

FCC 15.407 U-NII 5GHz Test Report

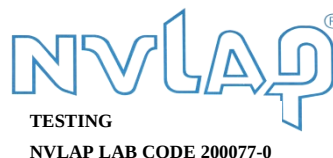
for

LG Electronics Inc.

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

Product Name : Notebook Computer
Model Name : (1)17Z90TL (2)17ZB90TL
(3)17ZD90TL (4)17ZG90TL
Brand LG
FCC ID : BEJNT-17Z90TL

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.

TABLE OF CONTENTS

Description	Page
TEST REPORT.....	4
1. REVISION RECORD OF TEST REPORT	5
2. SUMMARY OF TEST RESULTS	6
3. GENERAL INFORMATION	7
3.1. Description of Application	7
3.2. Description of EUT	8
3.3. Reference Test Guidance.....	9
3.4. Antenna Information	10
3.5. EUT Specifications Assessed in Current Report	12
3.6. Description of Key Components	16
3.7. Test Configuration	18
3.8. Output Power Setting	33
3.9. Tested Supporting System List.....	39
3.10. Setup Configuration.....	39
3.11. Operating Condition of EUT	40
3.12. Description of Test Facility	40
3.13. Measurement Uncertainty	41
4. MEASUREMENT EQUIPMENTLIST.....	42
4.1. Conducted Emission Measurement	42
4.2. Radiated Emission Measurement	43
4.3. RF Conducted Measurement	43
5. CONDUCTED EMISSION.....	44
5.1. Block Diagram of Test Setup	44
5.2. Conducted Emission Limit	44
5.3. Test Procedure	44
5.4. Test Results	44
6. RADIATED EMISSION	45
6.1. Block Diagram of Test Setup	45
6.2. Radiated Emission Limits.....	46
6.3. Test Procedure	49
6.4. Measurement Result Explanation.....	51
6.5. Test Results	51
7. EMISSION/OCCUPIED BANDWIDTH.....	52
7.1. Block Diagram of Test Setup	52
7.2. Specification Limits.....	52
7.3. Test Procedure	52
7.4. Test Results	53
8. MAXIMUM OUTPUT POWER	54
8.1. Block Diagram of Test Setup	54
8.2. Specification Limits.....	54
8.3. Test Procedure	55
8.4. Test Results	55
9. POWER SPECTRAL DENSITY	56
9.1. Block Diagram of Test Setup	56



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

9.2. Specification Limits.....	56
9.3. Test Procedure	56
9.4. Test Results	56
10. FREQUENCY STABILITY	57
10.1. Block Diagram of Test Setup	57
10.2. Specification Limits.....	57
10.3. Test Procedure	57
10.4. Test Results	57
11. DEVIATION TO TEST SPECIFICATIONS	58

APPENDIX A TEST DATA AND PLOTS

APPENDIX B TEST PHOTOGRAPHS



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

TEST REPORT

Applicant : LG Electronics Inc.
Manufacturer : LG Electronics Inc.
Factory : LG Electronics Nanjing New Technology Co., Ltd.
EUT Description
(1) Product : Notebook Computer
(2) Model : (1)17Z90TL (2)17ZB90TL (3)17ZD90TL (4)17ZG90TL
(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: 2024. 12. 27

Reviewed by:

(Sunnie Huang/Administrator)

Approved by:

(Johnny Hsueh/Section Manager)



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

1. REVISION RECORD OF TEST REPORT

Edition No	Issued Date	Revision Summary	Report Number
0	2024. 12. 27	Original Report	EM-F240623

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-F240624
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
Factory	LG Electronics Nanjing New Technology Co., Ltd. No.346, Yaoxin Road, Economic & Technical Development Zone, Nanjing, China.
Product	Notebook Computer
Model	(1)17Z90TL (2)17ZB90TL (3)17ZD90TL (4)17ZG90TL The difference between all models is different in the sales customers and color difference.
Brand	LG

3.2. Description of EUT

Test Model	17Z90TL	
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 (BT5.4)	
Transmit Type	2.4 GHz	
	802.11b	1T1R
	802.11g	1T1R
	802.11n-HT20/40	2T2R
	802.11ax-HE20/40	2T2R
	802.11be-EHT20/40	2T2R
	BT/BLE	1T1R
	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
	The MIMO is uncorrelated and supported SDM(Spatial Division Multiplexing) mode only. This radio device doesn't support beamforming and Cyclic Delay Diversity (CDD).	
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
	03	AC Conduction, RSE, RF Conducted	N/A
	01	AC Conduction, RSE	N/A
Sample Status	Trial sample		
Date of Receipt	2024. 11. 11		
Date of Test	2024. 11. 28 ~ 12. 12		
Interface Ports of EUT	• One HDMI Port • Two USB Type C Ports • One Earphone Port • Two USB 3.0 Ports • One Memory Card Slot		
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
KDB 291074 D02 EMC Measurement v01
ANSI C63.10:2013

3.4. Antenna Information

No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain(dBi)	
					Main	AUX
1	WA-P-LBLB-04-117	INPAQ	Mono-Pole	2400~2500	2.4	2.2
				5150~5350	1.6	1.2
				5470~5725	1.3	0.7
				5725~5850	2.1	1.5
				5850~5900	1.6	1.6
				5925~6425	1.5	1.5
				6425~6525	1.4	1.4
				6525~6875	1.0	1.3
				6875~7125	1.2	2.1
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 = $10 \log[(10^{2.4/10} + 10^{2.2/10})/2] = 2.30$ dBi Note 2. 5G: Directional gain = 5150 ~ 5350MHz: = $10 \log[(10^{1.6/10} + 10^{1.2/10})/2] = 1.40$ dBi 5850 ~ 5900MHz: = $10 \log[(10^{1.6/10} + 10^{1.6/10})/2] = 1.60$ dBi Note 3. UNII Band (WLAN 6G): 5925~6425MHz: Directional gain = $10 \log[(10^{1.5/10} + 10^{1.5/10})/2] = 1.50$ dBi 6425~6525MHz: Directional gain = $10 \log[(10^{1.4/10} + 10^{1.4/10})/2] = 1.40$ dBi 6525~6875MHz: Directional gain = $10 \log[(10^{1.0/10} + 10^{1.3/10})/2] = 1.15$ dBi 6875~7125MHz: Directional gain = $10 \log[(10^{1.2/10} + 10^{2.1/10})/2] = 1.67$ dBi						

