EHT20 (RU Config 26)	2.620	2.630	0.996	N/A
802.11be-EHT20 (RU Config 52)	2.610	2.620	0.996	N/A
802.11be-EHT20 (RU Config 106)	2.620	2.640	0.992	N/A
802.11be-EHT40 (RU Config 242)	2.620	2.640	0.992	N/A
802.11be-EHT80 (RU Config 484)	2.630	2.640	0.996	N/A
802.11be-EHT160 (RU Config 996)	2.620	2.630	0.996	N/A

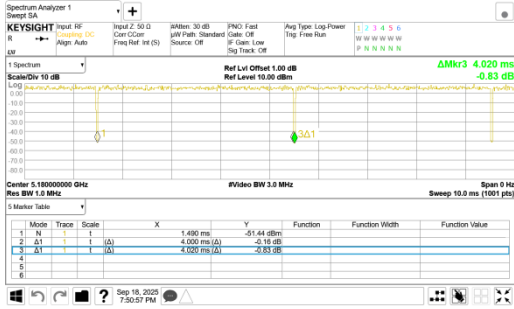
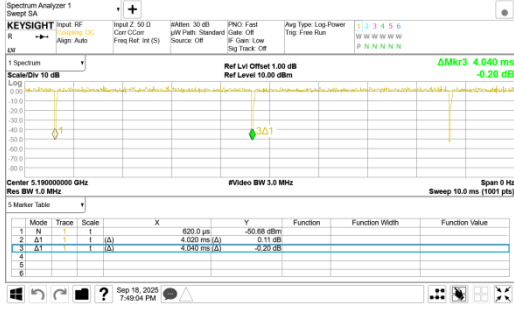
Note: When duty cycle is less than 98% (0.98) that duty cycle factor 10log(1/x) is needed to add in conducted test items measured in average detector.

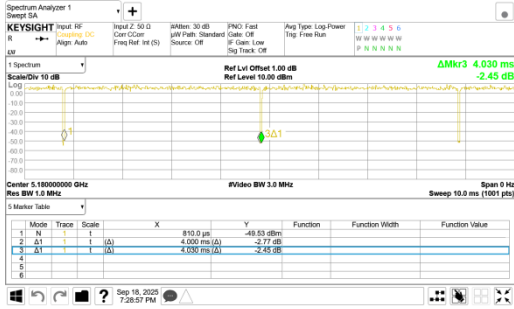
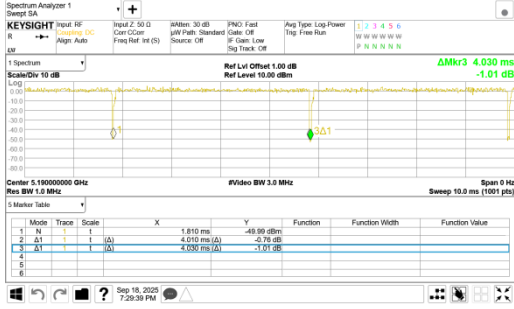
Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11a		---
802.11n-HT20		---
802.11n-HT40		---
802.11ac-VHT20		---
802.11ac-VHT40		---

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Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11ac-VHT80		---
802.11ac-VHT160		---

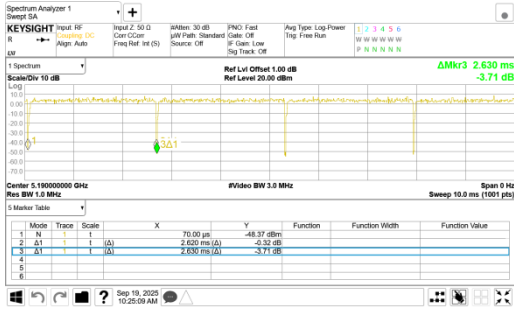
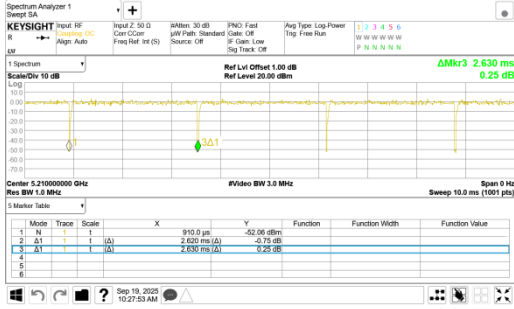
Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11ax- HE20		---
802.11ax- HE40		---
802.11ax- HE80		---
802.11ax- HE160		---

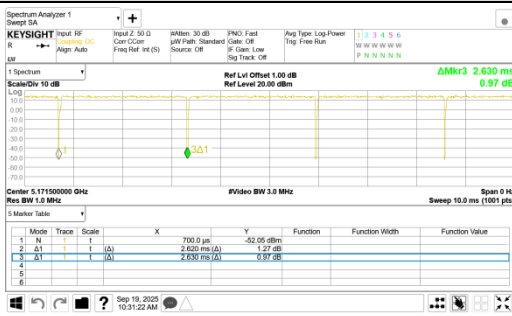
Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11be-EHT20		---
802.11be-EHT40		---
802.11be-EHT80		---
802.11be-EHT160		---

Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11ax-HE20 (RU Config 26)		---
802.11ax-HE20 (RU Config 52)		---
802.11ax-HE20 (RU Config 106)		---
802.11ax-HE40 (RU Config 242)		---

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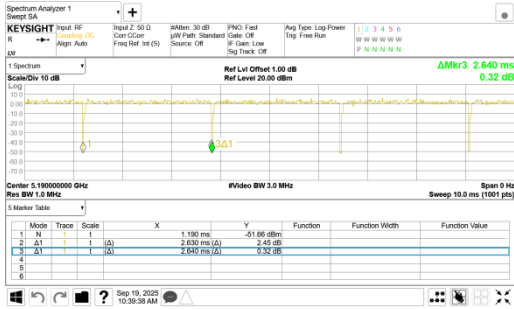
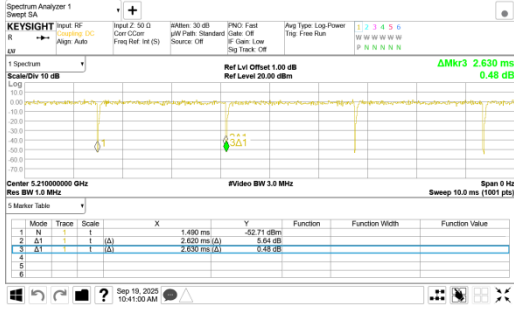
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Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11ax-HE80 (RU Config 484)		---
802.11ax-HE160 (RU Config 996)		---

Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11be-EHT20 (RU Config 26)		---
802.11be-EHT20 (RU Config 52)		---
802.11be-EHT20 (RU Config 106)		---
802.11be-EHT40 (RU Config 242)		---

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Mode	TX _{on} (ms)	T _{on} +T _{off} (ms)
802.11be- EHT80 (RU Config 484)		---
802.11be- EHT160 (RU Config 996)		---

AC Conduction
Normal operation

Item	Mode	Data Rate	Test Channel
Radiated Test Case	802.11ax-HE20	HE0	44

Item	Mode	Data Rate	Test Channel
Radiated Test Case	Radiated Band Edge Note1	802.11a	6 Mbps
		802.11n-HT20	MCS8
		802.11n-HT40	MCS8
		802.11ac-VHT80	MCS0
		802.11ac-VHT160	MCS0
		802.11ax-HE20	HE0
		802.11ax-HE40	HE0
		802.11ax-HE80	HE0
		802.11ax-HE160	HE0
		802.11be-EHT20	EHT0
		802.11be-EHT40	EHT0
		802.11be-EHT80	EHT0
		802.11be-EHT160	EHT0
	Radiated Spurious Emission Note1 & 2	802.11a	6 Mbps
		802.11n-HT20	MCS8
		802.11n-HT40	MCS8
		802.11ac-VHT80	MCS0
		802.11ac-VHT160	MCS0
		802.11ax-HE20	HE0
		802.11ax-HE40	HE0
		802.11ax-HE80	HE0
		802.11ax-HE160	HE0
		802.11be-EHT20	EHT0
		802.11be-EHT40	EHT0
		802.11be-EHT80	EHT0
		802.11be-EHT160	EHT0

Item		Mode	Data Rate	RU Configuration	Test Channel
Radiated Test Case	Radiated Band Edge Note1	802.11be-EHT20	EHT0	26/0	36/100
				52/37	
				106/53	
		802.11be-EHT20	EHT0	26/8	64/140
				52/40	
				106/54	
		802.11be-EHT40	EHT0	242/61	38
			EHT0	242/62	62/134
		802.11be-EHT80	EHT0	484/65	42/106
			EHT0	484/66	58/122
		802.11be-EHT160	EHT0	996/67	50/114
			EHT0	996/S67	50/114

Item		Mode	Data Rate	Test Channel
Conducted Test Case	Emission/Occupied Bandwidth	802.11a	6 Mbps	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11n-HT20	MCS8	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11n-HT40	MCS8	38/46/54/62/102/110/134/142/151/159/167/175
		802.11ac-VHT80	MCS0	42/58/106/122/138/155/171
		802.11ac-VHT160	MCS0	50/114/163
		802.11ax-HE20	HE0	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11ax-HE40	HE0	38/46/54/62/102/110/134/142/151/159/167/175
		802.11ax-HE80	HE0	42/58/106/122/138/155/171
		802.11ax-HE160	HE0	50/114/163
		802.11be-EHT20	EHT0	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11be-EHT40	EHT0	38/46/54/62/102/110/134/142/151/159/167/175
		802.11be-EHT80	EHT0	42/58/106/122/138/155/171
		802.11be-EHT160	EHT0	50/114/163
	Maximum output power	802.11a	6 Mbps	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11n-HT20	MCS8	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11n-HT40	MCS8	38/46/54/62/102/110/134/142/151/159/167/175
		802.11ac-VHT20	MCS8	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11ac-VHT40	MCS8	38/46/54/62/102/110/134/142/151/159/167/175
		802.11ac-VHT80	MCS0	42/58/106/122/138/155/171
		802.11ac-VHT160	MCS0	50/114/163
		802.11ax-HE20	HE0	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11ax-HE40	HE0	38/46/54/62/102/110/134/142/151/159/167/175/167/175
		802.11ax-HE80	HE0	42/58/106/122/138/155/171
		802.11ax-HE160	HE0	50/114/163
		802.11be-EHT20	EHT0	36/40/48/52/60/64/100/116/140/144/149/157/165/169/173/177
		802.11be-EHT40	EHT0	38/46/54/62/102/110/134/142/151/159/167/175
		802.11be-EHT80	EHT0	42/58/106/122/138/155/171
		802.11be-EHT160	EHT0	50/114/163

Item		Mode	Data Rate	Test Channel
Conducted Test Case	Power spectral density	802.11a	6 Mbps	36/40/48/52/60/64/100/ 116/140/144/149/157/165/169/173/ 177
		802.11n-HT20	MCS8	36/40/48/52/60/64/100/ 116/140/144/149/157/165/169/173/ 177
		802.11n-HT40	MCS8	38/46/54/62/102/110/ 134/142/151/159/167/175
		802.11ac-VHT80	MCS0	42/58/106/122/138/155/171
		802.11ac-VHT160	MCS0	50/114/163
		802.11ax-HE20	HE0	36/40/48/52/60/64/100/ 116/140/144/149/157/165/169/173 /177
		802.11ax-HE40	HE0	38/46/54/62/102/110/ 134/142/151/159/167/175
		802.11ax-HE80	HE0	42/58/106/122/138/155/171
		802.11ax-HE160	HE0	50/114/163
		802.11be-EHT20	EHT0	36/40/48/52/60/64/100/ 116/140/144/149/157/165/169/173/ 177
		802.11be-EHT40	EHT0	38/46/54/62/102/110/ 134/142/151/159/167/175
		802.11be-EHT80	EHT0	42/58/106/122/138/155/171
		802.11be-EHT160	EHT0	50/114/163

Item		Mode	Data Rate	RU Configuration	Test Channel
Conducted Test Case	Emission/ Occupied Bandwidth	802.11ax-HE20	HE0	26/0	36/100/149
				52/37	
				106/53	
		802.11ax-HE40	HE0	26/8	64/140/165
				52/40	
				106/54	
		802.11ax-HE40	HE0	242/61	38/102/151
			HE0	242/62	62/134/159
		802.11ax-HE80	HE0	484/65	42/106/155
			HE0	484/66	58/122/155
		802.11ax-HE160	HE0	996/67	50/114
			HE0	996/S67	50/114

Item		Mode	Data Rate	RU Configuration	Test Channel
Conducted Test Case	Emission/ Occupied Bandwidth	802.11be-EHT20	EHT0	26/0	36/100/149
				52/37	
				106/53	
		802.11be-EHT40	EHT0	26/8	64/140/165
				52/40	
				106/54	
		802.11be-EHT40	EHT0	242/61	38/102/151
			EHT0	242/62	62/134/159
		802.11be-EHT80	EHT0	484/65	42/106/155
			EHT0	484/66	58/122/155
		802.11be-EHT160	EHT0	996/67	50/114
			EHT0	996/S67	50/114

Item		Mode	Data Rate	RU Configuration	Test Channel
Conducted Test Case	Maximum output power	802.11ax-HE20	HE0	26/0	36/100/149
				52/37	
				106/53	
		802.11ax-HE40	HE0	26/8	64/140/165
				52/40	
				106/5	
		802.11ax-HE40	HE0	242/61	38/102/151
			HE0	242/62	62/134/159
		802.11ax-HE80	HE0	484/65	42/106/155
			HE0	484/66	58/122/155
		802.11ax-HE160	HE0	996/67	50/114
			HE0	996/S67	50/114
		802.11be-EHT20	EHT0	26/0	36/100/149
				52/37	
				106/53	
		802.11be-EHT40	EHT0	26/8	64/140/165
				52/40	
				106/5	
		802.11be-EHT40	EHT0	242/61	38/102/151
			EHT0	242/62	62/134/159
		802.11be-EHT80	EHT0	484/65	42/106/155
			EHT0	484/66	58/122/155
		802.11be-EHT160	EHT0	996/67	50/114
			EHT0	996/S67	50/114

Item		Mode	Data Rate	RU Configuration	Test Channel
Conducted Test Case	Power spectral density	802.11ax-HE20	HE0	26/0	36/100/149
				52/37	
				106/53	
			HE0	26/8	64/140/165
				52/40	
				106/54	
		802.11ax-HE40	HE0	242/61	38/102/151
			HE0	242/62	62/134/159
		802.11ax-HE80	HE0	484/65	42/106/155
			HE0	484/66	58/122/155
		802.11ax-HE160	HE0	996/67	50/114
			HE0	996/S67	50/114
		802.11be-EHT20	EHT0	26/0	36/100/149
				52/37	
				106/53	
			EHT0	26/8	64/140/165
				52/40	
				106/54	
		802.11be-EHT20	EHT0	242/61	38/102/151
			EHT0	242/62	62/134/159
		802.11be-EHT20	EHT0	484/65	42/106/155
			EHT0	484/66	58/122/155
		802.11be-EHT20	EHT0	996/67	50/114
			EHT0	996/S67	50/114

Note 1: ☐ Mobile Device ☒ Portable Device

and 3 axis were assessed. The worst scenario for Radiated Spurious Emission as follow:

☒ Lie ☐ Side ☐ Stand

Note 2: Low, mid, and high channels were measured, only the worst channel of each modulation was presented in this report.

Note 3: The modulation and bandwidth are similar for 802.11n mode for HT20/HT40 and 802.11ac mode for VHT20/VHT40, therefore investigated worst case to representative mode in the test report.

Note 4: The data rates were selected based on preliminary testing that identified rate as the worst case for output power.

3.8. Output Power Setting

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11a	1	5180	15.000	15.000
		5200	15.000	15.000
		5240	15.000	15.000
	2A	5260	15.000	15.000
		5300	15.000	15.000
		5320	15.000	15.000
	2C	5500	15.000	15.000
		5580	15.000	15.000
		5700	15.000	15.000
		5720	15.000	15.000
	3	5745	15.000	15.000
		5785	15.000	15.000
		5825	15.000	15.000
	4	5845	15.000	15.000
		5865	15.000	15.000
		5885	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power		Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main				AUX	Main
802.11n- HT20	1	5180	16.000	16.000	802.11ax- HE20	1	5180	15.000	15.000
		5200	16.000	16.000			5200	15.000	15.000
		5240	16.000	16.000			5240	15.000	15.000
	2A	5260	16.000	16.000		2A	5260	15.000	15.000
		5300	16.000	16.000			5300	15.000	15.000
		5320	16.000	16.000			5320	15.000	15.000
	2C	5500	16.000	16.000		2C	5500	15.000	15.000
		5580	16.000	16.000			5580	15.000	15.000
		5700	16.000	16.000			5700	15.000	15.000
		5720	16.000	16.000			5720	15.000	15.000
	3	5745	16.000	16.000		3	5745	15.000	15.000
		5785	16.000	16.000			5785	15.000	15.000
		5825	16.000	16.000			5825	15.000	15.000
	4	5845	15.750	15.750		4	5845	15.000	15.000
		5865	15.750	15.750			5865	15.000	15.000
		5885	15.750	15.750			5885	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power	
			AUX	Main
802.11ac-VHT20	1	5180	15.000	15.000
		5200	15.000	15.000
		5240	15.000	15.000
	2A	5260	15.000	15.000
		5300	15.000	15.000
		5320	15.000	15.000
	2C	5500	15.000	15.000
		5580	15.000	15.000
		5700	15.000	15.000
		5720	15.000	15.000
	3	5745	15.000	15.000
		5785	15.000	15.000
		5825	15.000	15.000
	4	5845	15.000	15.000
		5865	15.000	15.000
		5885	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power	
			AUX	Main
802.11be-EHT20	1	5180	15.000	15.000
		5200	15.000	15.000
		5240	15.000	15.000
	2A	5260	15.000	15.000
		5300	15.000	15.000
		5320	15.000	15.000
	2C	5500	15.000	15.000
		5580	15.000	15.000
		5700	15.000	15.000
		5720	15.000	15.000
	3	5745	15.000	15.000
		5785	15.000	15.000
		5825	15.000	15.000
	4	5845	15.000	15.000
		5865	15.000	15.000
		5885	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting		Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main				AUX	Main
802.11n-HT40	1	5190	15.000	15.000	802.11ax-HE40	1	5190	15.000	15.000
		5230	15.000	15.000			5230	15.000	15.000
	2A	5270	15.000	15.000		2A	5270	15.000	15.000
		5310	15.000	15.000			5310	15.000	15.000
	2C	5510	15.000	15.000		2C	5510	15.000	15.000
		5550	15.000	15.000			5550	15.000	15.000
		5670	15.000	15.000			5670	15.000	15.000
		5710	15.000	15.000			5710	15.000	15.000
	3	5755	15.000	15.000		3	5755	15.000	15.000
		5795	15.000	15.000			5795	15.000	15.000
	4	5835	15.000	15.000		4	5835	15.000	15.000
		5875	15.000	15.000			5875	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11ac-VHT40	1	5190	15.000	15.000
		5230	15.000	15.000
	2A	5270	15.000	15.000
		5310	15.000	15.000
	2C	5510	15.000	15.000
		5550	15.000	15.000
		5670	15.000	15.000
		5710	15.000	15.000
	3	5755	15.000	15.000
		5795	15.000	15.000
	4	5835	15.000	15.000
		5875	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11be-EHT40	1	5190	15.000	15.000
		5230	15.000	15.000
	2A	5270	15.000	15.000
		5310	15.000	15.000
	2C	5510	15.000	15.000
		5550	15.000	15.000
		5670	15.000	15.000
		5710	15.000	15.000
	3	5755	15.000	15.000
		5795	15.000	15.000
	4	5835	15.000	15.000
		5875	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting		Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main				AUX	Main
802.11ac-VT80	1	5210	15.000	15.000	802.11ax-HE80	1	5210	15.000	15.000
	2A	5290	15.000	15.000		2A	5290	15.000	15.000
	2C	5530	15.000	15.000		2C	5530	15.000	15.000
		5610	15.000	15.000			5610	15.000	15.000
		5690	15.000	15.000			5690	15.000	15.000
	3	5775	15.000	15.000		3	5775	15.000	15.000
	4	5855	15.000	15.000		4	5855	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11be-EHT80	1	5210	15.000	15.000
	2A	5290	15.000	15.000
	2C	5530	15.000	15.000
		5610	15.000	15.000
		5690	15.000	15.000
	3	5775	15.000	15.000
	4	5855	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting		Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main				AUX	Main
802.11ac-VT160	1 / 2A	5250	15.000	15.000	802.11ax-HE160	1 / 2A	5250	15.000	15.000
	2C	5570	15.000	15.000		2C	5570	15.000	15.000
	4	5815	15.000	15.000		4	5815	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11be-EHT160	1 / 2A	5250	15.000	15.000
	2C	5570	15.000	15.000
	4	5815	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Setting	
				AUX	Main
802.11ax- HE20	1	5180	26/0	9.750	9.750
			52/37	12.500	12.500
			106/53	15.000	15.000
	2A	5320	26/8	9.750	9.750
			52/40	12.500	12.500
			106/54	15.000	15.000
	2C	5500	26/0	9.750	9.750
			52/37	12.500	12.500
			106/53	15.000	15.000
		5700	26/8	9.750	9.750
			52/40	12.500	12.500
			106/54	15.000	15.000
	3	5745	26/0	15.000	15.000
			52/37	15.000	15.000
			106/53	15.000	15.000
		5825	26/8	15.000	15.000
			52/40	15.000	15.000
			106/54	15.000	15.000
802.11ax- HE40	1	5190	242/61	15.000	15.000
	2A	5310	242/62	15.000	15.000
	2C	5510	242/61	15.000	15.000
		5670	242/62	15.000	15.000
	3	5755	242/61	15.000	15.000
		5795	242/62	15.000	15.000
802.11ax- HE80	1	5210	484/65	15.000	15.000
	2A	5290	484/66	15.000	15.000
	2C	5530	484/65	15.000	15.000
		5610	484/66	15.000	15.000
	3	5775	484/65	15.000	15.000
			484/66	15.000	15.000
802.11ax- HE160	1/ 2A	5250	996/67	15.000	15.000
			996/S67	15.000	15.000
	2C	5570	996/67	15.000	15.000
			996/S67	15.000	15.000

Mode	U-NII Band	Centre Frequency (MHz)	RU Configuration	Power Setting	
				AUX	Main
802.11be-EHT20	1	5180	26/0	9.750	9.750
			52/37	12.500	12.500
			106/53	15.000	15.000
	2A	5320	26/8	9.750	9.750
			52/40	12.500	12.500
			106/54	15.000	15.000
	2C	5500	26/0	9.750	9.750
			52/37	12.500	12.500
			106/53	15.000	15.000
		5700	26/8	9.750	9.750
			52/40	12.500	12.500
			106/54	15.000	15.000
	3	5745	26/0	15.000	15.000
			52/37	15.000	15.000
			106/53	15.000	15.000
		5825	26/8	15.000	15.000
			52/40	15.000	15.000
			106/54	15.000	15.000
802.11be-EHT40	1	5190	242/61	15.000	15.000
	2A	5310	242/62	15.000	15.000
	2C	5510	242/61	15.000	15.000
		5670	242/62	15.000	15.000
	3	5755	242/61	15.000	15.000
		5795	242/62	15.000	15.000
802.11be-EHT80	1	5210	484/65	15.000	15.000
	2A	5290	484/66	15.000	15.000
	2C	5530	484/65	15.000	15.000
		5610	484/66	15.000	15.000
	3	5775	484/65	15.000	15.000
			484/66	15.000	15.000
802.11be-EHT160	1/ 2A	5250	996/67	15.000	15.000
			996/S67	15.000	15.000
	2C	5570	996/67	15.000	15.000
			996/S67	15.000	15.000

3.9. Tested Supporting System List

3.9.1. Support Peripheral Unit

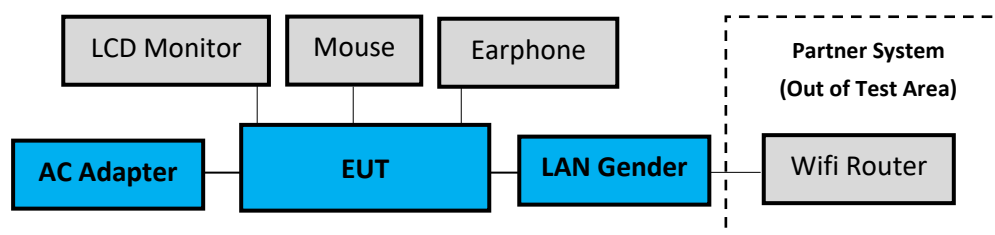
No.	Product	Brand	Model No.	Serial No.	Approval
1.	LCD Monitor	DELL	U2718Qb	CN-0M5R5F-QDC 00-99P-04CL	N/A
2.	USB Mouse	Lenovo	SM-8823	8SSM50L24506AV LC99H049R	N/A
3.	Earphone	APPLE	N/A	N/A	N/A
Partner System					
4.	WiFi Router	ASUS	RT-BE96U	RBIG6G200822ZT7	FCC ID: MSQ-RTBE6G00

3.9.2. Cable Lists

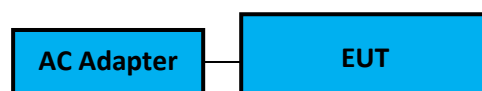
No.	Cable Description Of The Above Support Units
1.	HDMI Cable: Shielded, Detachable, 1.8m AC Power Cord: Unshielded, Detachable, 1.8m
2.	USB Cable: Unshielded, Undetachable, 1.8 m
3.	Earphone Cable: Unshielded, Undetachable, 1.2m
4.	AC adapter: M/N: ADD011, DC Power Cable: Unshielded, Detachable, 1.8m, Bonded two ferrite cores AC Power Cord: Unshielded, Detachable, 1.1m LAN cable: Unshielded, Detachable, 3.0m
5.	LAN cable: Unshielded, Detachable, 1.8m

3.10. Setup Configuration

3.10.1. EUT Configuration for Power Line & Radiated Emission



3.10.2. EUT Configuration for RF Conducted Test Items



3.11. Operating Condition of EUT

Test program “DRTU” is used for enabling EUT WLAN function under continues transmitting and choosing data rate/ channel.

[ANT AUX port (A Button in DRTU) and ANT Main port (B Button in DRTU)].

3.12. Description of Test Facility

Name of Test Firm	Audix Technology Corporation / EMC Department No. 491, Zhongfu Rd., Linkou Dist., New Taipei City 244, Taiwan Tel: +886-2-26092133 Fax: +886-2-26099303 Website : www.audixtech.com Contact e-mail: attemc_report@audixtech.com
Accreditations	The laboratory is accredited by following organizations under ISO/IEC 17025:2017 (1) NVLAP(USA) NVLAP Lab Code 200077-0 (2) TAF(Taiwan) No. 1724
Test Facilities	FCC OET Designation Number under APEC MRA by NCC is : TW1724 ISED CAB Identifier Number under APEC TEL MRA by NCC is TW1724 (1) No.8 Shielded Room (2) No.1 3m Semi Anechoic Chamber

3.13.Measurement Uncertainty

The measurement uncertainty levels have been estimated as specified in ETSI TR 100 028-2001

Test Items/Facilities			Frequency Range	Uncertainty
Conduction Test	☐	No. 7 Shielded Room	9kHz-150kHz	±3.7dB
			150kHz-30MHz	±3.4dB
	☒	No. 8 Shielded Room	9kHz-150kHz	±3.7dB
			150kHz-30MHz	±3.4dB
Radiation Test	☒	No.1 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.0dB
			200MHz-1000MHz, 3m, Horizontal	±4.0dB
			30MHz-200MHz, 3m, Vertical	±4.8dB
			200MHz-1000MHz, 3m, Vertical	±4.5dB
			1GHz-6GHz, 3m	±4.2dB
			6GHz-18GHz, 3m	±4.0dB
	☐	No.3 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.9dB
			200MHz-1000MHz, 3m, Horizontal	±3.9dB
			30MHz-200MHz, 3m, Vertical	±4.6dB
			200MHz-1000MHz, 3m, Vertical	±4.3dB
			1GHz-6GHz, 3m	±4.6dB
			6GHz-18GHz, 3m	±4.1dB
	☐	No.4 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.4dB
			200MHz-1000MHz, 3m, Horizontal	±4.2dB
			30MHz-200MHz, 3m, Vertical	±4.9dB
			200MHz-1000MHz, 3m, Vertical	±5.1dB
			1GHz-6GHz, 3m	±4.4dB
			6GHz-18GHz, 3m	±4.0dB
	☐	No.5 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.2dB
			200MHz-1000MHz, 3m, Horizontal	±4.1dB
			30MHz-200MHz, 3m, Vertical	±4.9dB
			200MHz-1000MHz, 3m, Vertical	±4.6dB
			1GHz-6GHz, 3m	±4.4dB
			6GHz-18GHz, 3m	±4.0dB
		Radiated emissions (18GHz-40GHz)		18GHz-40GHz, 3m

Remark : Uncertainty = $ku_c(y)$

Test Items	Uncertainty	
Bandwidth	99%	±0.48%
	26dB	±0.36%
Maximum output power	±0.42dB	
Power spectral density	±0.5dB	

4. MEASUREMENT EQUIPMENT LIST

4.1. Conducted Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Test Receiver	R&S	ESR3	101774	2025.01.03	1 Year
2.	FOUR-LINE V-NETWORK	R&S	ENV432	101567	2025.06.04	1 Year
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1370-9	2025.02.05	1 Year
4.	Pulse Limiter	R&S	ESH3-Z2	100354	2024.12.07	1 Year
5.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.8 S/R	2025.04.09	1 Year
6.	Coaxial Cable	Yeida	RG/58AU	CE-08	2025.09.03	1 Year
7.	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.

4.2. Radiated Emission Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Agilent	N9010A-526	MY53400071	2025.08.07	1 Year
2.	Spectrum Analyzer	Keysight	N9010B-544	MY55460198	2025.07.09	1 Year
3.	Test Receiver	R&S	ESCS30	100265	2025.06.10	1 Year
4.	Amplifier	HP	8447D	2944A06305	2024.12.16	1 Year
5.	Microwave Preamplifier	HP	8449B	3008A01284	2025.07.07	1 Year
6.	Microwave Amplifier	Keysight	83051A	MY56480113	2025.09.05	1 Year
7.	Loop antenna	Electro-Metrics	EMCI-LPA600	287	2025.07.30	1 Year
8.	Bilog Antenna	TESEQ	CBL6112D	33821	2025.02.08	1 Year
9.	Double-Ridged Waveguide Horn	EMCO	3115	9112-3775	2025.05.06	1 Year
10.	Horn Antenna	COM-POWER	AH-840	101092	2025.01.09	1 Year
11.	5G Notch Filter	Microwave Circuits	N0452502	459775	2025.04.09	1 Year
12.	5G Notch Filter	Microwave Circuits	N0555983	504921	2025.04.09	1 Year
13.	5G Notch Filter	Microwave Circuits	N0257881	459776	2025.04.09	1 Year
14.	Coaxial Cable	MIYAZAKI	5D2W	RE-11	2025.01.03	1 Year
15.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 106	RE-14	2025.01.03	1 Year
16.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 102	RE-30	2025.08.19	1 Year
17.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.1 3m A/C	2025.04.09	1 Year
18.	Test Software	Audix	e3	V9 18621a	N.C.R.	N.C.R.

4.3. RF Conducted Measurement

Item	Type	Manufacturer	Model No.	Serial No.	Cal. Date	Cal. Interval
1.	Spectrum Analyzer	Keysight	N9030B	MY61330403	2024.12.18	1 Year
2.	Power Meter	Anritsu	ML2495A	2127005	2024.11.19	1 Year
3.	Power Meter	Anritsu	ML2495A	2127004	2024.11.30	1 Year
4.	Power Sensor	Anritsu	MA2411B	1911360	2024.11.30	1 Year
5.	Power Sensor	Anritsu	MA2411B	1911356	2024.11.19	1 Year
6.	Digital Thermo-Hygro Meter	iMax	HTC-1	RF-03	2025.04.09	1 Year

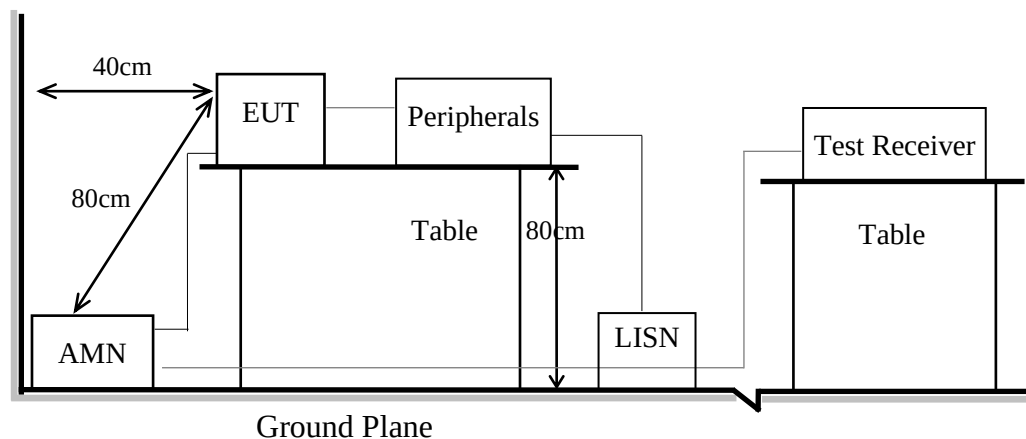
5. CONDUCTED EMISSION

5.1. Block Diagram of Test Setup

5.1.1. Block Diagram of EUT

Indicated as section 3.10

5.1.2. Shielded Room Setup Diagram



5.2. Conducted Emission Limit

Frequency	Conducted Limit	
	Quasi-Peak Level	Average Level
150kHz ~ 500kHz	66 ~ 56 dB μ V	56 ~ 46 dB μ V
500kHz ~ 5MHz	56 dB μ V	46 dB μ V
5MHz ~ 30MHz	60 dB μ V	50 dB μ V

Remark1.: If the average limit is met when using a Quasi-Peak detector, the measurement using the average detector is not required.

2.: The lower limit applies to the band edges.

5.3. Test Procedure

- 5.3.1. To set up the EUT as indicated in ANSI C63.10. The EUT was placed on the table which has 80 cm height to the ground and 40 cm distance to the conducting wall.
- 5.3.2. Power supplier of the EUT was connected to the AC mains through an Artificial Mains Network (A.M.N.).
- 5.3.3. The AC power supplies to all peripheral devices must be provided through line impedance stabilization network (L.I.S.N.)
- 5.3.4. Checking frequency range from 150kHz to 30 MHz and record the emission which does not have 20 dB below limit.

5.4. Test Results

Please refer to Appendix A.

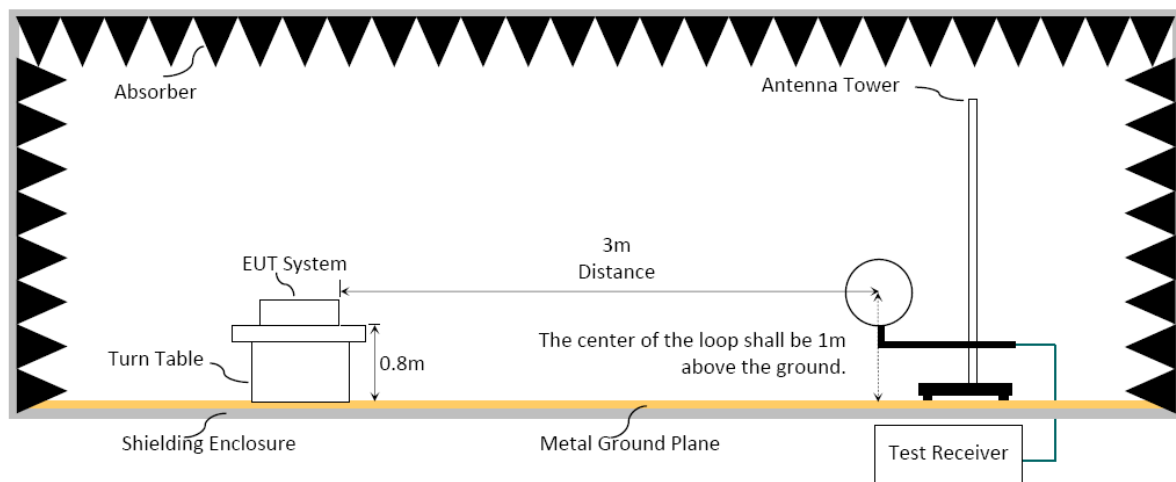
6. RADIATED EMISSION

6.1. Block Diagram of Test Setup

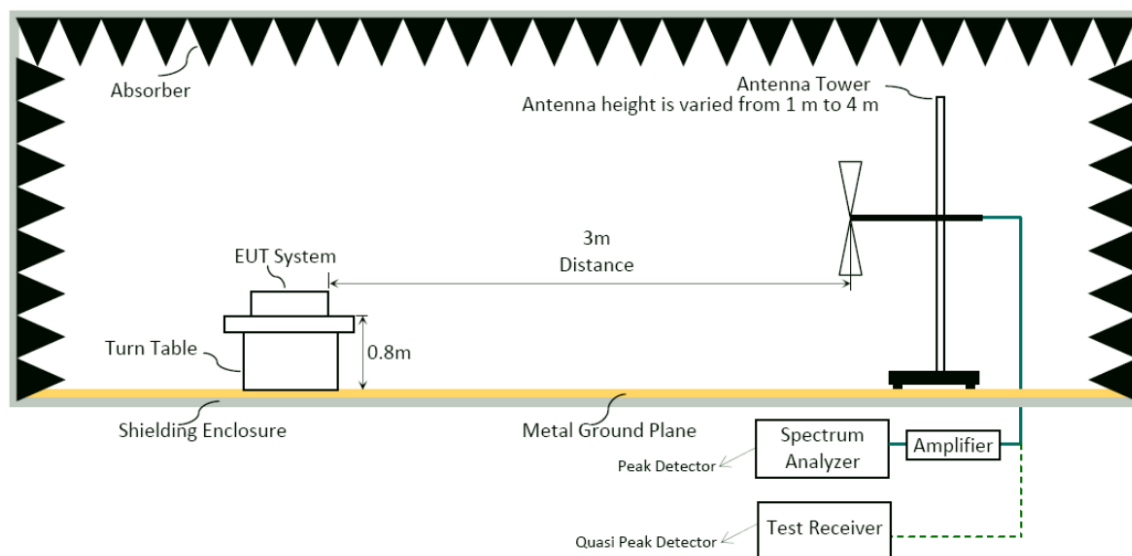
6.1.1. Block Diagram of EUT

Indicated as section 3.10

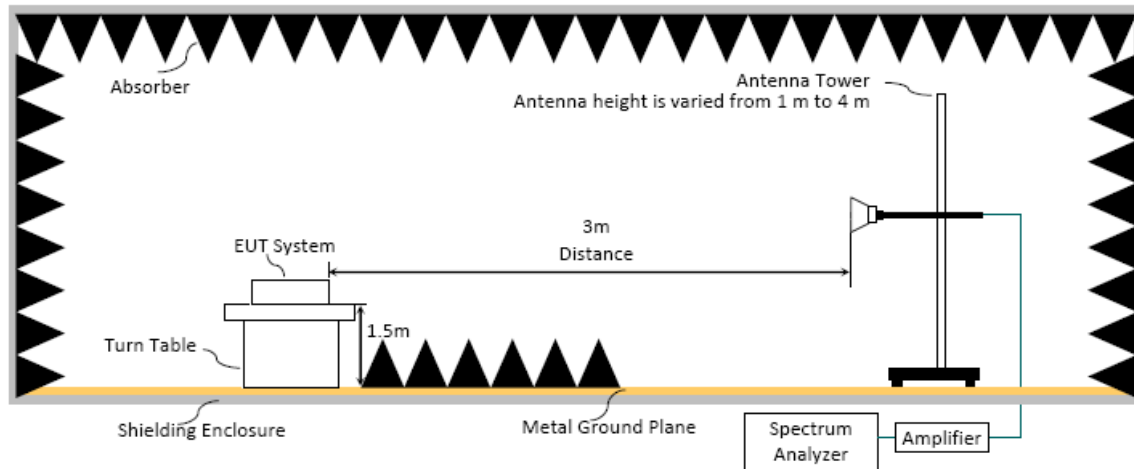
6.1.2. Setup Diagram for 9kHz-30MHz



6.1.3. Setup Diagram for 30-1000MHz



6.1.4. Setup Diagram for above 1GHz



6.2. Radiated Emission Limits

Radiated emissions fall in restricted bands, as defined in Section 15.205 must be in compliance with the radiated emission limits specified in 15.209 as below.

6.2.1. General Limit

Frequency (MHz)	Distance(m)	Limits	
		dB μ V/m	μ V/m
0.009 - 0.490	300	67.6-20 log f(kHz)	2400/f kHz
0.490 - 1.705	30	87.6-20 log f(kHz)	24000/f kHz
1.705 - 30	30	29.5	30
30 - 88	3	40.0	100
88- 216	3	43.5	150
216- 960	3	46.0	200
Above 960	3	54.0	500
Above 1000	3	74.0 dB μ V/m (Peak) 54.0 dB μ V/m (Average)	

Remark : (1) dB μ V/m = 20 log (μ V/m)

(2) The tighter limit applies to the edge between two frequency bands.

(3) Distance refers to the distance in meters between the measuring instrument antenna and the closed point of any part of the device or system.

(4) Fundamental and emission fall within operation band are exempted from this section.

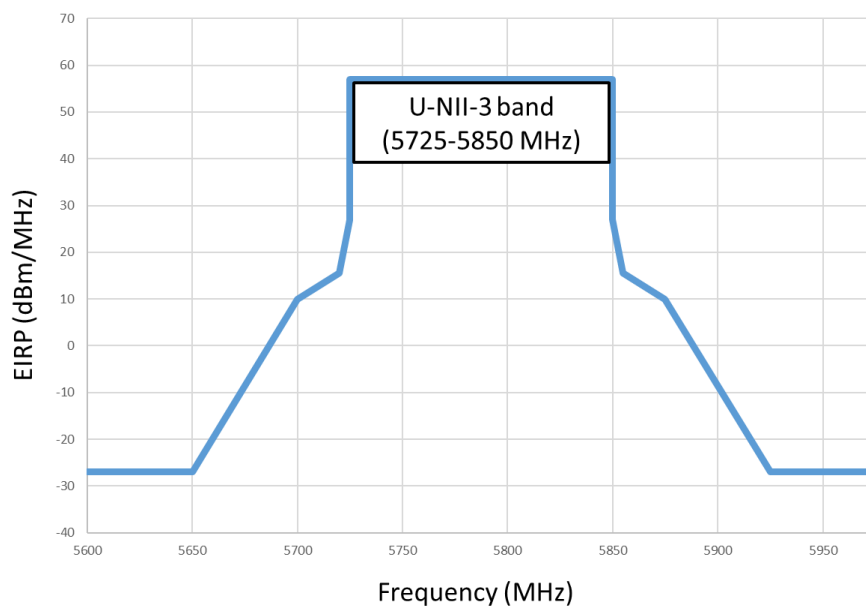
(5) Pursuant to ANSI C63.10: 6.6.4.3, if the maximized peak measured value complies with the average limit, then it is unnecessary to perform an average measurement.

6.2.2. Limit for non-restricted frequency above 1 GHz

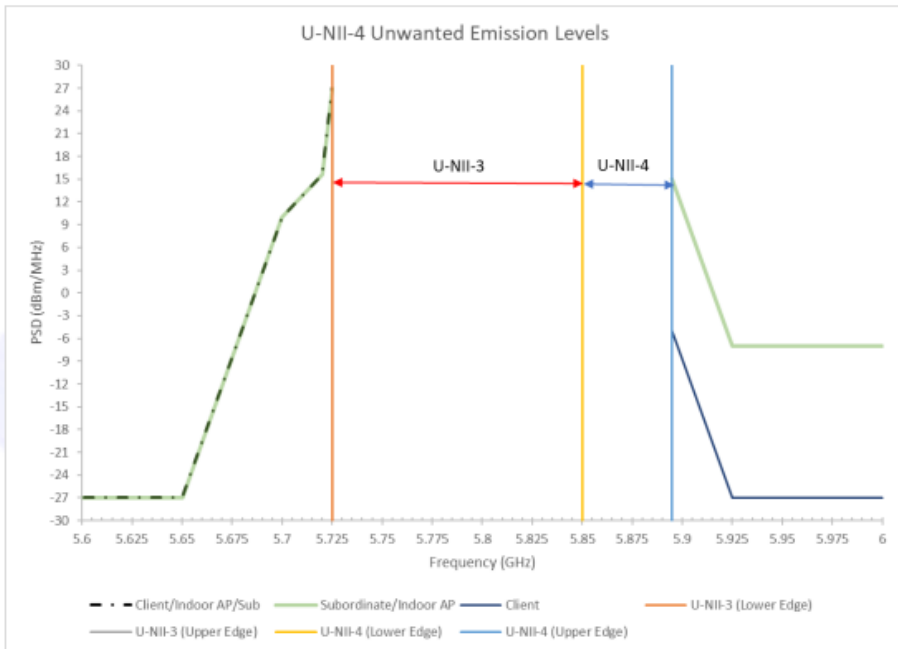
Frequency Band (MHz)	E.I.R.P. Limit	Field Strength Limit at 3 m
5150 to 5250	-27 dBm	68.2 dB μ V/m
5250 to 5350		68.2 dB μ V/m
5470 to 5725		68.2 dB μ V/m

Note: Field Strength at 3 m = E.I.R.P. + 95.2 dB

Frequency Band (MHz)	Field Strength Limit at 3 m	
5725 to 5850	☒	15.407(b)(4)(i) All emissions shall be limited to a level of 68.2 dB μ V/m at 75 MHz or more above or below the band edge increasing linearly to 105.2 dB μ V/m 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 110.8 dB μ V/m 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 122.2 dB μ V/m at the band edge.
	☐	15.407(b)(4)(ii), compliance with the emission limits in § 15.247(d) Shall be at least 30dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power,. Attenuation below the general limits specified in §15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in §15.205(a), must also comply with the radiated emission limits specified in §15.209(a) (see §15.205(c))



Frequency Band (MHz)	Field Strength Limit at 3 m	
5850 to 5895	☐	15.407(b)(5)(i) For an indoor access point or subordinate device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of 15 dBm/MHz and shall decrease linearly to an e.i.r.p. of -7 dBm/MHz at or above 5.925 GHz.
	☒	15.407(b)(5)(ii) , For a client device, all emissions at or above 5.895 GHz shall not exceed an e.i.r.p. of -5 dBm/MHz and shall decrease linearly to an e.i.r.p. of -27 dBm/MHz at or above 5.925 GHz.
	☒	15.407(b)(5)(iii) , For a client device or indoor access point or subordinate device, all emissions below 5.725 GHz shall not exceed an e.i.r.p. of -27 dBm/MHz at 5.65 GHz increasing linearly to 10 dBm/MHz at 5.7 GHz, and from 5.7 GHz increasing linearly to a level of 15.6 dBm/MHz at 5.72 GHz, and from 5.72 GHz increasing linearly to a level of 27 dBm/MHz at 5.725 GHz.