No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain(dBi)	
					Main	AUX
2	L1LRF018-CS-H	LUXSHARE-ICT	Mono-Pole	2400~2500	0.1	1.4
				5150~5350	3.3	3.6
				5470~5725	3.1	2.5
				5725~5850	1.0	2.5
				5850~5925	0.5	1.9
				5925~6425	2.7	2.8
				6425~6525	1.7	1.6
				6525~6825	0.4	1.3
				6825~7125	-1.2	-2.7
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 = $10 \log[(10^{0.1/10} + 10^{1.4/10})/2] = 0.80$ dBi Note 2. 5G: Directional gain = 5150 ~ 5350MHz: = $10 \log[(10^{3.3/10} + 10^{3.6/10})/2] = 3.45$ dBi 5850 ~ 5925MHz: = $10 \log[(10^{0.5/10} + 10^{1.9/10})/2] = 1.26$ dBi Note 3. UNII Band (WLAN 6G): 5925~6425MHz: Directional gain = $10 \log[(10^{2.7/10} + 10^{2.8/10})/2] = 2.75$ dBi 6425~6525MHz: Directional gain = $10 \log[(10^{1.7/10} + 10^{1.6/10})/2] = 1.65$ dBi 6525~6825MHz: Directional gain = $10 \log[(10^{0.4/10} + 10^{1.3/10})/2] = 0.87$ dBi 6825~7125MHz: Directional gain = $10 \log[(10^{-1.2/10} + 10^{-2.7/10})/2] = -1.89$ 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	LNL MAIN B/D PCB	Manufacturer: #1 Hannstar Board Tech (Jiang Yin) Corp., Ltd. #2 Elec&Eltek Company (MCO) Limited.
SUB Board	LG	17Z90TL SUB B/D	Manufacturer: #1 Hannstar Board Tech (Jiang Yin) Corp., Ltd. #2 Elec&Eltek Company (MCO) Limited.
CPU (Socket: BGA2833)	Intel	Ultra 9 288V (RAM 32GB)	3.3GHz (RAM 32GB LPDDR5x on CPU RAM)
		Ultra 7 258V (RAM 32GB)	2.2GHz (RAM 32GB LPDDR5x on CPU RAM)
		Ultra 7 256V (RAM 16GB)	2.2GHz (RAM 16GB LPDDR5x on CPU RAM)
		Ultra 5226V (RAM 16GB)	2.1GHz (RAM 16GB LPDDR5x on CPU RAM)
17" LCD Panel	LG Display	LP170WQ1 (SP)(F2)	Resolution: 2560 x 1600, 60Hz (with Touch & w/o Touch)
Storage (SSD)	Samsung	---	256GB / 512GB / 1TB
	SK hynix	---	256GB / 512GB / 1TB
	Phison	---	256GB / 512GB / 1TB
Battery Pack	LG	LB3122MM	77Wh, DC 15.52V, 4963mAh
WLAN Combo Card	Intel	BE201D2W	WLAN and BT, 2x2 PCIe M.2 1216-soldered down module FCC ID: PD9BE201D2 IC: 1000M-BE201D2
WLAN Combo Antenna	LG (INPAQ)	WA-P-LBLB-04-117	PCB, Mono-pole Type (Black, Gray) for with Touch LCD Panel
	LG (LUXSHARE)	L1LRF018-CS-H	PCB, Mono-pole Type (Black, Gray) for without Touch LCD Panel
Keyboard	LITE-ON	SN8D02B	---
	TIC	KT0120B9	---
Touch Pad	LITE-ON	SP8001(SG-A0630-00A)	---
	ELAN	SD081A-36H0	---
Web Camera	Chicony	CKFOF1721005290LH	---
Finger Print	ELAN	F1207A-H0001A	(White)
		F1207A-H0002A	(Black)
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
	#1 Type C Cable (3A)		
	#2 Type C Cable (5A)		

Item	Supplier	Model / Type	Character
AC Adapter	LG (PI ELECTRONICS)	LP65WFC20P-NJ	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-mount, Black / White)
	#1 Type C Cable, Shielded, Undetached (5A) #2 Type C Cable, Shielded, Undetached (3A)		

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

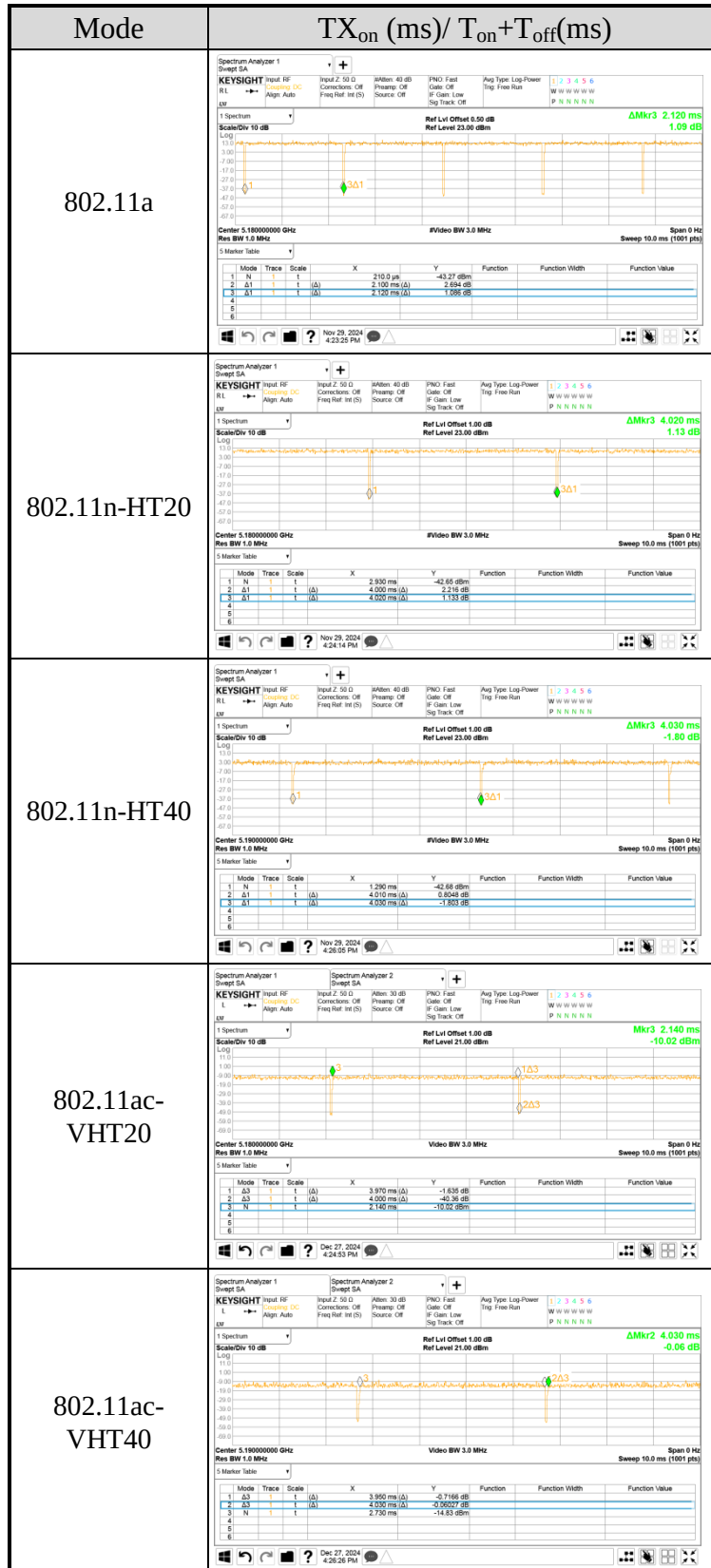
3.6.2. The EUT collocates with following worst components, which are used to establish a basic configuration of system during test:

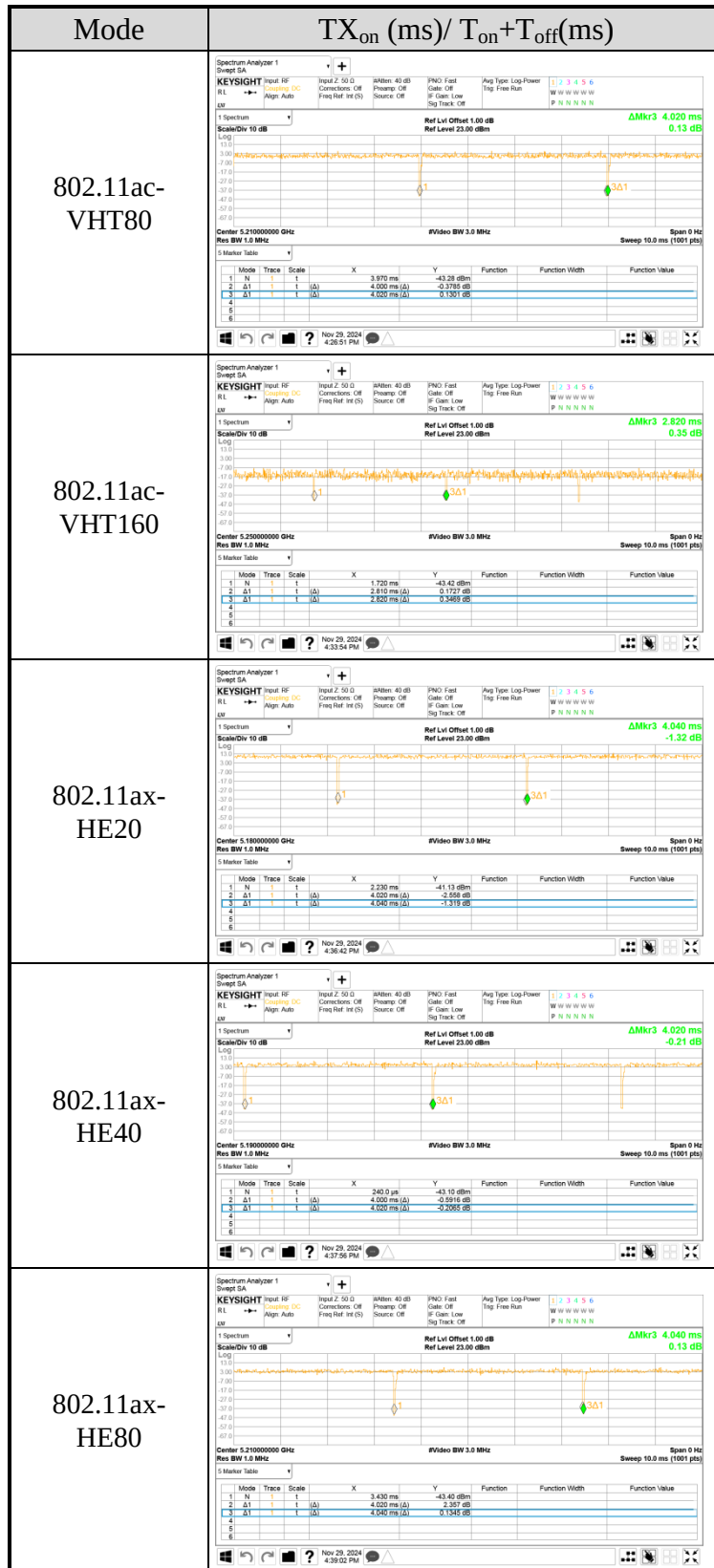
SKU (Mode)			1
Main Board	LG, LNL MAIN B/D PCB		V
SUB Board	LG, 17Z90TL SUB B/D		V
CPU	Intel, Ultra 9 288V (RAM 32GB)		V
17" LCD Panel	LG Display, LP170WQ1 (SP)(F2)		V
Storage (SSD)	SAMSUNG, 512GB /+1TB		V
Battery Pack	LG, LB3122MM, 77Wh		V
Keyboard	LITE-ON, SN8D02B		V
Touch Pad	LITE-ON, SP8001 (SG-A0630-00A)		V
Web Camera	Chicony, CKFOF1721005290LH		V
Finger Print	ELAN, F1207A-H0002A		V
WLAN Combo Card	Intel, BE201D2W		V
WLAN Combo Antenna	LG (INPAQ), WA-P-LBLB-04-117		V
	LG (LUXSHARE), L1LRF018-CS-H		V
Type C	AC Adapter	LG (PI ELECTRONICS), LP65WFC20P-NJ	V
	Link to LAN Gender	SUZHOU MEC ELECTRONICS. (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	2.100	2.120	0.991	N/A
802.11n-HT20	4.000	4.020	0.995	N/A
802.11n-HT40	4.010	4.030	0.995	N/A
802.11ac-VHT20	3.970	4.000	0.993	N/A
802.11ac-VHT40	3.950	4.030	0.980	N/A
802.11ac-VHT80	4.000	4.020	0.995	N/A
802.11ac-VHT160	2.810	2.820	0.996	N/A
802.11ax-HE20	4.020	4.040	0.995	N/A
802.11ax-HE40	4.000	4.020	0.995	N/A
802.11ax-HE80	4.020	4.040	0.995	N/A
802.11ax-HE160	2.450	2.470	0.992	N/A
802.11be-EHT20	4.010	4.030	0.995	N/A
802.11be-EHT40	4.000	4.030	0.993	N/A
802.11be-EHT80	4.010	4.030	0.995	N/A
802.11be-EHT160	4.000	4.020	0.995	N/A
802.11ax-HE20 (RU Config 26)	2.610	2.630	0.992	N/A
802.11ax-HE20 (RU Config 52)	2.620	2.640	0.992	N/A
802.11ax-HE20 (RU Config 106)	2.620	2.630	0.996	N/A
802.11ax-HE40 (RU Config 242)	2.610	2.620	0.996	N/A
802.11ax-HE80 (RU Config 484)	2.620	2.640	0.992	N/A
802.11ax-HE160 (RU Config 996)	2.620	2.630	0.996	N/A
802.11be-EHT20 (RU Config 26)	2.600	2.620	0.992	N/A
802.11be-EHT20 (RU Config 52)	2.610	2.620	0.996	N/A
802.11be-EHT20 (RU Config 106)	2.600	2.620	0.992	N/A
802.11be-EHT40 (RU Config 242)	2.590	2.600	0.996	N/A
802.11be-EHT80 (RU Config 484)	2.590	2.600	0.996	N/A
802.11be-EHT160 (RU Config 996)	2.600	2.620	0.992	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.