The graph, titled "U-NII-4 Unwanted Emission Levels", plots Power Spectral Density (PSD) in dBm/MHz on the y-axis (ranging from -30 to 30) against Frequency in GHz on the x-axis (ranging from 5.6 to 6.0). It shows the emission profiles for different device types and the upper and lower edges of the U-NII-3 and U-NII-4 frequency bands. The legend indicates: Client/Indoor AP/Sub (dashed black line), Subordinate/Indoor AP (green line), Client (blue line), U-NII-3 (Upper Edge) (grey line), U-NII-4 (Lower Edge) (yellow line), and U-NII-4 (Upper Edge) (blue line). The graph shows that the Client/Indoor AP/Sub and Subordinate/Indoor AP emissions are highest, peaking at 27 dBm/MHz at 5.725 GHz. The Client emission is lower, peaking at 15.6 dBm/MHz at 5.72 GHz. The U-NII-3 and U-NII-4 bands are shown as vertical lines, with U-NII-3 spanning from 5.725 GHz to 5.85 GHz and U-NII-4 spanning from 5.85 GHz to 5.925 GHz. The U-NII-4 (Upper Edge) is shown as a blue line that decreases linearly from 15.6 dBm/MHz at 5.72 GHz to -27 dBm/MHz at 5.925 GHz.

6.3. Test Procedure

Frequency Range 9kHz~30MHz:

The EUT setup on the turntable which has 0.8 m height to the ground. The turn table rotated 360 degrees and antenna fixed to 1 m to find the maximum emission level. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2020 regulation.

- (1) RBW = 9kHz with peak and average detector.
- (2) Detector: average and peak (9kHz-490kHz)
Q.P. (490kHz-30MHz)

Frequency Range 30MHz ~ 40GHz:

The EUT setup on the turn table which has 80cm (for 30-1000MHz) and 1.5m (for above 1GHz) height to the ground. The turn table rotated 360 degrees and antenna varied from 1 m to 4 m to find the maximum emission level. Both horizontal and vertical polarization are required. In order to find the maximum emission, all of the interface cables were manipulated according to ANSI C63.10-2020 regulation.

Frequency below 1GHz:

Spectrum Analyzer is used for pre-testing with following setting:

- (1) RBW = 120kHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.

Note 1: When peak-detected value is lower than limit that the measurement using the Q.P. detector is not required, otherwise using Q.P. for final measurement.

Note 2: When the radiated emissions limits are expressed in terms of the average value of the emissions, and pulsed operation is employed, the measurement field strength shall be determined by averaging over one complete pulse train, including blanking intervals, as long as the pulse train does not exceed 0.1 seconds.

Frequency above 1GHz to 10th harmonic(up to 40 GHz):

Peak Detector:

- (1) RBW = 1MHz
- (2) VBW $\geq 3 \times$ RBW.
- (3) Detector = Peak.
- (4) Sweep time = auto.
- (5) Trace mode = max hold.
- (6) Allow sweeps to continue until the trace stabilizes.

Note: When peak-detected value is lower than limit that the measurement using the average detector is not required, otherwise using average detector for final measurement.

Average Detector:**■ Option 1:**

- (1) RBW = 1MHz
- (2) VBW $\geq 1/T$. (Duty Cycle < 98%, when duty cycle presented in section 3.7)
- (3) VBW = set VBW $\leq$ RBW / 100, but not less than 10Hz (Duty Cycle $\geq$ 98%, when duty cycle presented in section 3.7)

Mode	VBW Setting
802.11a	10Hz
802.11n-HT20	10Hz
802.11n-HT40	10Hz
802.11ac-VHT20	10Hz
802.11ac-VHT40	10Hz
802.11ac-VHT80	10Hz
802.11ac-VHT160	10Hz
802.11ax-HE20	10Hz
802.11ax-HE40	10Hz
802.11ax-HE80	10Hz
802.11ax-HE160	10Hz
802.11be-EHT20	10Hz
802.11be-EHT40	10Hz
802.11be-EHT80	10Hz
802.11be-EHT160	10Hz
802.11ax-HE20 (RU Config 26)	10Hz
802.11ax-HE20 (RU Config 52)	10Hz
802.11ax-HE20 (RU Config 106)	10Hz
802.11ax-HE40 (RU Config 242)	10Hz
802.11ax-HE80 (RU Config 484)	10Hz
802.11ax-HE160 (RU Config 996)	10Hz
802.11be-EHT20 (RU Config 26)	10Hz
802.11be-EHT20 (RU Config 52)	10Hz
802.11be-EHT20 (RU Config 106)	10Hz
802.11be-EHT40 (RU Config 242)	10Hz
802.11be-EHT80 (RU Config 484)	10Hz
802.11be-EHT160 (RU Config 996)	10Hz

- (4) Detector = Peak.
- (5) Sweep time = auto.
- (6) Trace mode = max hold.
- (7) Allow sweeps to continue until the trace stabilizes.

□ Option 2:

Average Emission Level(dB μ V/m)= Peak Emission Level(dB μ V/m)+ DCCF(dB).

6.4. Measurement Result Explanation

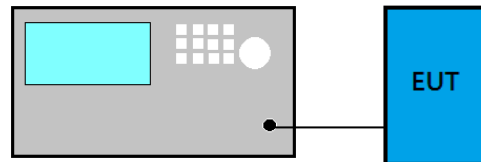
- Peak Emission Level(dBμV/m)=Antenna Factor(dB/m) + Cable Loss (dB)– Preamp Gain (dB)+ Reading(dBμV).
- Average Emission Level(dBμV/m)= Antenna Factor(dB/m) + Cable Loss (dB)– Preamp Gain (dB)+ Reading(dBμV).
- ☐ Average Emission Level(dBμV/m)= Peak Emission Level(dBμV/m)+ DCCF(dB)
Duty Cycle Correction Factor (DCCF)(dB)= $20\log(TX_{on}/TX_{on+off})$ presented in section 3.7.
- ☐ ERP(dBm)= Peak Emission Level(dBμV/m) -95.2dB-2.14dB

6.5. Test Results

Please refer to Appendix A.

7. EMISSION/OCCUPIED BANDWIDTH

7.1. Block Diagram of Test Setup



7.2. Specification Limits

Frequency Band (MHz)	Limit
5150 to 5250	Reference only
5250 to 5350	
5470 to 5725	
5725 to 5895	$\geq 500\text{kHz}$

7.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v02r01:

For Emission Bandwidth

- Applicable to all bands except to 5725 MHz- 5895 MHz
 - (1) Set RBW = 1% of the emission bandwidth
 - (2) Set VBW > RBW
 - (3) Detector = Peak
 - (4) Trace mode = max hold
 - (5) Setting channel bandwidth function x dB to -26 dB to record the final bandwidth.
- Minimum Emission Bandwidth for the band 5725 MHz –5895 MHz.
 - (1) Set RBW = 100 kHz.
 - (2) Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
 - (3) Detector = Peak.
 - (4) Trace mode = max hold.
 - (5) Sweep = auto couple.
 - (6) Allow the trace to stabilize.
 - (7) Setting channel bandwidth function x dB to -6 dB to record the final bandwidth.

For 99% Occupied Bandwidth

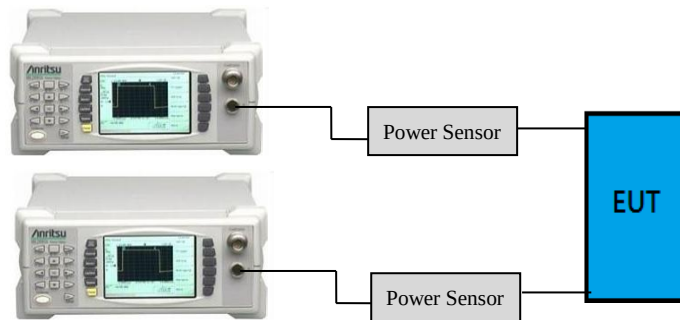
- (1) Set Span range 1.5~5 times the OBW
- (2) Set RBW close to 1% to 5% of OBW.
- (3) Set $VBW \geq 3 \times RBW$.
- (4) Detector = Peak.
- (5) Trace mode = Max hold
- (6) Sweep = Auto couple.
- (7) Allow the trace to stabilize.

7.4. Test Results

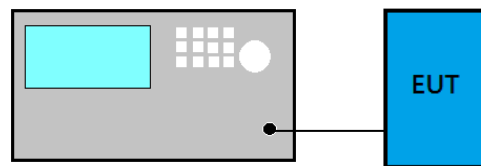
Please refer to Appendix A

8. MAXIMUM OUTPUT POWER

8.1. Block Diagram of Test Setup



- For 802.11ac-VHT80/160, 802.11ax-HE80/160, 802.11be-EHT80/160 modes only



8.2. Specification Limits

Frequency Band (MHz)	Category	Limit
5150 to 5250	Outdoor Access Point	1 W(30 dBm)/ Max e.i.r.p. ≤ 125 mW(21 dBm) at any elevation angle above 30 degrees as measured from the horizon
	Fixed point-to-point Access Point	1 W(30 dBm)
	Indoor Access Point	1 W(30 dBm)
	Mobile and Portable client device	250 mW(24 dBm)
5250 to 5350	N/A	250 mW or 11 dBm + 10 log B ^{Note1}
5470 to 5725		250 mW or 11 dBm + 10 log B ^{Note1}
5725 to 5850	N/A	1 W(30 dBm)
5850 to 5895	indoor access point	4 W (36 dBm) (e.i.r.p.)
	client devices	1 W (30 dBm) (e.i.r.p.)
	subordinate device	4 W (36 dBm) (e.i.r.p.)

Note 1: B is the 26 dB emission bandwidth, which presented in section 7 and appendix A.1.

8.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v02r01:

■ **Method AVGPM (Measurement using an RF average power meter):**

EUT is connected to power sensor and record the maximum average output power and duty cycle factor is added when duty cycle presented in section 3.7 is < 98%.

■ **Method AVGSA-2 (Spectrum channel power) for 802.11ac-VHT80/160, 802.11ax-HE80/160, 802.11be-EHT80/160 modes only**

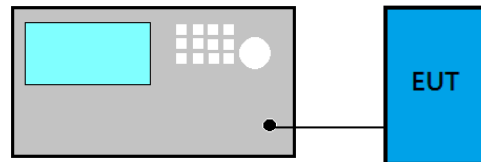
- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 MHz
- (3) Set the video bandwidth (VBW) ≥ 3 MHz.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Compute power by integrating the spectrum across the OBW of the signal using the instrument's band power measurement function with band limits set equal to the OBW band edges.
- (8) Duty cycle factor is added when duty cycle presented in section 3.7 is < 98%.

8.4. Test Results

Please refer to Appendix A

9. POWER SPECTRAL DENSITY

9.1. Block Diagram of Test Setup



9.2. Specification Limits

Frequency Band (MHz)	Category	Limit
5150 to 5250	Outdoor Access Point	17dBm/MHz
	Fixed point-to-point Access Point	
	Indoor Access Point	
	Mobile and Portable client device	11 dBm/MHz
5250 to 5350	N/A	11 dBm/MHz
5470 to 5725		11 dBm/MHz
5725 to 5850		30 dBm/500kHz
5850 to 5895	indoor access point	20dBm/MHz(e.i.r.p.)
	client devices	14dBm/MHz(e.i.r.p.)
	subordinate device	20dBm/MHz(e.i.r.p.)

9.3. Test Procedure

Following measurement procedure is reference to KDB 789033 D02 General UNII Test Procedures New Rules v02r01:

■ Method AVGSA-2

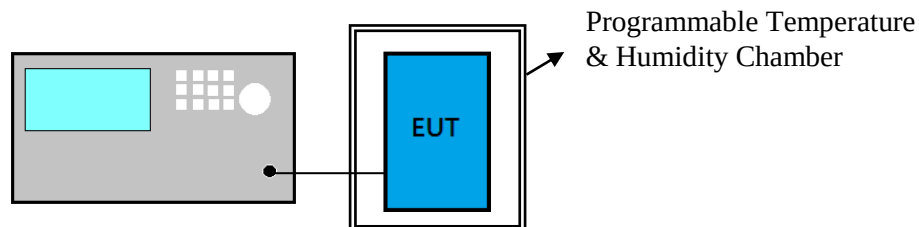
- (1) Set span to encompass the EBW (or 99% OBW) of the signal.
- (2) Set RBW = 1 MHz (Applicable to all bands except to 5725 MHz- 5850 MHz)/
Set RBW=100 KHz(when EUT operate at 5725 MHz- 5850 MHz)
- (3) Set the video bandwidth (VBW) ≥ 3 RBW.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Use peak search function to find out the maximum power density.
- (8) Duty cycle factor is added when duty cycle presented in section 3.7 is $< 98\%$.
- (9) Offset BWCF (7dB) when EUT operate at 5725 MHz – 5850 MHz.

9.4. Test Results

Please refer to Appendix A

10. FREQUENCY STABILITY

10.1. Block Diagram of Test Setup



10.2. Specification Limits

NONE

10.3. Test Procedure

- (1) Frequency: Test frequency.
- (2) Span: enough to cover the complete power envelope
- (3) RBW: 1MHz(modulation ON) ; 10KHz(CW)
- (4) VBW: 1MHz(modulation ON) ; 10KHz(CW)
- (5) Detector Mode: Positive Peak
- (6) Indication mode: Max hold
- (7) Find the peak frequency and take calculate by the formula:
(Measurement Value-declaration frequency)/ declaration frequency)

10.4. Test Results

Please refer to Appendix A



11.DEVIATION TO TEST SPECIFICATIONS

【NONE】



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APPENDIX A

TEST DATA AND PLOTS

(Model: 17Z90U)

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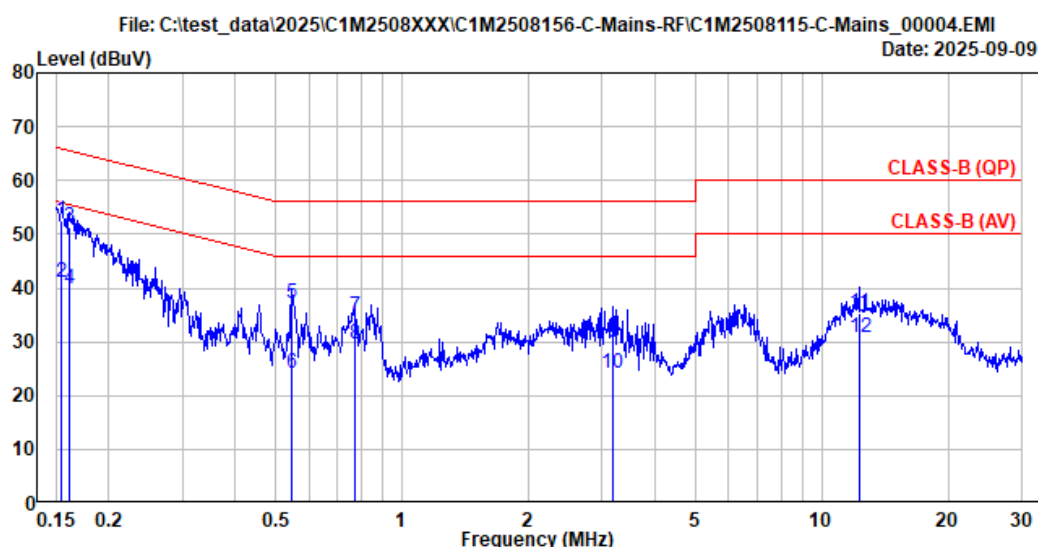
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A.1 CONDUCTED EMISSION

Test Date	2025/09/09	Temp./Hum.	25°C/52%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Nick Du



Site No.	: No.8 Shielded Room	Data No.	: 4
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 25°C/52%	Test Rating	: 120Vac/60Hz
EUT Model	: 17290U	Engineer	: Nick Du
Test Mode	: Operating		

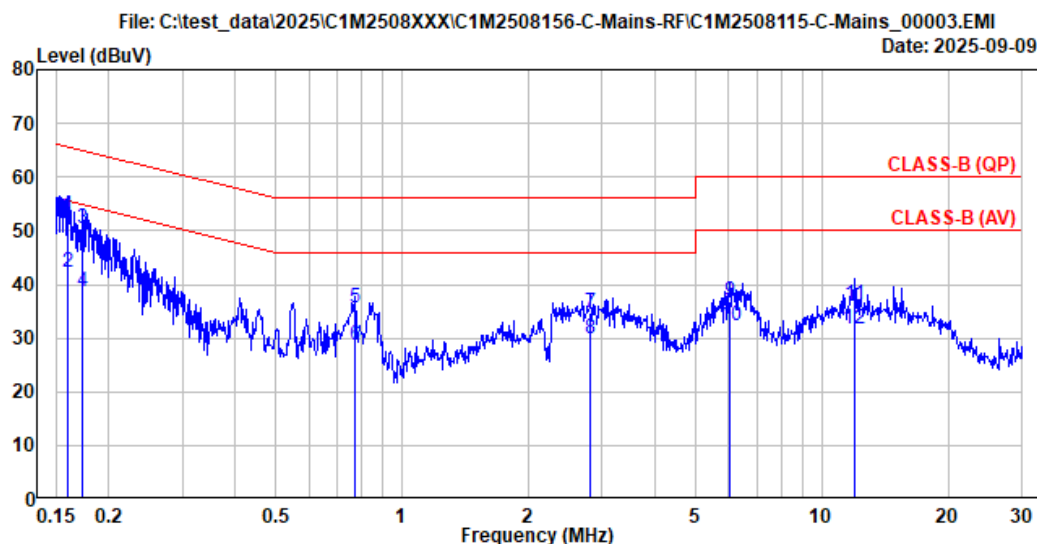
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.154	10.32	0.03	9.85	32.37	52.57	65.79	13.22	QP
2	0.154	10.32	0.03	9.85	20.92	41.12	55.79	14.67	Average
3	0.161	10.32	0.03	9.85	31.08	51.28	65.42	14.14	QP
4	0.161	10.32	0.03	9.85	19.60	39.80	55.42	15.62	Average
5	0.548	10.31	0.03	9.85	16.88	37.07	56.00	18.93	QP
6	0.548	10.31	0.03	9.85	3.92	24.11	46.00	21.89	Average
7	0.769	10.31	0.04	9.85	14.56	34.76	56.00	21.24	QP
8	0.769	10.31	0.04	9.85	9.34	29.54	46.00	16.46	Average
9	3.169	10.37	0.07	9.86	9.70	30.00	56.00	26.00	QP
10	3.169	10.37	0.07	9.86	3.76	24.06	46.00	21.94	Average
11	12.293	10.72	0.15	9.90	14.58	35.35	60.00	24.65	QP
12	12.293	10.72	0.15	9.90	10.07	30.84	50.00	19.16	Average

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

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Test Date	2025/09/09	Temp./Hum.	25°C/52%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Nick Du



Site No.	: No.8 Shielded Room	Data No.	: 3
Instrument 1	: Receiver ESR(774)		
Instrument 2	: ENV432 (567)(A) CE-08 ESH3-Z2 (354)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 25°C/52%	Test Rating	: 120Vac/60Hz
EUT Model	: 17Z90U	Engineer	: Nick Du
Test Mode	: Operating		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.159	10.34	0.03	9.85	32.75	52.97	65.50	12.53	QP
2	0.159	10.34	0.03	9.85	21.96	42.18	55.50	13.32	Average
3	0.172	10.34	0.03	9.85	30.22	50.44	64.84	14.40	QP
4	0.172	10.34	0.03	9.85	18.53	38.75	54.84	16.09	Average
5	0.769	10.33	0.04	9.85	15.43	35.65	56.00	20.35	QP
6	0.769	10.33	0.04	9.85	8.51	28.73	46.00	17.27	Average
7	2.811	10.35	0.07	9.86	14.42	34.70	56.00	21.30	QP
8	2.811	10.35	0.07	9.86	9.71	29.99	46.00	16.01	Average
9	6.027	10.44	0.10	9.87	16.37	36.78	60.00	23.22	QP
10	6.027	10.44	0.10	9.87	11.93	32.34	50.00	17.66	Average
11	11.931	10.56	0.15	9.90	15.76	36.37	60.00	23.63	QP
12	11.931	10.56	0.15	9.90	11.09	31.70	50.00	18.30	Average

Remarks: 1. Emission Level(dBμV)= AMN Factor(dB) + Cable Loss(dB) + Pulse Att.(dB) + Reading(dBμV).

A.2 RADIATED EMISSION

Test Date	2025/09/01 ~ 06	Temp./Hum.	23 ~ 24°C/47 ~ 56%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Martin Chen

A.2.1 Emissions within Restricted Frequency Bands

A.2.1.1 Frequency 9kHz~30MHz

The emissions (9kHz~30MHz) not reported for there is no emission be found.

A.2.1.2 Frequency Below 1GHz

Mode	802.11ax-HE20	U-NII Band	U-NII Band 1
		Frequency	TX 5200MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
35.000	21.48	1.48	26.46	29.28	25.77	40.00	14.23	Peak
142.500	17.03	3.11	26.02	39.26	33.37	43.50	10.13	Peak
275.500	18.85	4.45	25.64	37.75	35.41	46.00	10.59	Peak
363.000	20.68	5.59	26.14	33.04	33.17	46.00	12.83	Peak
920.000	26.56	8.94	26.94	27.77	36.33	46.00	9.67	Peak
984.000	27.01	9.29	26.75	27.39	36.95	54.00	17.05	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
35.500	21.18	1.49	26.46	35.56	31.78	40.00	8.22	Peak
142.000	17.07	3.10	26.03	41.87	36.01	43.50	7.49	Peak
207.000	15.69	3.75	25.77	42.11	35.77	43.50	7.73	Peak
285.000	18.99	4.54	25.62	45.10	43.00	46.00	3.00	Peak
482.500	22.86	6.80	26.97	39.49	42.17	46.00	3.83	Peak
974.000	26.94	9.24	26.78	28.20	37.60	54.00	16.40	Peak

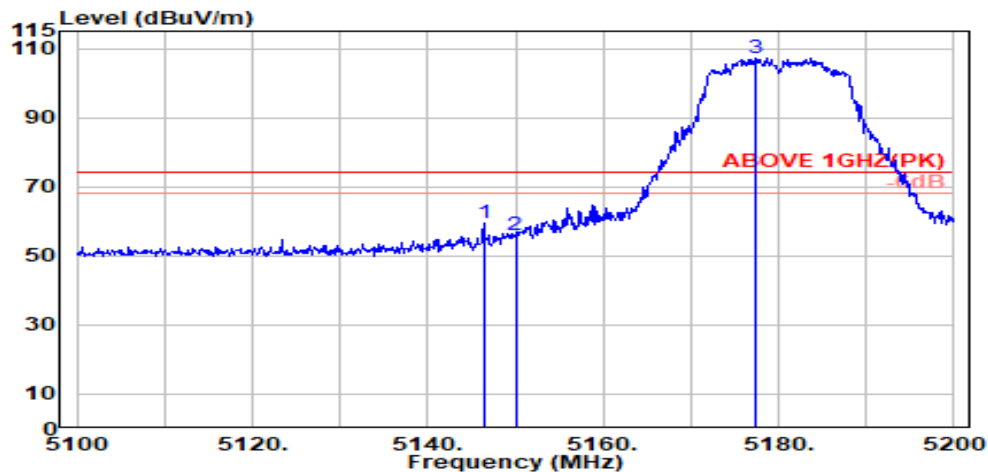
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A.2.1.3 Frequency Above 1 GHz to 10th harmonics

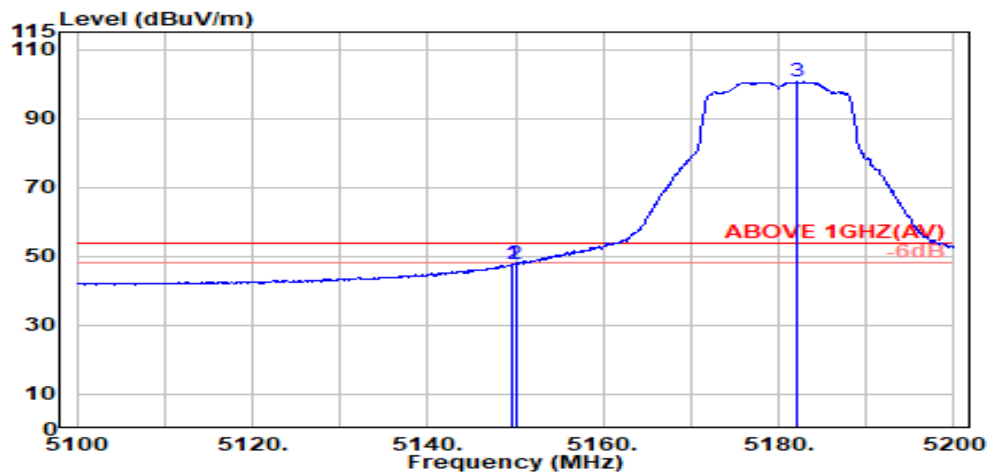
Band Edge:

Mode	802.11a	U-NII Band	U-NII Band 1
		Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.400	33.59	8.32	39.09	56.42	59.25	74.00	14.75	Peak
5150.000	33.60	8.33	39.09	53.33	56.17	74.00	17.83	Peak
@ 5177.400	33.60	8.36	39.09	104.45	107.31	---	---	Peak



Antenna at Horizontal Polarization

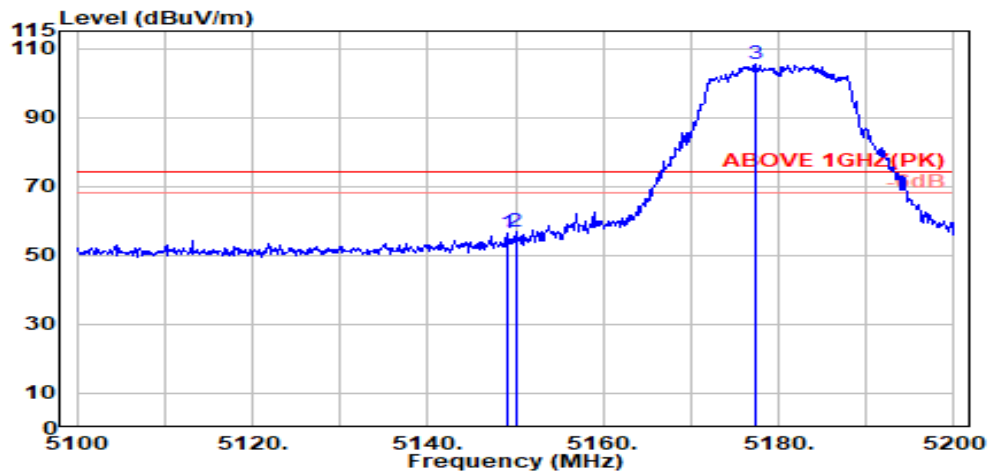
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.600	33.60	8.33	39.09	44.83	47.67	54.00	6.33	Average
5150.000	33.60	8.33	39.09	44.77	47.61	54.00	6.39	Average
@ 5182.200	33.60	8.36	39.09	97.77	100.64	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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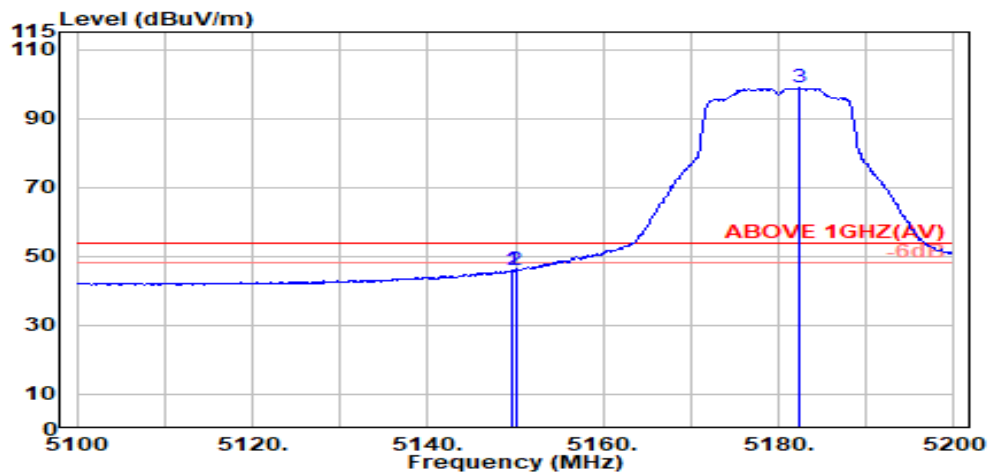
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Mode	802.11a	U-NII Band	U-NII Band 1
		Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.000	33.60	8.33	39.09	53.63	56.47	74.00	17.53	Peak
5150.000	33.60	8.33	39.09	53.87	56.71	74.00	17.29	Peak
@ 5177.300	33.60	8.36	39.09	102.41	105.28	---	---	Peak



Antenna at Vertical Polarization

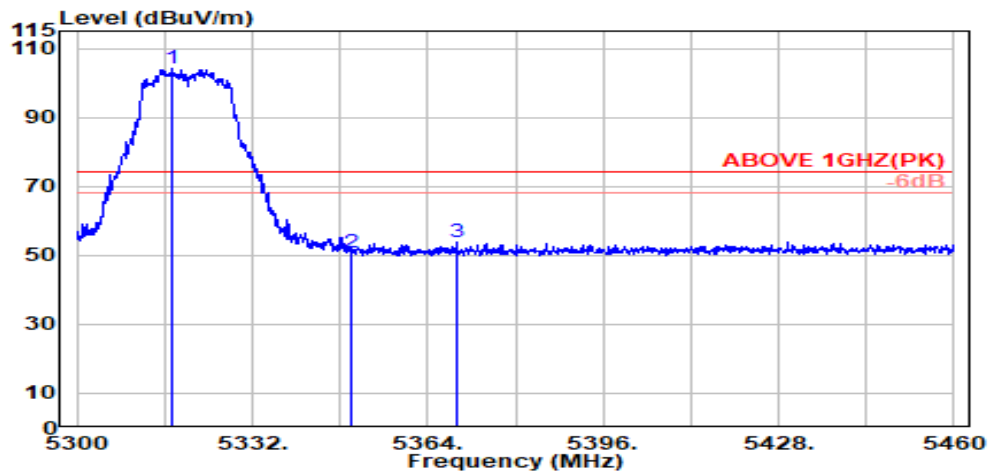
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.600	33.60	8.33	39.09	43.11	45.95	54.00	8.05	Average
5150.000	33.60	8.33	39.09	43.25	46.08	54.00	7.92	Average
@ 5182.400	33.60	8.36	39.09	95.85	98.73	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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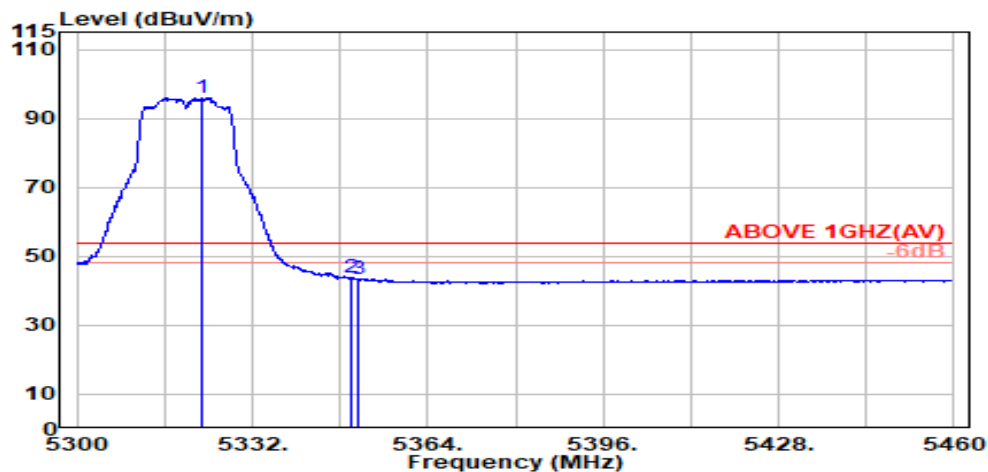
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Mode	802.11a	U-NII Band	U-NII Band 2A
		Frequency	TX 5320MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5317.400	33.63	8.51	39.08	101.08	104.14	---	---	Peak
5350.000	33.70	8.54	39.08	47.62	50.79	74.00	23.21	Peak
5369.300	33.82	8.56	39.08	50.49	53.80	74.00	20.20	Peak

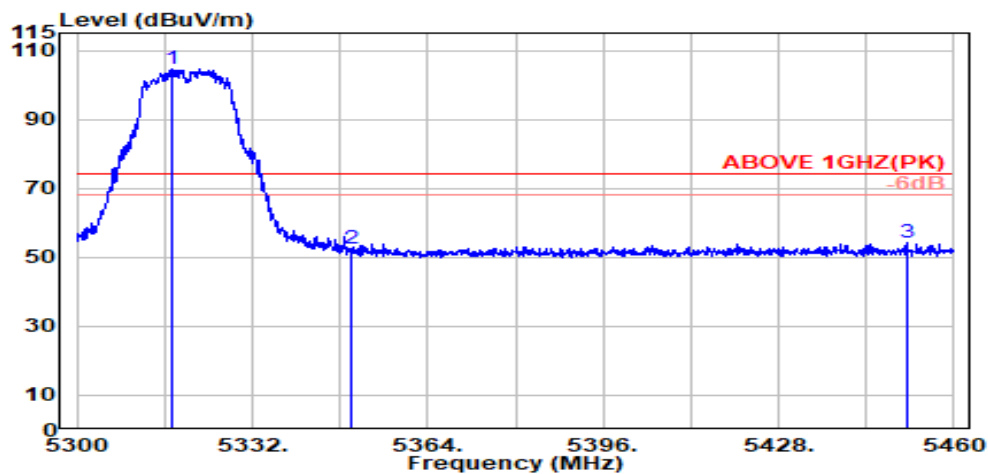


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5322.600	33.65	8.51	39.08	92.77	95.85	---	---	Average
5350.000	33.70	8.54	39.08	40.51	43.68	54.00	10.32	Average
5351.200	33.71	8.54	39.08	40.39	43.56	54.00	10.44	Average

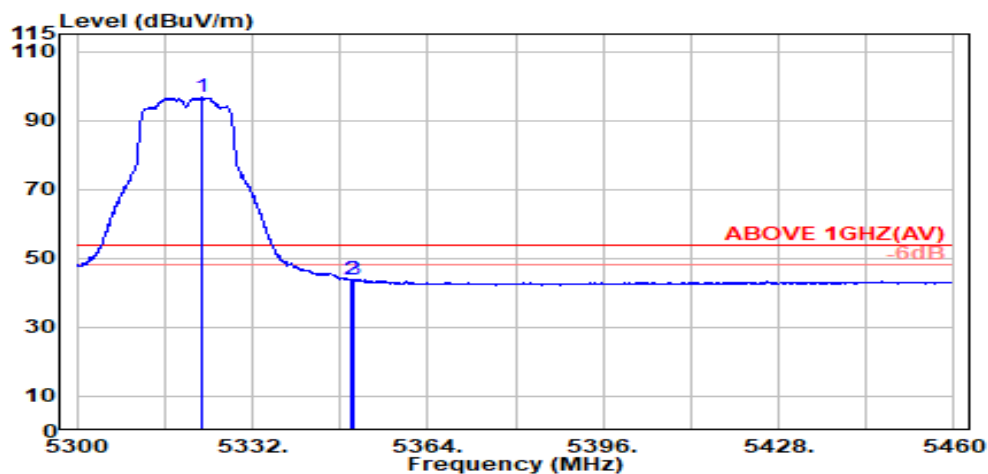
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	U-NII Band	U-NII Band 2A
		Frequency	TX 5320MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5317.400	33.63	8.51	39.08	101.59	104.65	---	---	Peak
5350.000	33.70	8.54	39.08	49.49	52.66	74.00	21.34	Peak
5451.500	34.10	8.65	39.07	50.63	54.31	74.00	19.69	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5322.900	33.65	8.51	39.08	93.51	96.59	---	---	Average
5350.000	33.70	8.54	39.08	40.78	43.94	54.00	10.06	Average
5350.500	33.70	8.54	39.08	40.79	43.96	54.00	10.04	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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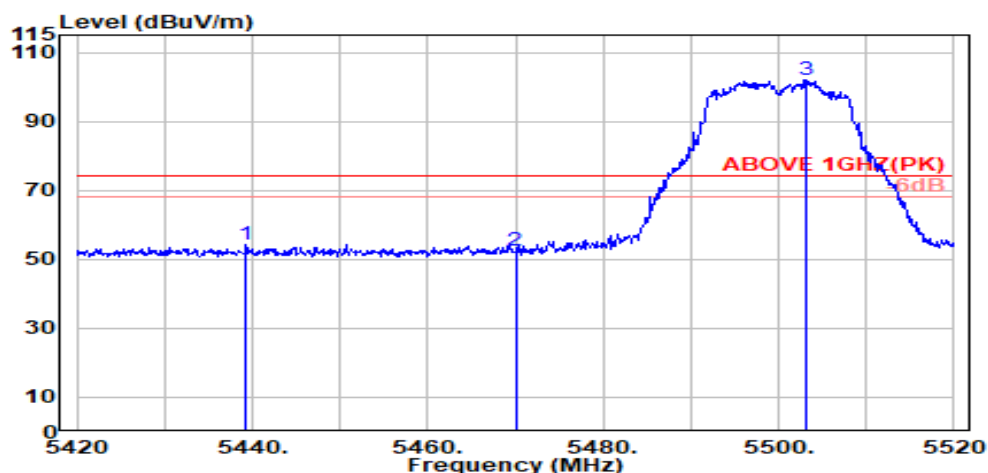
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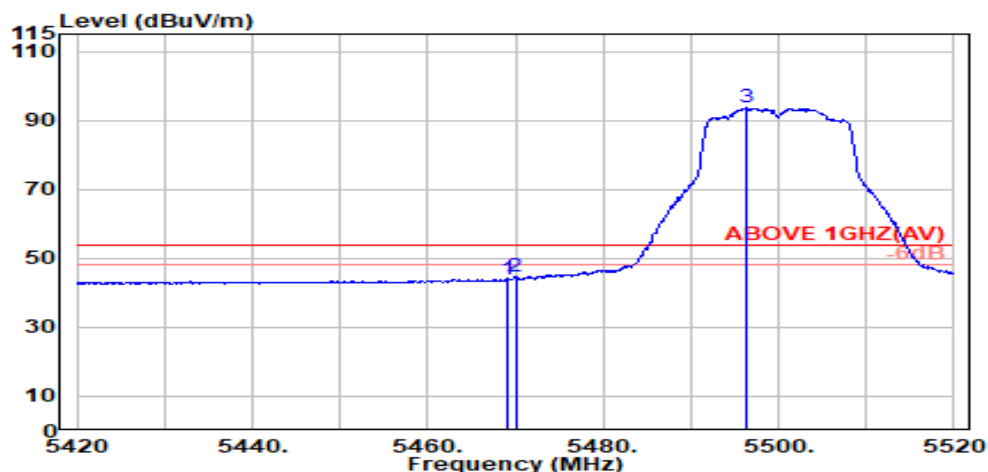
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Mode	802.11a	U-NII Band	U-NII Band 2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5439.300	34.08	8.64	39.07	50.62	54.26	74.00	19.74	Peak
5470.000	34.10	8.67	39.07	48.94	52.63	74.00	21.37	Peak
@ 5503.100	34.09	8.70	39.07	98.05	101.78	---	---	Peak

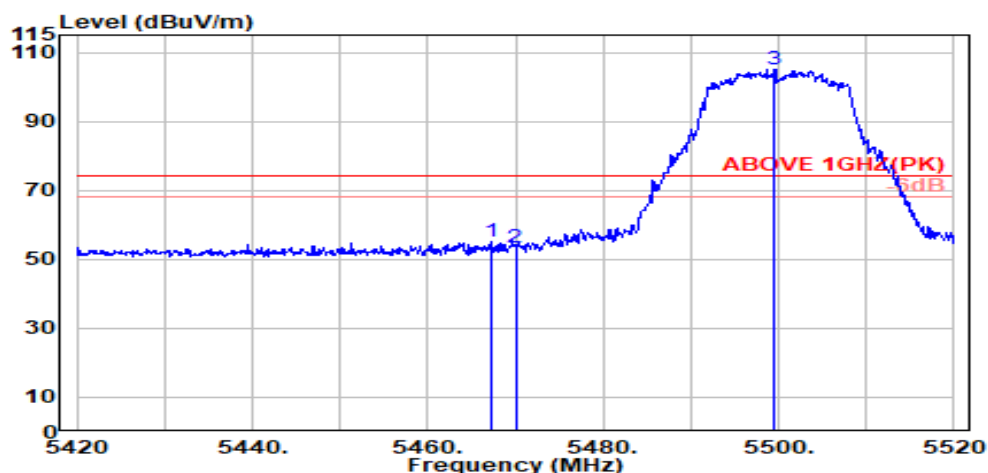


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.10	8.67	39.07	40.26	43.96	54.00	10.04	Average
5470.000	34.10	8.67	39.07	40.97	44.67	54.00	9.33	Average
@ 5496.300	34.10	8.69	39.07	89.82	93.54	---	---	Average

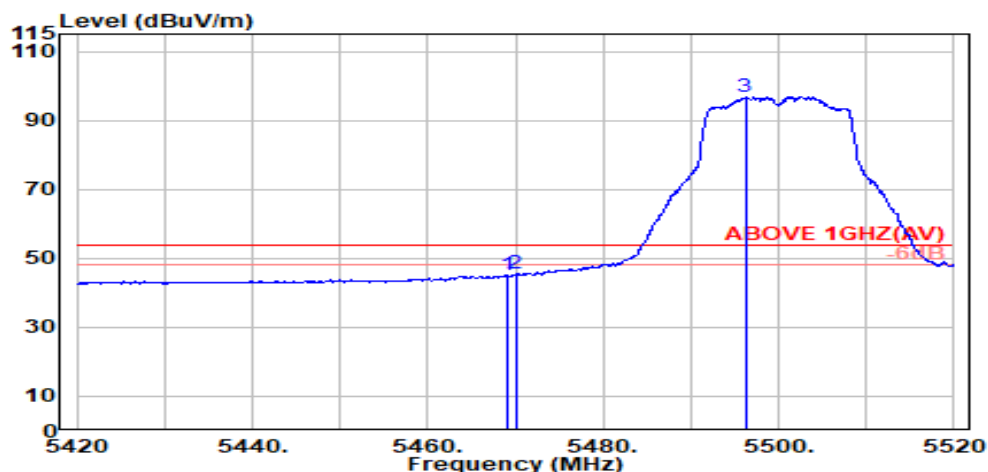
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	U-NII Band	U-NII Band 2C
		Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.300	34.10	8.66	39.07	51.35	55.04	74.00	18.96	Peak
5470.000	34.10	8.67	39.07	49.62	53.32	74.00	20.68	Peak
@ 5499.600	34.10	8.70	39.07	101.50	105.23	---	---	Peak



Antenna at Vertical Polarization

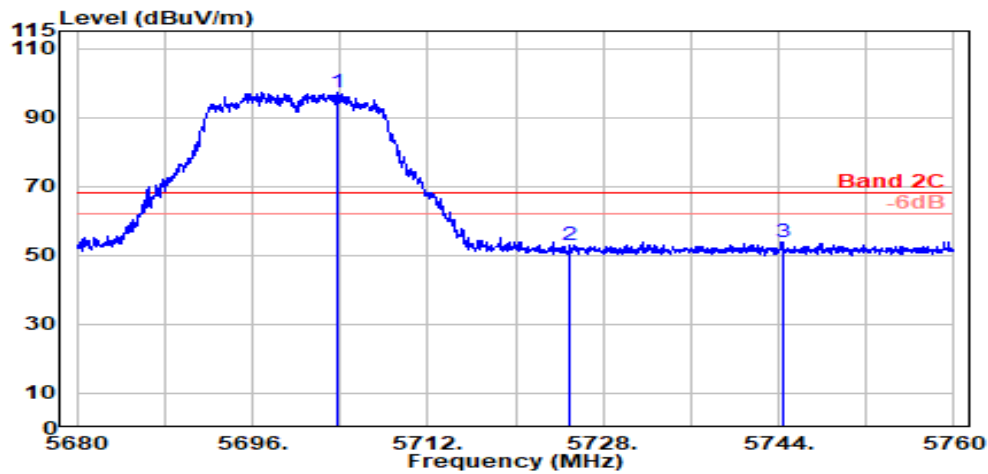
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.10	8.67	39.07	41.32	45.02	54.00	8.98	Average
5470.000	34.10	8.67	39.07	41.73	45.42	54.00	8.58	Average
@ 5496.200	34.10	8.69	39.07	93.05	96.77	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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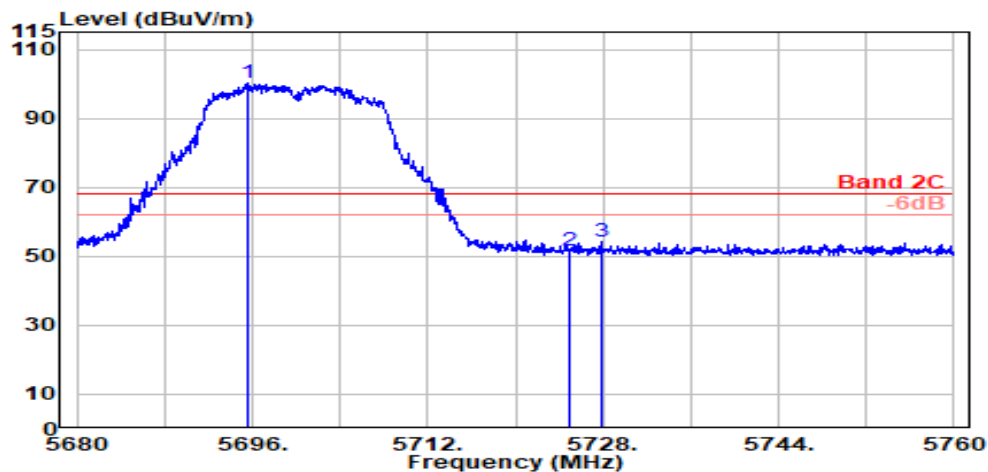
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Fax: +886 2 26099303

Mode	802.11a	U-NII Band	U-NII Band 2C
		Frequency	TX 5700MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5703.750	33.43	8.90	39.13	94.13	97.33	---	---	Peak
5725.000	33.60	8.92	39.14	49.37	52.76	68.20	15.44	Peak
5744.350	33.75	8.94	39.14	50.29	53.84	68.20	14.36	Peak