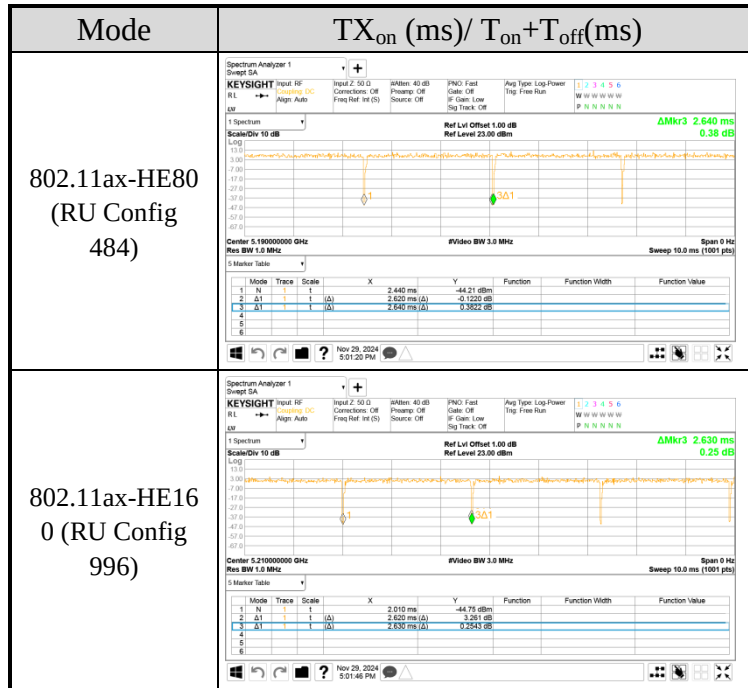
Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

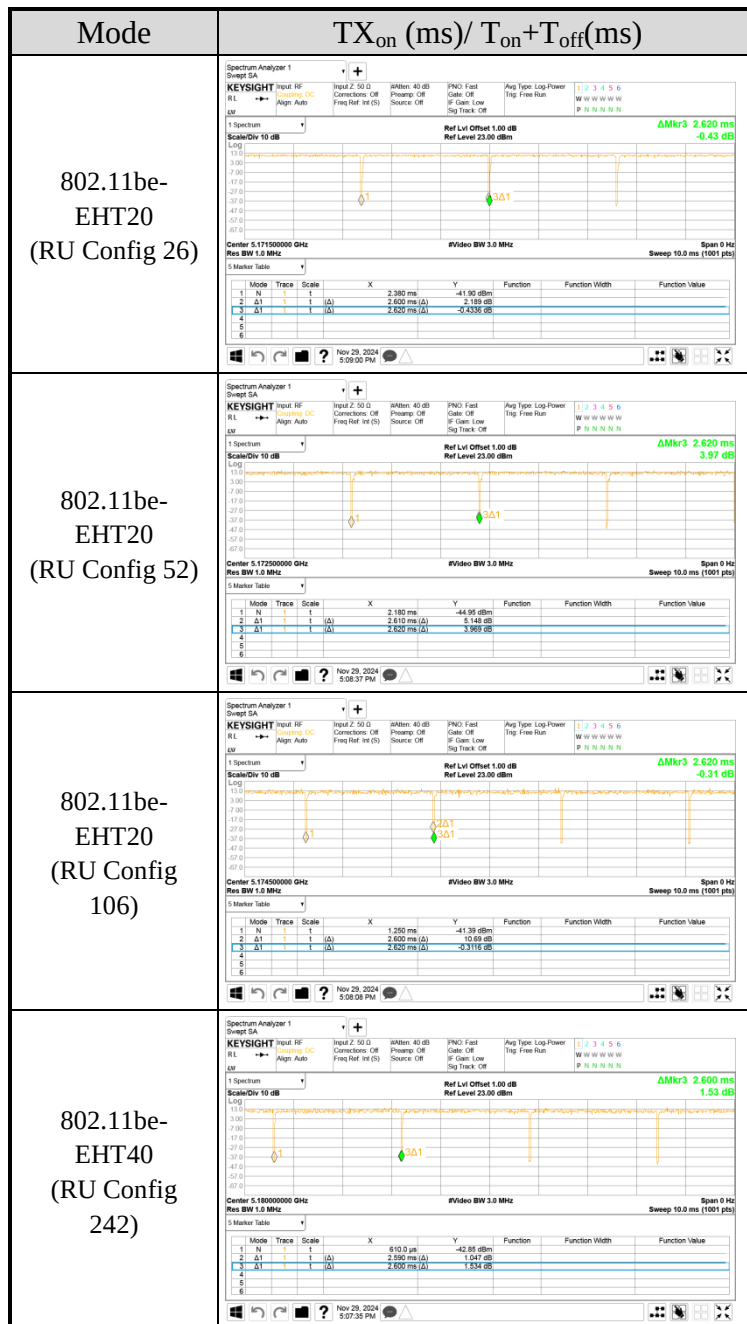
Tel: +886 2 26099301
Fax: +886 2 26099303



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

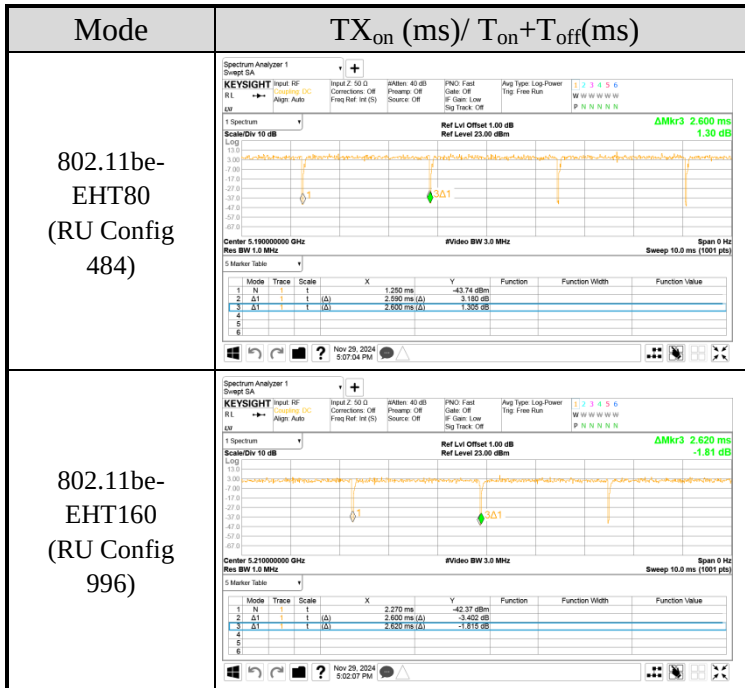
Tel: +886 2 26099301
Fax: +886 2 26099303





Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303



AC Conduction				
Normal operation (With INPAQ Antenna)				
Normal operation (With LUXSHARE-ICT Antenna)				

Item	Antenna	Mode	Data Rate	Test Channel
Radiated Test Case	INPAQ	802.11n-HT20	MCS8	173
	LUXSHARE-ICT	802.11n-HT20	MCS8	173

Item		Antenna	Mode	Data Rate	Test Channel
Radiated Test Case	Radiated Band Edge Note1	INPAQ	802.11a	6 Mbps	36/64/100/140/144/149/165/177
			802.11n-HT20	MCS8	36/64/100/140/144/149/165/177
			802.11n-HT40	MCS8	38/62/102/134/142/151/159/175
			802.11ac-VHT80	MCS0	42/58/106/122/138/155/171
			802.11ac-VHT160	MCS0	50/114/163
			802.11ax-HE20	HE0	36/64/100/140/144/149/165/177
			802.11ax-HE40	HE0	38/62/102/134/142/151/159/175
			802.11ax-HE80	HE0	42/58/106/122/138/155/171
			802.11ax-HE160	HE0	50/114/176
			802.11be-EHT20	EHT0	36/64/100/140/144/149/165/171
			802.11be-EHT40	EHT0	38/62/102/134/142/151/159/175
			802.11be-EHT80	EHT0	42/58/106/122/138/155/171
			802.11be-EHT160	EHT0	50/114/163
	Radiated Spurious Emission Note1 & 2		802.11a	6 Mbps	40/52/140/144/157/177
			802.11n-HT20	MCS8	48/52/140/144/149/173
			802.11n-HT40	MCS8	46/54/134/142/151/167
			802.11ac-VHT80	MCS0	42/58/122/138/155/171
			802.11ac-VHT160	MCS0	50/114/163
			802.11ax-HE20	HE0	48/60/140/144/149/173
			802.11ax-HE40	HE0	46/62/110/142/151/167
			802.11ax-HE80	HE0	42/58/122/138/155/171
			802.11ax-HE160	HE0	50/114/163
			802.11be-EHT20	EHT0	40/60/140/144/157/177
			802.11be-EHT40	EHT0	46/62/134/142/159/167
			802.11be-EHT80	EHT0	42/58/122/138/155/171
			802.11be-EHT160	EHT0	50/114/163

Item		Antenna	Mode	Data Rate	RU Configuration	Test Channel
Radiated Test Case	Radiated Band Edge Note1	INPAQ	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		Antenna	Mode	Data Rate	Test Channel
Radiated Test Case	Radiated Band Edge Note1	LUXSHA RE-ICT	802.11a	6 Mbps	36/64/100/140/144/149/165/177
			802.11n-HT20	MCS8	36/64/100/140/144/149/165/177
			802.11n-HT40	MCS8	38/62/102/134/142/151/159/175
			802.11ac-VHT80	MCS0	42/58/106/122/138/155/171
			802.11ac-VHT160	MCS0	50/114/163
			802.11ax-HE20	HE0	36/64/100/140/144/149/165/177
			802.11ax-HE40	HE0	38/62/102/134/142/151/159/175
			802.11ax-HE80	HE0	42/58/106/122/138/155/171
			802.11ax-HE160	HE0	50/114/176
			802.11be-EHT20	EHT0	36/64/100/140/144/149/165/171
			802.11be-EHT40	EHT0	38/62/102/134/142/151/159/175
			802.11be-EHT80	EHT0	42/58/106/122/138/155/171
			802.11be-EHT160	EHT0	50/114/163
	Radiated Spurious Emission Note1 & 2		802.11a	6 Mbps	36/60/140/144/157/169
			802.11n-HT20	MCS8	48/52/140/144/149/169
			802.11n-HT40	MCS8	46/54/134/142/151/167
			802.11ac-VHT80	MCS0	42/58/106/138/155/171
			802.11ac-VHT160	MCS0	50/114/163
			802.11ax-HE20	HE0	48/60/100/144/157/169
			802.11ax-HE40	HE0	46/62/134/142/151/167
			802.11ax-HE80	HE0	42/58/106/138/155/171
			802.11ax-HE160	HE0	50/114/163
			802.11be-EHT20	EHT0	48/52/140/144/157/169
			802.11be-EHT40	EHT0	38/62/102/142/159/167
			802.11be-EHT80	EHT0	42/58/106/138/155/171
			802.11be-EHT160	EHT0	50/114/163

Item		Antenna	Mode	Data Rate	RU Configuration	Test Channel
Radiated Test Case	Radiated Band Edge Note1	LUXSHA RE-ICT	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-EHT80	EHT0	242/61	38/102/151
				EHT0	242/62	62/134/159
			802.11be-EHT160	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	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	
		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-HE80	HE0	242/61	38/102/151
			HE0	242/62	62/134/159
		802.11ax-HE160	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-EHT80	EHT0	242/61	38/102/151
			EHT0	242/62	62/134/159
		802.11be-EHT160	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	16.000	16.000
		5200	16.000	16.000
		5240	16.000	16.000
	2A	5260	16.000	16.000
		5300	16.000	16.000
		5320	16.000	16.000
	2C	5500	16.000	16.000
		5580	16.000	16.000
		5700	16.000	16.000
		5720	16.000	16.000
	3	5745	16.000	16.000
		5785	16.000	16.000
		5825	16.000	16.000
	4	5845	16.000	16.000
		5865	16.000	16.000
		5885	16.000	16.000

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	16.000	16.000
		5200	16.000	16.000			5200	16.000	16.000
		5240	16.000	16.000			5240	16.000	16.000
	2A	5260	16.000	16.000		2A	5260	16.000	16.000
		5300	16.000	16.000			5300	16.000	16.000
		5320	16.000	16.000			5320	16.000	16.000
	2C	5500	16.000	16.000		2C	5500	16.000	16.000
		5580	16.000	16.000			5580	16.000	16.000
		5700	16.000	16.000			5700	16.000	16.000
		5720	16.000	16.000			5720	16.000	16.000
	3	5745	16.000	16.000		3	5745	16.000	16.000
		5785	16.000	16.000			5785	16.000	16.000
		5825	16.000	16.000			5825	16.000	16.000
	4	5845	15.750	15.750		4	5845	15.750	15.750
		5865	15.750	15.750			5865	15.750	15.750
		5885	15.750	15.750			5885	15.750	15.750

Mode	U-NII Band	Centre Frequency (MHz)	Power	
			AUX	Main
802.11ac-VHT20	1	5180	16.000	16.000
		5200	16.000	16.000
		5240	16.000	16.000
	2A	5260	16.000	16.000
		5300	16.000	16.000
		5320	16.000	16.000
	2C	5500	16.000	16.000
		5580	16.000	16.000
		5700	16.000	16.000
		5720	16.000	16.000
	3	5745	16.000	16.000
		5785	16.000	16.000
		5825	16.000	16.000
	4	5845	15.750	15.750
		5865	15.750	15.750
		5885	15.750	15.750

Mode	U-NII Band	Centre Frequency (MHz)	Power	
			AUX	Main
802.11be-EHT20	1	5180	16.000	16.000
		5200	16.000	16.000
		5240	16.000	16.000
	2A	5260	16.000	16.000
		5300	16.000	16.000
		5320	16.000	16.000
	2C	5500	16.000	16.000
		5580	16.000	16.000
		5700	16.000	16.000
		5720	16.000	16.000
	3	5745	16.000	16.000
		5785	16.000	16.000
		5825	16.000	16.000
	4	5845	15.750	15.750
		5865	15.750	15.750
		5885	15.750	15.750