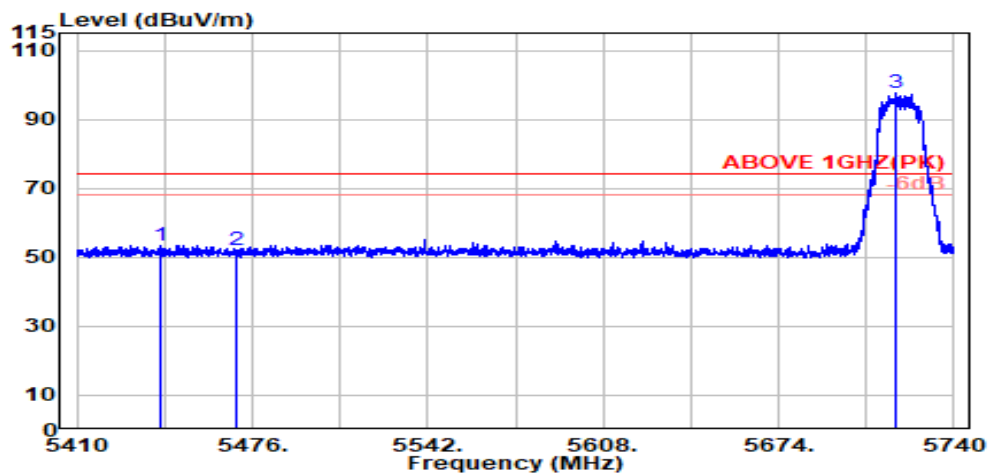


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5695.550	33.43	8.90	39.13	96.91	100.10	---	---	Peak
5725.000	33.60	8.92	39.14	48.16	51.55	68.20	16.65	Peak
5727.850	33.62	8.93	39.14	50.73	54.14	68.20	14.06	Peak

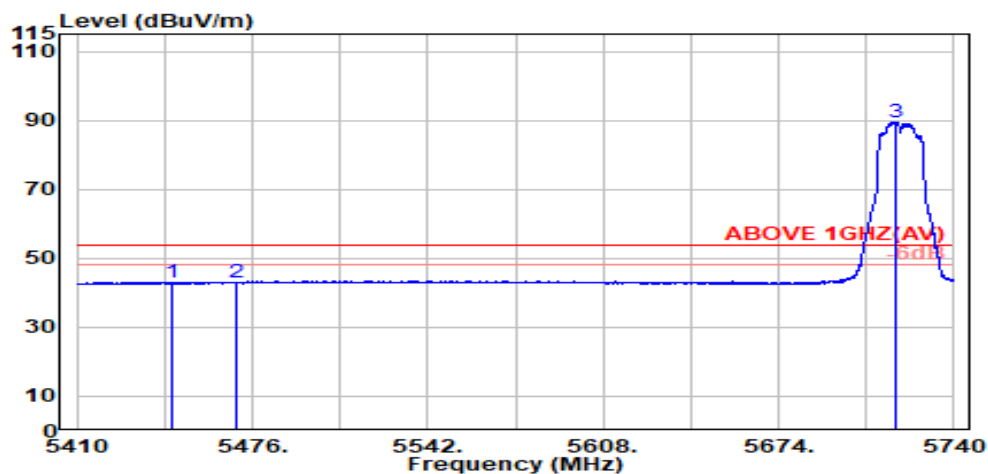
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	U-NII Band	U-NII Band 2C
		Frequency	TX 5720 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5441.400	34.08	8.64	39.07	49.92	53.57	74.00	20.43	Peak
5470.000	34.10	8.67	39.07	48.28	51.97	74.00	22.03	Peak
@ 5718.300	33.55	8.92	39.14	94.28	97.61	---	---	Peak

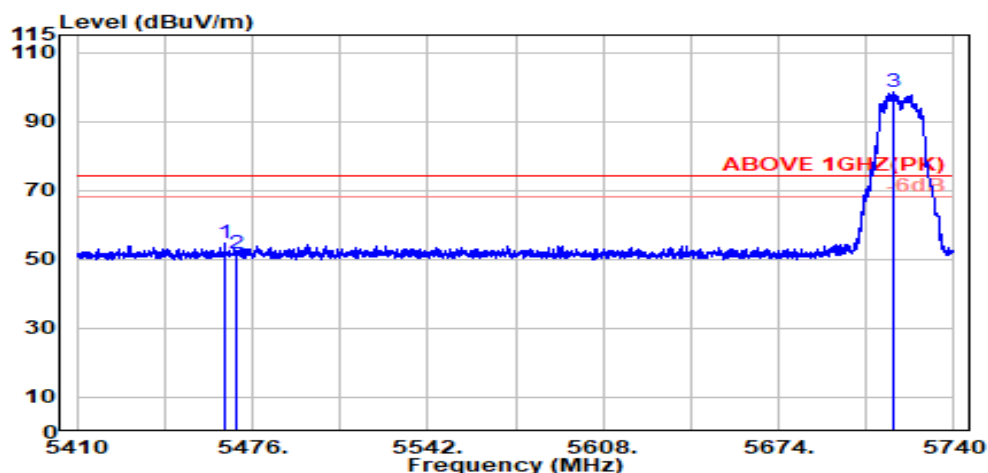


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5446.100	34.09	8.64	39.07	39.46	43.12	54.00	10.88	Average
5470.000	34.10	8.67	39.07	39.17	42.86	54.00	11.14	Average
@ 5718.400	33.55	8.92	39.14	86.26	89.59	---	---	Average

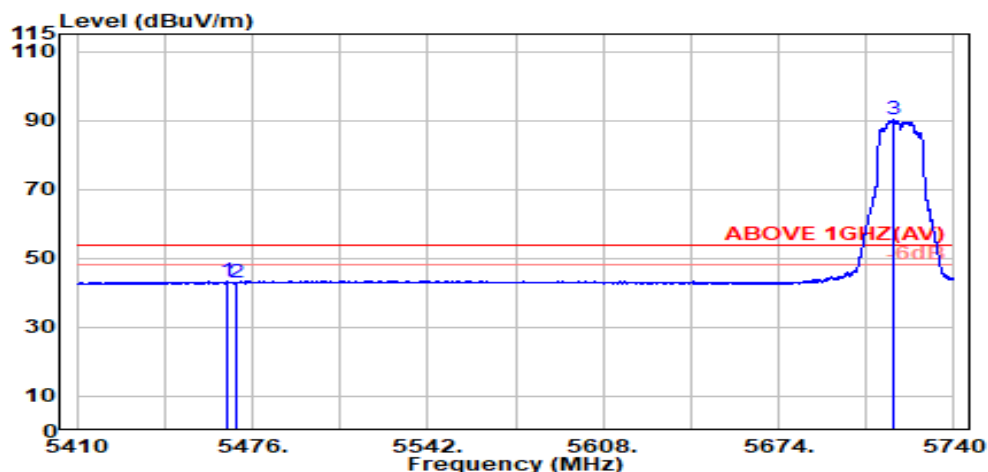
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	U-NII Band	U-NII Band 2C
		Frequency	TX 5720 MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5465.700	34.10	8.66	39.07	50.89	54.58	74.00	19.42	Peak
5470.000	34.10	8.67	39.07	47.93	51.62	74.00	22.38	Peak
@ 5717.500	33.54	8.92	39.14	95.07	98.39	---	---	Peak



Antenna at Vertical Polarization

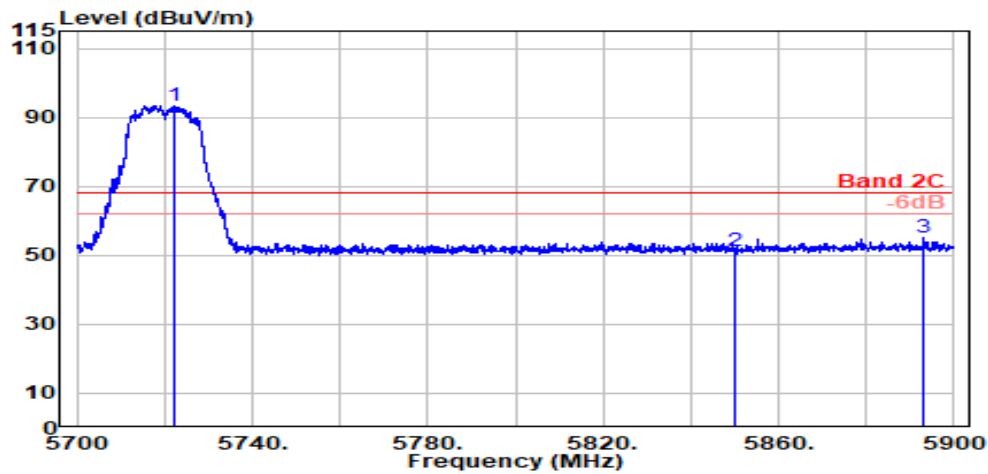
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5466.600	34.10	8.66	39.07	39.54	43.23	54.00	10.77	Average
5470.000	34.10	8.67	39.07	39.21	42.91	54.00	11.09	Average
@ 5717.300	33.54	8.92	39.14	86.76	90.08	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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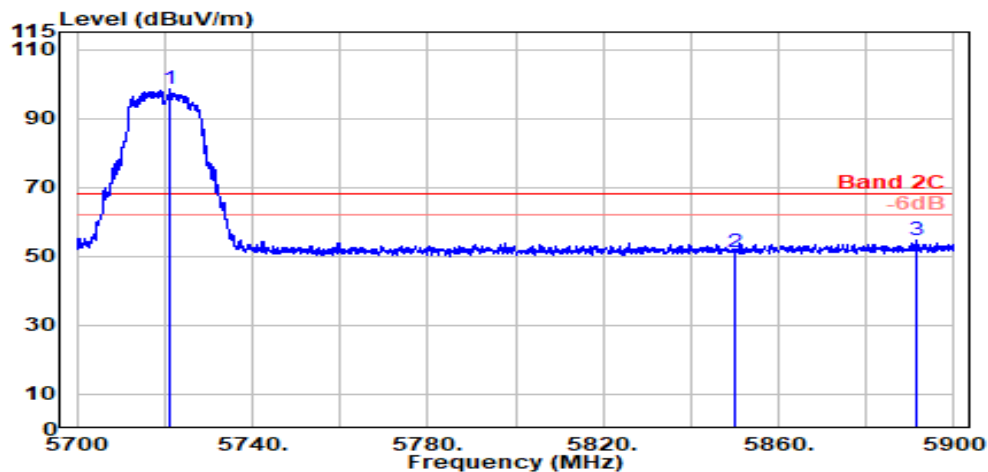
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Mode	802.11a	U-NII Band	U-NII Band 2C
		Frequency	TX 5720 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5722.000	33.58	8.92	39.14	89.91	93.27	---	---	Peak
5850.000	33.90	9.05	39.18	47.34	51.11	68.20	17.09	Peak
5893.100	34.16	9.09	39.19	50.96	55.01	68.20	13.19	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5721.000	33.57	8.92	39.14	95.09	98.44	---	---	Peak
5850.000	33.90	9.05	39.18	47.23	51.00	68.20	17.20	Peak
5891.300	34.15	9.09	39.19	50.66	54.71	68.20	13.49	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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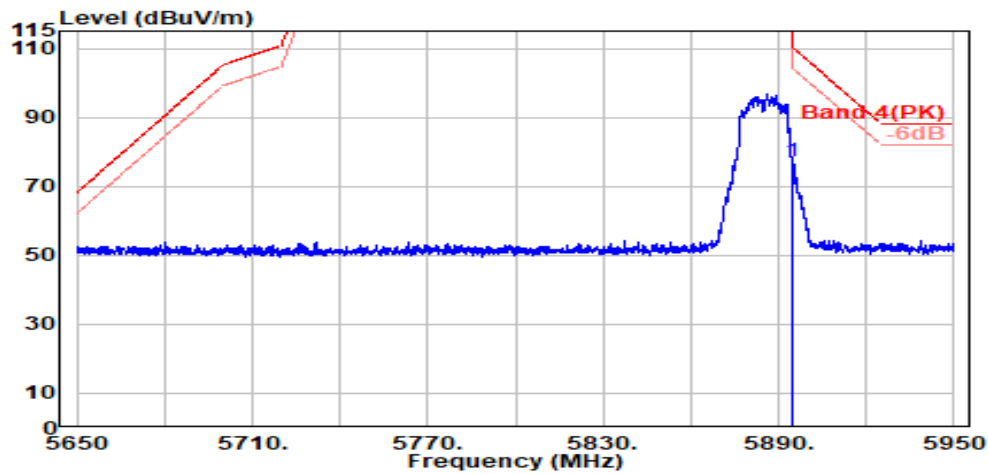
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Tel: +886 2 26099301

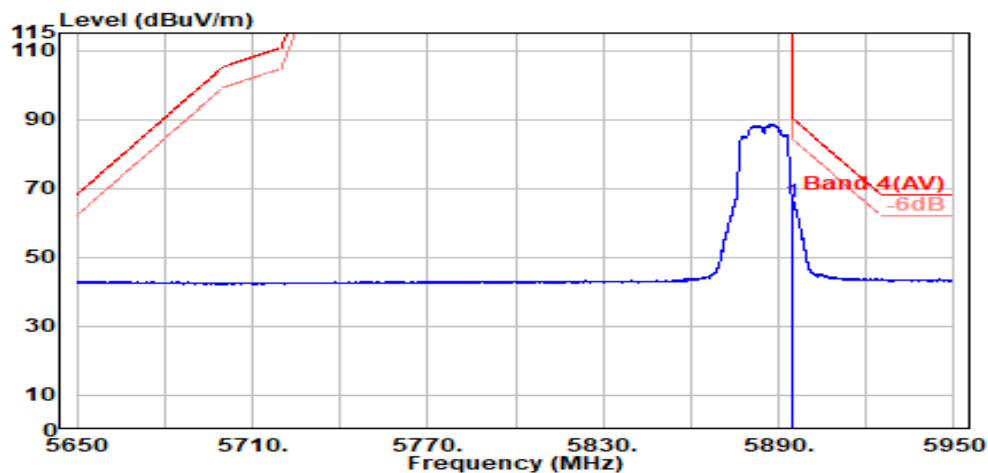
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Mode	802.11a	U-NII Band	U-NII Band 4
		Frequency	TX 5885MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	73.21	77.28	110.20	32.92	Peak



Antenna at Horizontal Polarization

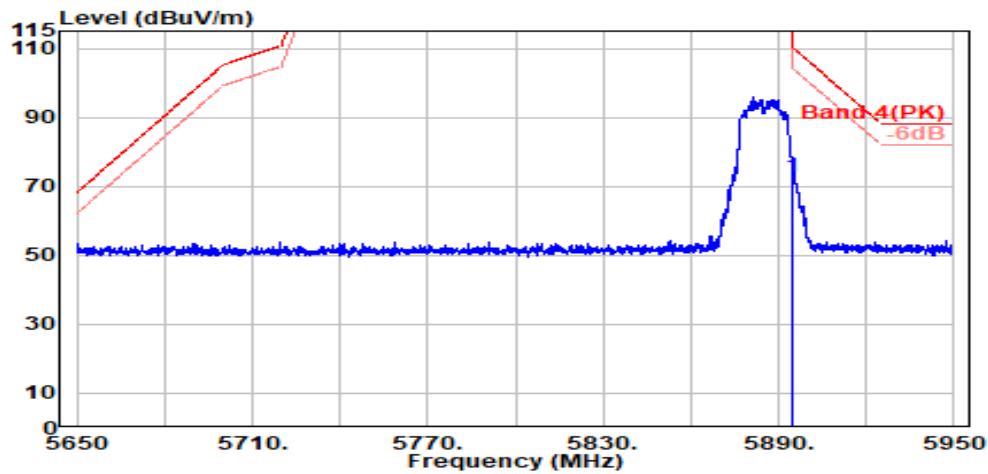
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	61.83	65.90	90.20	24.30	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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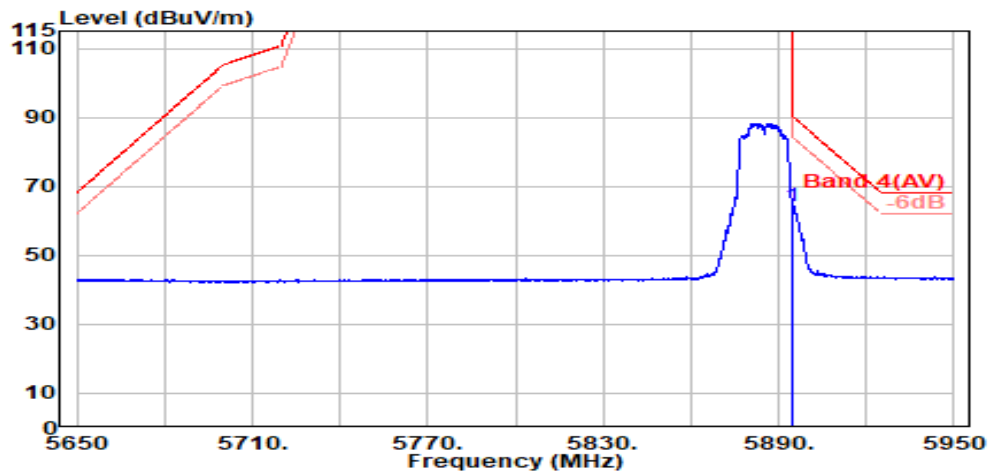
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Mode	802.11a	U-NII Band	U-NII Band 4
		Frequency	TX 5885MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	68.95	73.02	110.20	37.18	Peak



Antenna at Vertical Polarization

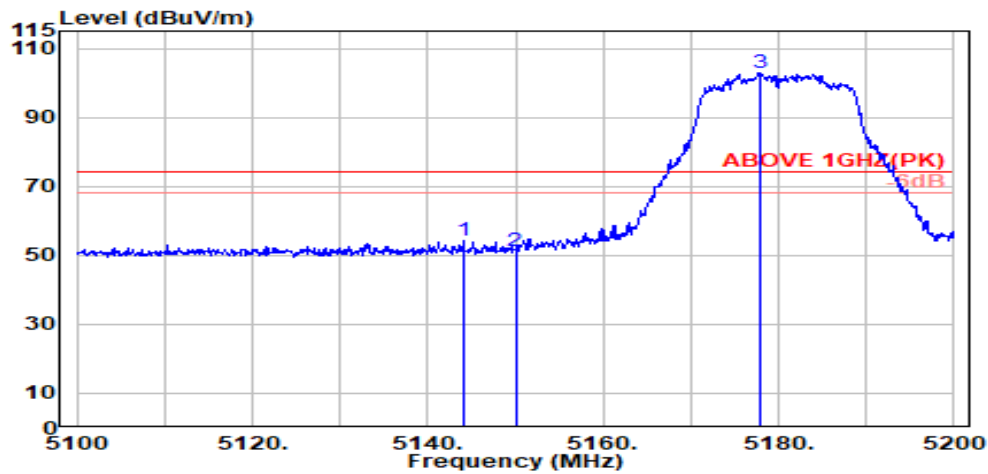
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	60.35	64.42	90.20	25.78	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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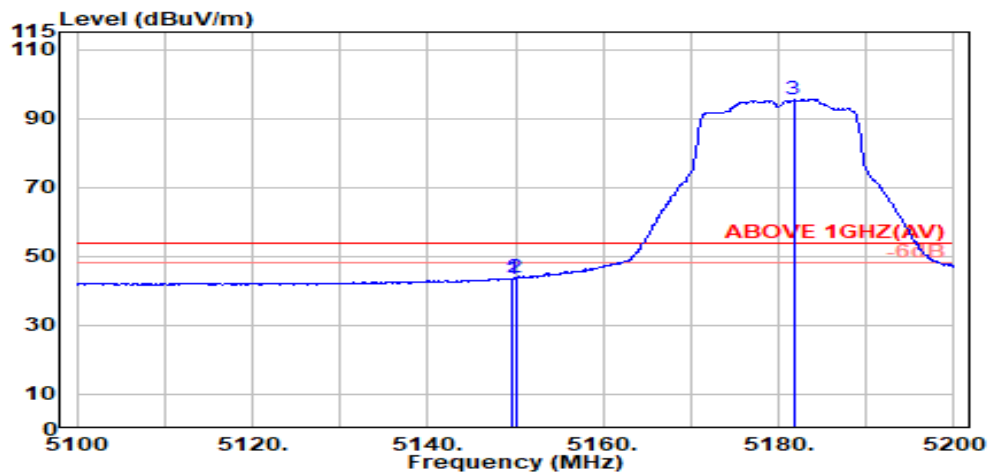
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Mode	802.11n-HT20	U-NII Band	U-NII Band 1
		Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5144.000	33.59	8.32	39.09	51.27	54.09	74.00	19.91	Peak
5150.000	33.60	8.33	39.09	48.50	51.33	74.00	22.67	Peak
@ 5178.000	33.60	8.36	39.09	100.00	102.87	---	---	Peak

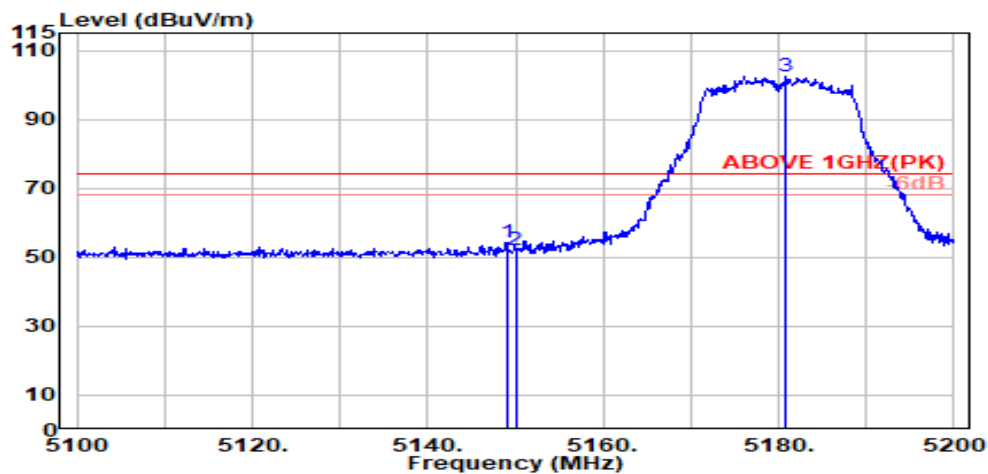


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.500	33.60	8.33	39.09	40.77	43.60	54.00	10.40	Average
5150.000	33.60	8.33	39.09	41.11	43.94	54.00	10.06	Average
@ 5181.700	33.60	8.36	39.09	92.57	95.45	---	---	Average

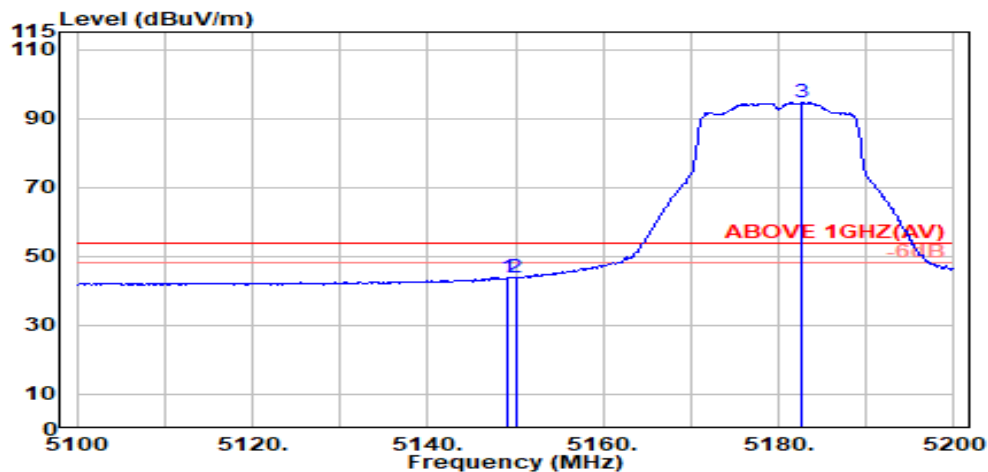
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	U-NII Band	U-NII Band 1
		Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.000	33.60	8.33	39.09	51.31	54.15	74.00	19.85	Peak
5150.000	33.60	8.33	39.09	49.05	51.89	74.00	22.11	Peak
@ 5180.800	33.60	8.36	39.09	99.64	102.52	---	---	Peak



Antenna at Vertical Polarization

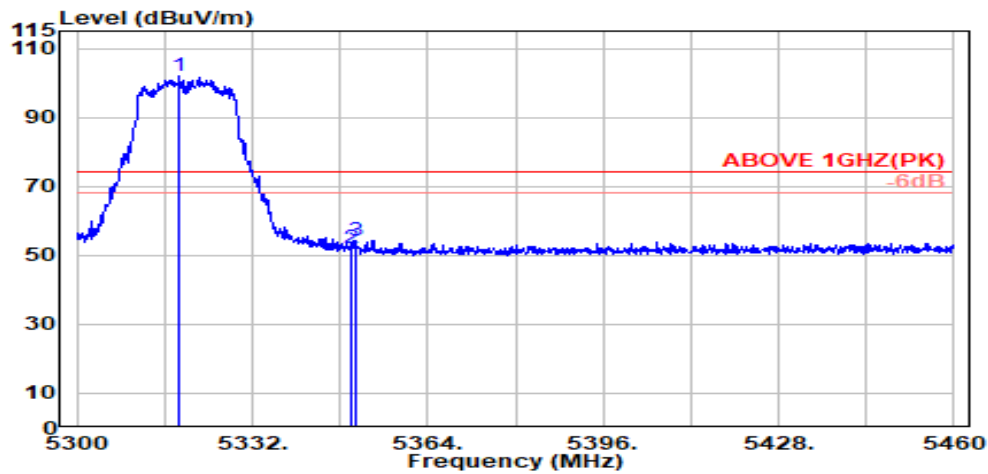
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.200	33.60	8.33	39.09	41.07	43.91	54.00	10.09	Average
5150.000	33.60	8.33	39.09	40.93	43.76	54.00	10.24	Average
@ 5182.700	33.60	8.36	39.09	91.63	94.50	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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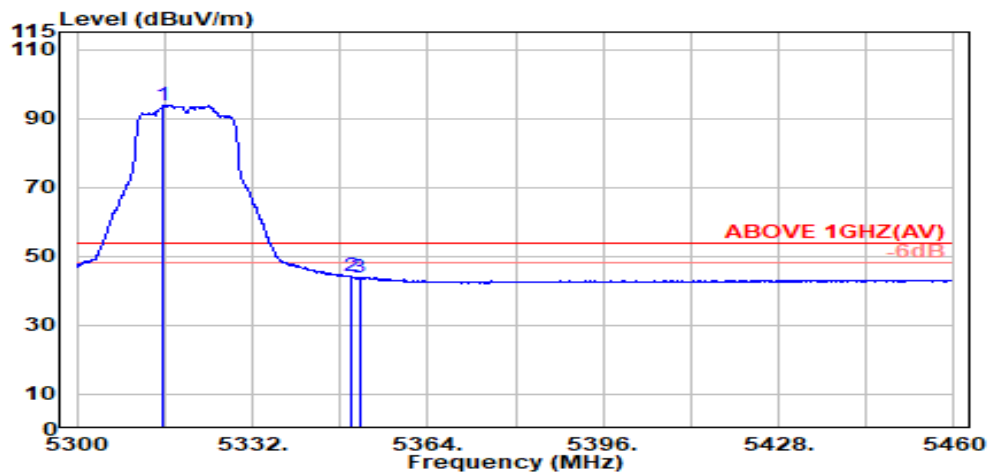
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Mode	802.11n-HT20	U-NII Band	U-NII Band 2A
		Frequency	TX 5320MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5318.500	33.64	8.51	39.08	98.89	101.95	---	---	Peak
5350.000	33.70	8.54	39.08	49.08	52.24	74.00	21.76	Peak
5350.700	33.70	8.54	39.08	50.99	54.16	74.00	19.84	Peak

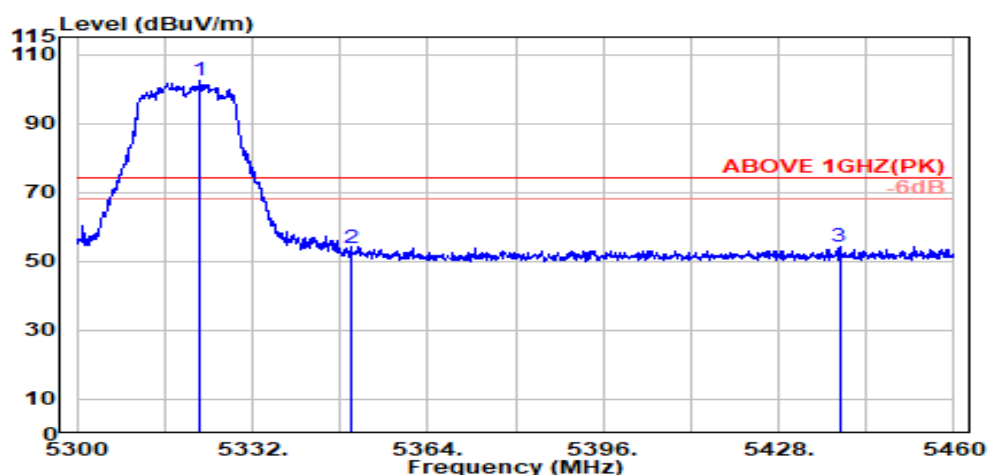


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5315.600	33.63	8.51	39.08	90.74	93.80	---	---	Average
5350.000	33.70	8.54	39.08	41.02	44.19	54.00	9.81	Average
5351.500	33.71	8.54	39.08	40.77	43.94	54.00	10.06	Average

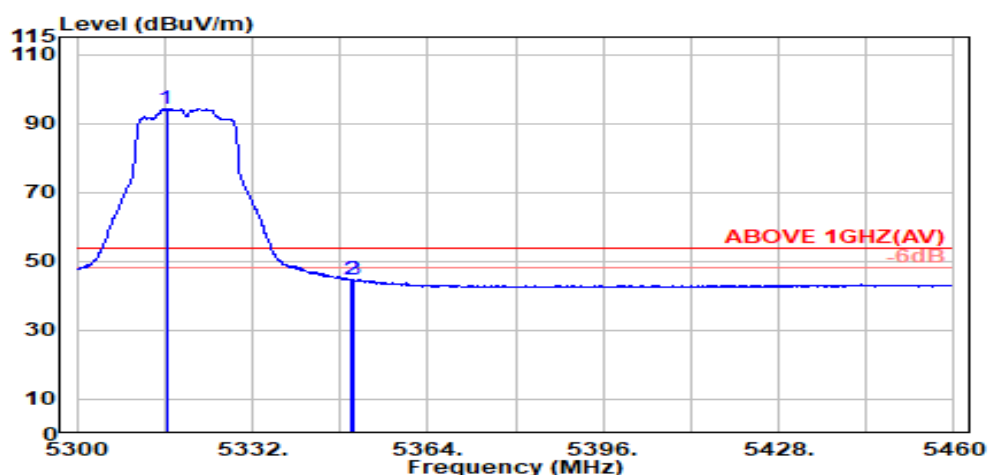
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	U-NII Band	U-NII Band 2A
		Frequency	TX 5320MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5322.400	33.64	8.51	39.08	99.17	102.25	---	---	Peak
5350.000	33.70	8.54	39.08	50.86	54.02	74.00	19.98	Peak
5439.100	34.08	8.64	39.07	50.82	54.46	74.00	19.54	Peak

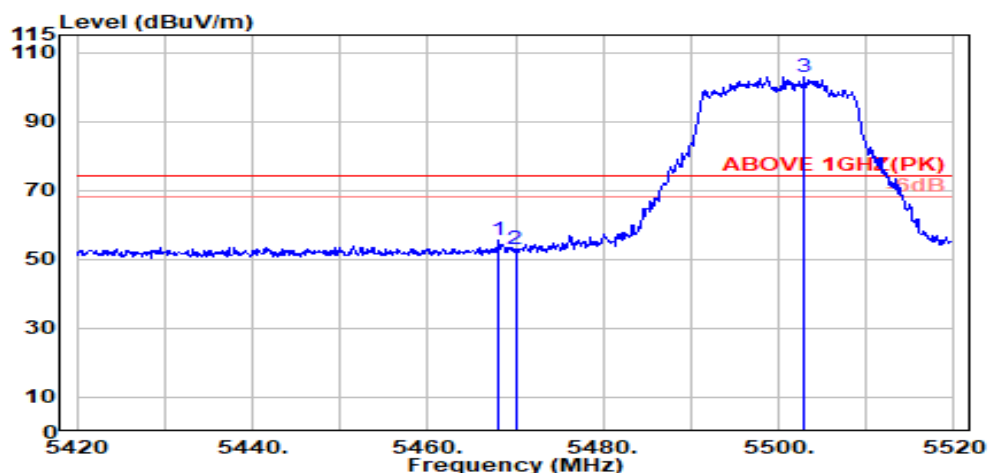


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.300	33.63	8.51	39.08	91.19	94.25	---	---	Average
5350.000	33.70	8.54	39.08	41.51	44.68	54.00	9.32	Average
5350.400	33.70	8.54	39.08	41.70	44.86	54.00	9.14	Average

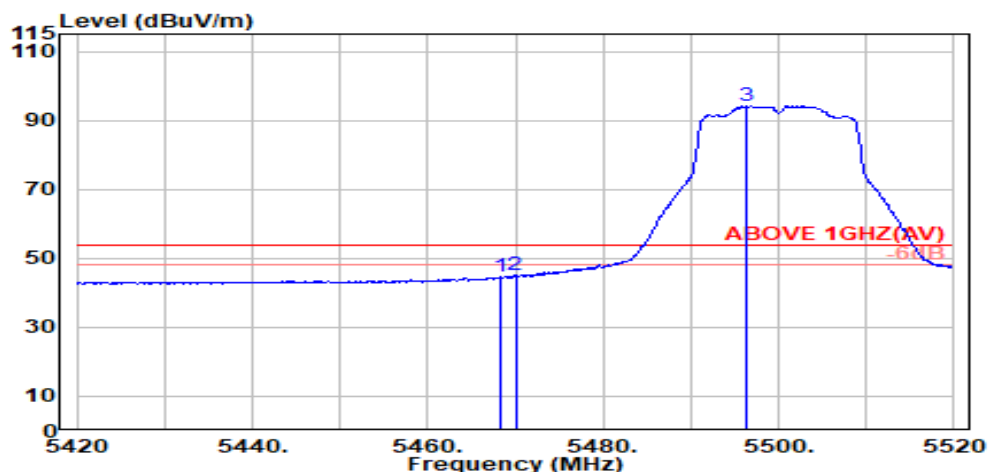
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	U-NII Band	U-NII Band 2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.100	34.10	8.67	39.07	51.71	55.40	74.00	18.60	Peak
5470.000	34.10	8.67	39.07	49.43	53.12	74.00	20.88	Peak
@ 5502.900	34.09	8.70	39.07	99.04	102.77	---	---	Peak



Antenna at Horizontal Polarization

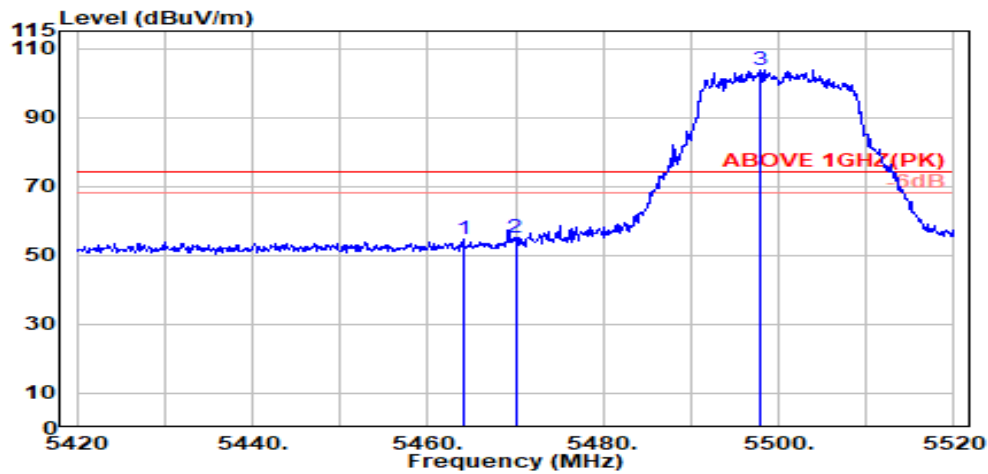
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.200	34.10	8.67	39.07	40.89	44.59	54.00	9.41	Average
5470.000	34.10	8.67	39.07	41.30	45.00	54.00	9.00	Average
@ 5496.400	34.10	8.69	39.07	90.40	94.13	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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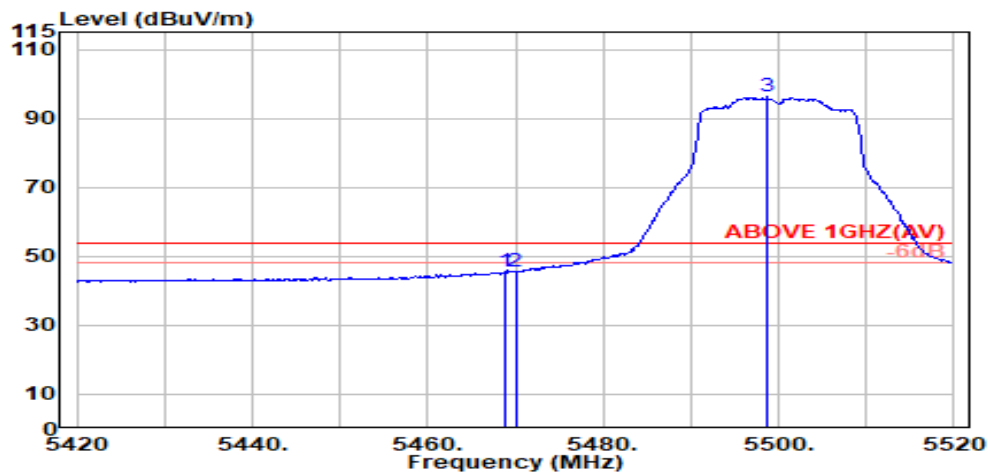
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Mode	802.11n-HT20	U-NII Band	U-NII Band 2C
		Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5464.100	34.10	8.66	39.07	51.18	54.86	74.00	19.14	Peak
5470.000	34.10	8.67	39.07	51.25	54.94	74.00	19.06	Peak
@ 5498.000	34.10	8.70	39.07	100.05	103.78	---	---	Peak



Antenna at Vertical Polarization

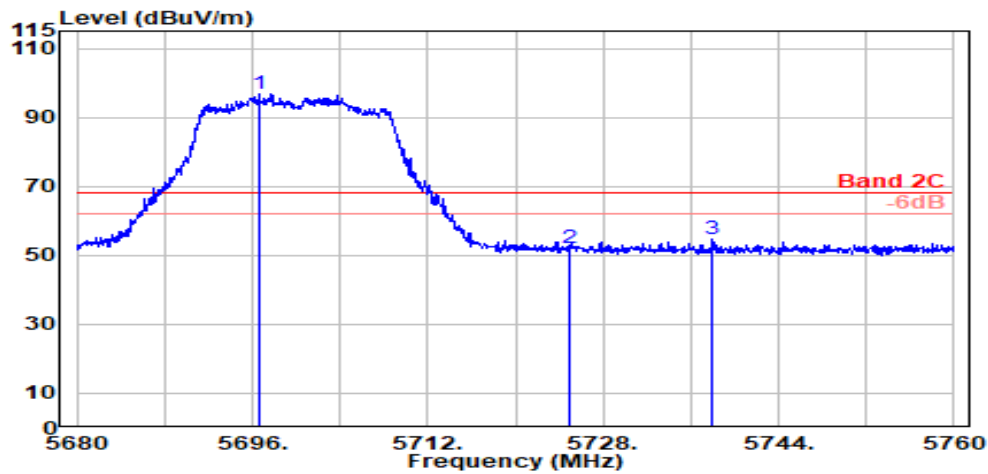
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.800	34.10	8.67	39.07	41.73	45.42	54.00	8.58	Average
5470.000	34.10	8.67	39.07	41.83	45.52	54.00	8.48	Average
@ 5498.700	34.10	8.70	39.07	92.40	96.13	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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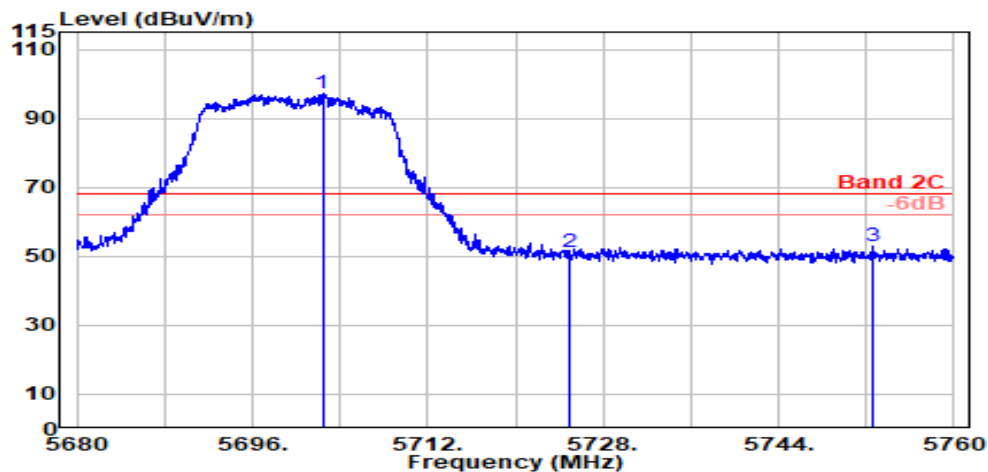
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Mode	802.11n-HT20	U-NII Band	U-NII Band 2C
		Frequency	TX 5700MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5696.650	33.42	8.90	39.13	93.53	96.72	---	---	Peak
5725.000	33.60	8.92	39.14	48.85	52.23	68.20	15.97	Peak
5738.000	33.70	8.94	39.14	50.97	54.47	68.20	13.73	Peak

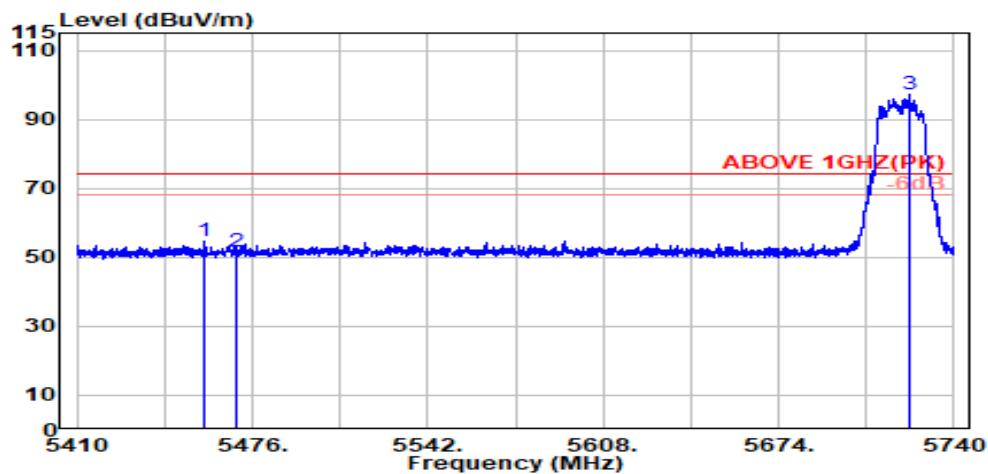


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5702.400	33.42	8.90	39.13	94.10	97.29	---	---	Peak
5725.000	33.60	8.92	39.14	47.67	51.06	68.20	17.14	Peak
5752.500	33.81	8.95	39.15	49.21	52.82	68.20	15.38	Peak

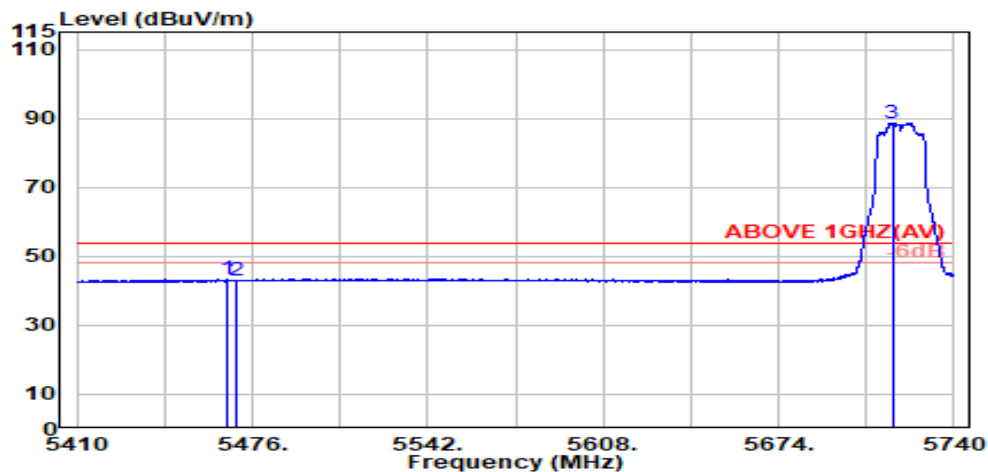
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	U-NII Band	U-NII Band 2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.800	34.10	8.65	39.07	50.96	54.65	74.00	19.35	Peak
5470.000	34.10	8.67	39.07	48.03	51.73	74.00	22.27	Peak
@ 5723.000	33.58	8.92	39.14	94.05	97.41	---	---	Peak

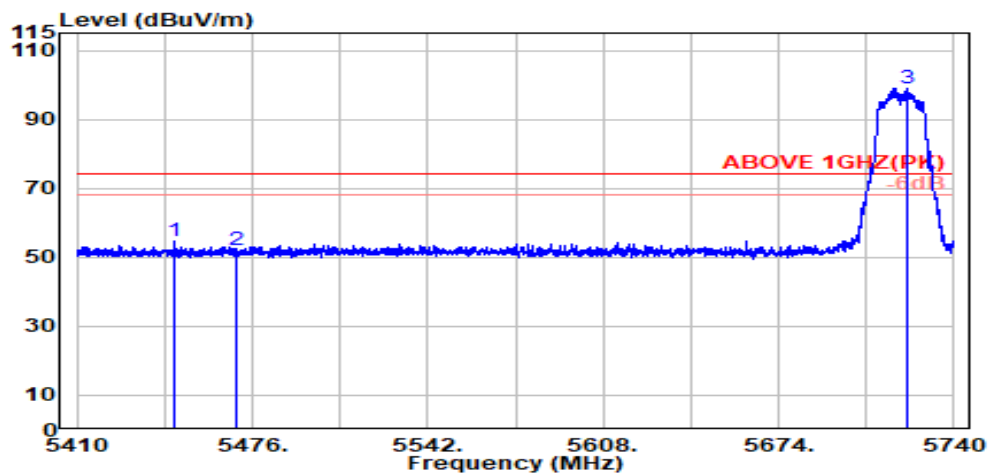


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5466.200	34.10	8.66	39.07	39.57	43.26	54.00	10.74	Average
5470.000	34.10	8.67	39.07	39.22	42.92	54.00	11.08	Average
@ 5716.800	33.53	8.92	39.14	85.10	88.41	---	---	Average