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	16.000	16.000	802.11ax-HE40	1	5190	16.000	16.000
		5230	16.000	16.000			5230	16.000	16.000
	2A	5270	16.000	16.000		2A	5270	16.000	16.000
		5310	16.000	16.000			5310	16.000	16.000
	2C	5510	16.000	16.000		2C	5510	16.000	16.000
		5550	16.000	16.000			5550	16.000	16.000
		5670	16.000	16.000			5670	16.000	16.000
		5710	16.000	16.000			5710	16.000	16.000
	3	5755	16.000	16.000		3	5755	16.000	16.000
		5795	16.000	16.000			5795	16.000	16.000
	4	5835	16.000	16.000		4	5835	16.000	16.000
		5875	16.000	16.000			5875	16.000	16.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11ac-VHT40	1	5190	16.000	16.000
		5230	16.000	16.000
	2A	5270	16.000	16.000
		5310	16.000	16.000
	2C	5510	16.000	16.000
		5550	16.000	16.000
		5670	16.000	16.000
		5710	16.000	16.000
	3	5755	16.000	16.000
		5795	16.000	16.000
	4	5835	16.000	16.000
		5875	16.000	16.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11be-EHT40	1	5190	16.000	16.000
		5230	16.000	16.000
	2A	5270	16.000	16.000
		5310	16.000	16.000
	2C	5510	16.000	16.000
		5550	16.000	16.000
		5670	16.000	16.000
		5710	16.000	16.000
	3	5755	16.000	16.000
		5795	16.000	16.000
	4	5835	16.000	16.000
		5875	16.000	16.000

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	16.000	16.000	802.11ax-HE80	1	5210	16.000	16.000
	2A	5290	16.000	16.000		2A	5290	16.000	16.000
	2C	5530	16.000	16.000		2C	5530	16.000	16.000
		5610	16.000	16.000			5610	16.000	16.000
		5690	16.000	16.000			5690	16.000	16.000
	3	5775	16.000	16.000		3	5775	16.000	16.000
	4	5855	16.000	16.000		4	5855	16.000	16.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11be-EHT80	1	5210	16.000	16.000
	2A	5290	16.000	16.000
	2C	5530	16.000	16.000
		5610	16.000	16.000
		5690	16.000	16.000
	3	5775	16.000	16.000
	4	5855	16.000	16.000

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	15.500	15.500	802.11ax-HE160	1 / 2A	5250	15.500	15.500
	2C	5570	16.000	16.000		2C	5570	16.000	16.000
	4	5815	16.000	16.000		4	5815	16.000	16.000

Mode	U-NII Band	Centre Frequency (MHz)	Power Setting	
			AUX	Main
802.11be-EHT160	1 / 2A	5250	15.500	15.500
	2C	5570	16.000	16.000
	4	5815	16.000	16.000

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	15.500	15.500
	2A	5320	26/8	9.750	9.750
			52/40	12.500	12.500
			106/54	15.500	15.500
	2C	5500	26/0	9.750	9.750
			52/37	12.500	12.500
			106/53	15.500	15.500
		5700	26/8	9.750	9.750
			52/40	12.500	12.500
			106/54	15.500	15.500
	3	5745	26/0	16.000	16.000
			52/37	16.000	16.000
			106/53	16.000	16.000
		5825	26/8	16.000	16.000
			52/40	16.000	16.000
			106/54	16.000	16.000
802.11ax- HE40	1	5190	242/61	16.000	16.000
	2A	5310	242/62	16.000	16.000
	2C	5510	242/61	16.000	16.000
		5670	242/62	16.000	16.000
	3	5755	242/61	16.000	16.000
		5795	242/62	16.000	16.000
802.11ax- HE80	1	5210	484/65	16.000	16.000
	2A	5290	484/66	16.000	16.000
	2C	5530	484/65	16.000	16.000
		5610	484/66	16.000	16.000
	3	5775	484/65	16.000	16.000
			484/66	16.000	16.000
802.11ax- HE160	1/ 2A	5250	996/67	16.000	16.000
			996/S67	15.500	15.500
	2C	5570	996/67	16.000	16.000
			996/S67	16.000	16.000

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	16.000	16.000
			52/37	16.000	16.000
			106/53	16.000	16.000
		5825	26/8	16.000	16.000
			52/40	16.000	16.000
			106/54	16.000	16.000
802.11be-EHT40	1	5190	242/61	16.000	16.000
	2A	5310	242/62	16.000	16.000
	2C	5510	242/61	16.000	16.000
		5670	242/62	16.000	16.000
	3	5755	242/61	16.000	16.000
		5795	242/62	16.000	16.000
802.11be-EHT80	1	5210	484/65	16.000	16.000
	2A	5290	484/66	16.000	16.000
	2C	5530	484/65	16.000	16.000
		5610	484/66	16.000	16.000
	3	5775	484/65	16.000	16.000
			484/66	16.000	16.000
802.11be-EHT160	1/ 2A	5250	996/67	16.000	16.000
			996/S67	15.500	15.500
	2C	5570	996/67	16.000	16.000
			996/S67	16.000	16.000

3.9. Tested Supporting System List

3.9.1. Support Peripheral Unit

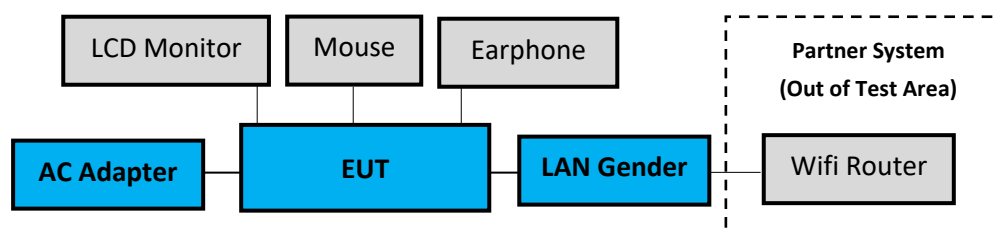
No.	Product	Brand	Model No.	Serial No.	Approval
1.	LCD Monitor	DELL	U2718Qb	CN-0M5R5F-QDC 00-99P-04CL	N/A
2.	USB Mouse	Lenovo	SM-8823	8SSM50L24506AV LC99H049R	N/A
3.	Earphone	APPLE	N/A	N/A	N/A
Partner System					
4.	WiFi Router	ASUS	RT-BE96U	RBIG6G200822ZT7	FCC ID: MSQ-RTBE6G00