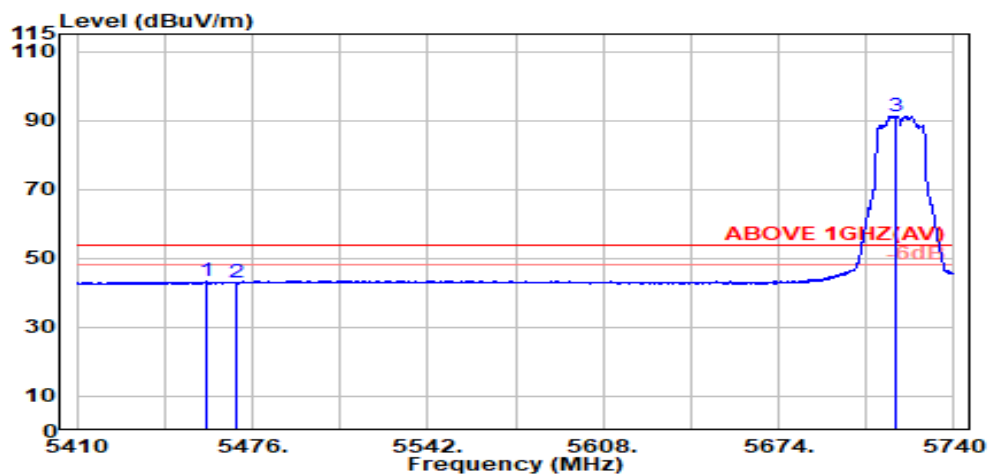
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	U-NII Band	U-NII Band 2C
		Frequency	TX 5720MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5446.600	34.09	8.64	39.07	50.91	54.58	74.00	19.42	Peak
5470.000	34.10	8.67	39.07	48.33	52.02	74.00	21.98	Peak
@ 5722.400	33.58	8.92	39.14	95.70	99.06	---	---	Peak



Antenna at Vertical Polarization

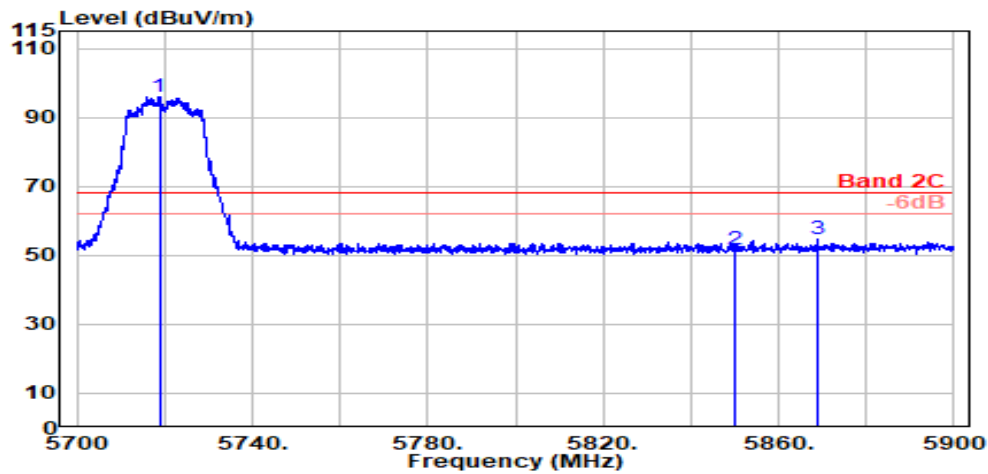
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5458.500	34.10	8.66	39.07	39.51	43.19	54.00	10.81	Average
5470.000	34.10	8.67	39.07	39.20	42.90	54.00	11.10	Average
@ 5717.900	33.54	8.92	39.14	87.84	91.17	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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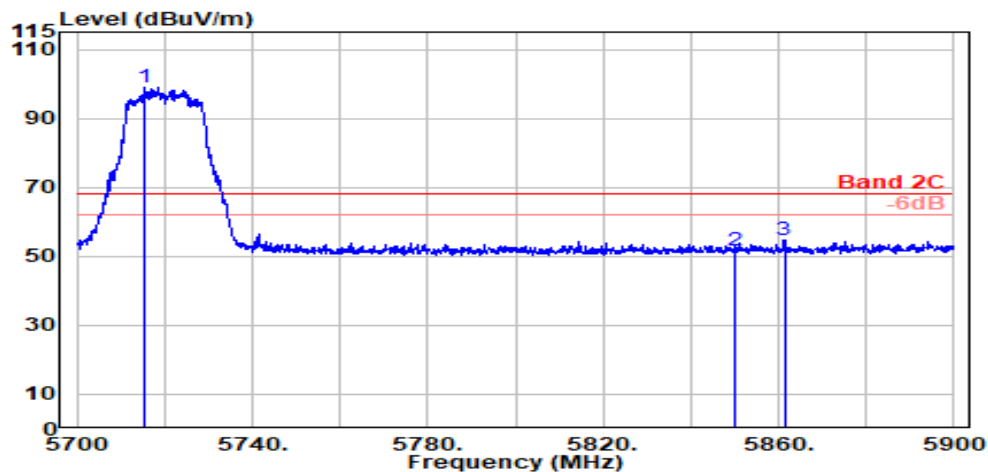
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Mode	802.11n-HT20	U-NII Band	U-NII Band 2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5718.800	33.55	8.92	39.14	92.73	96.06	---	---	Peak
5850.000	33.90	9.05	39.18	47.66	51.43	68.20	16.77	Peak
5868.700	34.01	9.07	39.18	50.75	54.65	68.20	13.55	Peak



Antenna at Vertical Polarization

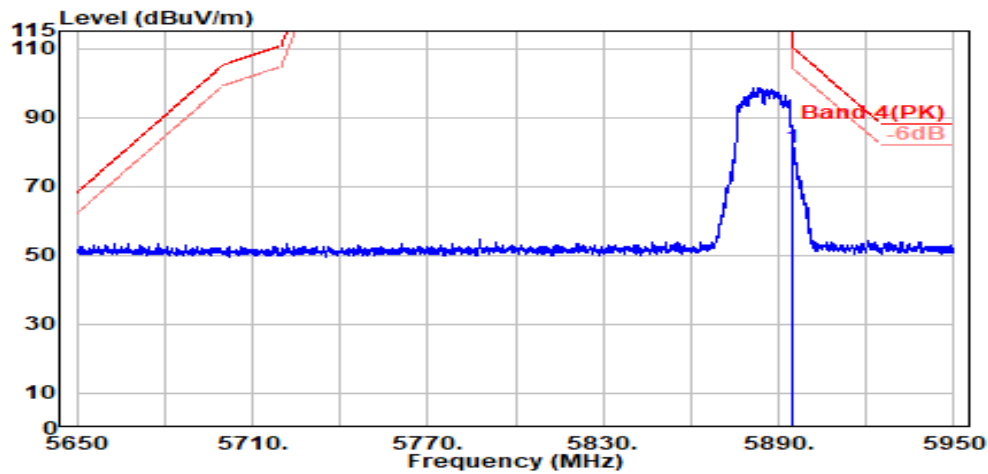
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5715.600	33.53	8.92	39.14	95.81	99.11	---	---	Peak
5850.000	33.90	9.05	39.18	47.83	51.60	68.20	16.60	Peak
5861.300	33.97	9.06	39.18	50.68	54.52	68.20	13.68	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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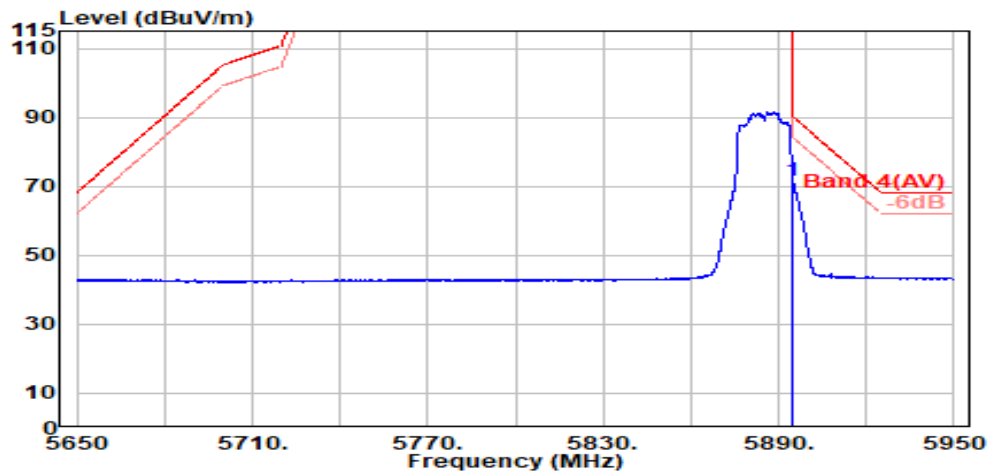
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Mode	802.11n-HT20	U-NII Band	U-NII Band 4
		Frequency	TX 5885MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	77.03	81.11	110.20	29.09	Peak



Antenna at Horizontal Polarization

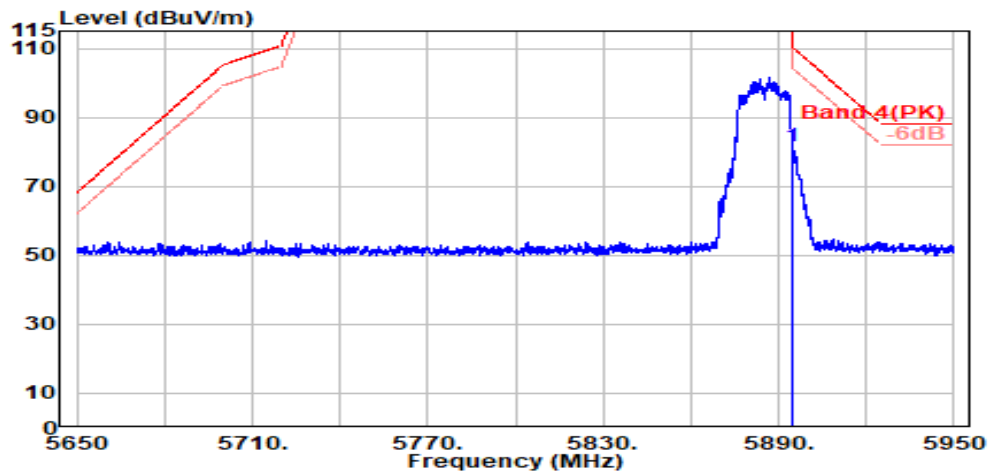
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	67.32	71.39	90.20	18.81	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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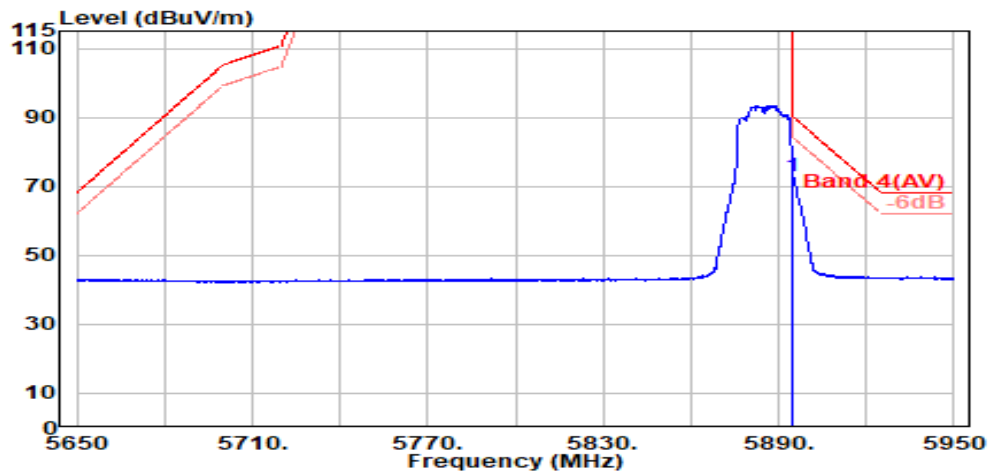
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Mode	802.11n-HT20	U-NII Band	U-NII Band 4
		Frequency	TX 5885MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	77.71	81.78	110.20	28.42	Peak

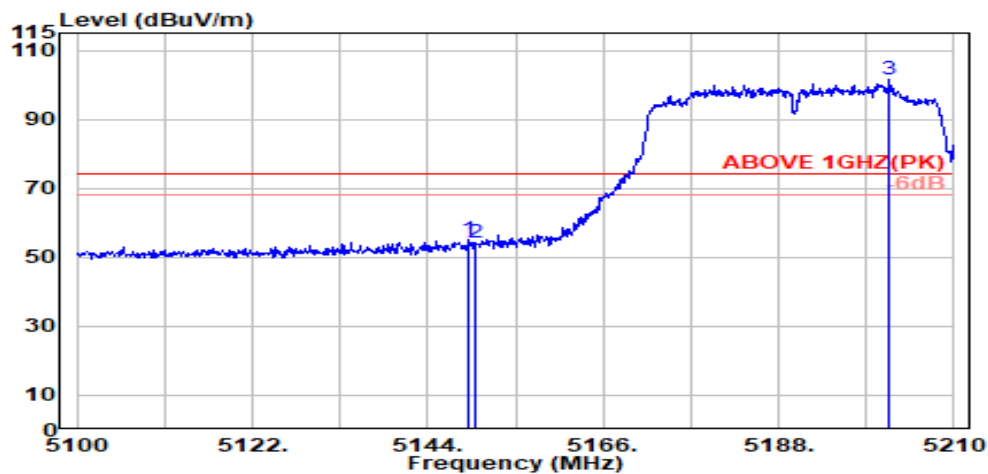


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	68.75	72.82	90.20	17.38	Average

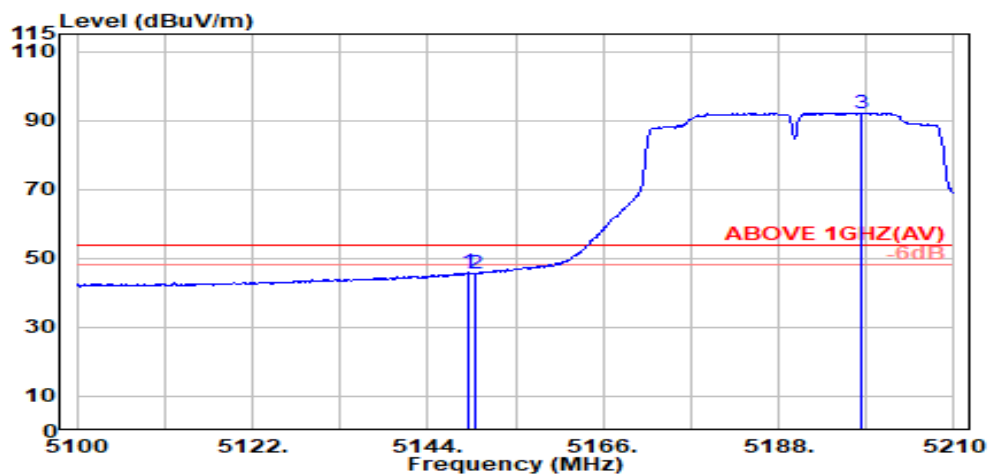
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT40	U-NII Band	U-NII Band 1
		Frequency	TX 5190MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5149.200	33.60	8.33	39.09	52.23	55.07	74.00	18.93	Peak
5150.000	33.60	8.33	39.09	51.27	54.10	74.00	19.90	Peak
@ 5201.800	33.60	8.38	39.09	98.44	101.34	---	---	Peak



Antenna at Horizontal Polarization

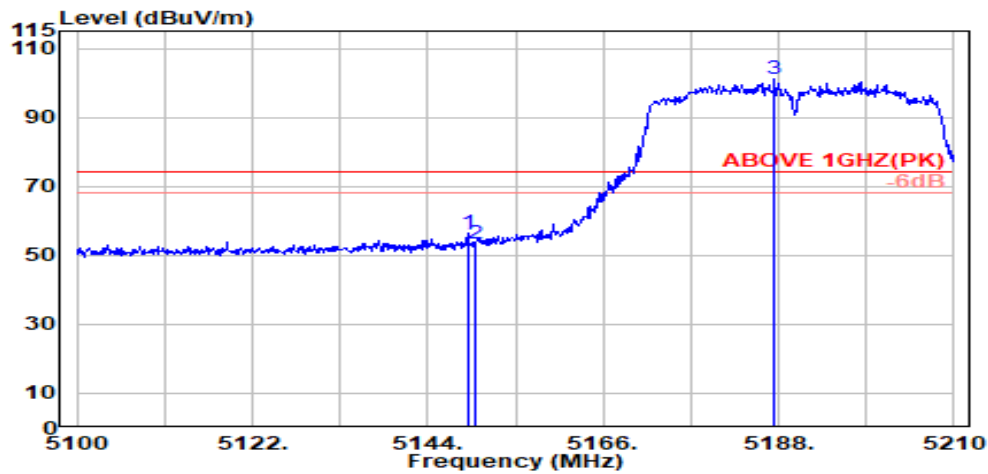
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5149.200	33.60	8.33	39.09	43.03	45.87	54.00	8.13	Average
5150.000	33.60	8.33	39.09	42.84	45.68	54.00	8.32	Average
@ 5198.300	33.60	8.38	39.09	89.24	92.14	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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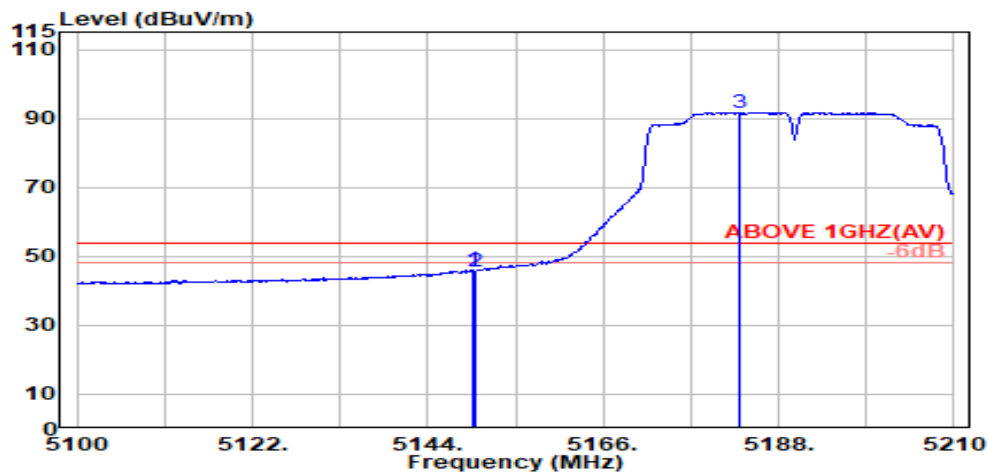
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Mode	802.11n-HT40	U-NII Band	U-NII Band 1
		Frequency	TX 5190MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.000	33.60	8.33	39.09	53.55	56.38	74.00	17.62	Peak
5150.000	33.60	8.33	39.09	50.72	53.56	74.00	20.44	Peak
@ 5187.500	33.60	8.37	39.09	98.04	100.92	---	---	Peak



Antenna at Vertical Polarization

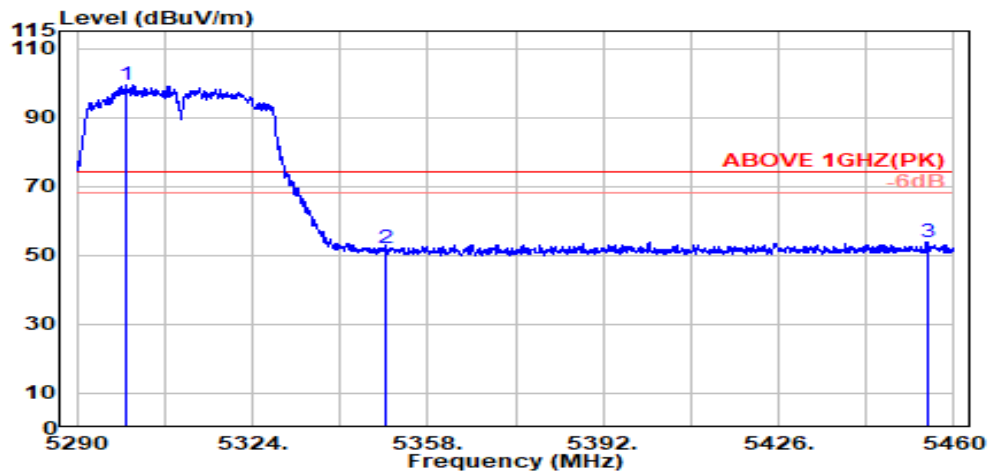
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.600	33.60	8.33	39.09	43.03	45.87	54.00	8.13	Average
5150.000	33.60	8.33	39.09	42.76	45.59	54.00	8.41	Average
@ 5183.000	33.60	8.36	39.09	88.85	91.73	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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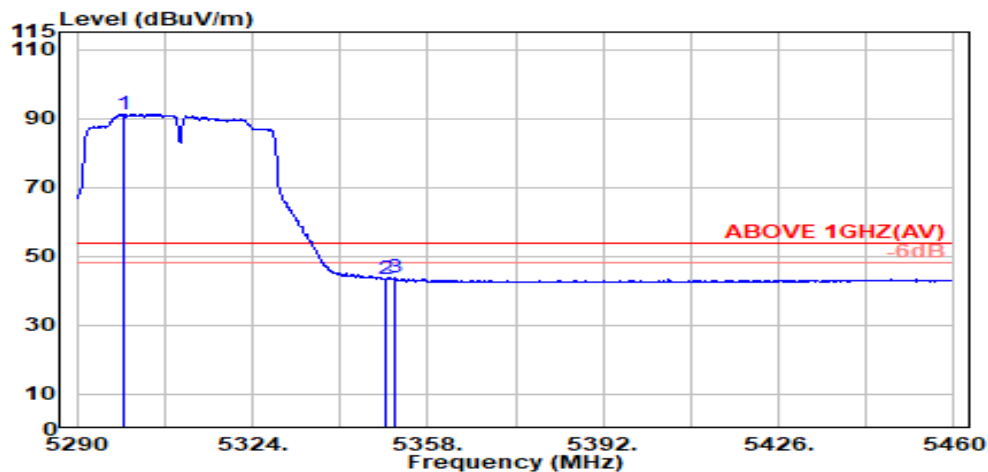
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Mode	802.11n-HT40	U-NII Band	U-NII Band 2A
		Frequency	TX 5310MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5299.400	33.60	8.49	39.08	96.20	99.21	---	---	Peak
5350.000	33.70	8.54	39.08	48.92	52.08	74.00	21.92	Peak
5455.000	34.10	8.65	39.07	50.25	53.93	74.00	20.07	Peak

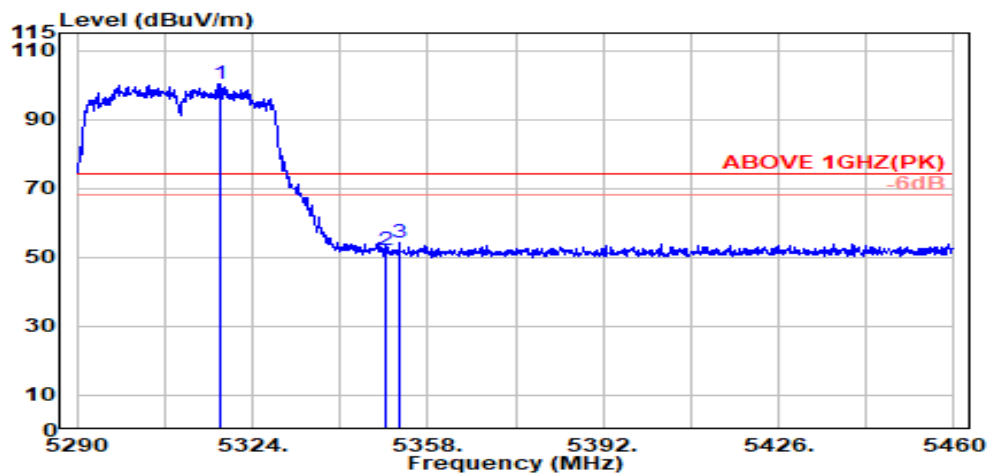


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5299.200	33.60	8.49	39.08	88.23	91.24	---	---	Average
5350.000	33.70	8.54	39.08	40.36	43.53	54.00	10.47	Average
5351.600	33.71	8.54	39.08	40.71	43.88	54.00	10.12	Average

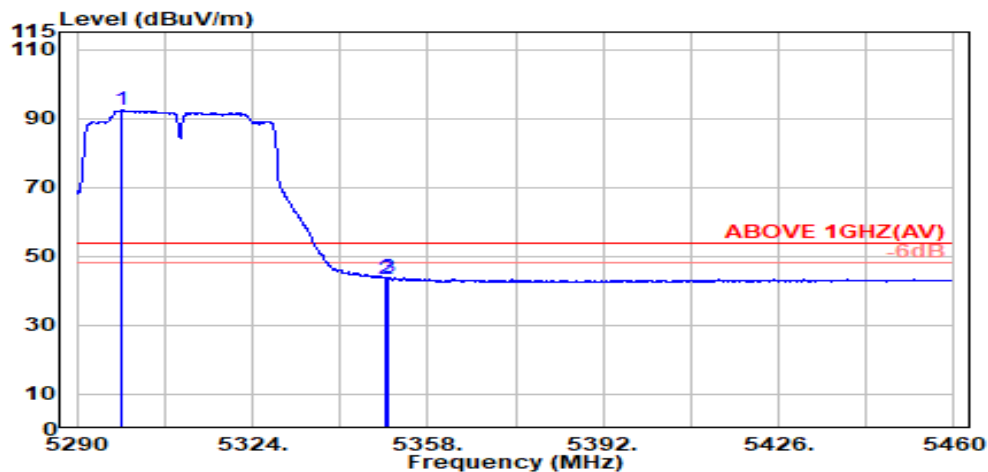
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT40	U-NII Band	U-NII Band 2A
		Frequency	TX 5310MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5317.600	33.64	8.51	39.08	97.07	100.13	---	---	Peak
5350.000	33.70	8.54	39.08	48.72	51.88	74.00	22.12	Peak
5352.400	33.71	8.54	39.08	50.88	54.06	74.00	19.94	Peak



Antenna at Vertical Polarization

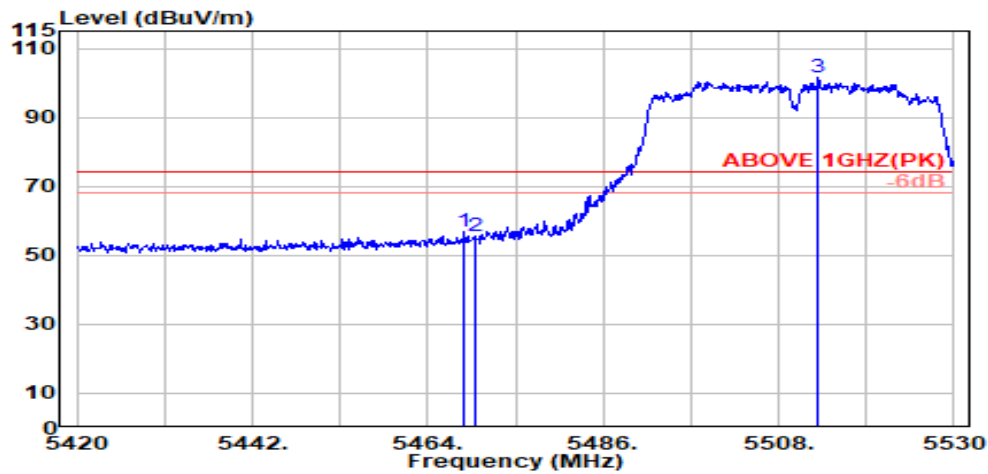
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5298.700	33.60	8.49	39.08	89.25	92.26	---	---	Average
5350.000	33.70	8.54	39.08	40.25	43.42	54.00	10.58	Average
5350.400	33.70	8.54	39.08	40.77	43.93	54.00	10.07	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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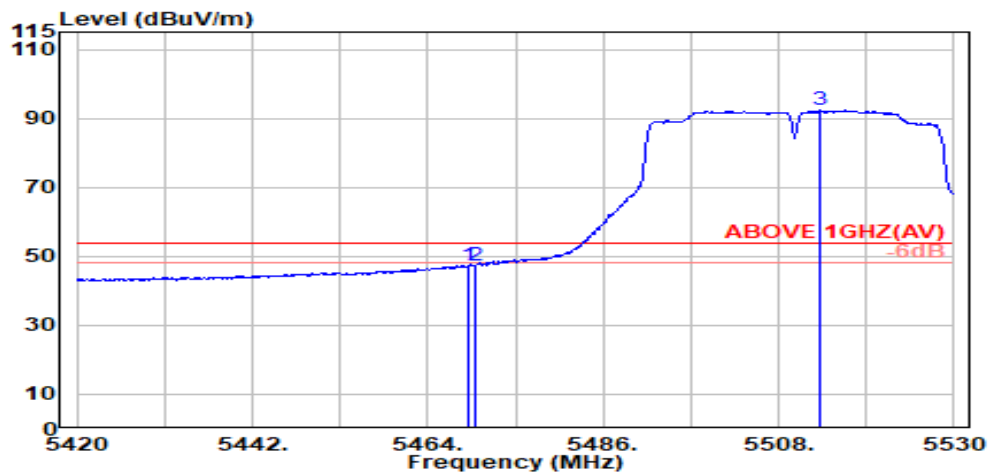
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Mode	802.11n-HT40	U-NII Band	U-NII Band 2C
		Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.600	34.10	8.67	39.07	53.00	56.69	74.00	17.31	Peak
5470.000	34.10	8.67	39.07	51.95	55.65	74.00	18.35	Peak
@ 5513.000	34.07	8.71	39.07	97.65	101.36	---	---	Peak



Antenna at Horizontal Polarization

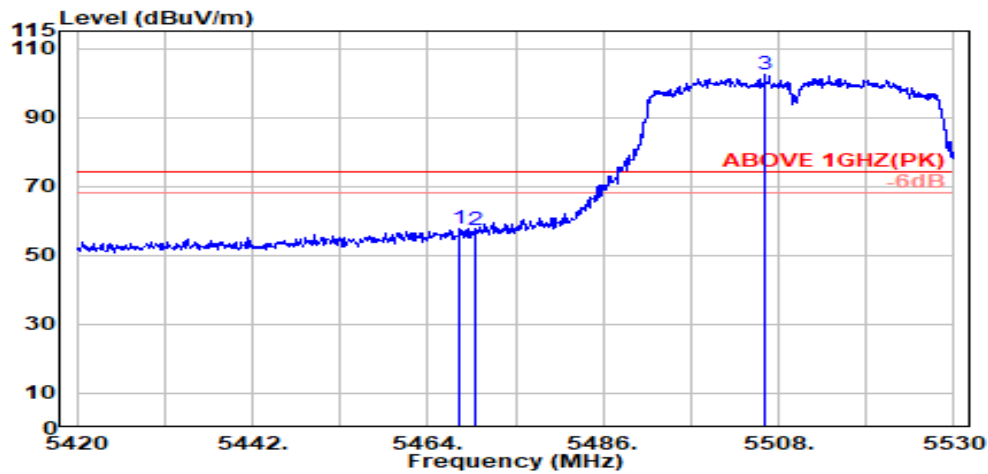
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.10	8.67	39.07	43.56	47.25	54.00	6.75	Average
5470.000	34.10	8.67	39.07	43.74	47.44	54.00	6.56	Average
@ 5513.200	34.07	8.71	39.07	88.68	92.39	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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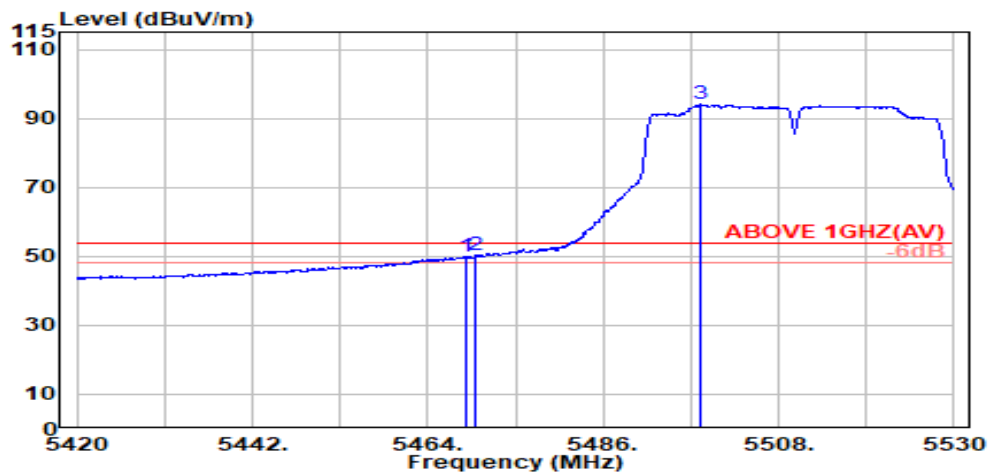
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Mode	802.11n-HT40	U-NII Band	U-NII Band 2C
		Frequency	TX 5510MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5467.900	34.10	8.67	39.07	54.21	57.90	74.00	16.10	Peak
5470.000	34.10	8.67	39.07	53.73	57.43	74.00	16.57	Peak
@ 5506.300	34.09	8.70	39.07	98.49	102.21	---	---	Peak



Antenna at Vertical Polarization

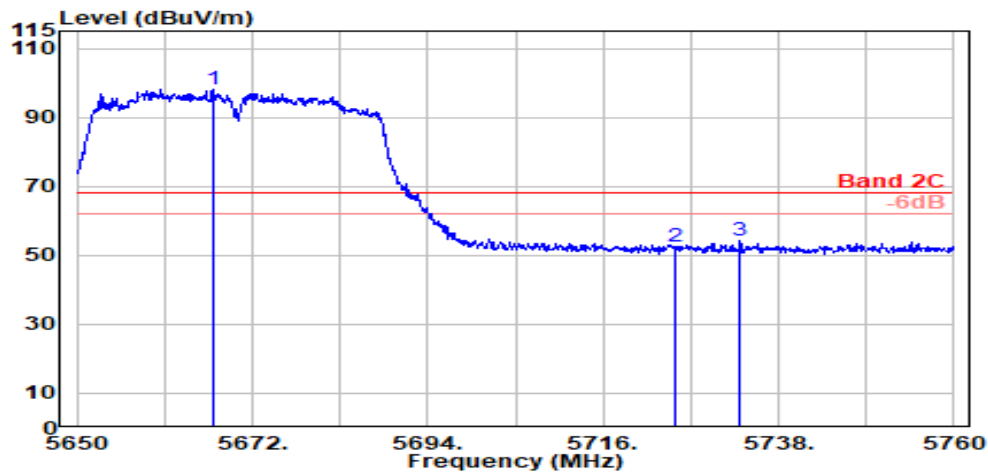
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5468.700	34.10	8.67	39.07	46.09	49.79	54.00	4.21	Average
5470.000	34.10	8.67	39.07	46.60	50.29	54.00	3.71	Average
@ 5498.300	34.10	8.70	39.07	90.23	93.96	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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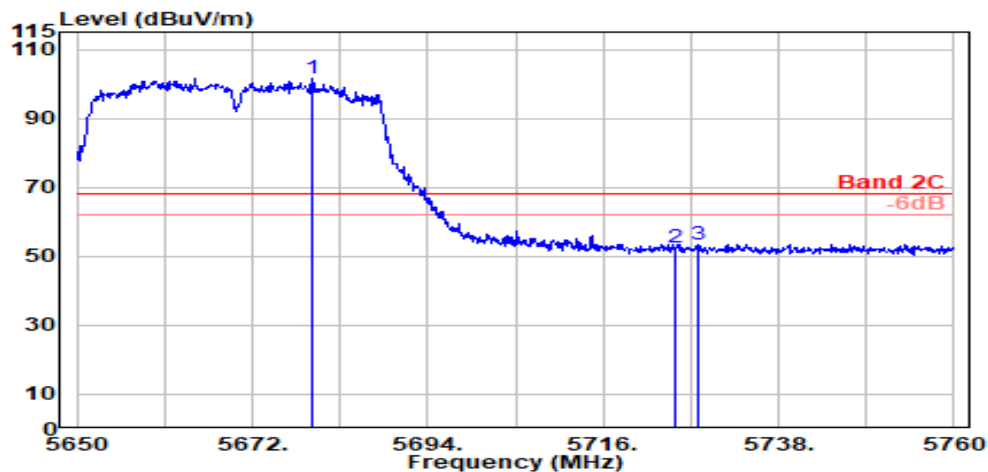
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Mode	802.11n-HT40	U-NII Band	U-NII Band 2C
		Frequency	TX 5670MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5667.000	33.60	8.87	39.12	94.57	97.92	---	---	Peak
5725.000	33.60	8.92	39.14	49.07	52.46	68.20	15.74	Peak
5733.200	33.67	8.93	39.14	50.61	54.07	68.20	14.13	Peak



Antenna at Vertical Polarization

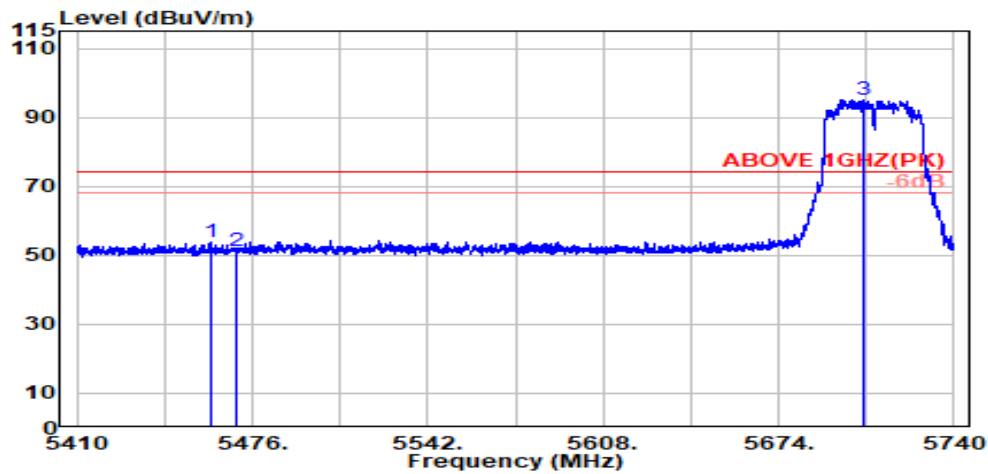
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5679.600	33.52	8.88	39.13	98.38	101.66	---	---	Peak
5725.000	33.60	8.92	39.14	49.19	52.57	68.20	15.63	Peak
5727.900	33.62	8.93	39.14	50.16	53.57	68.20	14.63	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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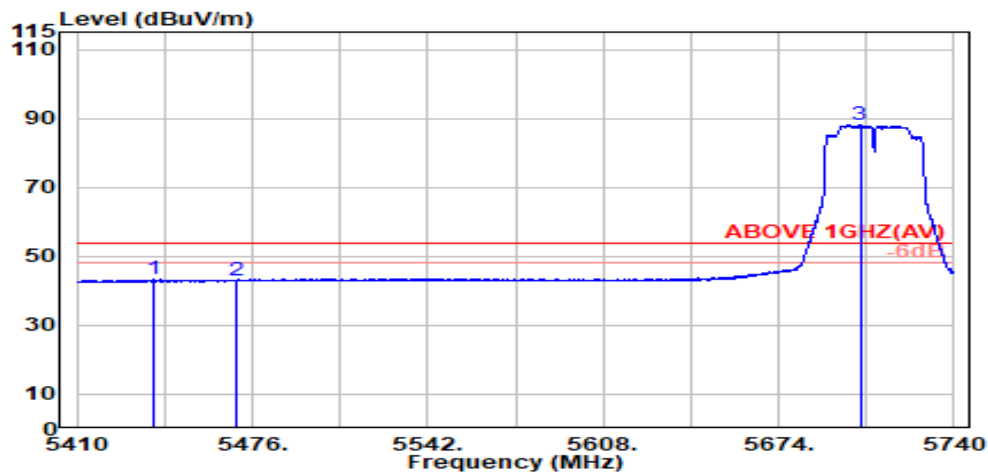
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Mode	802.11n-HT40	U-NII Band	U-NII Band 2C
		Frequency	TX 5710 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5460.100	34.10	8.66	39.07	50.11	53.80	74.00	20.20	Peak
5470.000	34.10	8.67	39.07	47.68	51.37	74.00	22.63	Peak
@ 5706.400	33.45	8.91	39.13	91.92	95.15	---	---	Peak

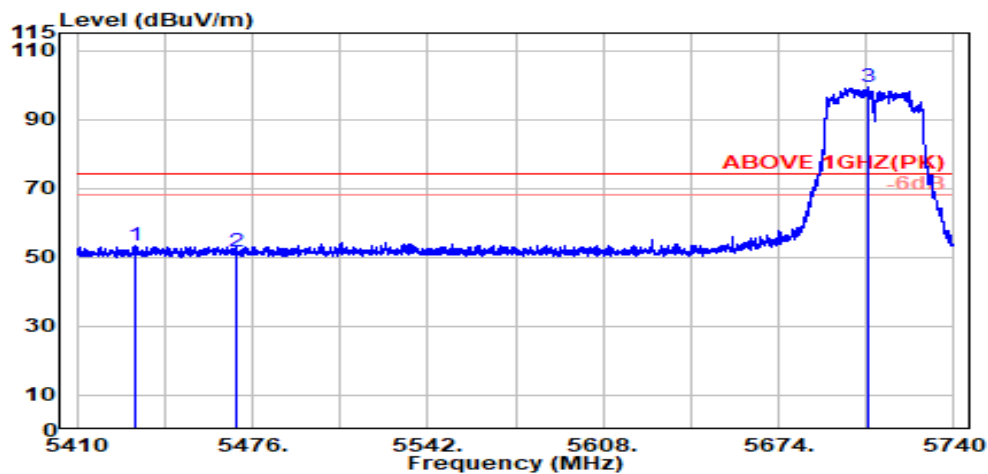


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5438.500	34.08	8.63	39.07	39.56	43.20	54.00	10.80	Average
5470.000	34.10	8.67	39.07	39.24	42.94	54.00	11.06	Average
@ 5704.700	33.44	8.90	39.13	84.90	88.11	---	---	Average

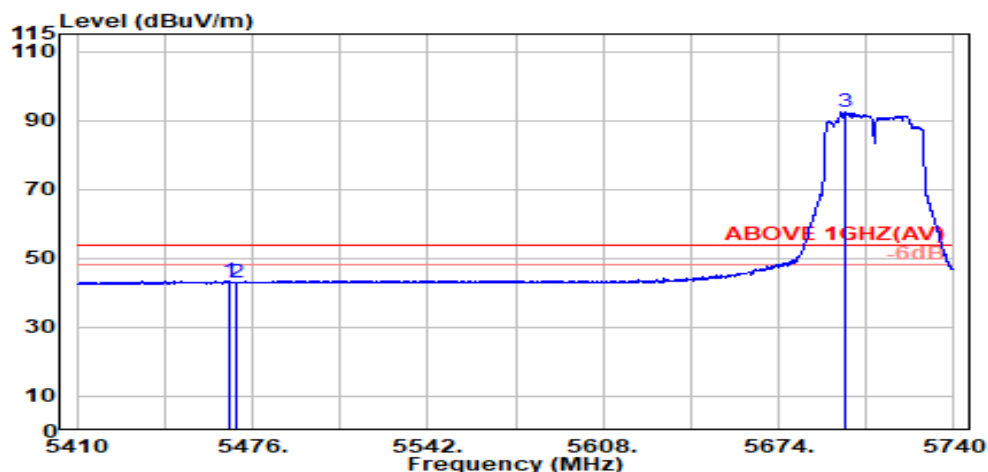
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT40	U-NII Band	U-NII Band 2C
		Frequency	TX 5710 MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5432.300	34.06	8.63	39.07	49.75	53.37	74.00	20.63	Peak
5470.000	34.10	8.67	39.07	47.96	51.66	74.00	22.34	Peak
@ 5707.500	33.46	8.91	39.13	96.30	99.54	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.400	34.10	8.66	39.07	39.70	43.40	54.00	10.60	Average
5470.000	34.10	8.67	39.07	39.19	42.89	54.00	11.11	Average
@ 5699.100	33.41	8.90	39.13	89.21	92.39	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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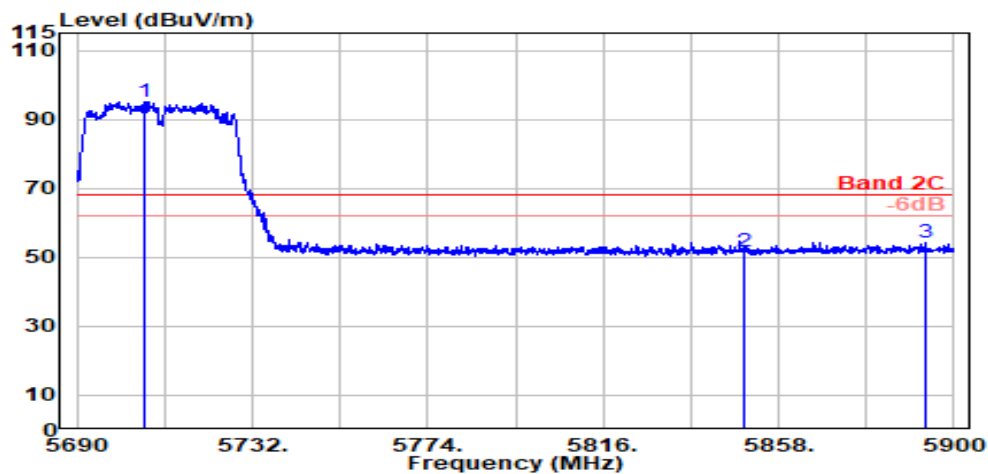
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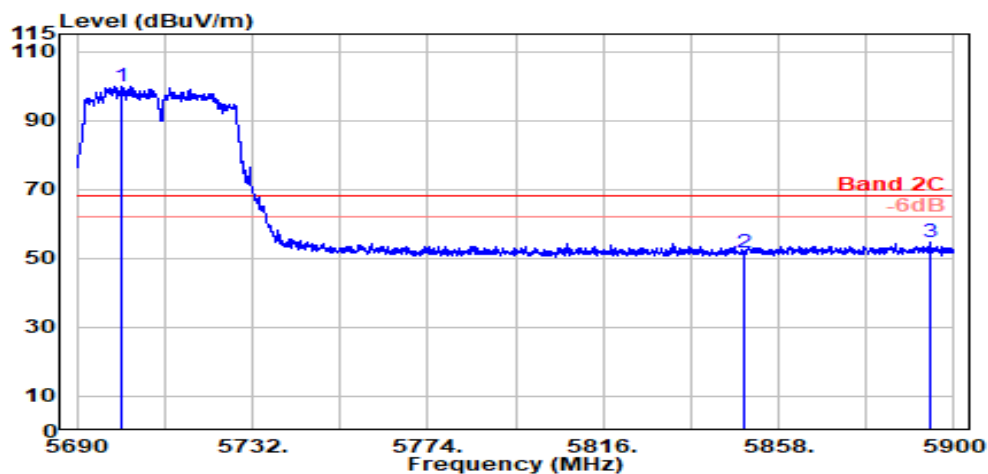
Fax: +886 2 26099303

Mode	802.11n-HT40	U-NII Band	U-NII Band 2C
		Frequency	TX 5710 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5706.400	33.45	8.91	39.13	91.67	94.90	---	---	Peak
5850.000	33.90	9.05	39.18	47.79	51.56	68.20	16.64	Peak
5893.300	34.16	9.09	39.19	50.37	54.43	68.20	13.77	Peak



Antenna at Vertical Polarization

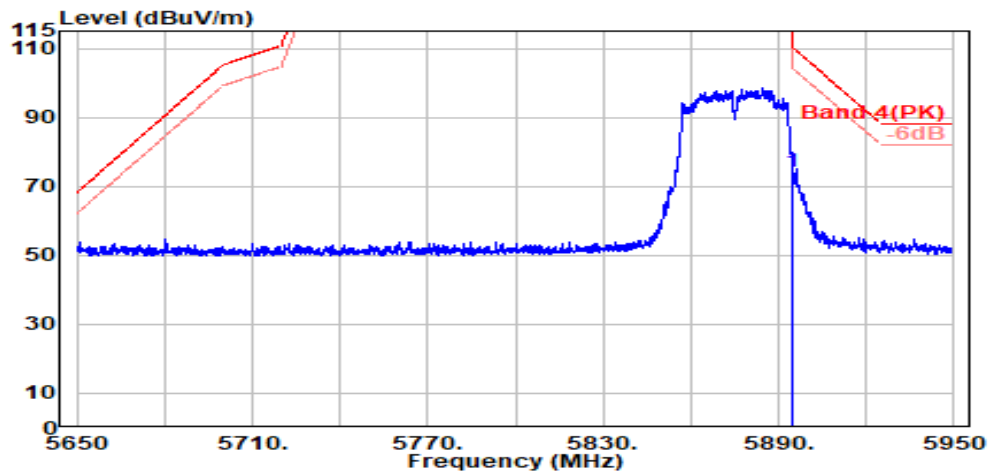
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5700.800	33.41	8.90	39.13	96.66	99.83	---	---	Peak
5850.000	33.90	9.05	39.18	47.76	51.53	68.20	16.67	Peak
5894.400	34.17	9.09	39.19	50.41	54.47	68.20	13.73	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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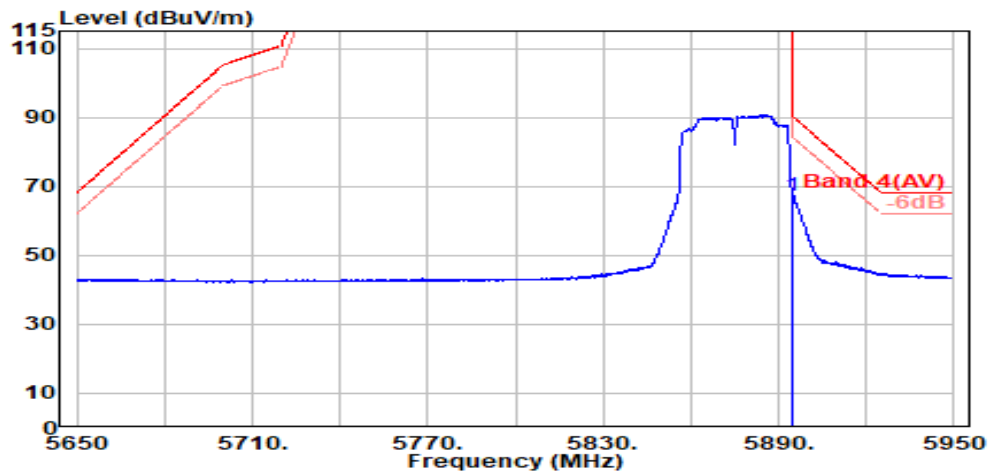
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Mode	802.11n-HT40	U-NII Band	U-NII Band 4
		Frequency	TX 5875MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	70.07	74.14	110.20	36.06	Peak



Antenna at Horizontal Polarization

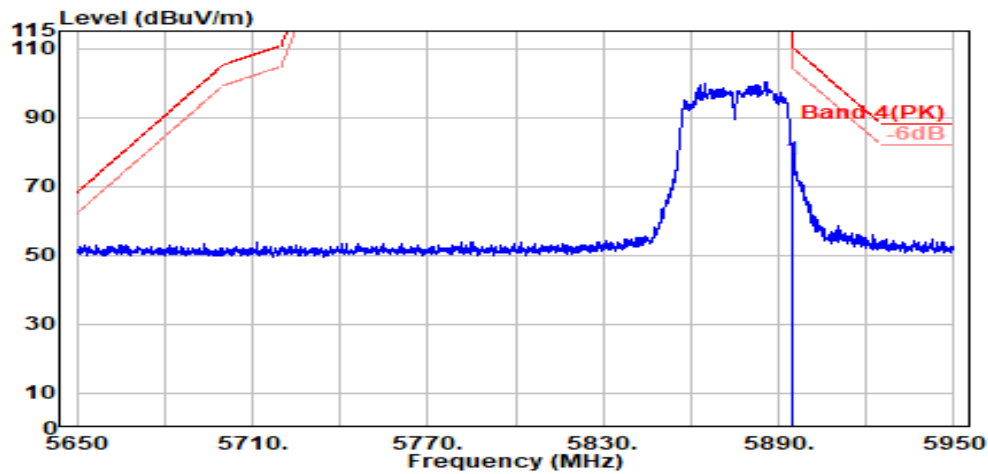
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	63.41	67.48	90.20	22.72	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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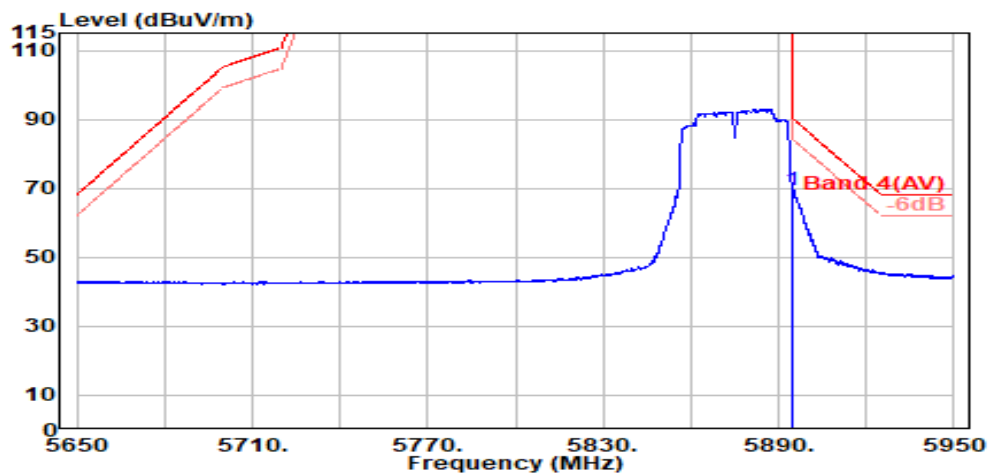
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Mode	802.11n-HT40	U-NII Band	U-NII Band 4
		Frequency	TX 5875MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	73.78	77.85	110.20	32.35	Peak



Antenna at Vertical Polarization

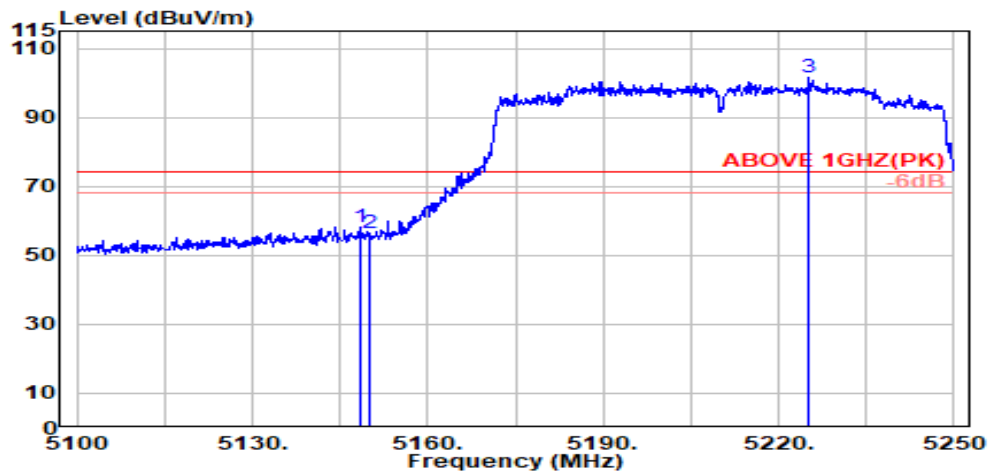
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	65.57	69.64	90.20	20.56	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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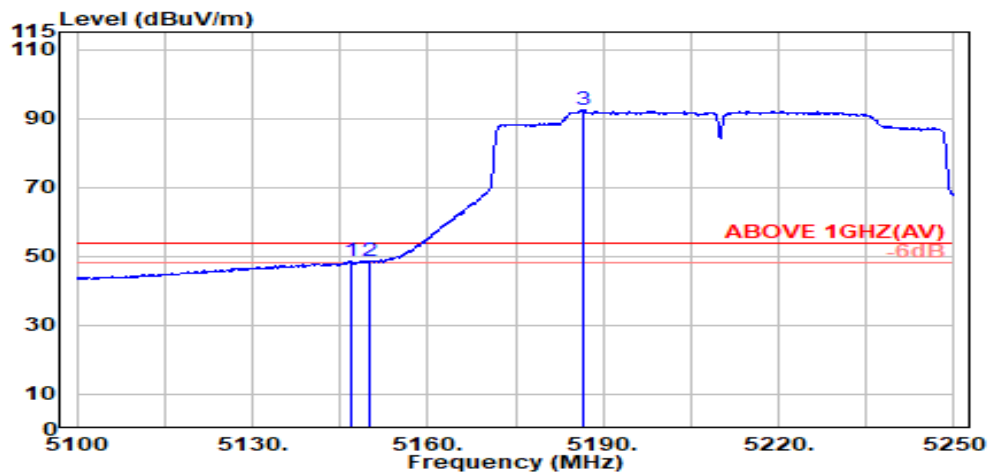
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 1
		Frequency	TX 5210MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.400	33.60	8.33	39.09	55.20	58.03	74.00	15.97	Peak
5150.000	33.60	8.33	39.09	53.42	56.25	74.00	17.75	Peak
@ 5225.100	33.65	8.41	39.09	98.56	101.53	---	---	Peak



Antenna at Horizontal Polarization

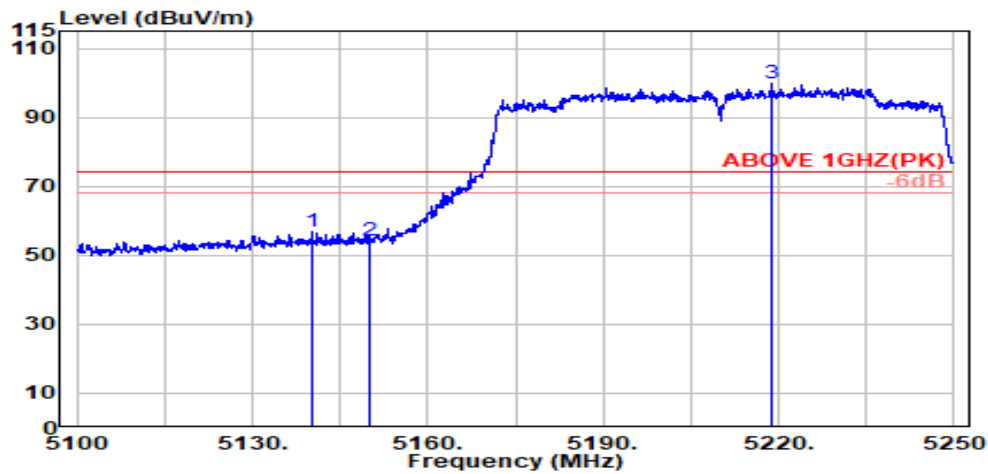
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.100	33.59	8.32	39.09	45.74	48.57	54.00	5.43	Average
5150.000	33.60	8.33	39.09	45.69	48.53	54.00	5.47	Average
@ 5186.500	33.60	8.37	39.09	89.70	92.58	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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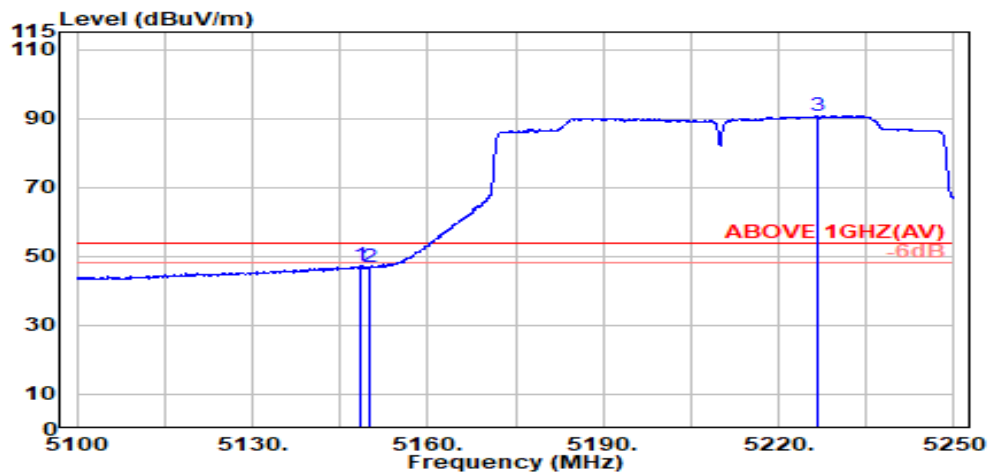
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 1
		Frequency	TX 5210MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5140.300	33.58	8.32	39.09	54.16	56.96	74.00	17.04	Peak
5150.000	33.60	8.33	39.09	51.34	54.18	74.00	19.82	Peak
@ 5218.800	33.64	8.40	39.09	96.68	99.63	---	---	Peak



Antenna at Vertical Polarization

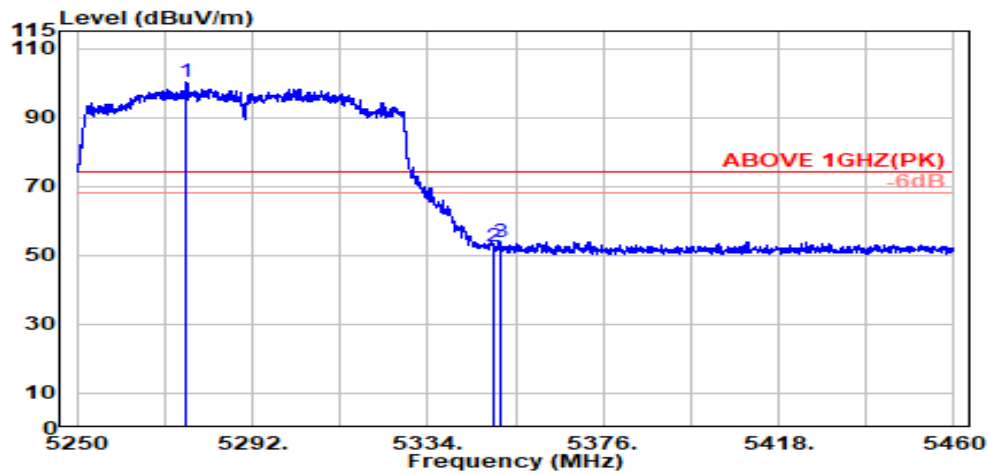
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.600	33.60	8.33	39.09	44.34	47.17	54.00	6.83	Average
5150.000	33.60	8.33	39.09	44.08	46.91	54.00	7.09	Average
@ 5226.500	33.65	8.41	39.09	87.81	90.79	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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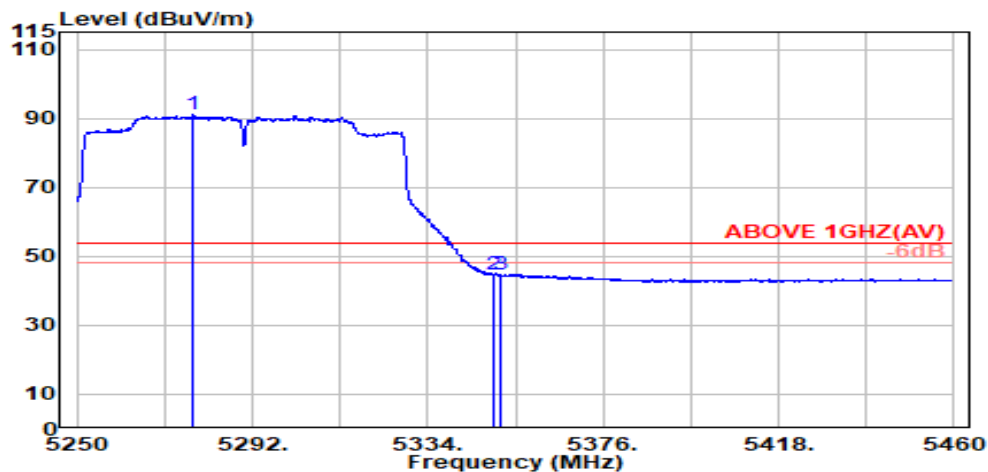
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2A
		Frequency	TX 5290MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5276.300	33.65	8.46	39.08	97.12	100.15	---	---	Peak
5350.000	33.70	8.54	39.08	49.17	52.33	74.00	21.67	Peak
5351.200	33.71	8.54	39.08	50.79	53.96	74.00	20.04	Peak

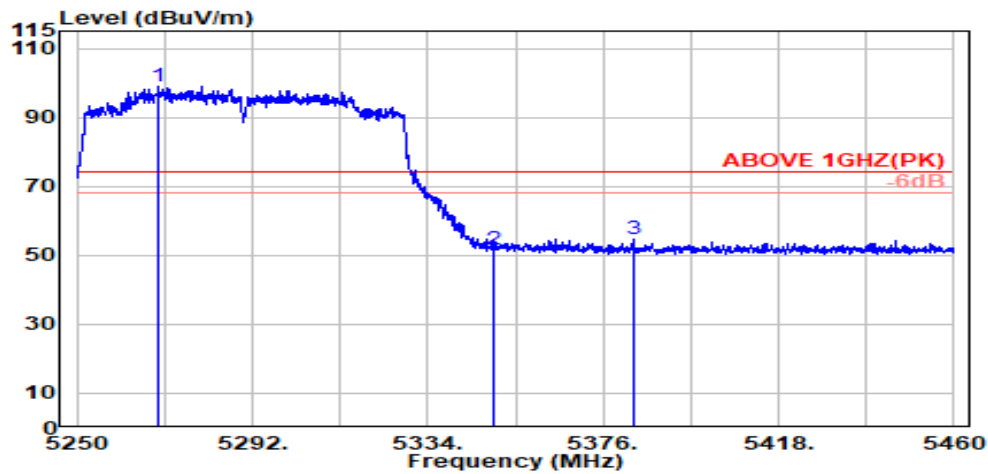


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5277.800	33.64	8.47	39.08	87.90	90.93	---	---	Average
5350.000	33.70	8.54	39.08	41.37	44.53	54.00	9.47	Average
5351.400	33.71	8.54	39.08	41.66	44.84	54.00	9.16	Average

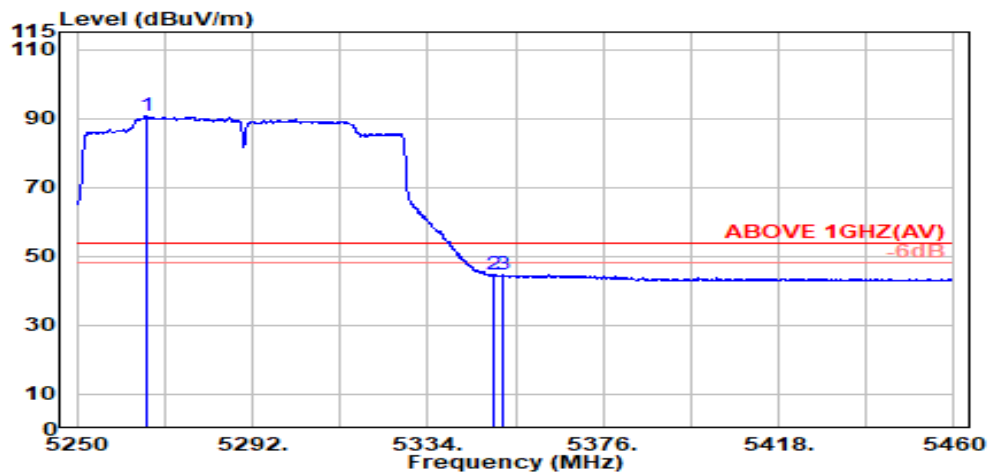
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2A
		Frequency	TX 5290MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5269.500	33.66	8.46	39.08	95.79	98.83	---	---	Peak
5350.000	33.70	8.54	39.08	48.68	51.84	74.00	22.16	Peak
5383.100	33.90	8.58	39.08	51.33	54.72	74.00	19.28	Peak



Antenna at Vertical Polarization

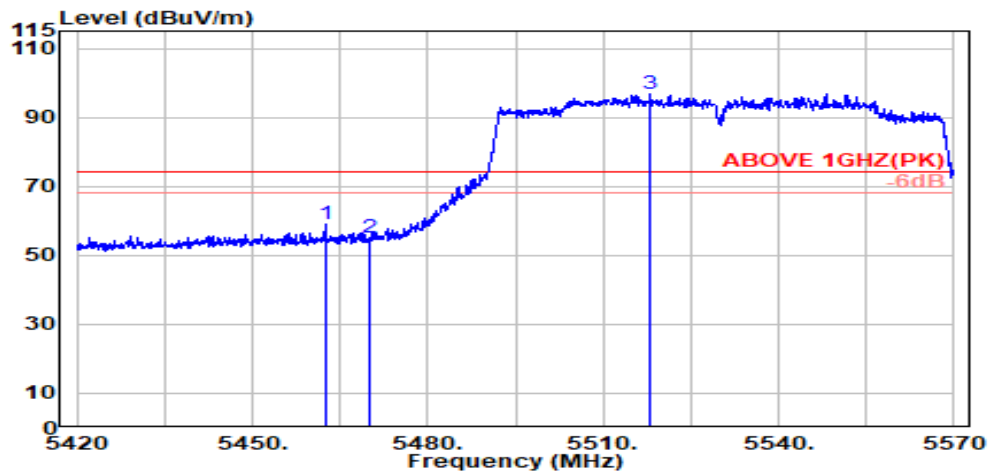
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5266.700	33.67	8.45	39.08	87.84	90.88	---	---	Average
5350.000	33.70	8.54	39.08	41.45	44.61	54.00	9.39	Average
5351.900	33.71	8.54	39.08	41.42	44.60	54.00	9.40	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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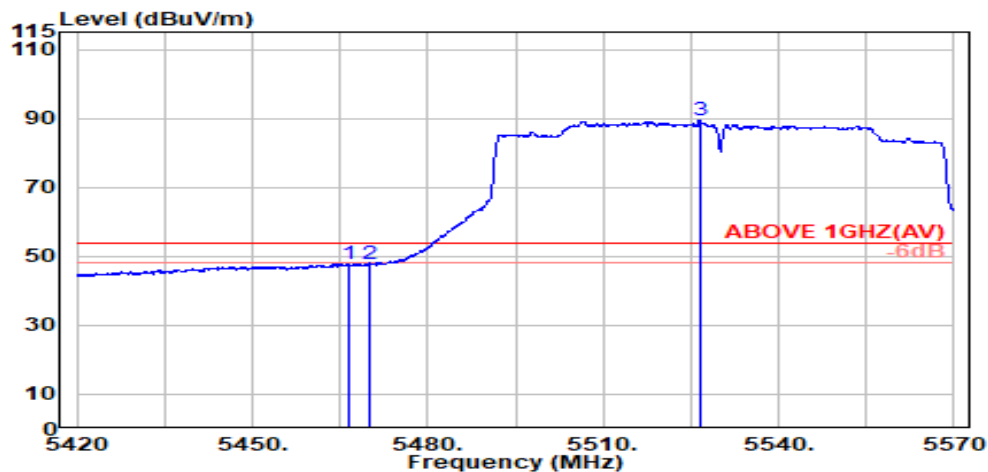
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2C
		Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.500	34.10	8.66	39.07	55.12	58.81	74.00	15.19	Peak
5470.000	34.10	8.67	39.07	51.45	55.14	74.00	18.86	Peak
@ 5518.000	34.06	8.72	39.08	93.20	96.91	---	---	Peak



Antenna at Horizontal Polarization

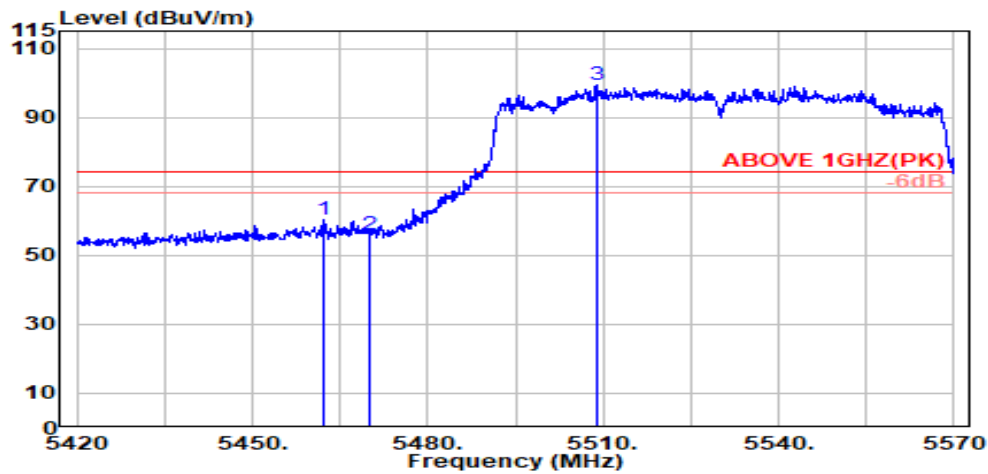
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5466.700	34.10	8.66	39.07	44.08	47.77	54.00	6.23	Average
5470.000	34.10	8.67	39.07	43.94	47.64	54.00	6.36	Average
@ 5526.500	34.05	8.73	39.08	85.64	89.34	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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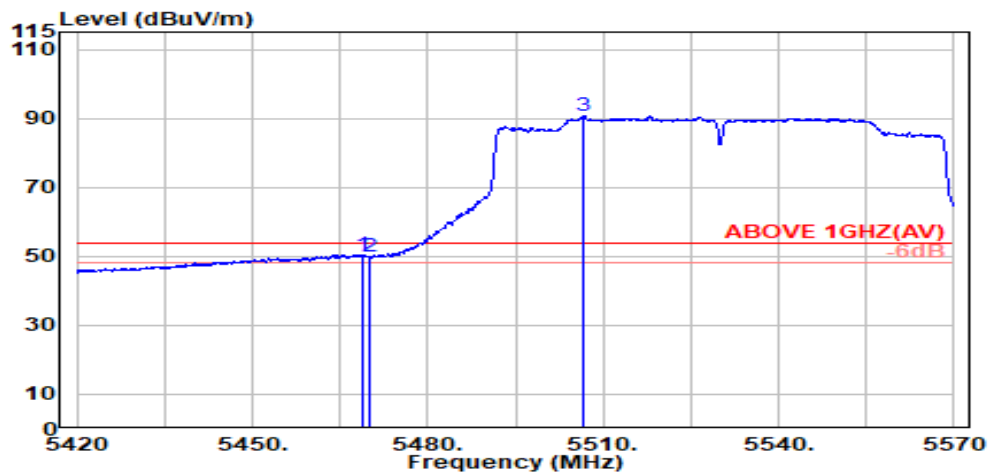
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2C
		Frequency	TX 5530MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.300	34.10	8.66	39.07	56.62	60.31	74.00	13.69	Peak
5470.000	34.10	8.67	39.07	52.18	55.88	74.00	18.12	Peak
@ 5508.800	34.08	8.71	39.07	95.61	99.32	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.700	34.10	8.67	39.07	46.80	50.50	54.00	3.50	Average
5470.000	34.10	8.67	39.07	46.00	49.70	54.00	4.30	Average
@ 5506.700	34.09	8.71	39.07	87.03	90.75	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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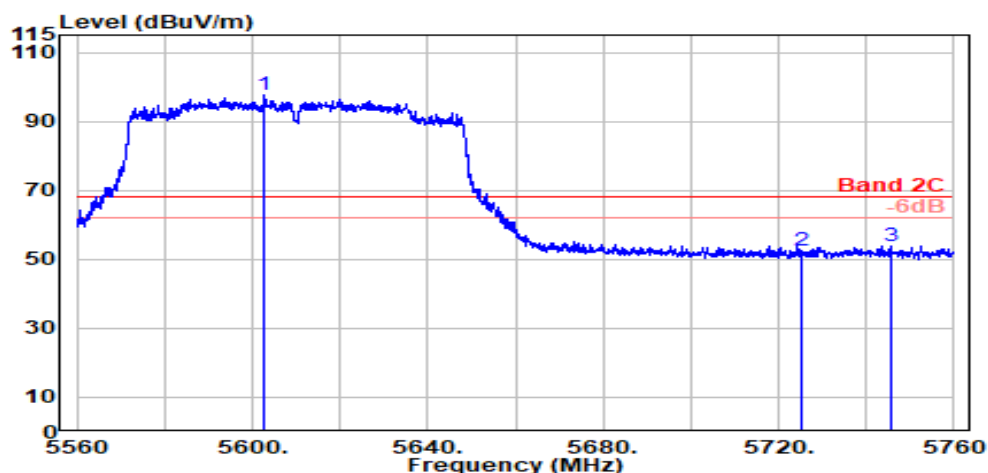
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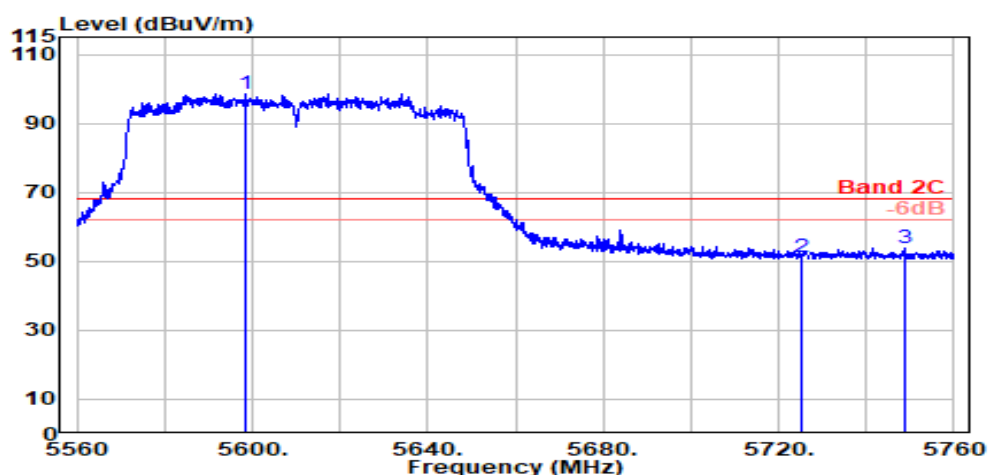
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2C
		Frequency	TX 5610MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5602.800	33.79	8.80	39.10	94.26	97.75	---	---	Peak
5725.000	33.60	8.92	39.14	49.01	52.39	68.20	15.81	Peak
5745.600	33.76	8.95	39.15	50.40	53.97	68.20	14.23	Peak

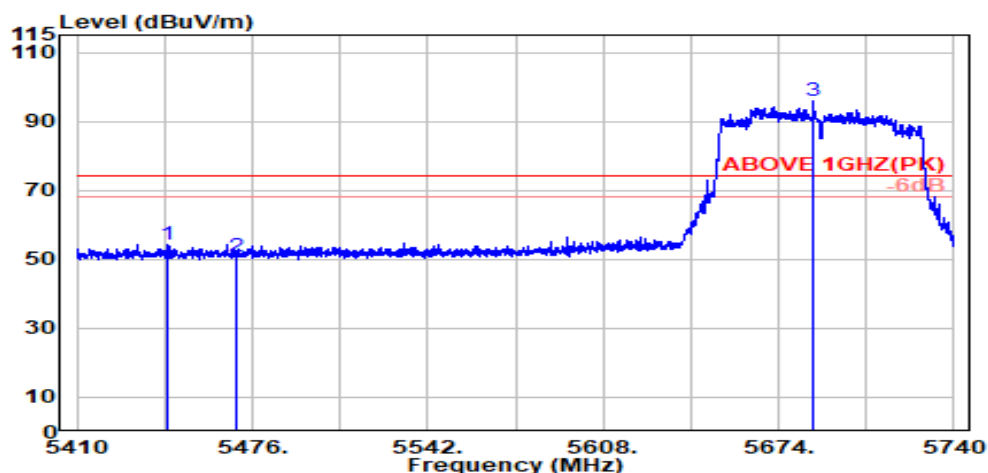


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5598.300	33.81	8.80	39.10	95.06	98.56	---	---	Peak
5725.000	33.60	8.92	39.14	47.64	51.02	68.20	17.18	Peak
5748.800	33.79	8.95	39.15	50.38	53.98	68.20	14.22	Peak

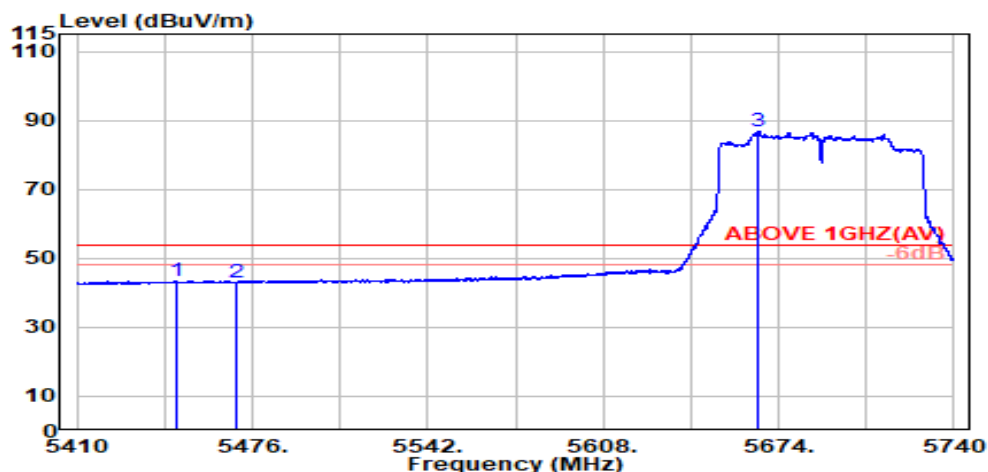
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2C
		Frequency	TX 5690 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5444.000	34.09	8.64	39.07	50.64	54.30	74.00	19.70	Peak
5470.000	34.10	8.67	39.07	47.01	50.70	74.00	23.30	Peak
@ 5687.000	33.48	8.89	39.13	92.52	95.76	---	---	Peak



Antenna at Horizontal Polarization

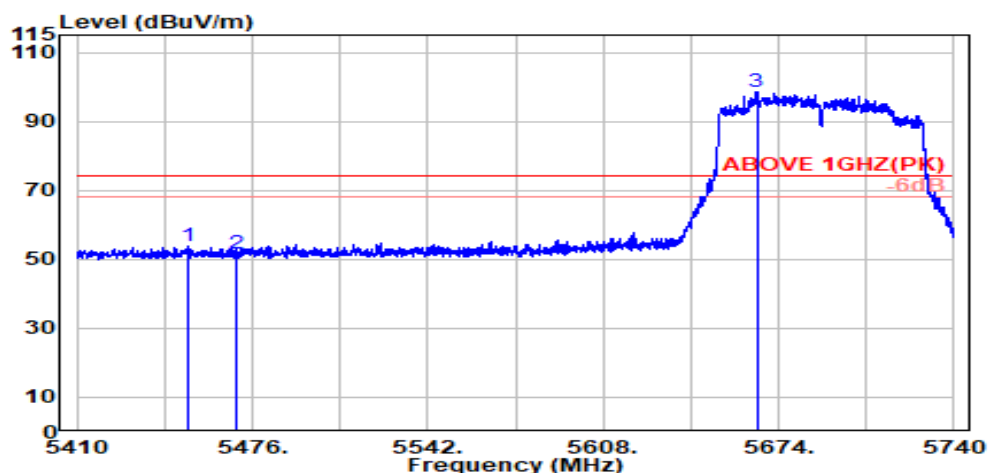
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5447.600	34.10	8.64	39.07	39.93	43.60	54.00	10.40	Average
5470.000	34.10	8.67	39.07	39.29	42.99	54.00	11.01	Average
@ 5666.500	33.60	8.87	39.12	83.44	86.79	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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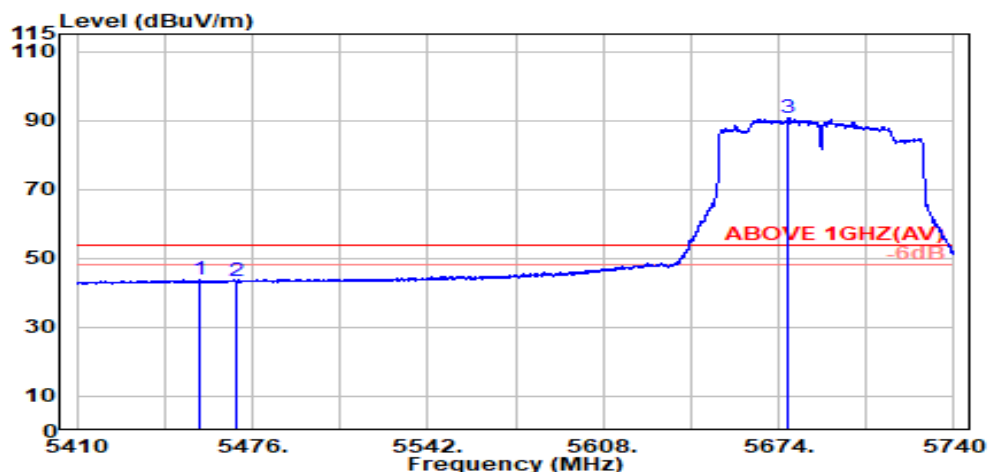
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2C
		Frequency	TX 5690 MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5452.200	34.10	8.65	39.07	49.98	53.66	74.00	20.34	Peak
5470.000	34.10	8.67	39.07	47.82	51.51	74.00	22.49	Peak
@ 5665.800	33.60	8.87	39.12	95.25	98.60	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5456.200	34.10	8.65	39.07	40.33	44.01	54.00	9.99	Average
5470.000	34.10	8.67	39.07	39.72	43.42	54.00	10.58	Average
@ 5677.700	33.53	8.88	39.12	87.56	90.85	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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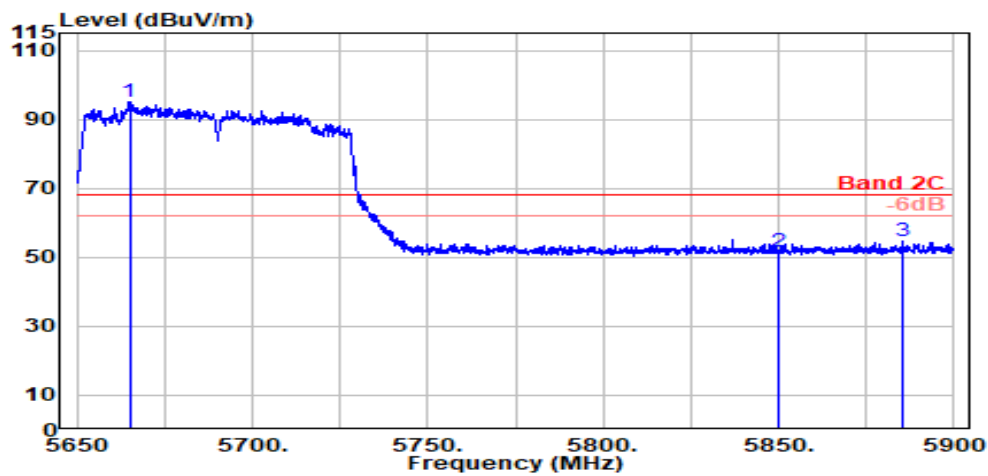
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Tel: +886 2 26099301

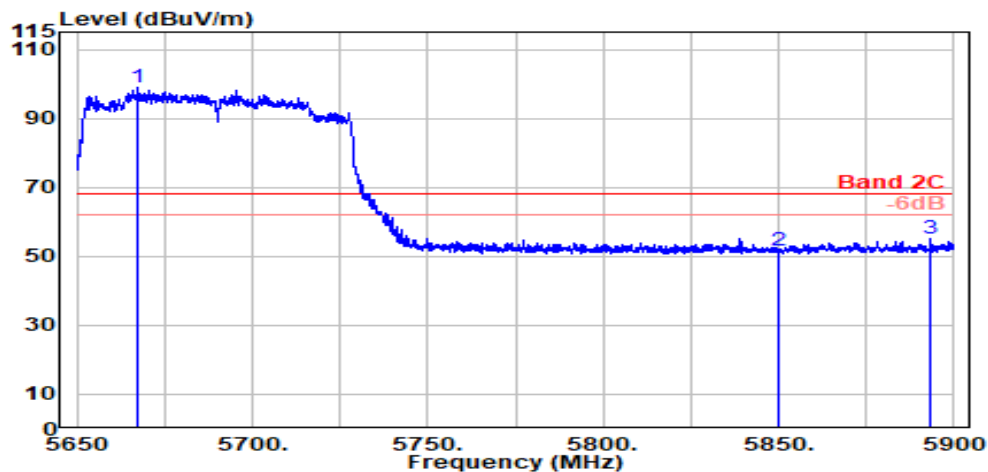
Fax: +886 2 26099303

Mode	802.11ac-VHT80	U-NII Band	U-NII Band 2C
		Frequency	TX 5690 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5665.000	33.61	8.87	39.12	91.73	95.09	---	---	Peak
5850.000	33.90	9.05	39.18	47.96	51.73	68.20	16.47	Peak
5885.500	34.11	9.08	39.19	50.54	54.54	68.20	13.66	Peak



Antenna at Vertical Polarization

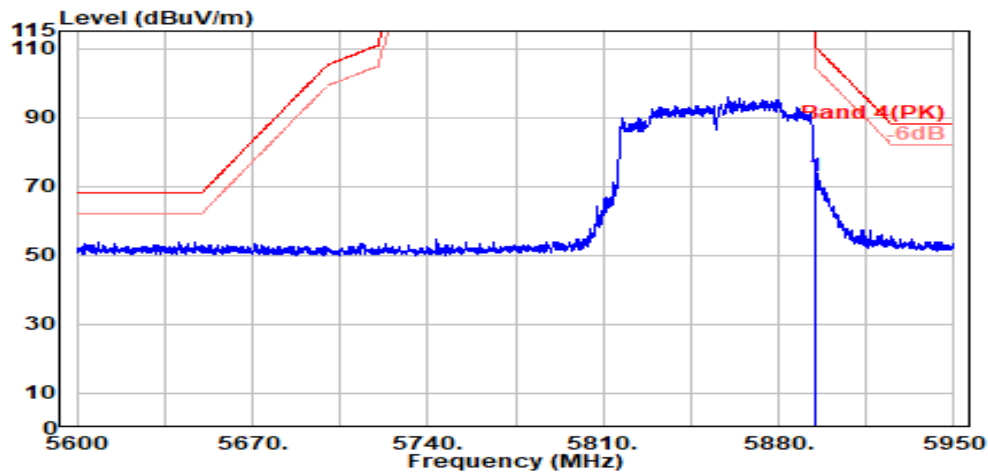
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5667.300	33.60	8.87	39.12	95.39	98.73	---	---	Peak
5850.000	33.90	9.05	39.18	47.98	51.75	68.20	16.45	Peak
5893.200	34.16	9.09	39.19	51.07	55.13	68.20	13.07	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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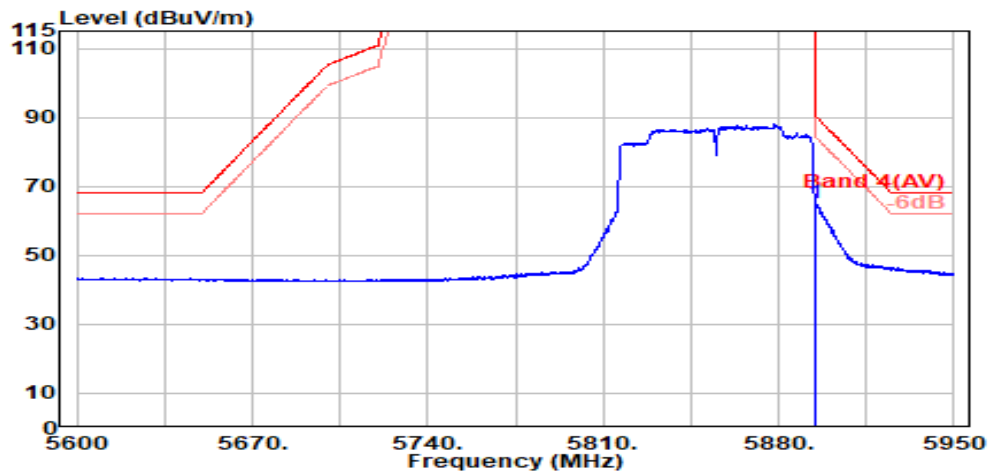
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Mode	802.11ac-VHT80	U-NII Band	U-NII Band 4
		Frequency	TX 5855MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.050	34.17	9.09	39.19	68.73	72.80	110.16	37.36	Peak