3.9.2. Cable Lists

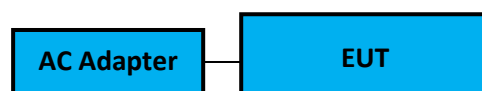
No.	Cable Description Of The Above Support Units
1.	HDMI Cable: Shielded, Detachable, 1.8m AC Power Cord: Unshielded, Detachable, 1.8m
2.	USB Cable: Unshielded, Undetachable, 1.8 m
3.	Earphone Cable: Unshielded, Undetachable, 1.2m
4.	AC adapter: M/N: ADD011, DC Power Cable: Unshielded, Detachable, 1.8m, 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	±3.6dB
			150kHz-30MHz	±3.3dB
	☒	No. 8 Shielded Room	9kHz-150kHz	±3.7dB
			150kHz-30MHz	±3.4dB
Radiation Test	☒	No.1 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.8dB
			200MHz-1000MHz, 3m, Horizontal	±4.2dB
			30MHz-200MHz, 3m, Vertical	±4.7dB
			200MHz-1000MHz, 3m, Vertical	±4.8dB
			1GHz-6GHz, 3m	±4.8dB
			6GHz-18GHz, 3m	±4.3dB
	☐	No.3 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.9dB
			200MHz-1000MHz, 3m, Horizontal	±4.2dB
			30MHz-200MHz, 3m, Vertical	±4.7dB
			200MHz-1000MHz, 3m, Vertical	±4.8dB
			1GHz-6GHz, 3m	±4.5dB
			6GHz-18GHz, 3m	±4.0dB
	☐	No.4 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.9dB
			200MHz-1000MHz, 3m, Horizontal	±4.3dB
			30MHz-200MHz, 3m, Vertical	±4.8dB
			200MHz-1000MHz, 3m, Vertical	±4.9dB
			1GHz-6GHz, 3m	±4.2dB
			6GHz-18GHz, 3m	±3.8dB
	☐	No.5 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.9dB
			200MHz-1000MHz, 3m, Horizontal	±4.1dB
			30MHz-200MHz, 3m, Vertical	±4.8dB
			200MHz-1000MHz, 3m, Vertical	±4.7dB
			1GHz-6GHz, 3m	±4.8dB
			6GHz-18GHz, 3m	±4.6dB
		Radiated emissions (18GHz-40GHz)		18GHz-40GHz, 3m

Remark : Uncertainty = $ku_c(y)$

Test Items	Uncertainty
Bandwidth	± 0.2kHz
Maximum output power	± 0.33dB
Power spectral density	± 0.13dB

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	2024.01.09	1 Year
2.	FOUR-LINE V-NETWORK	R&S	ENV432	101567	2024.06.07	1 Year
3.	L.I.S.N.	Kyoritsu	KNW-407	8-1370-10	2024.01.15	1 Year
4.	Pulse Limiter	R&S	ESH3-Z2	100354	2023.12.09	1 Year
5.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.8 S/R	2024.04.11	1 Year
6.	Coaxial Cable	Yeida	RG/58AU	CE-08	2024.09.04	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	2024.08.12	1 Year
2.	Spectrum Analyzer	Keysight	N9010B-544	MY55460198	2024.03.21	1 Year
3.	Test Receiver	R&S	ESCS30	100338	2024.06.18	1 Year
4.	Amplifier	EMCI	EMC9145	980751	2024.07.09	1 Year
5.	Amplifier	HP	8447D	2944A06305	2023.12.20	1 Year
6.	Microwave Preamplifier	Agilent	8449B	3008A02678	2024.02.20	1 Year
7.	Microwave Amplifier	Keysight	83051A	MY56480113	2024.09.11	1 Year
8.	Loop antenna	Electro-Metrics	EMCI-LPA600	287	2024.07.31	1 Year
9.	Bilog Antenna	TESEQ	CBL6112D	33821	2024.02.17	1 Year
10.	Double-Ridged Waveguide Horn	EMCO	3115	9112-3775	2024.04.30	1 Year
11.	Horn Antenna	COM-POWER	AH-840	101092	2024.01.12	1 Year
12.	5G Notch Filter	Microwave Circuits	N0452502	459775	2024.04.10	1 Year
13.	5G Notch Filter	Microwave Circuits	N0555983	504921	2024.04.10	1 Year
14.	5G Notch Filter	Microwave Circuits	N0257881	459776	2024.04.10	1 Year
15.	Coaxial Cable	MIYAZAKI	5D2W	RE-11	2024.01.05	1 Year
16.	Coaxial Cable	HUBER+SUHNER	RG223/U	RE-33	2024.03.01	1 Year
17.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 106	RE-14	2024.01.05	1 Year
18.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 102	RE-30	2024.08.20	1 Year
19.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.1 3m A/C	2024.04.11	1 Year
20.	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	N9010B	MY59071380	2024.03.29	1 Year
2.	Power Meter	Anritsu	ML2495A	2127005	2024.11.19	1 Year
3.	Power Meter	Anritsu	ML2495A	2127004	2023.11.30	1 Year
4.	Power Sensor	Anritsu	MA2411B	1911360	2023.11.29	1 Year
5.	Power Sensor	Anritsu	MA2411B	1911356	2024.11.19	1 Year
6.	Digital Thermo-Hygro Meter	iMax	HTC-1	RF-03	2024.04.11	1 Year

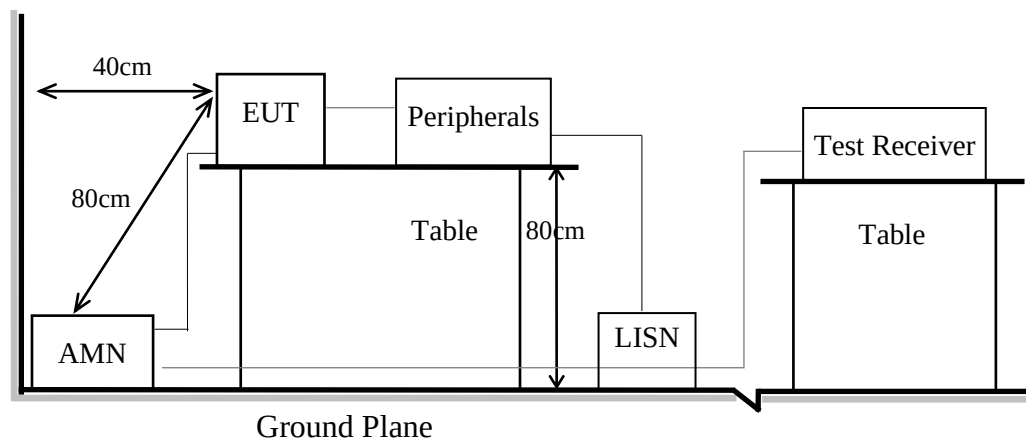
5. CONDUCTED EMISSION

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.