Antenna at Horizontal Polarization

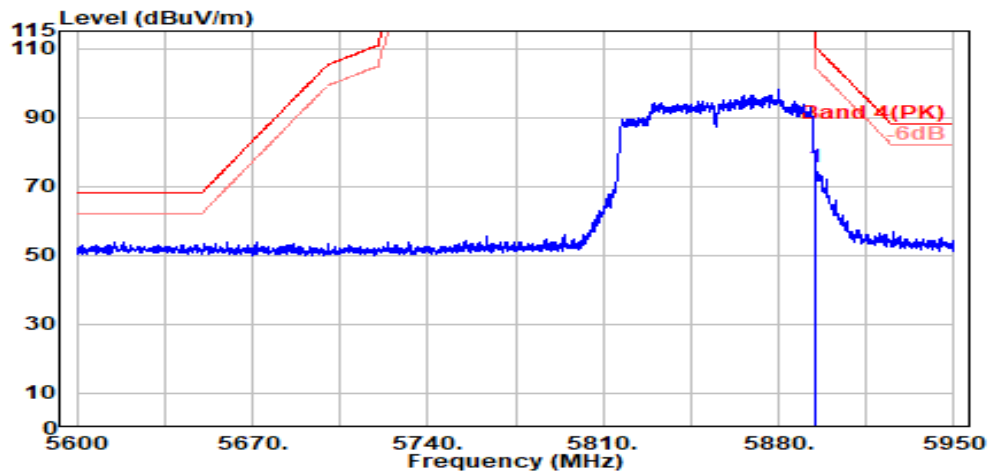
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@ 5895.050	34.17	9.09	39.19	61.17	65.24	90.16	24.93	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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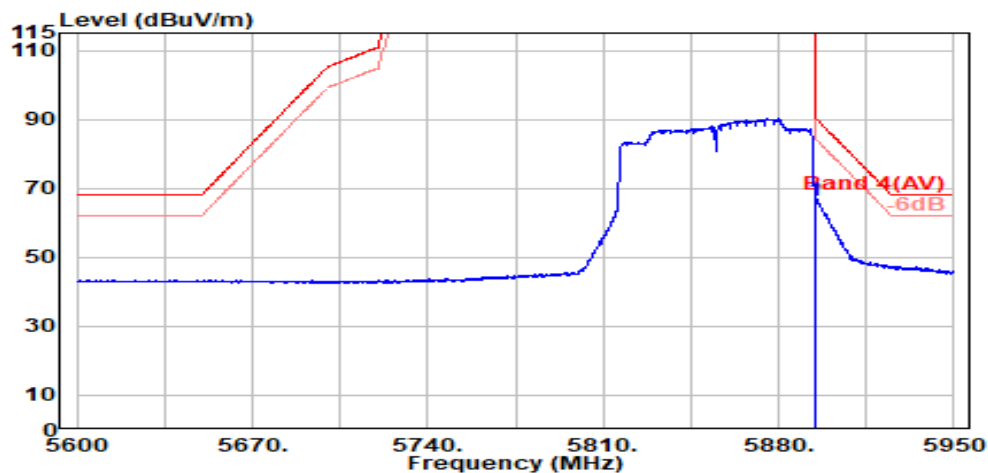
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Fax: +886 2 26099303

Mode	802.11ac-VHT80	U-NII Band	U-NII Band 4
		Frequency	TX 5855MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.050	34.17	9.09	39.19	71.54	75.61	110.16	34.55	Peak



Antenna at Vertical Polarization

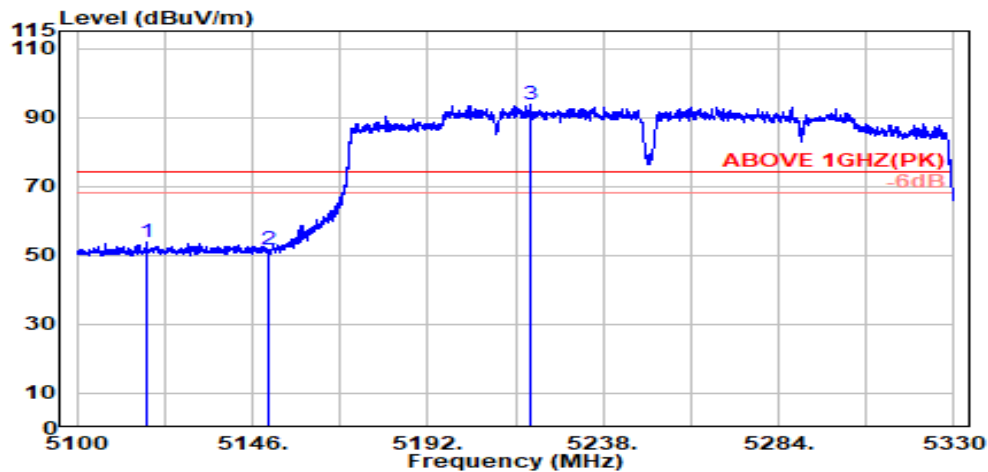
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.050	34.17	9.09	39.19	62.50	66.57	90.16	23.59	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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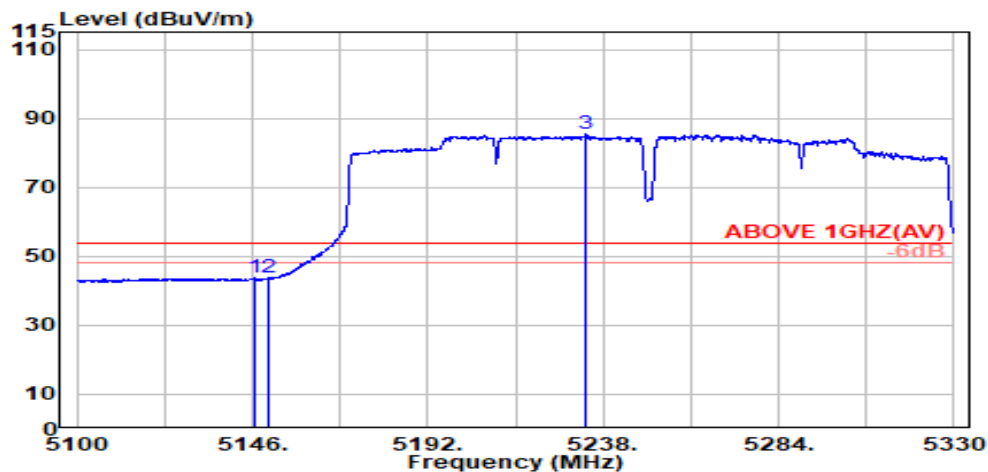
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Mode	802.11ac-VHT160	U-NII Band	U-NII Band 1/2A
		Frequency	TX 5250MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5118.100	33.54	8.29	39.09	51.14	53.87	74.00	20.13	Peak
5150.000	33.60	8.33	39.09	48.80	51.63	74.00	22.37	Peak
@ 5219.100	33.64	8.40	39.09	90.63	93.59	---	---	Peak

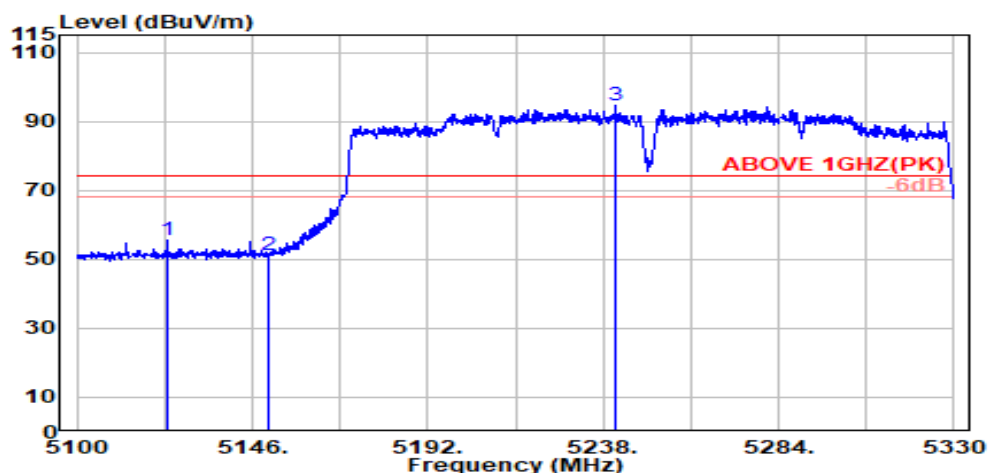


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.500	33.59	8.32	39.09	40.81	43.63	54.00	10.37	Average
5150.000	33.60	8.33	39.09	40.86	43.69	54.00	10.31	Average
@ 5233.400	33.67	8.42	39.09	82.48	85.48	---	---	Average

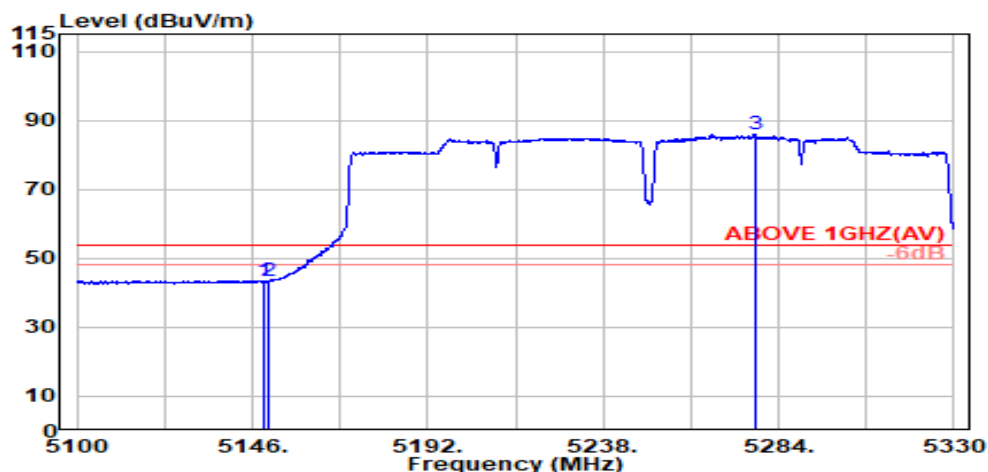
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VHT160	U-NII Band	U-NII Band 1/2A
		Frequency	TX 5250MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5123.700	33.55	8.30	39.09	52.60	55.35	74.00	18.65	Peak
5150.000	33.60	8.33	39.09	48.56	51.40	74.00	22.61	Peak
@ 5241.400	33.68	8.43	39.09	91.37	94.40	---	---	Peak



Antenna at Vertical Polarization

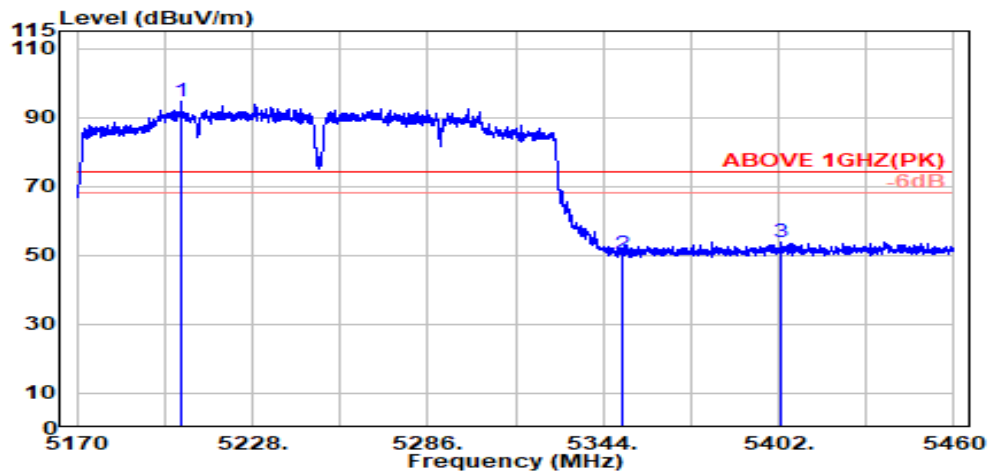
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.000	33.60	8.33	39.09	40.73	43.56	54.00	10.44	Average
5150.000	33.60	8.33	39.09	40.71	43.55	54.00	10.45	Average
@ 5277.800	33.64	8.47	39.08	82.90	85.93	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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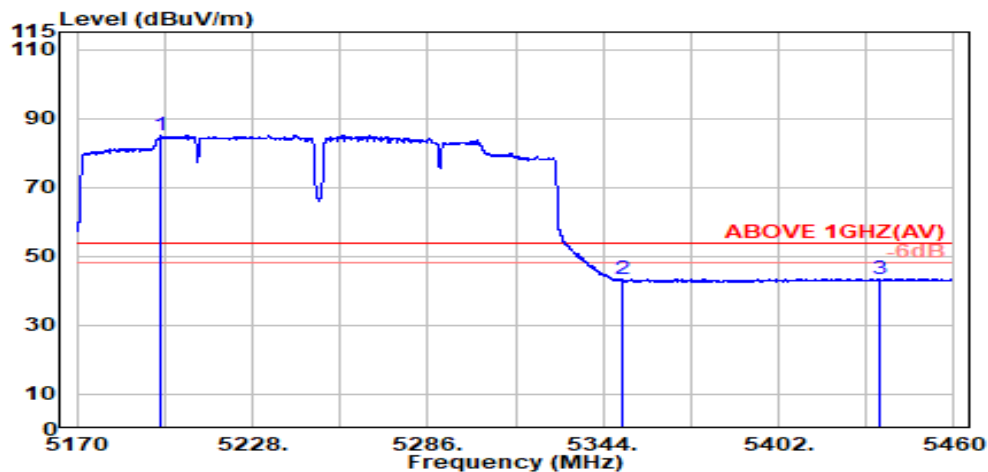
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Mode	802.11ac-VHT160	U-NII Band	U-NII Band 1/2A
		Frequency	TX 5250MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5204.400	33.61	8.39	39.09	91.51	94.41	---	---	Peak
5350.000	33.70	8.54	39.08	47.05	50.21	74.00	23.79	Peak
5402.600	34.01	8.60	39.08	50.47	53.99	74.00	20.01	Peak



Antenna at Horizontal Polarization

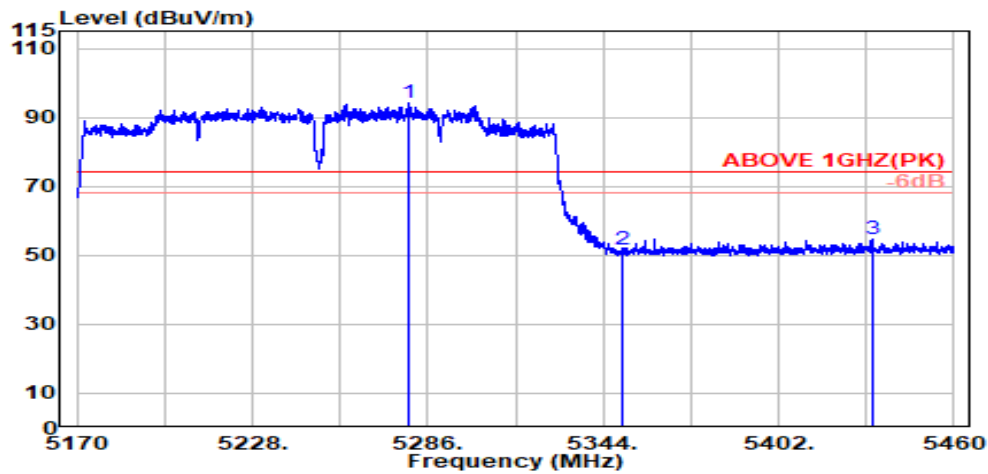
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5197.900	33.60	8.38	39.09	82.34	85.23	---	---	Average
5350.000	33.70	8.54	39.08	40.08	43.25	54.00	10.75	Average
5435.100	34.07	8.63	39.07	39.97	43.60	54.00	10.40	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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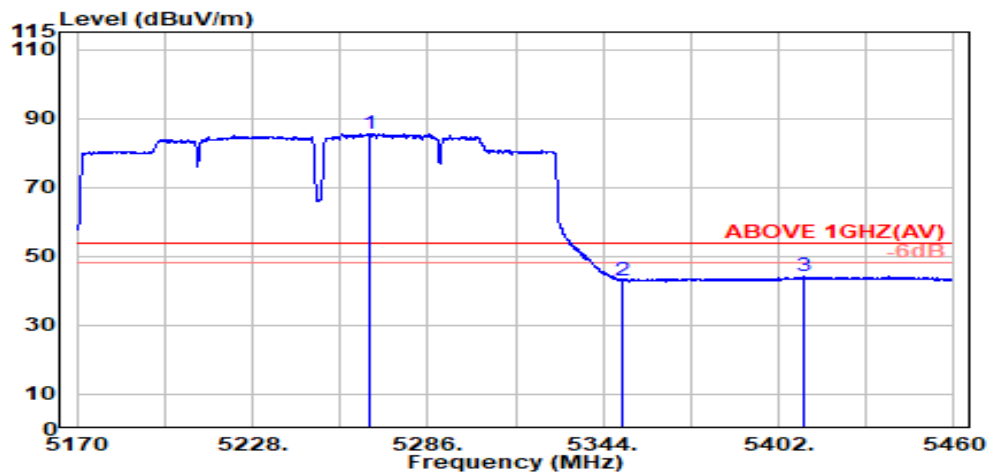
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Mode	802.11ac-VHT160	U-NII Band	U-NII Band 1/2A
		Frequency	TX 5250MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5280.000	33.64	8.47	39.08	91.16	94.19	---	---	Peak
5350.000	33.70	8.54	39.08	48.54	51.71	74.00	22.29	Peak
5433.200	34.07	8.63	39.07	51.03	54.66	74.00	19.34	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5267.100	33.67	8.45	39.08	82.56	85.59	---	---	Average
5350.000	33.70	8.54	39.08	39.95	43.12	54.00	10.88	Average
5410.000	34.02	8.61	39.08	40.50	44.05	54.00	9.95	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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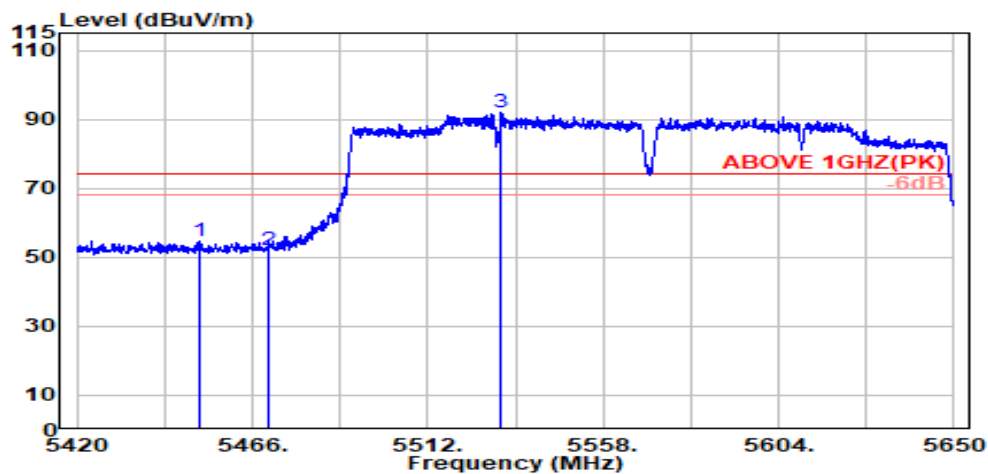
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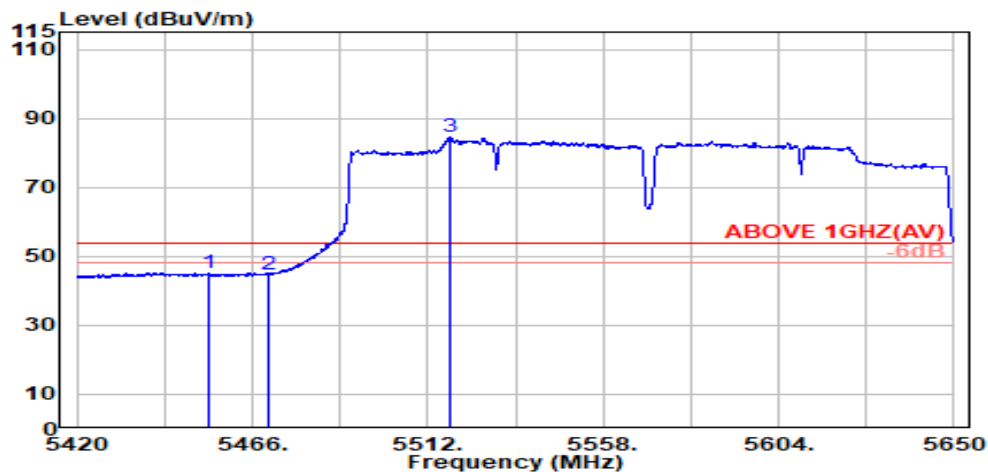
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Mode	802.11ac-VHT160	U-NII Band	U-NII Band 2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.900	34.10	8.65	39.07	50.91	54.59	74.00	19.41	Peak
5470.000	34.10	8.67	39.07	48.51	52.20	74.00	21.80	Peak
@ 5531.300	34.04	8.73	39.08	88.23	91.92	---	---	Peak

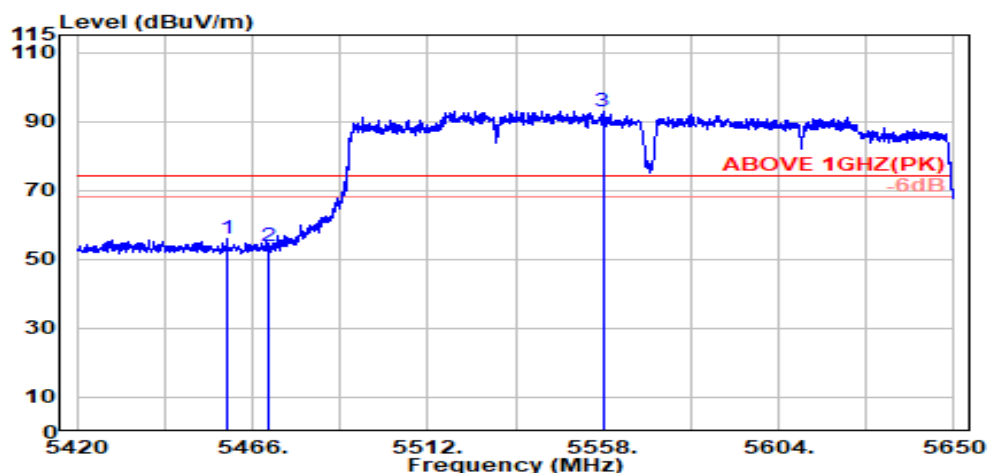


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5454.500	34.10	8.65	39.07	41.42	45.09	54.00	8.91	Average
5470.000	34.10	8.67	39.07	41.18	44.88	54.00	9.12	Average
@ 5517.700	34.06	8.72	39.08	80.92	84.62	---	---	Average

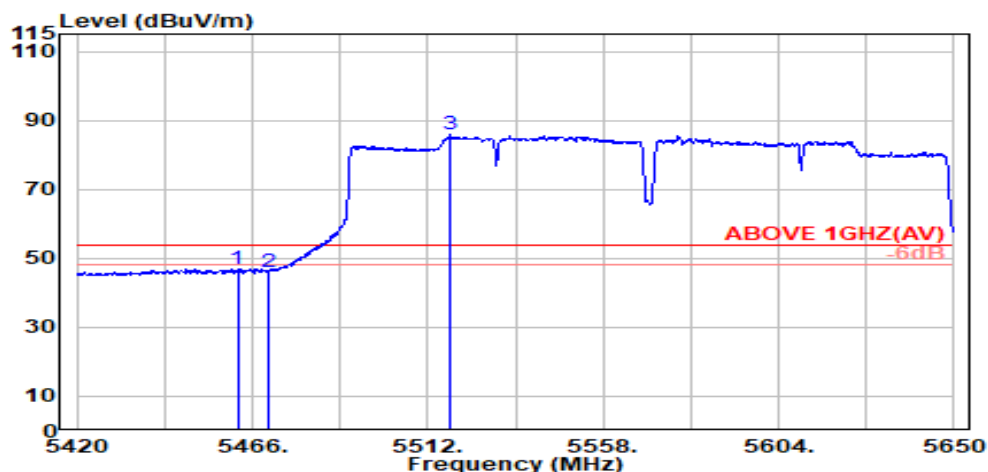
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VHT160	U-NII Band	U-NII Band 2C
		Frequency	TX 5570MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.400	34.10	8.66	39.07	52.37	56.06	74.00	17.94	Peak
5470.000	34.10	8.67	39.07	50.01	53.71	74.00	20.29	Peak
@ 5557.900	33.97	8.76	39.09	89.44	93.08	---	---	Peak

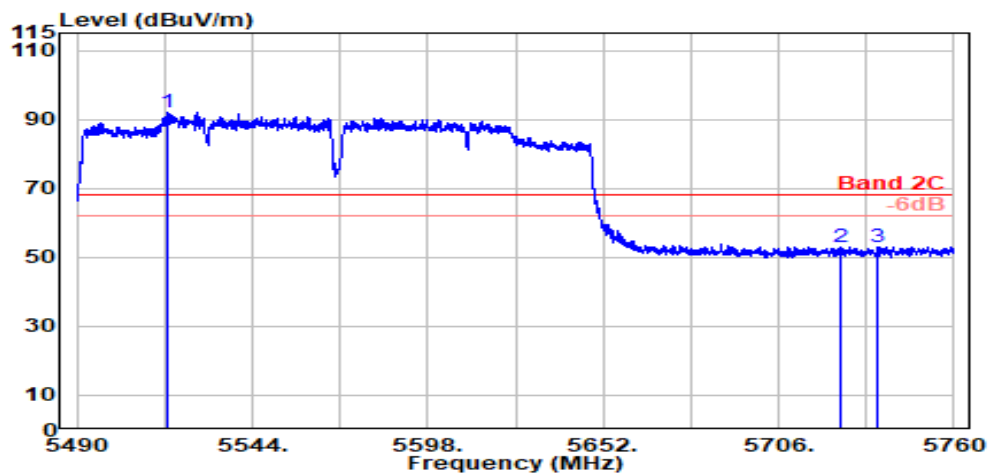


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.100	34.10	8.66	39.07	43.23	46.92	54.00	7.08	Average
5470.000	34.10	8.67	39.07	42.40	46.10	54.00	7.90	Average
@ 5517.900	34.06	8.72	39.08	82.09	85.79	---	---	Average

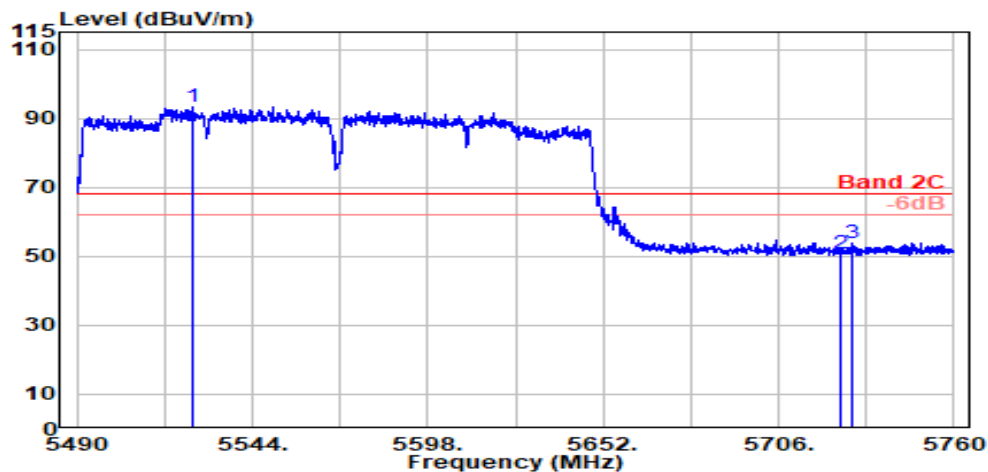
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VHT160	U-NII Band	U-NII Band 2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5517.900	34.06	8.72	39.08	88.44	92.15	---	---	Peak
5725.000	33.60	8.92	39.14	49.44	52.83	68.20	15.37	Peak
5736.600	33.69	8.94	39.14	49.66	53.15	68.20	15.05	Peak



Antenna at Vertical Polarization

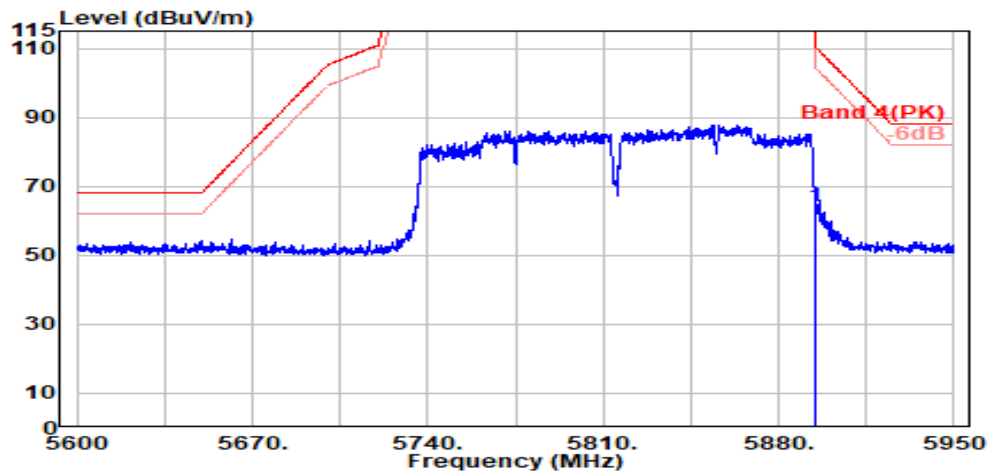
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5525.700	34.05	8.72	39.08	89.75	93.44	---	---	Peak
5725.000	33.60	8.92	39.14	47.52	50.91	68.20	17.29	Peak
5728.800	33.63	8.93	39.14	50.54	53.95	68.20	14.25	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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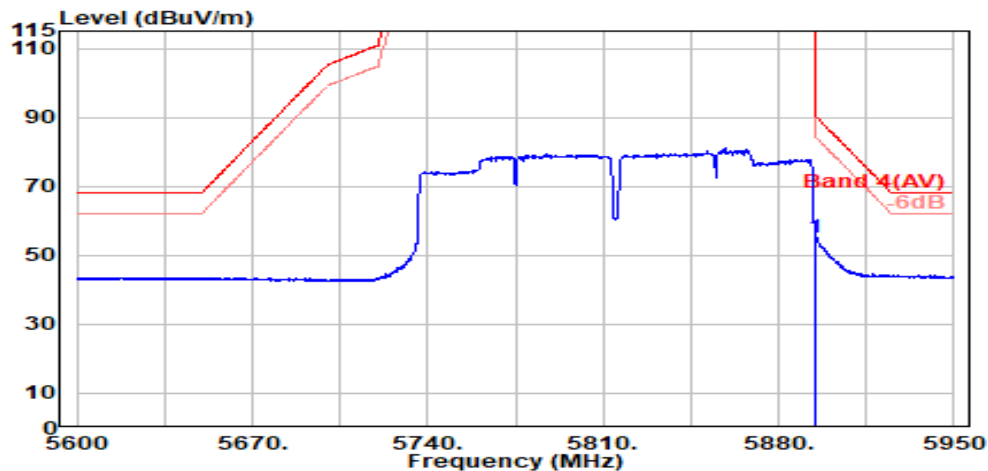
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Mode	802.11ac-VHT160	U-NII Band	U-NII Band 4
		Frequency	TX 5815MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.050	34.17	9.09	39.19	59.95	64.02	110.16	46.14	Peak



Antenna at Horizontal Polarization

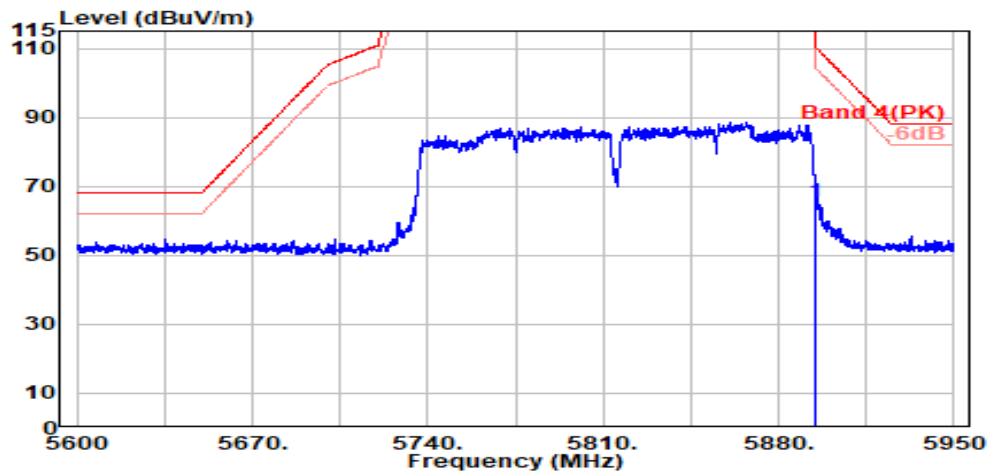
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@ 5895.050	34.17	9.09	39.19	51.16	55.23	90.16	34.93	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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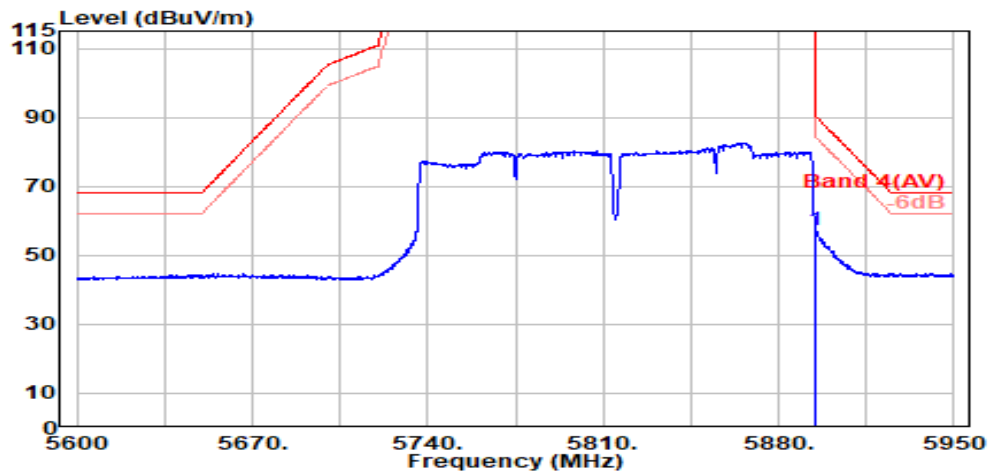
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Mode	802.11ac-VHT160	U-NII Band	U-NII Band 4
		Frequency	TX 5815MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.050	34.17	9.09	39.19	61.47	65.54	110.16	44.63	Peak

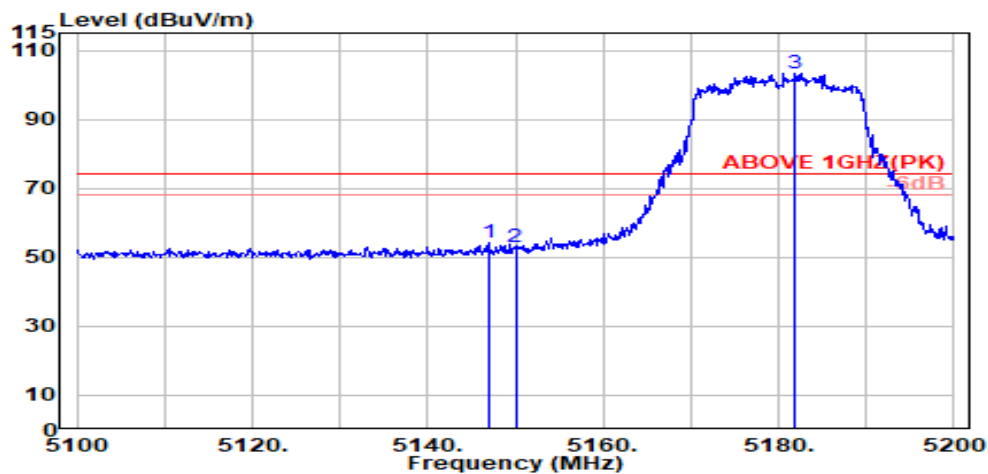


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.050	34.17	9.09	39.19	53.21	57.28	90.16	32.88	Average

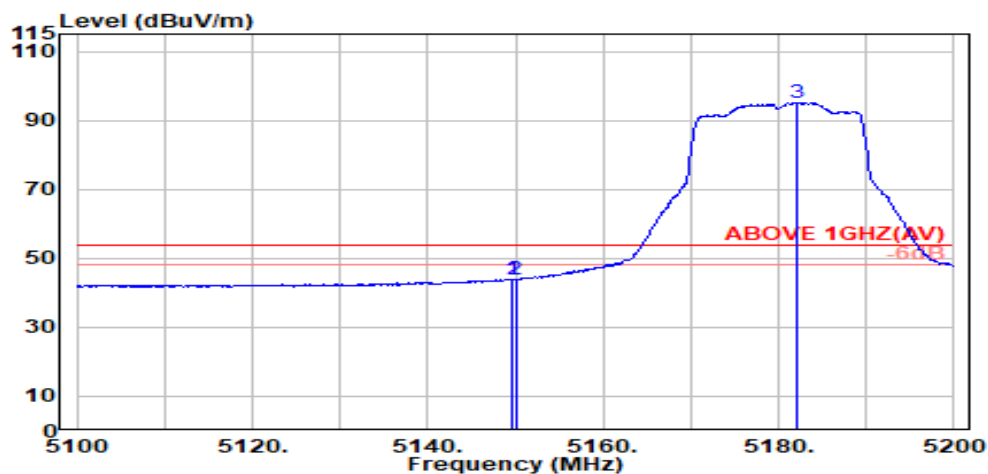
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	U-NII Band 1
		Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.900	33.59	8.32	39.09	51.29	54.11	74.00	19.89	Peak
5150.000	33.60	8.33	39.09	50.19	53.03	74.00	20.97	Peak
@ 5181.900	33.60	8.36	39.09	100.40	103.27	---	---	Peak



Antenna at Horizontal Polarization

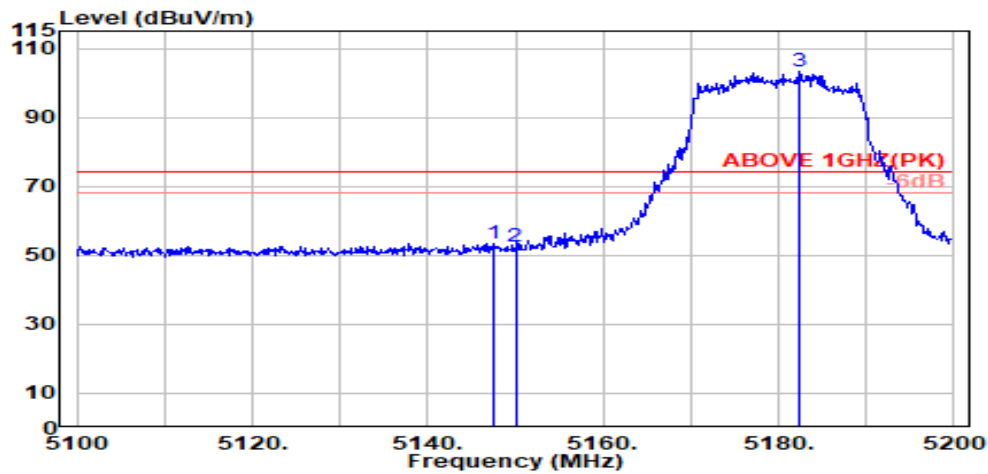
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.500	33.60	8.33	39.09	41.14	43.97	54.00	10.03	Average
5150.000	33.60	8.33	39.09	41.02	43.86	54.00	10.14	Average
@ 5182.000	33.60	8.36	39.09	92.20	95.08	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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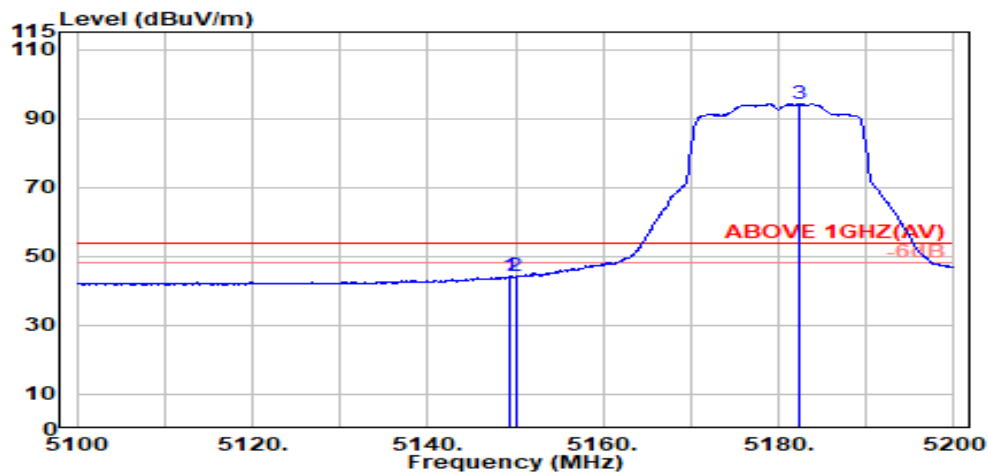
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 1
		Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.500	33.60	8.32	39.09	50.67	53.49	74.00	20.51	Peak
5150.000	33.60	8.33	39.09	49.84	52.67	74.00	21.33	Peak
@ 5182.400	33.60	8.36	39.09	100.27	103.15	---	---	Peak

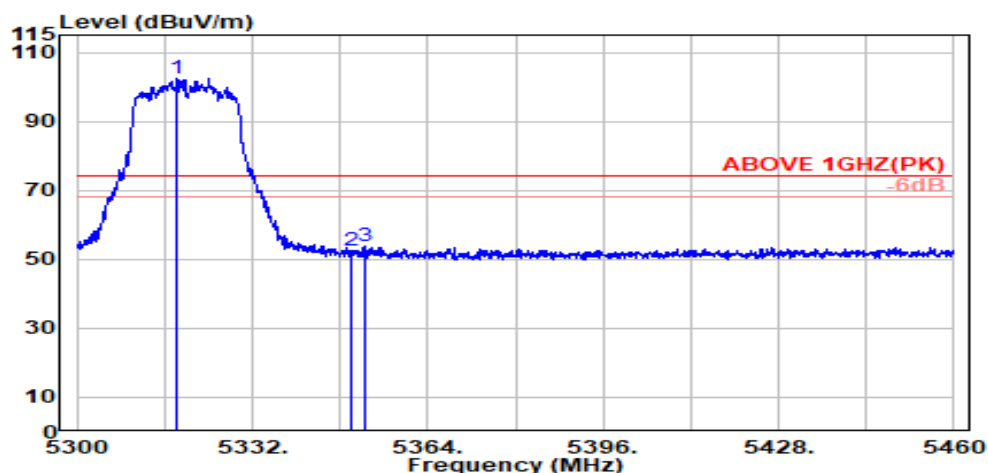


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.300	33.60	8.33	39.09	41.33	44.16	54.00	9.84	Average
5150.000	33.60	8.33	39.09	41.26	44.10	54.00	9.90	Average
@ 5182.300	33.60	8.36	39.09	91.21	94.08	---	---	Average

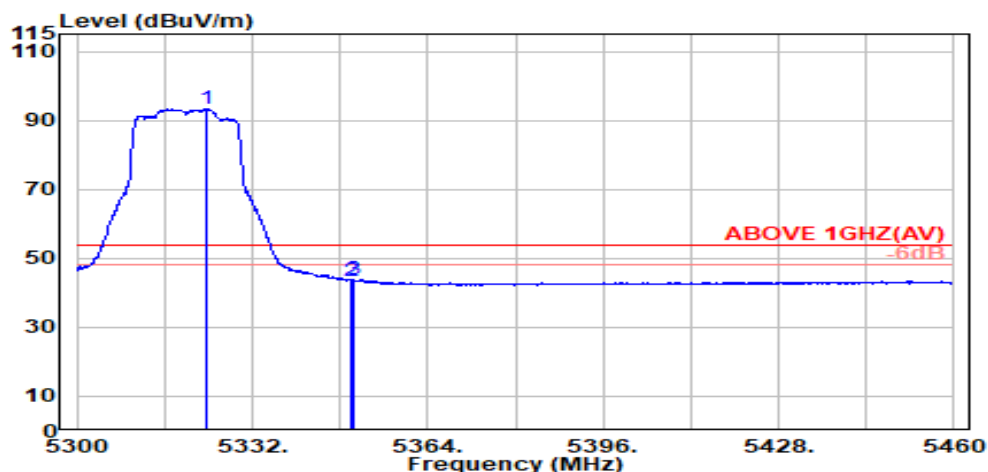
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	U-NII Band 2A
		Frequency	TX 5320MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5318.300	33.64	8.51	39.08	99.46	102.53	---	---	Peak
5350.000	33.70	8.54	39.08	49.42	52.58	74.00	21.42	Peak
5352.600	33.72	8.54	39.08	50.56	53.74	74.00	20.26	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5323.500	33.65	8.51	39.08	90.33	93.42	---	---	Average
5350.000	33.70	8.54	39.08	40.39	43.56	54.00	10.44	Average
5350.600	33.70	8.54	39.08	40.71	43.88	54.00	10.12	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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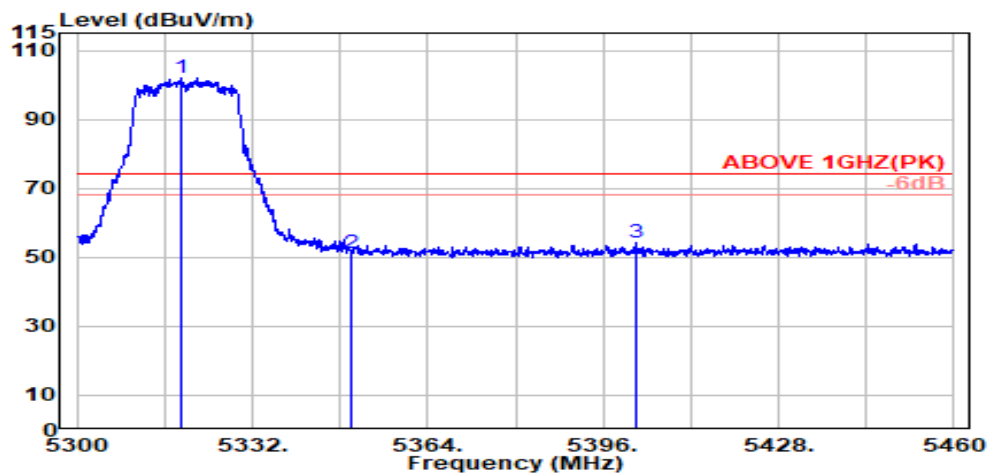
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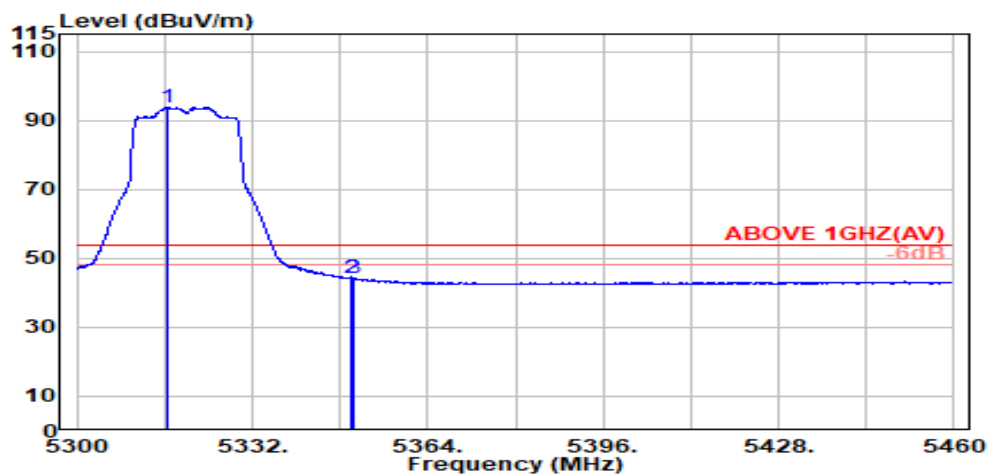
Fax: +886 2 26099303

Mode	802.11ax-HE20	U-NII Band	U-NII Band 2A
		Frequency	TX 5320MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5319.200	33.64	8.51	39.08	98.91	101.98	---	---	Peak
5350.000	33.70	8.54	39.08	48.02	51.18	74.00	22.82	Peak
5402.000	34.00	8.60	39.08	50.69	54.21	74.00	19.79	Peak



Antenna at Vertical Polarization

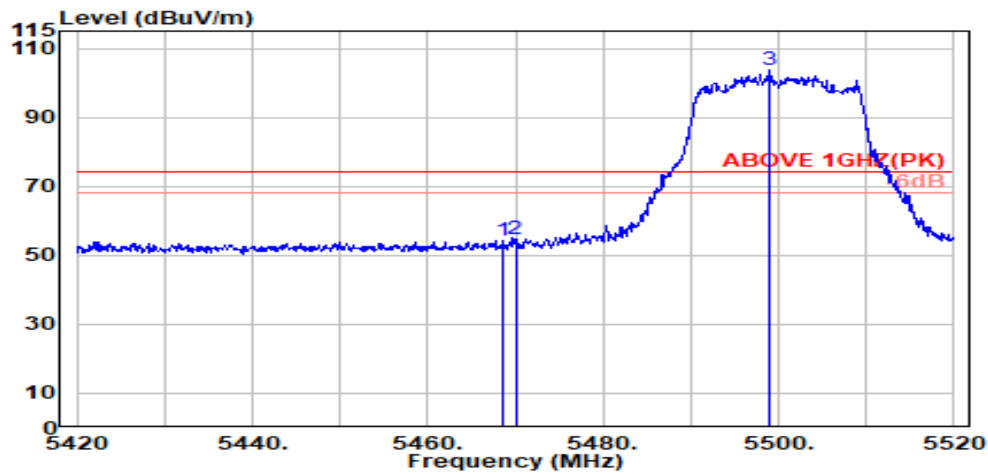
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.500	33.63	8.51	39.08	90.82	93.87	---	---	Average
5350.000	33.70	8.54	39.08	41.14	44.30	54.00	9.70	Average
5350.400	33.70	8.54	39.08	40.99	44.16	54.00	9.84	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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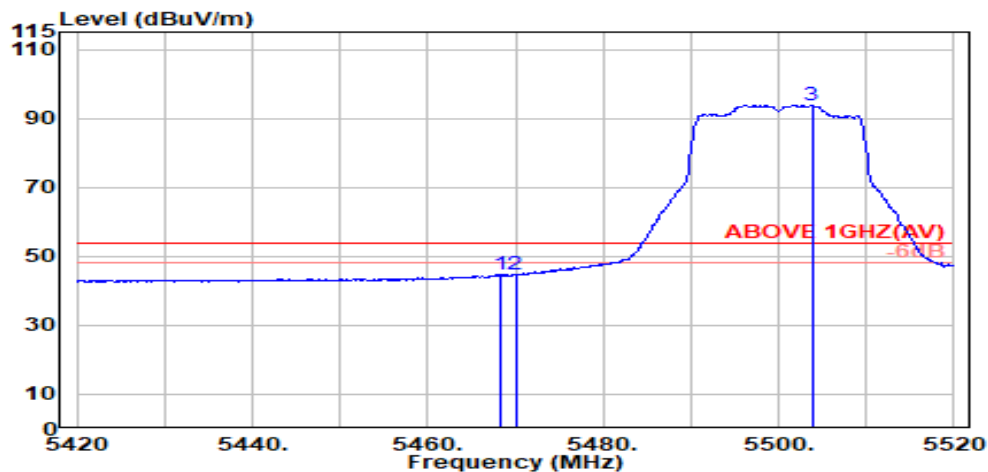
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.600	34.10	8.67	39.07	50.75	54.45	74.00	19.55	Peak
5470.000	34.10	8.67	39.07	51.16	54.86	74.00	19.14	Peak
@ 5499.000	34.10	8.70	39.07	99.86	103.59	---	---	Peak



Antenna at Horizontal Polarization

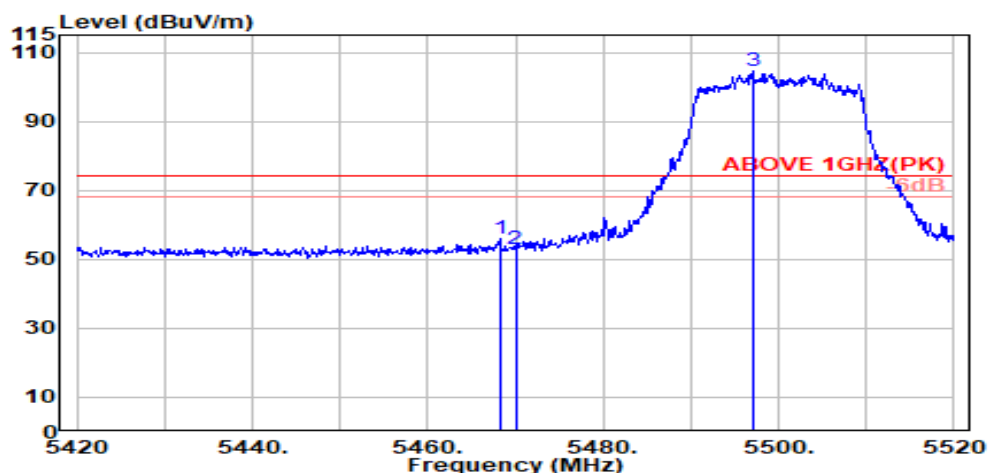
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.200	34.10	8.67	39.07	40.98	44.67	54.00	9.33	Average
5470.000	34.10	8.67	39.07	40.97	44.67	54.00	9.33	Average
@ 5503.800	34.09	8.70	39.07	90.21	93.93	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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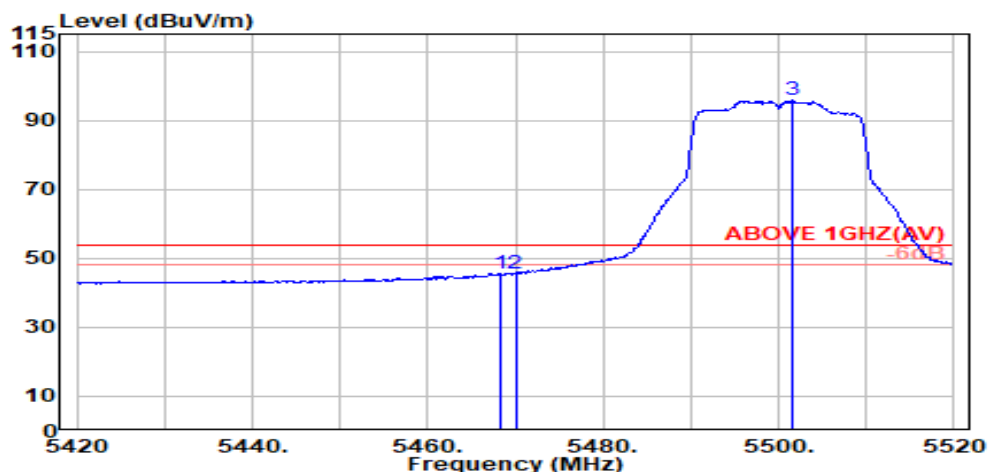
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 2C
		Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.200	34.10	8.67	39.07	52.14	55.83	74.00	18.17	Peak
5470.000	34.10	8.67	39.07	49.26	52.96	74.00	21.04	Peak
@ 5497.000	34.10	8.70	39.07	101.05	104.78	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.400	34.10	8.67	39.07	41.84	45.54	54.00	8.46	Average
5470.000	34.10	8.67	39.07	41.87	45.57	54.00	8.43	Average
@ 5501.600	34.10	8.70	39.07	92.02	95.74	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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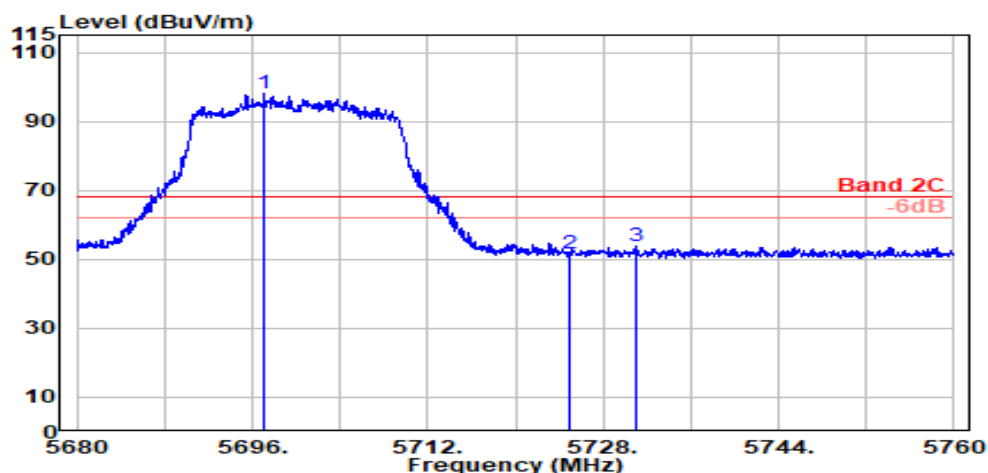
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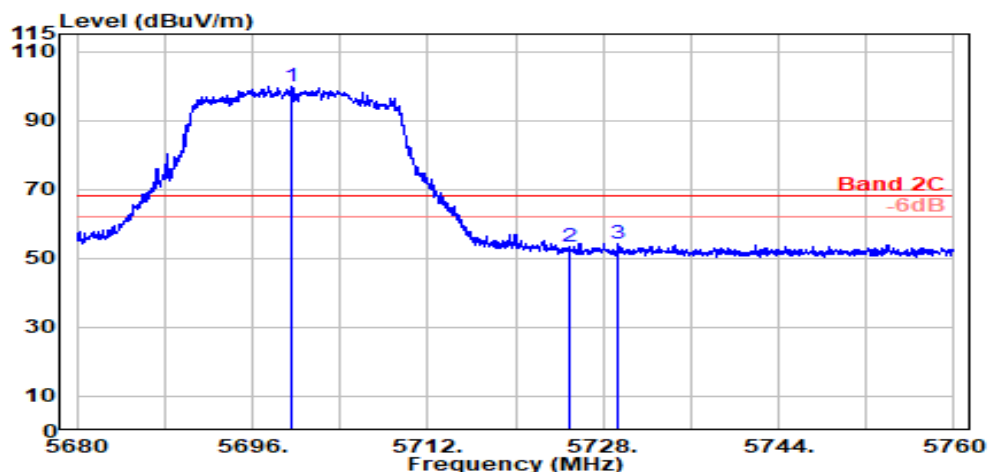
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 2C
		Frequency	TX 5700MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5697.050	33.42	8.90	39.13	94.89	98.07	---	---	Peak
5725.000	33.60	8.92	39.14	48.37	51.76	68.20	16.44	Peak
5730.950	33.65	8.93	39.14	50.33	53.76	68.20	14.44	Peak

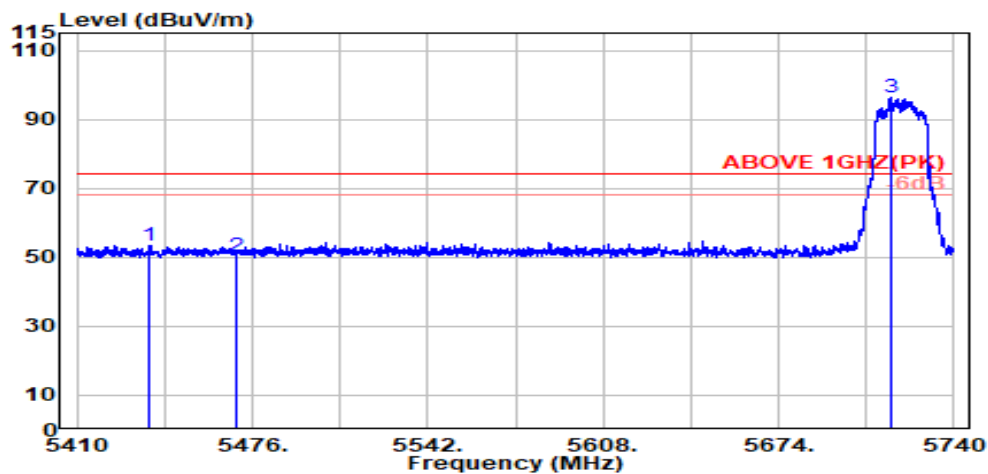


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5699.650	33.40	8.90	39.13	96.78	99.95	---	---	Peak
5725.000	33.60	8.92	39.14	49.85	53.24	68.20	14.96	Peak
5729.400	33.64	8.93	39.14	50.86	54.29	68.20	13.91	Peak

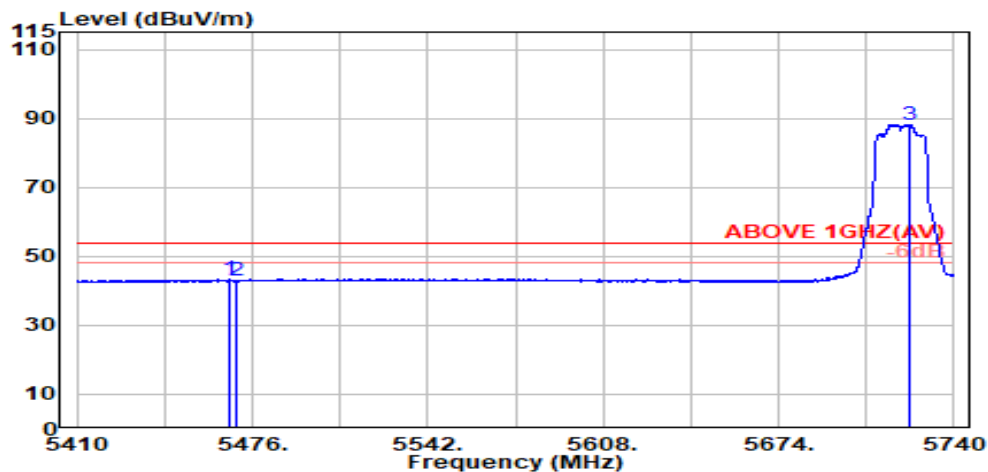
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	U-NII Band 2C
		Frequency	TX 5720 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5437.500	34.08	8.63	39.07	49.94	53.57	74.00	20.43	Peak
5470.000	34.10	8.67	39.07	46.76	50.46	74.00	23.54	Peak
@ 5716.000	33.53	8.92	39.14	92.86	96.17	---	---	Peak

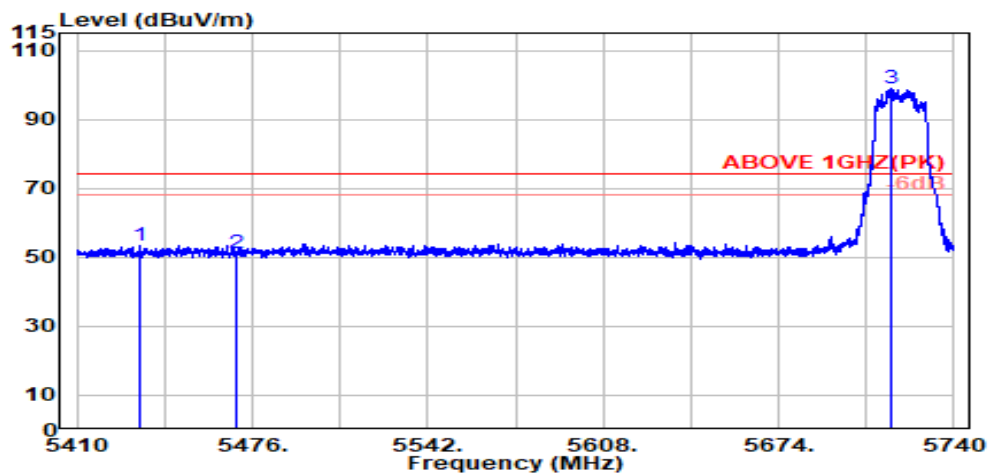


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.000	34.10	8.66	39.07	39.55	43.24	54.00	10.76	Average
5470.000	34.10	8.67	39.07	39.37	43.07	54.00	10.93	Average
@ 5723.600	33.59	8.92	39.14	84.90	88.27	---	---	Average

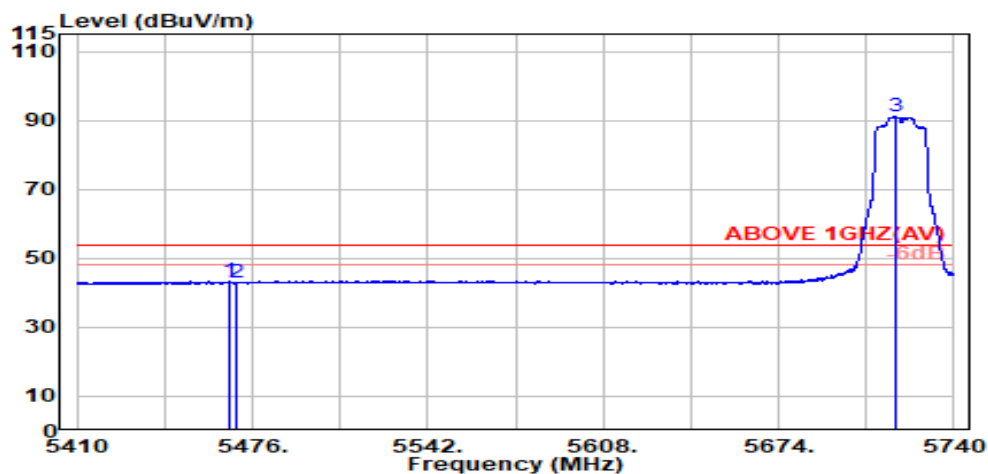
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	U-NII Band	U-NII Band 2C
		Frequency	TX 5720 MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5433.800	34.07	8.63	39.07	49.91	53.53	74.00	20.47	Peak
5470.000	34.10	8.67	39.07	47.67	51.36	74.00	22.64	Peak
@ 5716.400	33.53	8.92	39.14	95.73	99.04	---	---	Peak



Antenna at Vertical Polarization

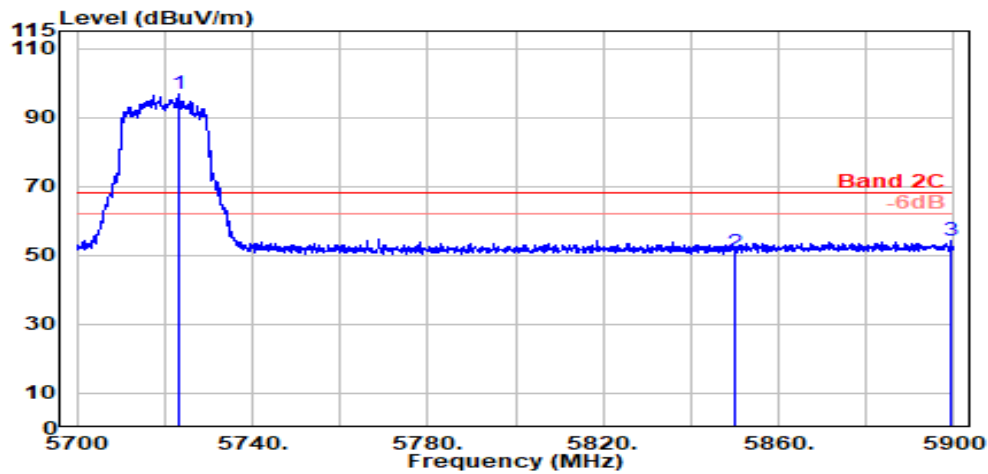
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.500	34.10	8.66	39.07	39.52	43.21	54.00	10.79	Average
5470.000	34.10	8.67	39.07	39.19	42.89	54.00	11.11	Average
@ 5718.100	33.55	8.92	39.14	87.74	91.07	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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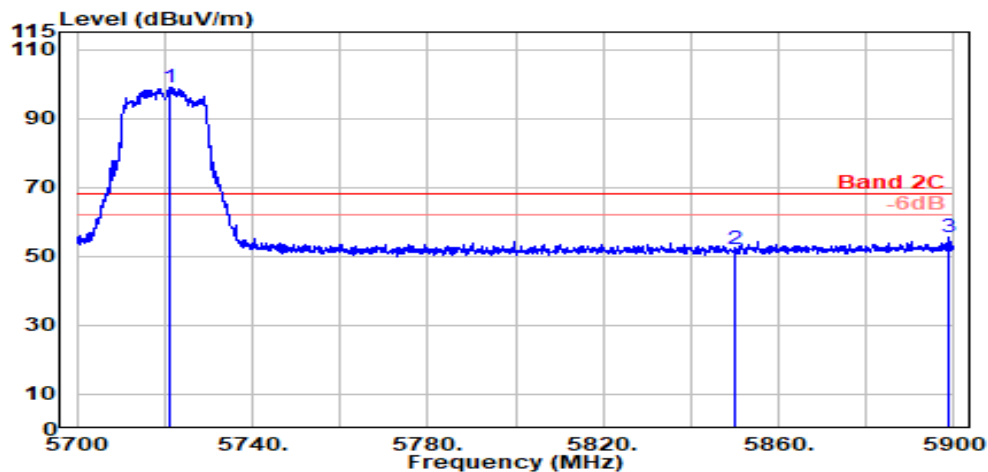
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 2C
		Frequency	TX 5720 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5723.400	33.59	8.92	39.14	93.58	96.95	---	---	Peak
5850.000	33.90	9.05	39.18	47.02	50.79	68.20	17.41	Peak
5899.400	34.20	9.09	39.19	49.94	54.04	68.20	14.16	Peak



Antenna at Vertical Polarization

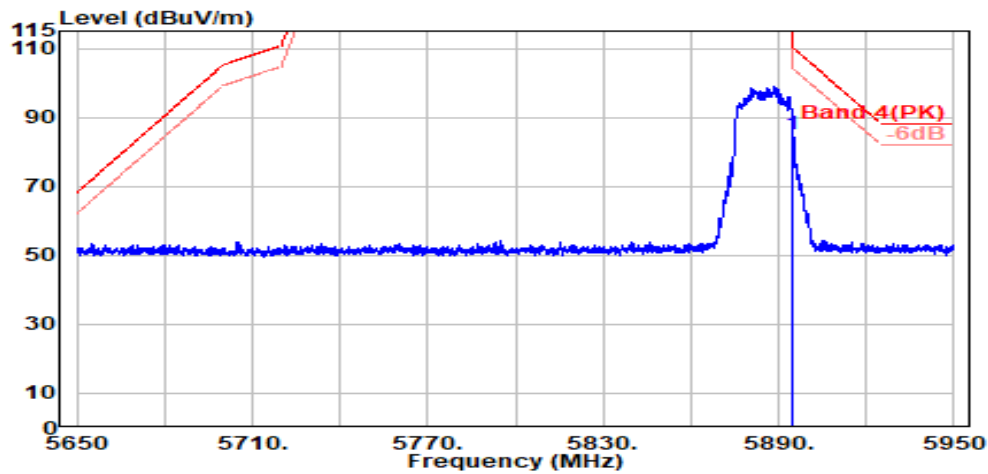
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5721.200	33.57	8.92	39.14	95.43	98.78	---	---	Peak
5850.000	33.90	9.05	39.18	48.38	52.15	68.20	16.05	Peak
5899.000	34.19	9.09	39.19	51.25	55.35	68.20	12.85	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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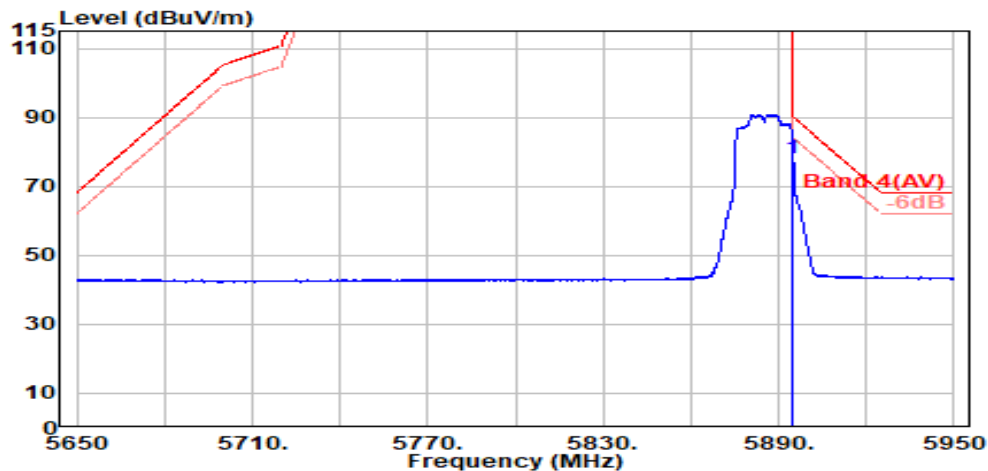
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 4
		Frequency	TX 5885MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	81.15	85.22	110.20	24.98	Peak



Antenna at Horizontal Polarization

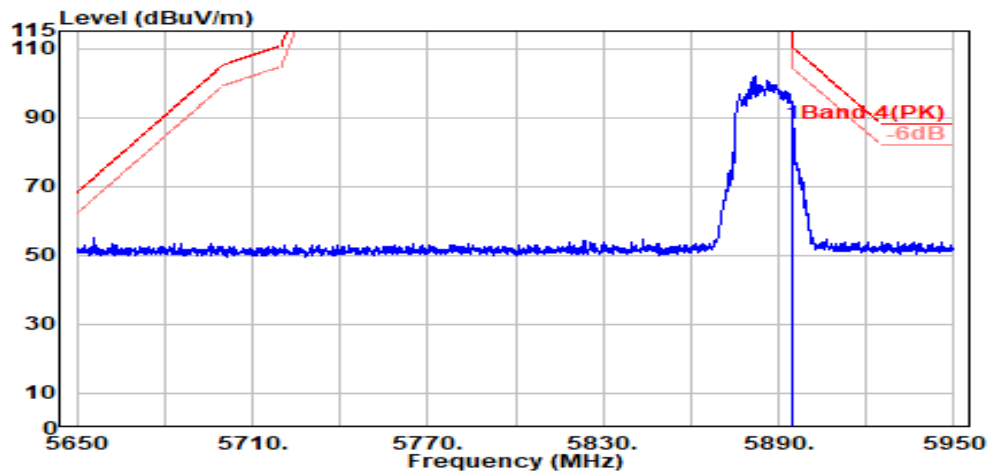
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	74.10	78.17	90.20	12.03	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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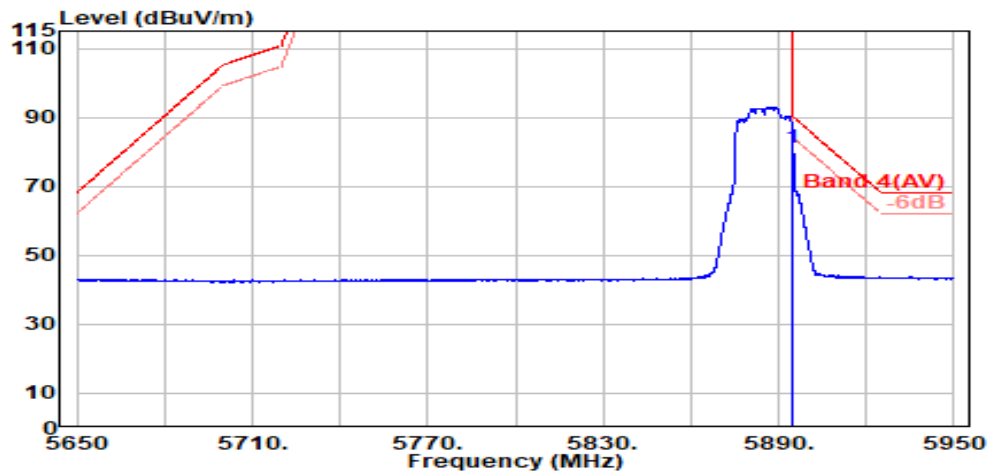
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Mode	802.11ax-HE20	U-NII Band	U-NII Band 4
		Frequency	TX 5885MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	83.85	87.93	110.20	22.27	Peak



Antenna at Vertical Polarization

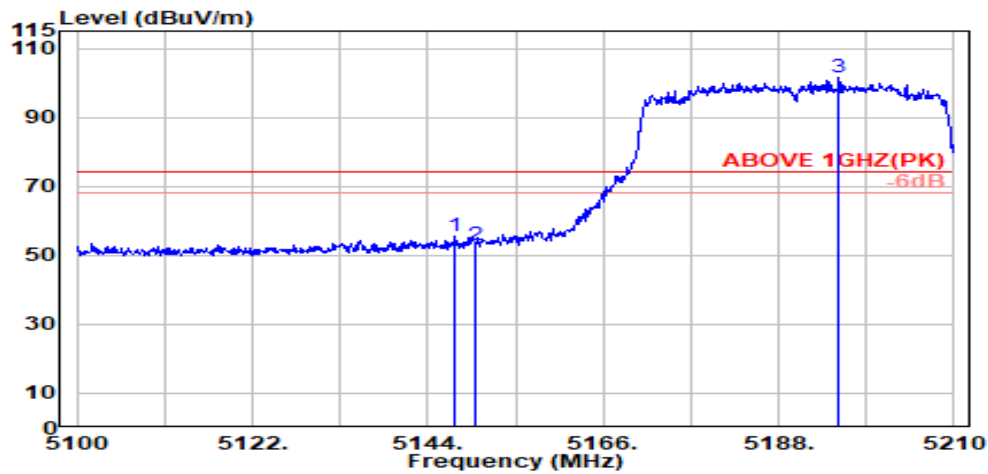
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	76.93	81.00	90.20	9.20	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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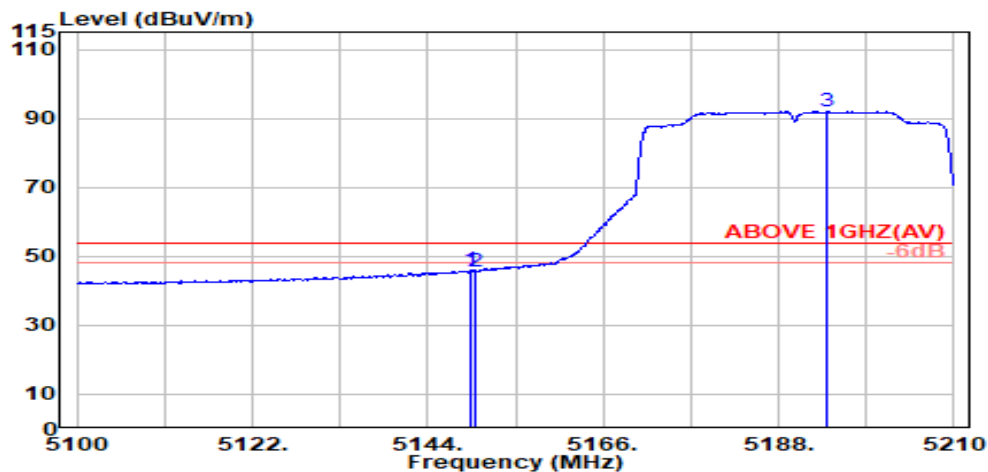
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 1
		Frequency	TX 5190MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.500	33.60	8.32	39.09	52.62	55.45	74.00	18.55	Peak
5150.000	33.60	8.33	39.09	50.12	52.96	74.00	21.04	Peak
@ 5195.600	33.60	8.38	39.09	98.81	101.70	---	---	Peak

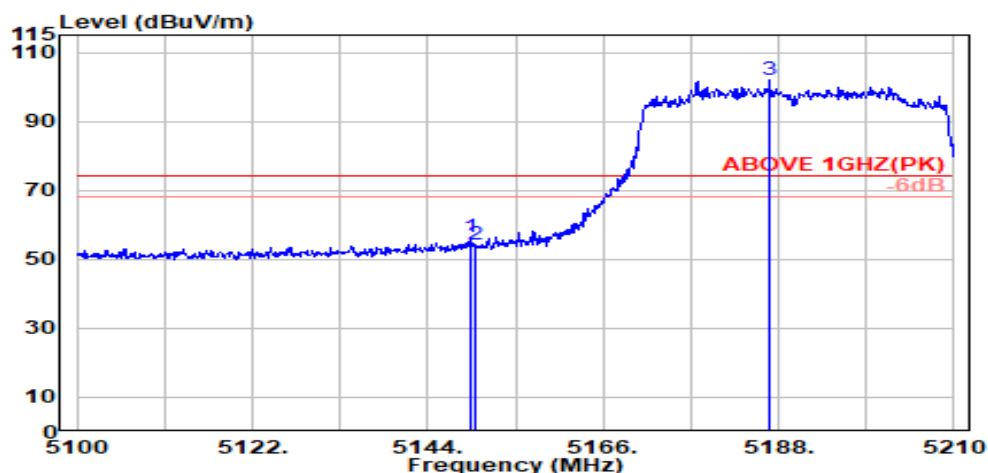


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.400	33.60	8.33	39.09	42.98	45.81	54.00	8.19	Average
5150.000	33.60	8.33	39.09	42.95	45.78	54.00	8.22	Average
@ 5194.100	33.60	8.38	39.09	89.13	92.02	---	---	Average

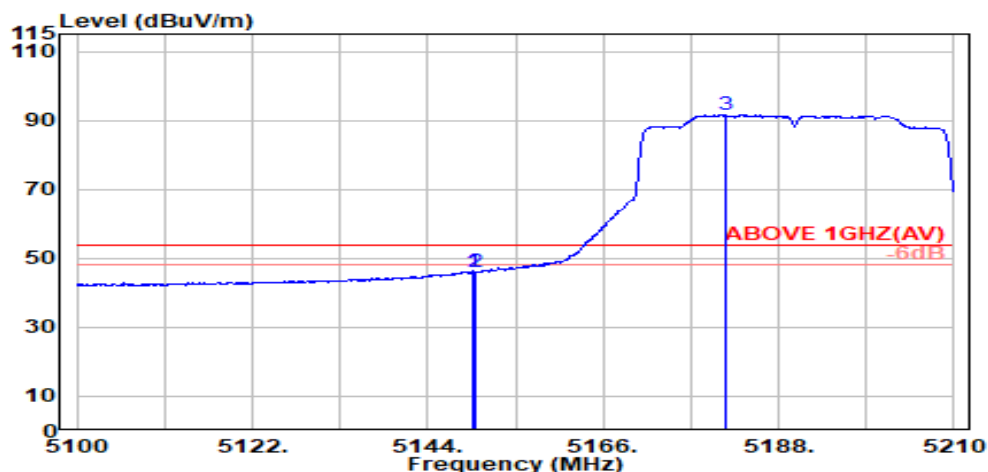
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE40	U-NII Band	U-NII Band 1
		Frequency	TX 5190MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.500	33.60	8.33	39.09	53.51	56.34	74.00	17.66	Peak
5150.000	33.60	8.33	39.09	51.37	54.20	74.00	19.80	Peak
@ 5186.800	33.60	8.37	39.09	98.97	101.85	---	---	Peak



Antenna at Vertical Polarization

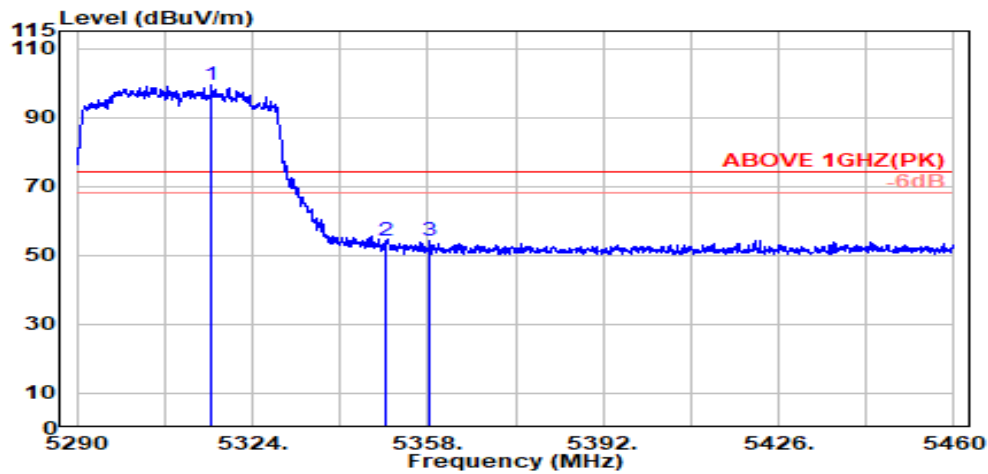
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.600	33.60	8.33	39.09	43.37	46.21	54.00	7.79	Average
5150.000	33.60	8.33	39.09	43.29	46.13	54.00	7.87	Average
@ 5181.300	33.60	8.36	39.09	88.66	91.54	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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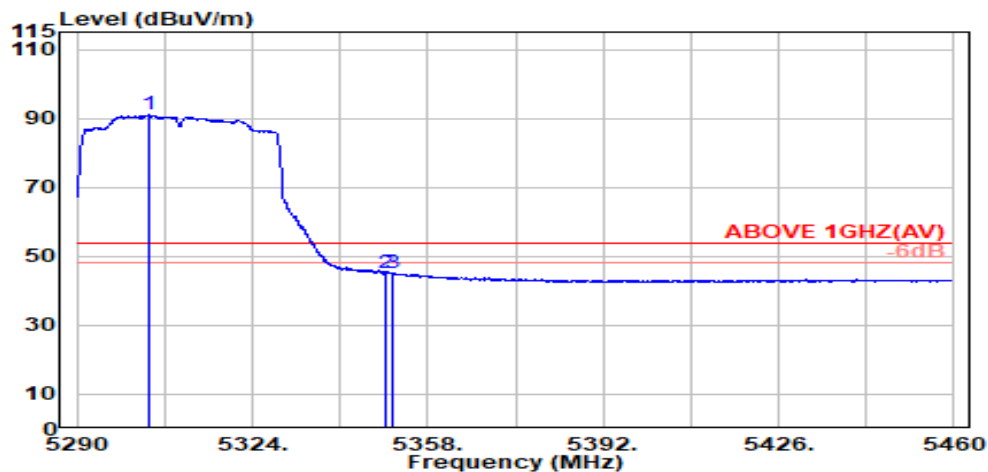
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 2A
		Frequency	TX 5310MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.200	33.63	8.51	39.08	96.30	99.36	---	---	Peak
5350.000	33.70	8.54	39.08	51.06	54.22	74.00	19.78	Peak
5358.500	33.75	8.55	39.08	51.11	54.33	74.00	19.67	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5304.000	33.61	8.49	39.08	87.95	90.97	---	---	Average
5350.000	33.70	8.54	39.08	41.98	45.14	54.00	8.86	Average
5351.100	33.71	8.54	39.08	42.08	45.25	54.00	8.75	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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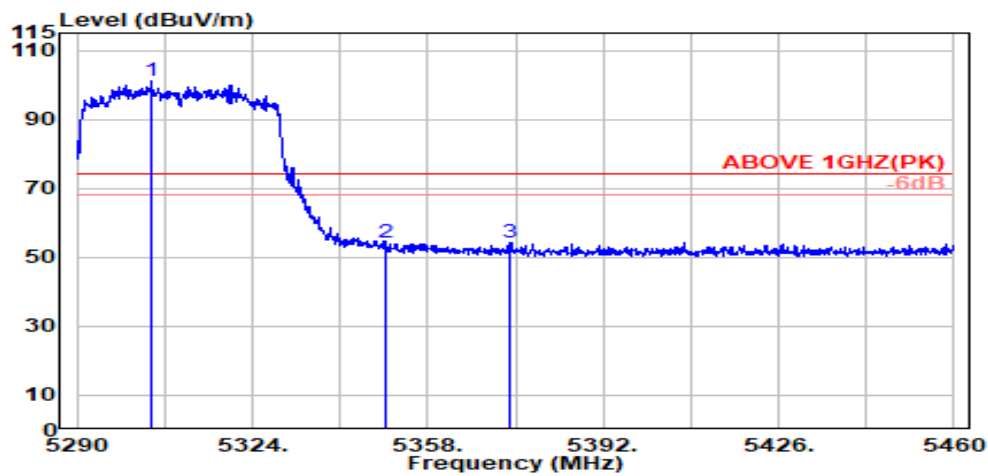
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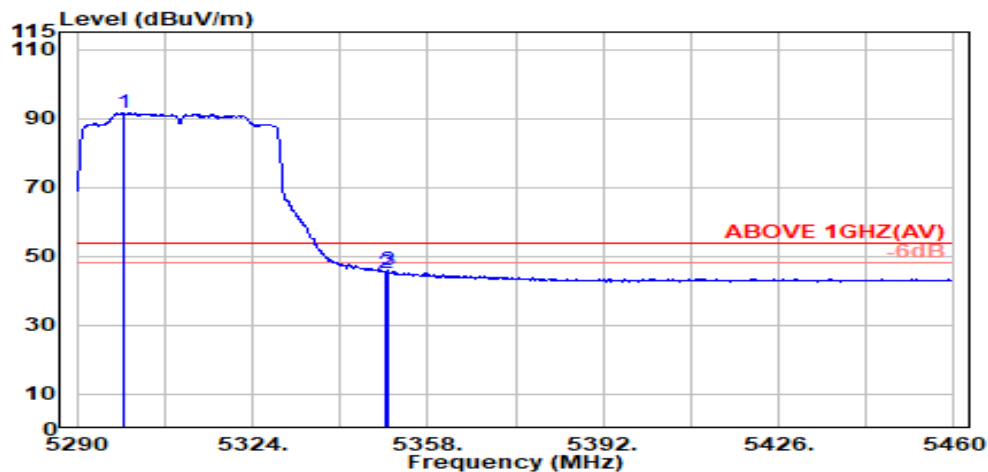
Fax: +886 2 26099303

Mode	802.11ax-HE40	U-NII Band	U-NII Band 2A
		Frequency	TX 5310MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5304.600	33.61	8.49	39.08	98.30	101.32	---	---	Peak
5350.000	33.70	8.54	39.08	51.15	54.31	74.00	19.69	Peak
5374.100	33.84	8.57	39.08	50.98	54.32	74.00	19.68	Peak



Antenna at Vertical Polarization

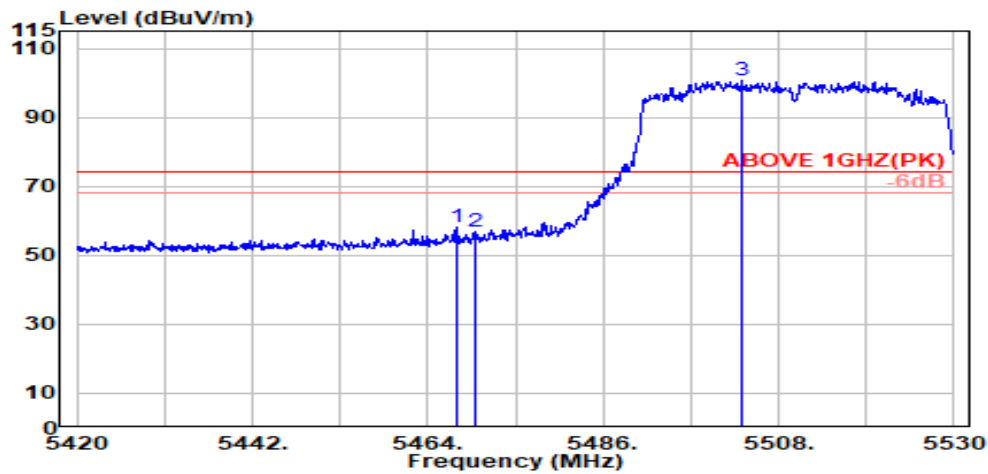
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@ 5299.000	33.60	8.49	39.08	88.76	91.77	---	---	Average
5350.000	33.70	8.54	39.08	42.18	45.34	54.00	8.66	Average
5350.400	33.70	8.54	39.08	42.79	45.95	54.00	8.05	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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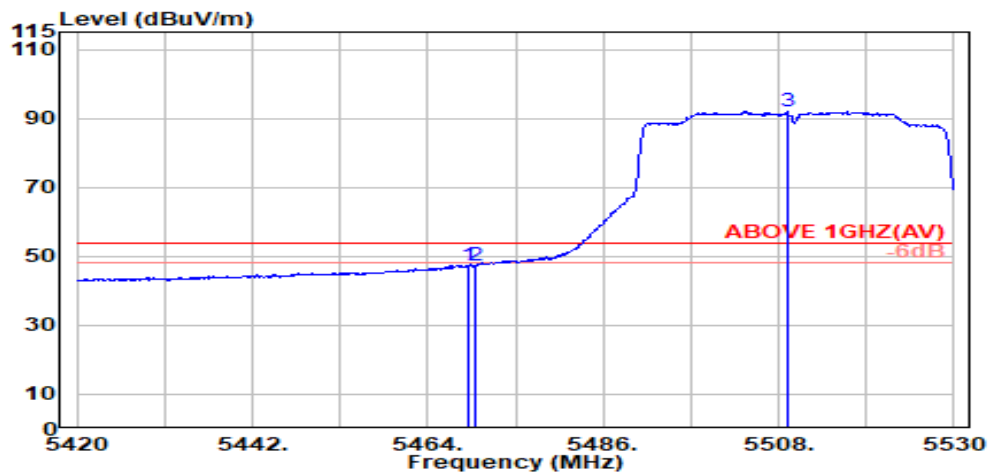
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 2C
		Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.600	34.10	8.67	39.07	54.51	58.20	74.00	15.80	Peak
5470.000	34.10	8.67	39.07	52.96	56.65	74.00	17.35	Peak
@ 5503.400	34.09	8.70	39.07	96.98	100.70	---	---	Peak

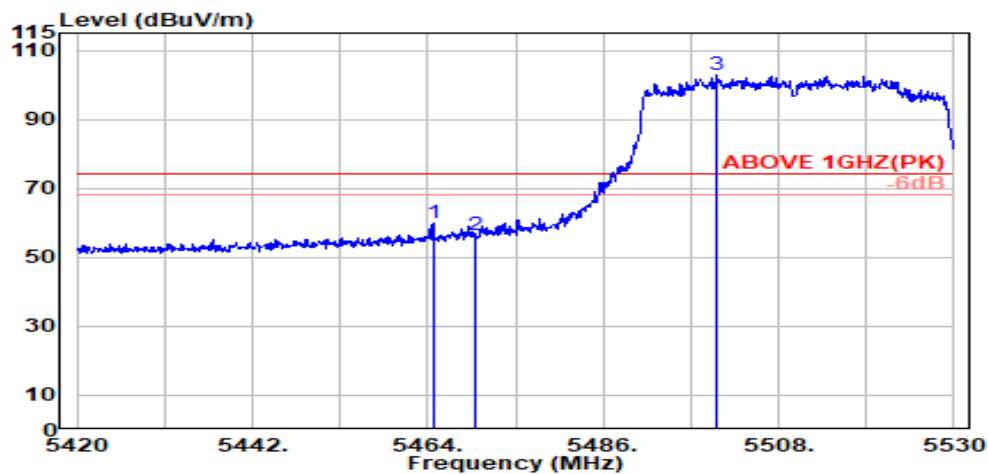


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.10	8.67	39.07	43.78	47.47	54.00	6.53	Average
5470.000	34.10	8.67	39.07	43.48	47.18	54.00	6.82	Average
@ 5509.100	34.08	8.71	39.07	88.16	91.88	---	---	Average

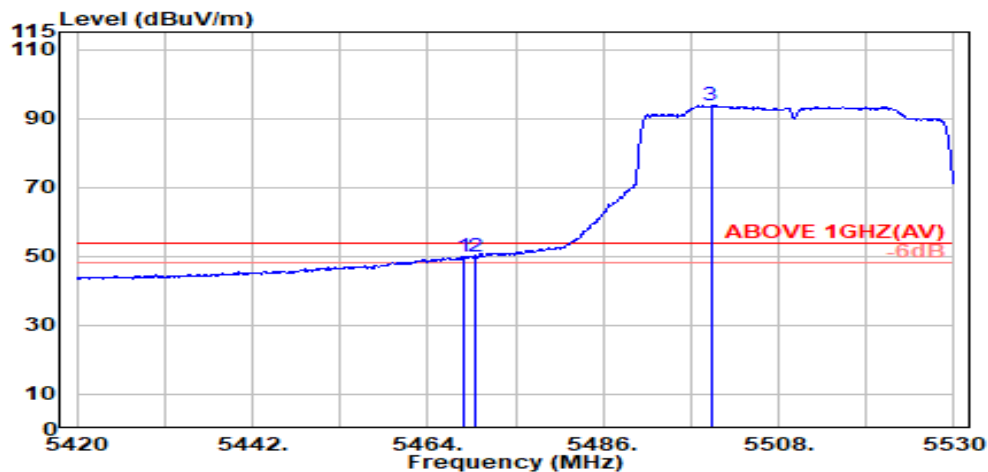
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE40	U-NII Band	U-NII Band 2C
		Frequency	TX 5510MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5464.700	34.10	8.66	39.07	56.08	59.77	74.00	14.23	Peak
5470.000	34.10	8.67	39.07	52.70	56.39	74.00	17.61	Peak
@ 5500.300	34.10	8.70	39.07	99.27	103.00	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.600	34.10	8.67	39.07	46.22	49.92	54.00	4.08	Average
5470.000	34.10	8.67	39.07	46.40	50.10	54.00	3.90	Average
@ 5499.500	34.10	8.70	39.07	89.96	93.69	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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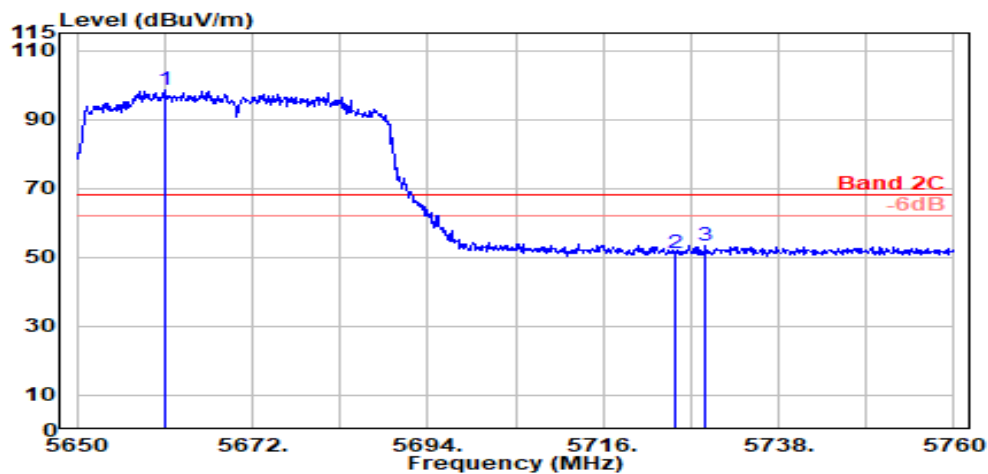
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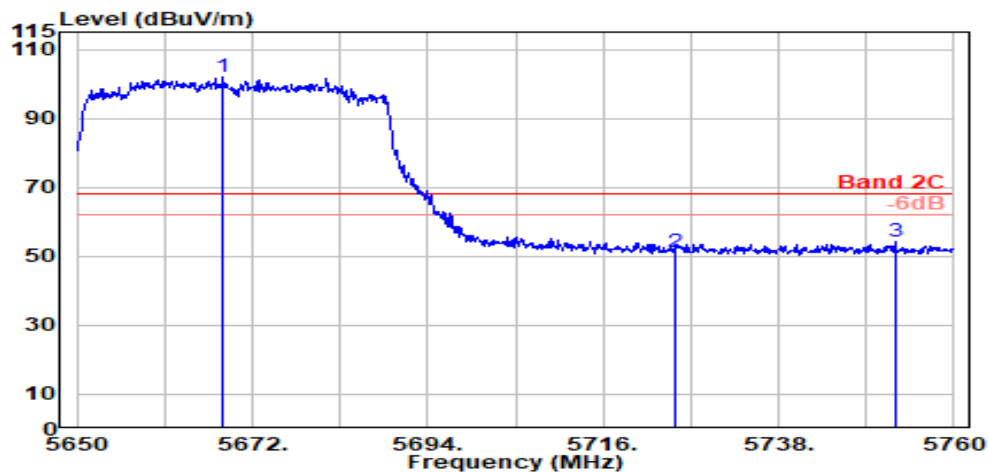
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 2C
		Frequency	TX 5670MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5661.000	33.63	8.86	39.12	95.08	98.46	---	---	Peak
5725.000	33.60	8.92	39.14	47.84	51.23	68.20	16.97	Peak
5728.800	33.63	8.93	39.14	50.16	53.58	68.20	14.62	Peak



Antenna at Vertical Polarization

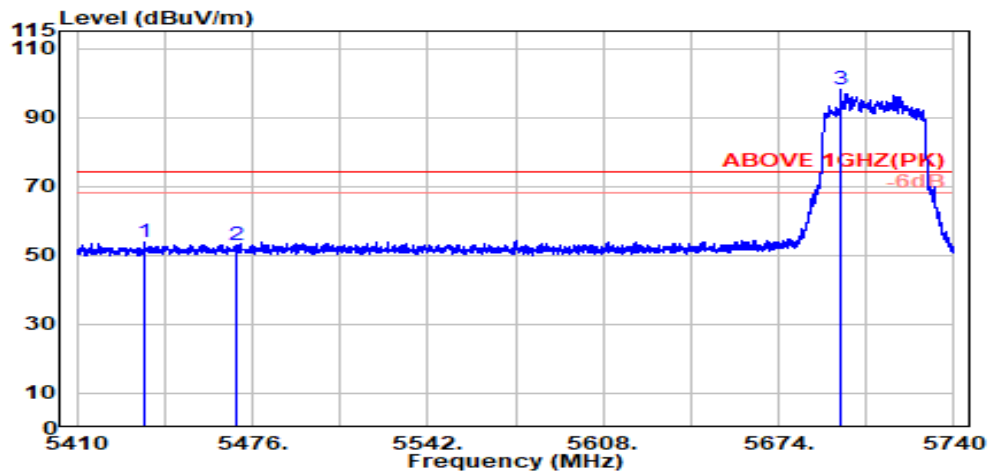
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5668.400	33.59	8.87	39.12	98.53	101.86	---	---	Peak
5725.000	33.60	8.92	39.14	47.73	51.12	68.20	17.08	Peak
5752.600	33.81	8.95	39.15	50.55	54.16	68.20	14.04	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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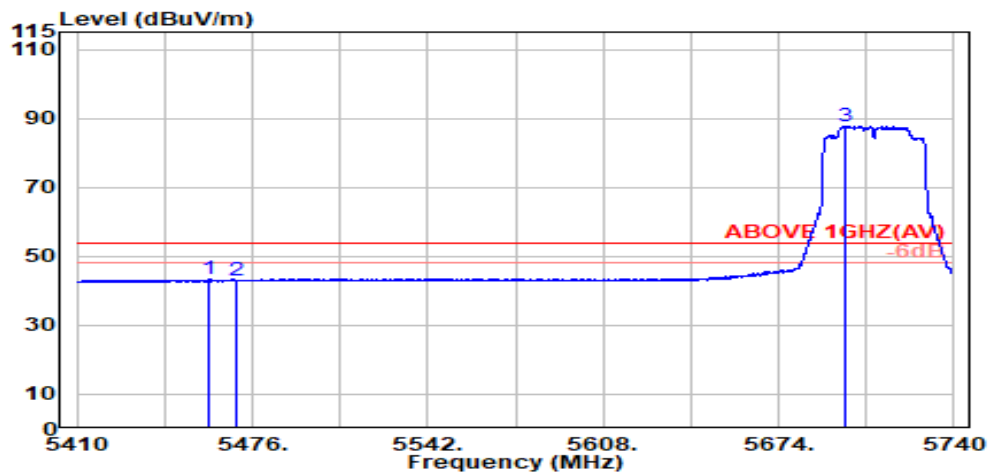
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 2C
		Frequency	TX 5710 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5435.600	34.07	8.63	39.07	49.98	53.61	74.00	20.39	Peak
5470.000	34.10	8.67	39.07	49.04	52.74	74.00	21.26	Peak
@ 5697.400	33.42	8.90	39.13	94.96	98.15	---	---	Peak



Antenna at Horizontal Polarization

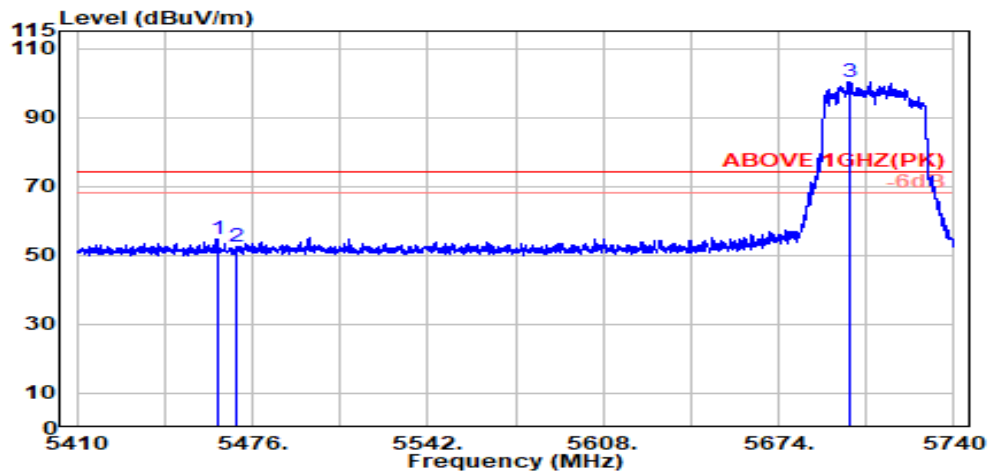
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.600	34.10	8.66	39.07	39.61	43.30	54.00	10.70	Average
5470.000	34.10	8.67	39.07	39.11	42.81	54.00	11.19	Average
@ 5698.800	33.41	8.90	39.13	84.64	87.81	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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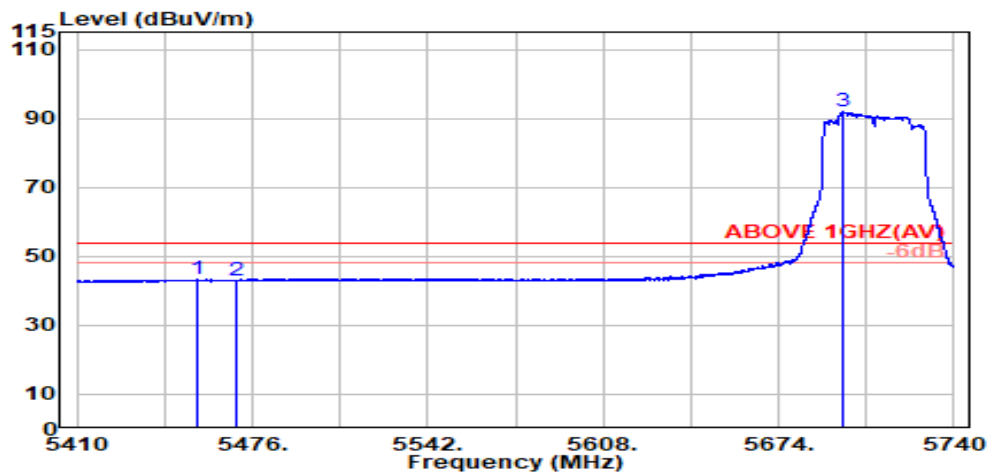
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 2C
		Frequency	TX 5710 MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.700	34.10	8.66	39.07	51.00	54.69	74.00	19.31	Peak
5470.000	34.10	8.67	39.07	48.65	52.34	74.00	21.66	Peak
@ 5700.400	33.40	8.90	39.13	97.19	100.37	---	---	Peak



Antenna at Vertical Polarization

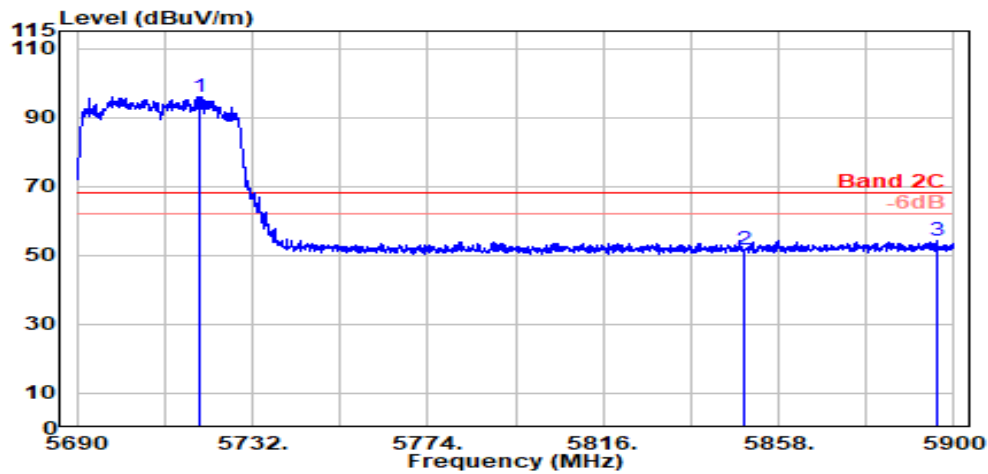
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.100	34.10	8.65	39.07	39.55	43.23	54.00	10.77	Average
5470.000	34.10	8.67	39.07	39.30	43.00	54.00	11.00	Average
@ 5697.900	33.41	8.90	39.13	88.85	92.03	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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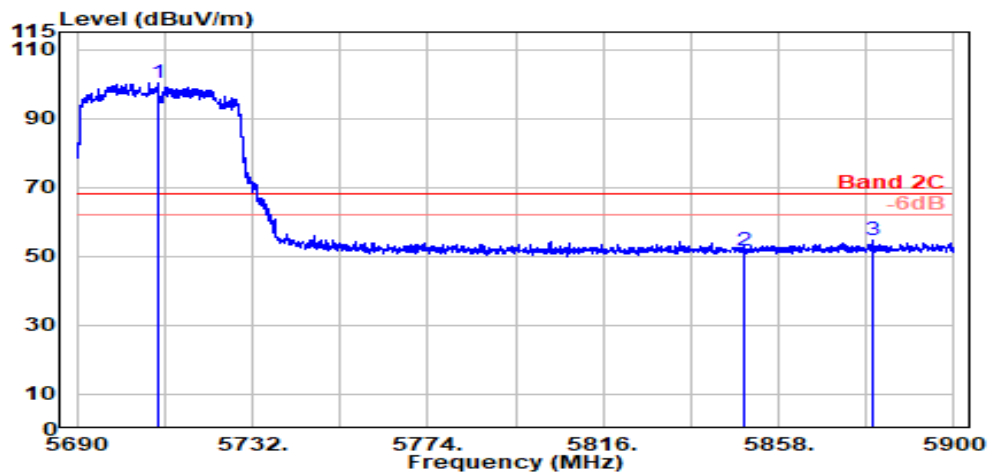
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 2C
		Frequency	TX 5710 MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5719.600	33.56	8.92	39.14	92.70	96.04	---	---	Peak
5850.000	33.90	9.05	39.18	47.99	51.76	68.20	16.44	Peak
5895.700	34.17	9.09	39.19	50.14	54.21	68.20	13.99	Peak



Antenna at Vertical Polarization

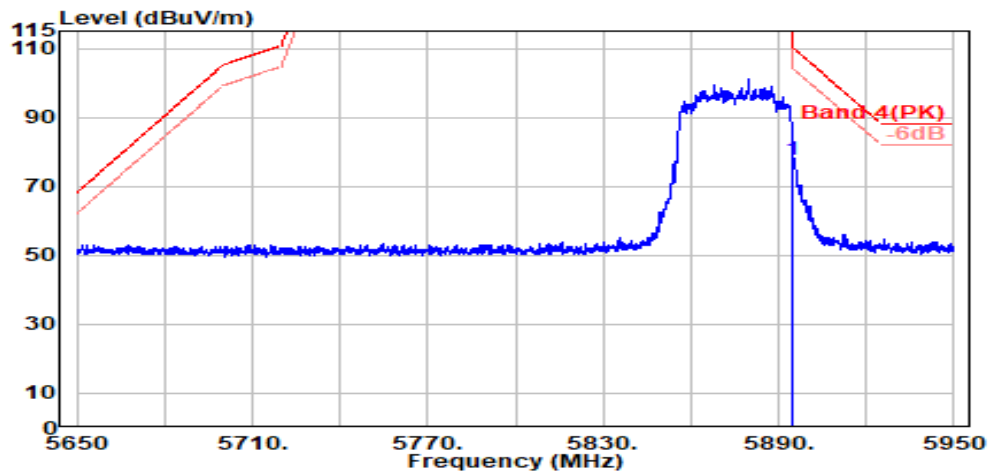
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5709.300	33.47	8.91	39.13	97.00	100.25	---	---	Peak
5850.000	33.90	9.05	39.18	47.98	51.76	68.20	16.44	Peak
5880.500	34.08	9.08	39.19	50.75	54.73	68.20	13.47	Peak

Remark: The “@” means fundamental frequency, it is ignored in this section.

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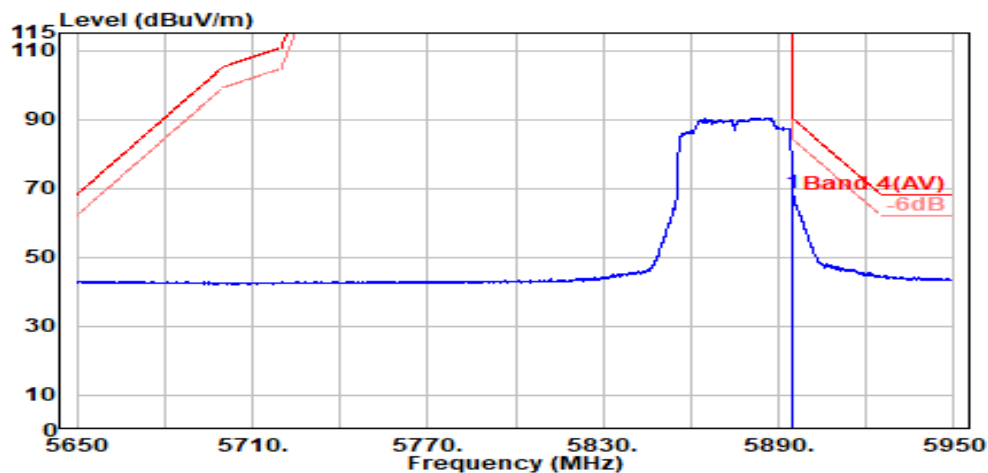
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Mode	802.11ax-HE40	U-NII Band	U-NII Band 4
		Frequency	TX 5875MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	73.82	77.89	110.20	32.31	Peak



Antenna at Horizontal Polarization

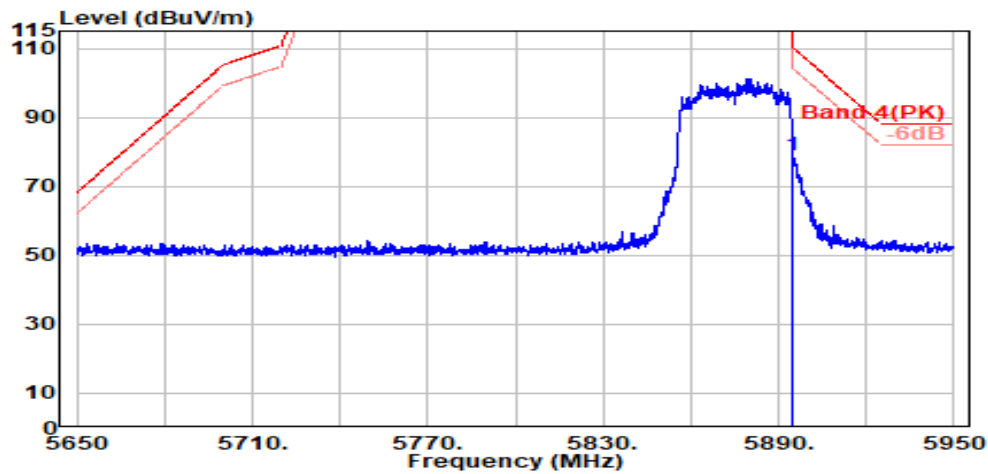
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	64.59	68.66	90.20	21.54	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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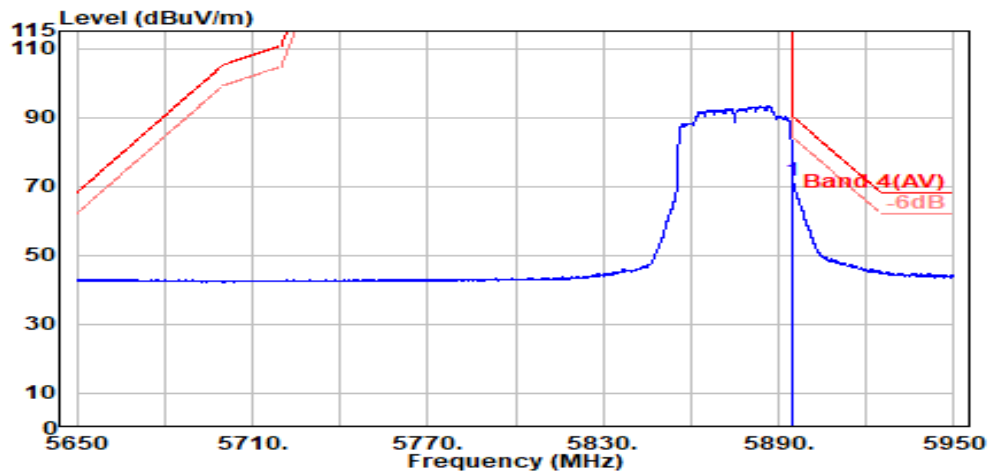
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Fax: +886 2 26099303

Mode	802.11ax-HE40	U-NII Band	U-NII Band 4
		Frequency	TX 5875MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	74.93	79.00	110.20	31.20	Peak

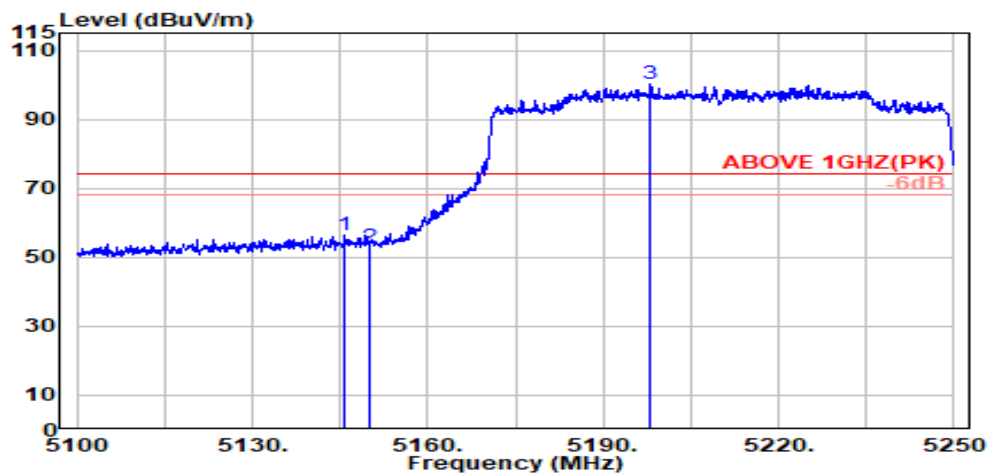


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5895.000	34.17	9.09	39.19	67.49	71.56	90.20	18.64	Average

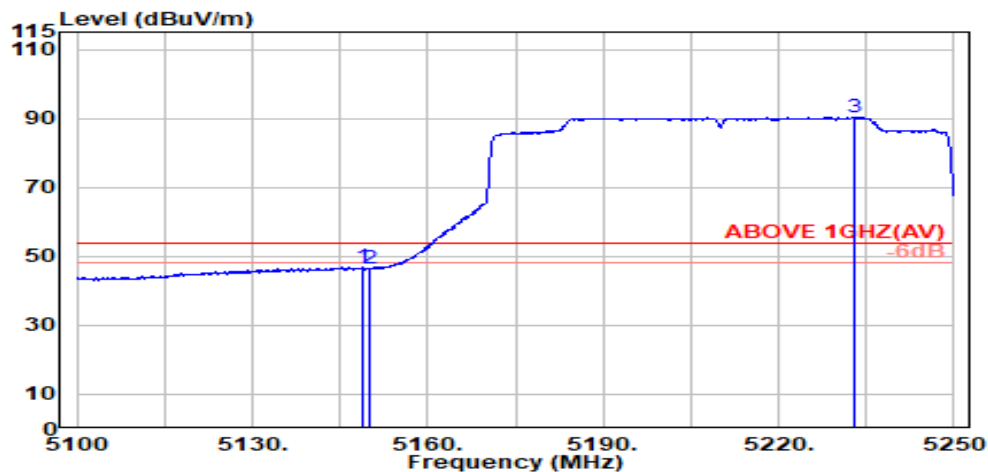
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	U-NII Band 1
		Frequency	TX 5210MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5145.900	33.59	8.32	39.09	53.66	56.48	74.00	17.52	Peak
5150.000	33.60	8.33	39.09	50.17	53.01	74.00	20.99	Peak
@ 5198.100	33.60	8.38	39.09	97.26	100.15	---	---	Peak



Antenna at Horizontal Polarization

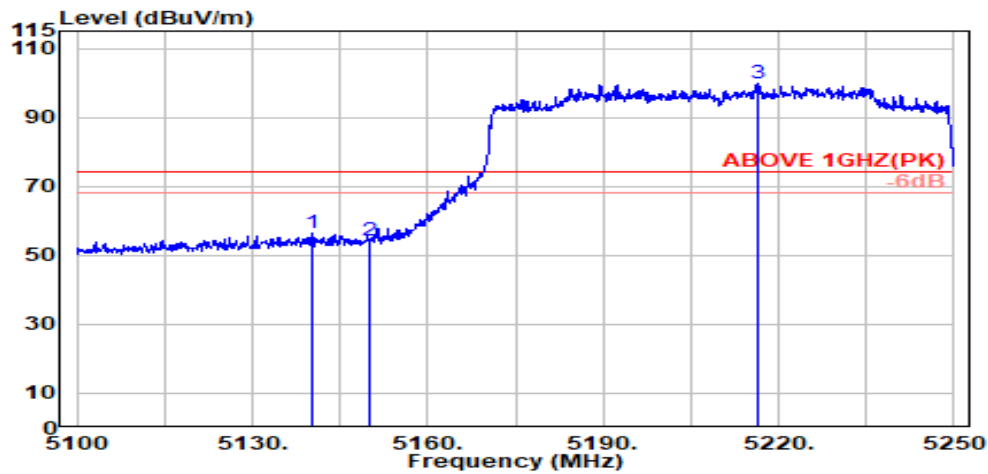
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.800	33.60	8.33	39.09	44.11	46.94	54.00	7.06	Average
5150.000	33.60	8.33	39.09	43.55	46.38	54.00	7.62	Average
@ 5233.000	33.67	8.42	39.09	87.26	90.26	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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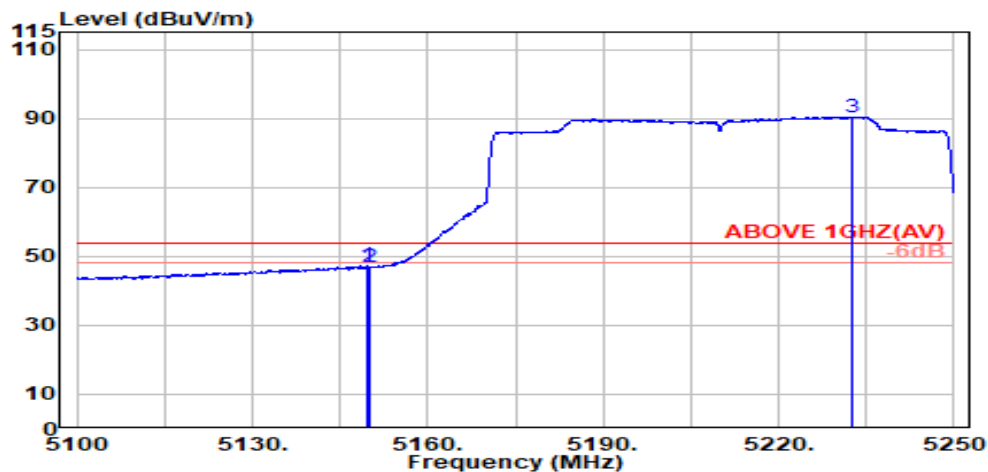
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Mode	802.11ax-HE80	U-NII Band	U-NII Band 1
		Frequency	TX 5210MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5140.400	33.58	8.32	39.09	53.55	56.35	74.00	17.65	Peak
5150.000	33.60	8.33	39.09	51.22	54.06	74.00	19.94	Peak
@ 5216.600	33.63	8.40	39.09	96.75	99.70	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.600	33.60	8.33	39.09	44.30	47.13	54.00	6.87	Average
5150.000	33.60	8.33	39.09	43.87	46.71	54.00	7.29	Average
@ 5232.500	33.67	8.42	39.09	87.41	90.40	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.

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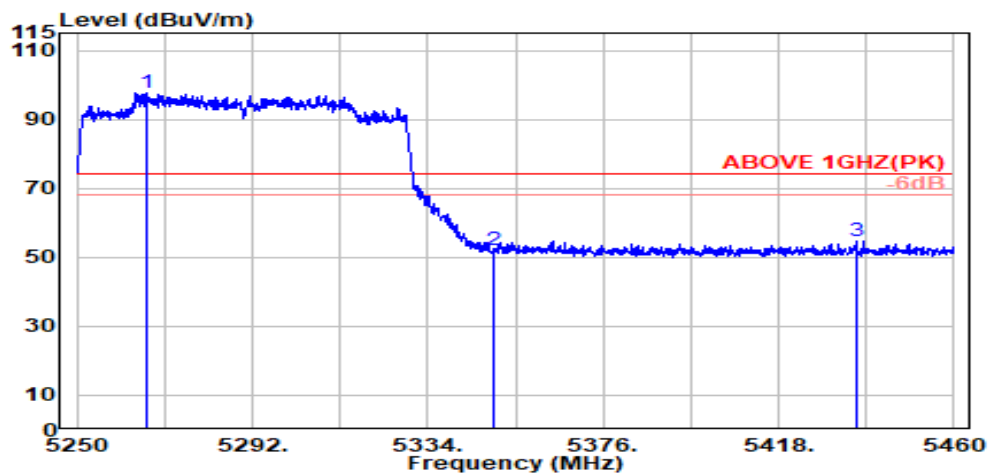
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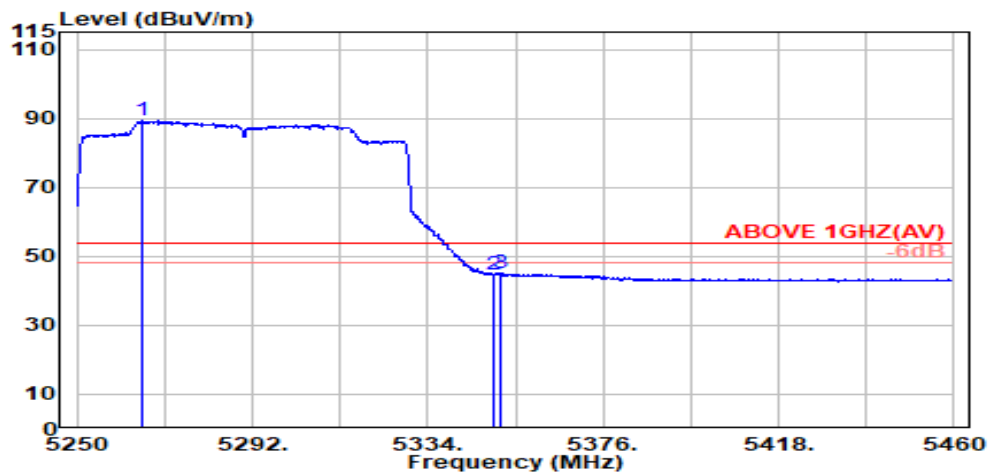
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Mode	802.11ax-HE80	U-NII Band	U-NII Band 2A
		Frequency	TX 5290MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5266.800	33.67	8.45	39.08	94.71	97.74	---	---	Peak
5350.000	33.70	8.54	39.08	48.86	52.03	74.00	21.97	Peak
5436.600	34.07	8.63	39.07	51.25	54.88	74.00	19.12	Peak

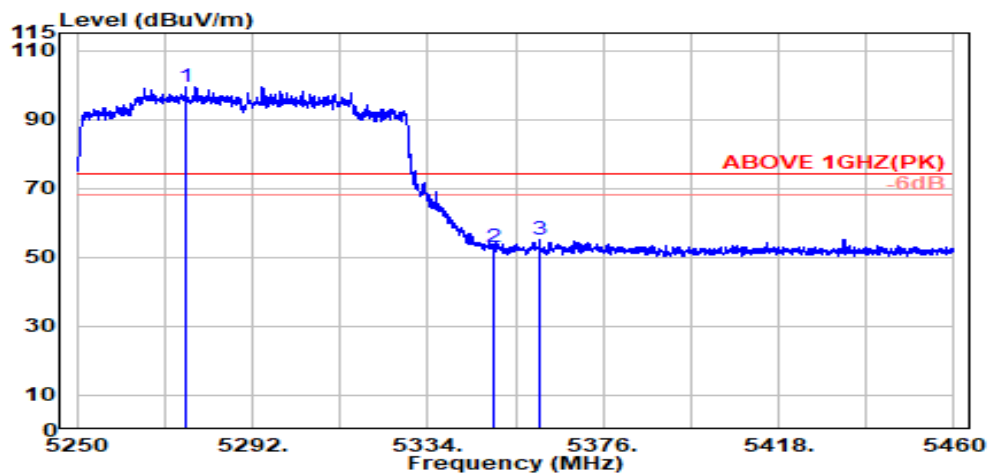


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5265.500	33.67	8.45	39.08	86.21	89.24	---	---	Average
5350.000	33.70	8.54	39.08	41.49	44.65	54.00	9.35	Average
5351.600	33.71	8.54	39.08	41.97	45.15	54.00	8.85	Average

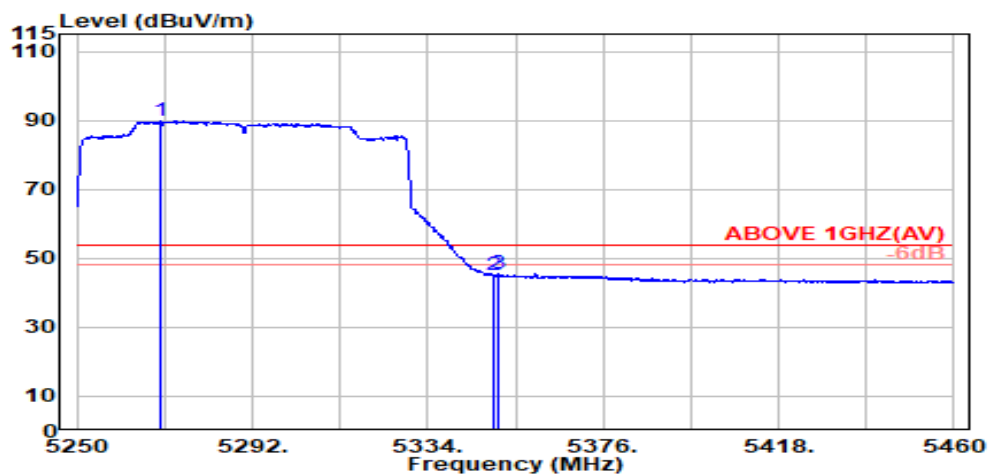
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	U-NII Band 2A
		Frequency	TX 5290MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5276.100	33.65	8.46	39.08	96.51	99.53	---	---	Peak
5350.000	33.70	8.54	39.08	49.89	53.06	74.00	20.94	Peak
5360.700	33.76	8.55	39.08	51.78	55.02	74.00	18.98	Peak

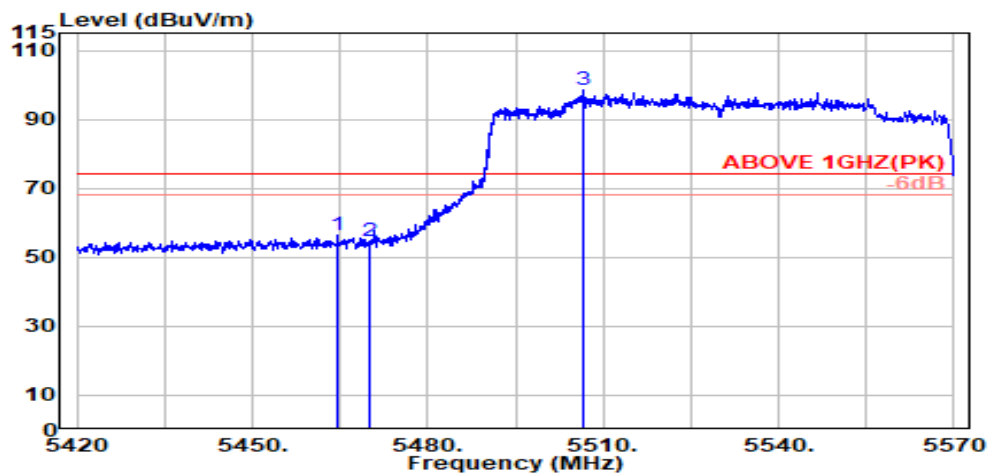


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5270.000	33.66	8.46	39.08	86.78	89.82	---	---	Average
5350.000	33.70	8.54	39.08	42.03	45.19	54.00	8.81	Average
5350.900	33.71	8.54	39.08	42.33	45.50	54.00	8.50	Average

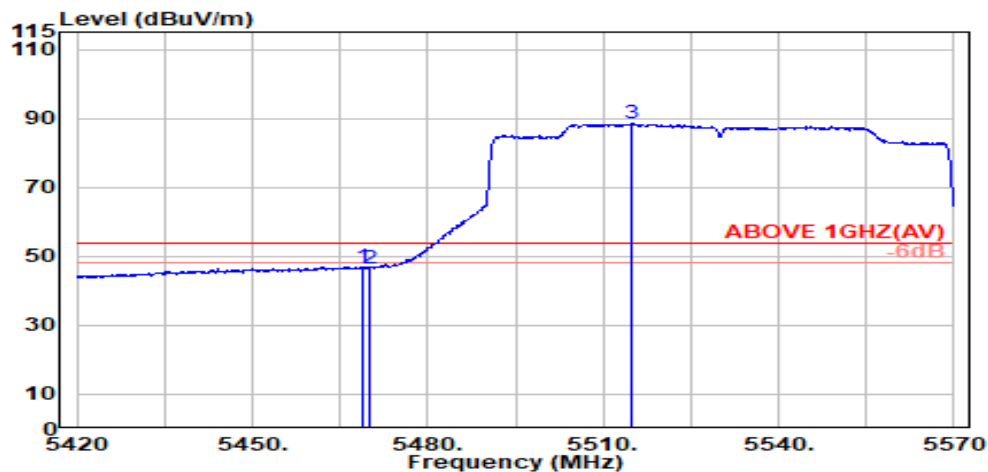
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	U-NII Band 2C
		Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5464.600	34.10	8.66	39.07	52.52	56.21	74.00	17.79	Peak
5470.000	34.10	8.67	39.07	50.82	54.52	74.00	19.48	Peak
@ 5506.500	34.09	8.71	39.07	94.75	98.47	---	---	Peak

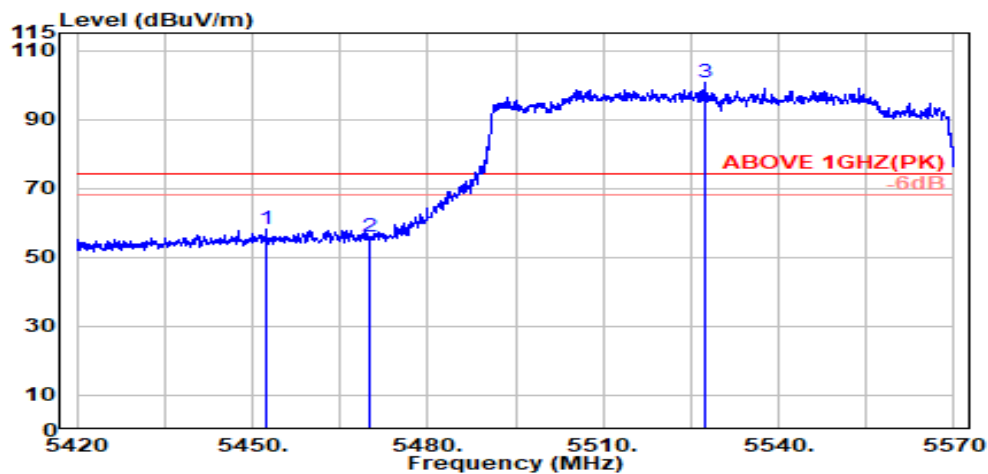


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.700	34.10	8.67	39.07	43.38	47.08	54.00	6.92	Average
5470.000	34.10	8.67	39.07	42.95	46.64	54.00	7.36	Average
@ 5515.000	34.07	8.71	39.07	84.76	88.47	---	---	Average

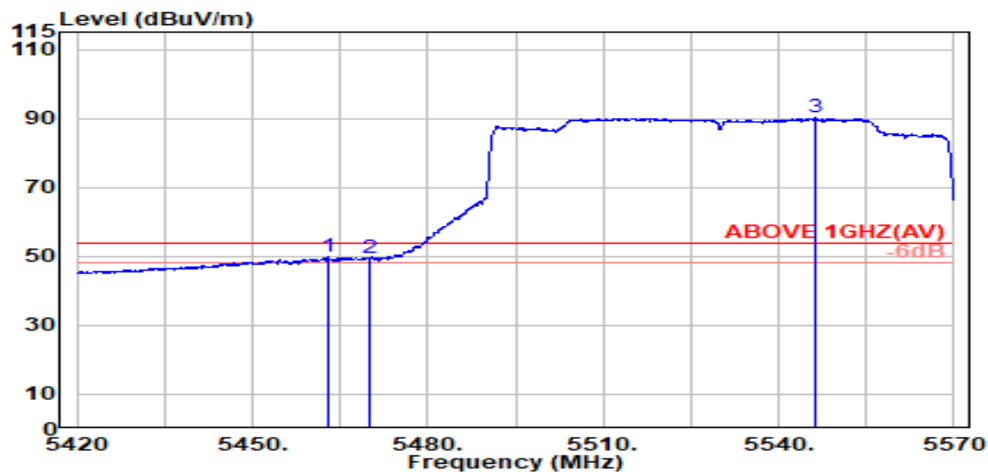
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	U-NII Band	U-NII Band 2C
		Frequency	TX 5530MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5452.400	34.10	8.65	39.07	54.32	57.99	74.00	16.01	Peak
5470.000	34.10	8.67	39.07	52.24	55.94	74.00	18.06	Peak
@ 5527.300	34.05	8.73	39.08	96.81	100.50	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.800	34.10	8.66	39.07	46.13	49.82	54.00	4.18	Average
5470.000	34.10	8.67	39.07	45.78	49.48	54.00	4.52	Average
@ 5546.400	34.01	8.75	39.08	86.39	90.06	---	---	Average

Remark: The “@” means fundamental frequency, it is ignored in this section.