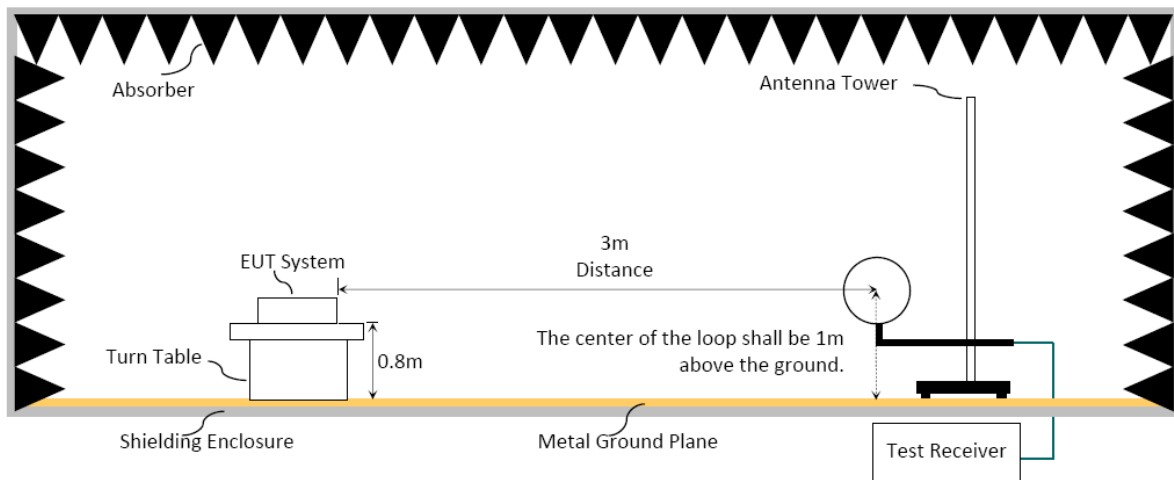
6. RADIATED EMISSION

6.1. Block Diagram of Test Setup

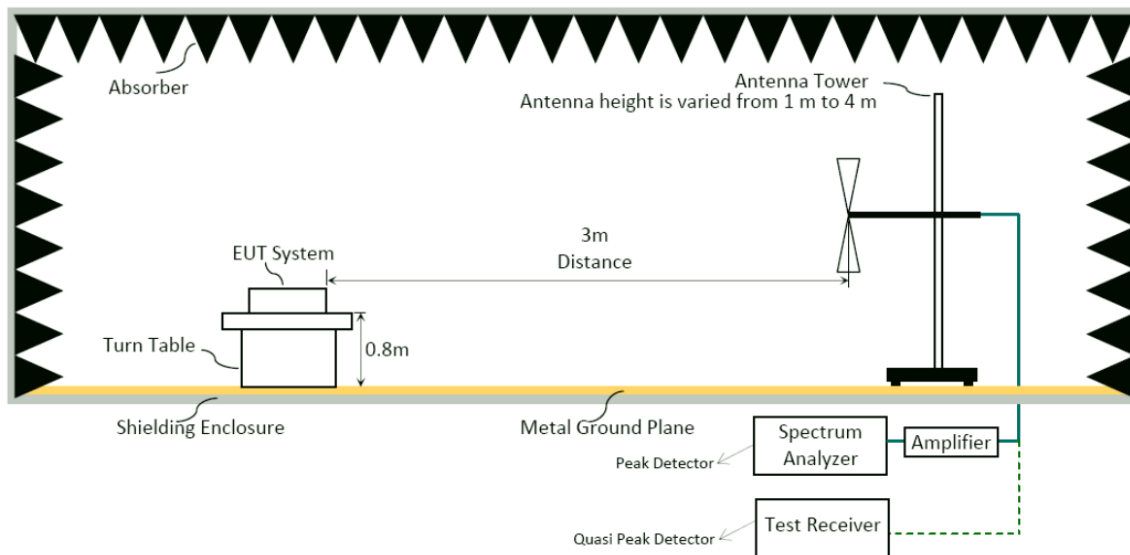
6.1.1. Block Diagram of EUT

Indicated as section 3.10

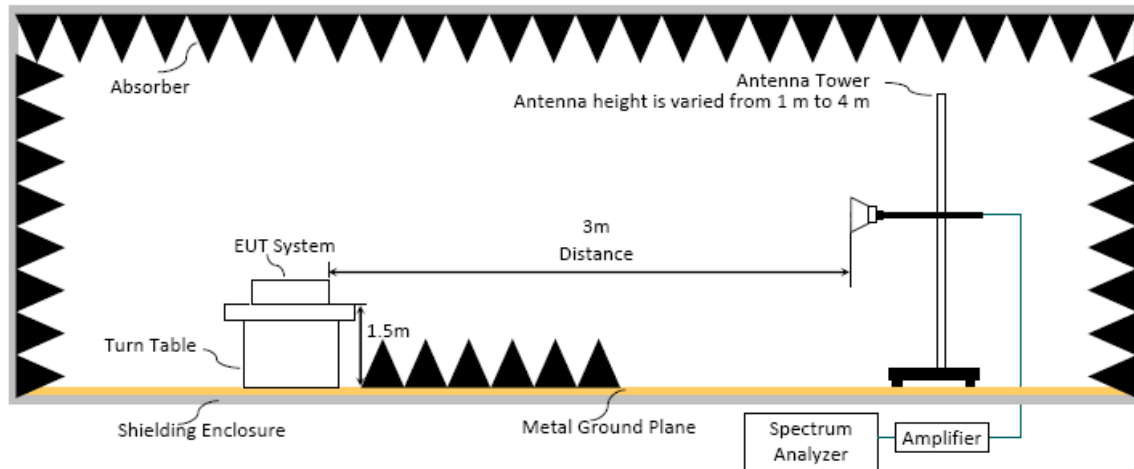
6.1.2. Setup Diagram for 9kHz-30MHz



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.

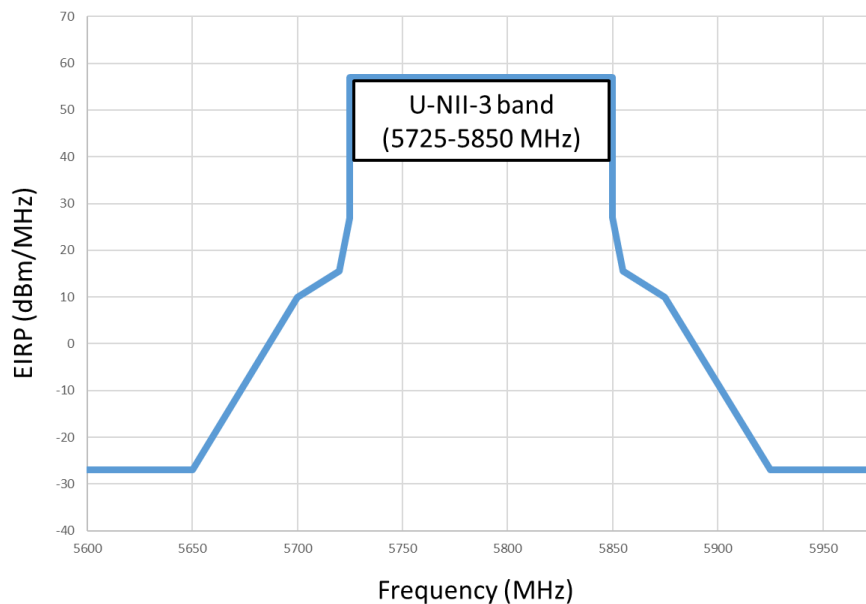
(5) Pursuant to ANSI C63.10: 6.6.4.3, if the maximized peak measured value complies with the average limit, then it is unnecessary to perform an average measurement.

6.2.2. Limit for non-restricted frequency above 1 GHz

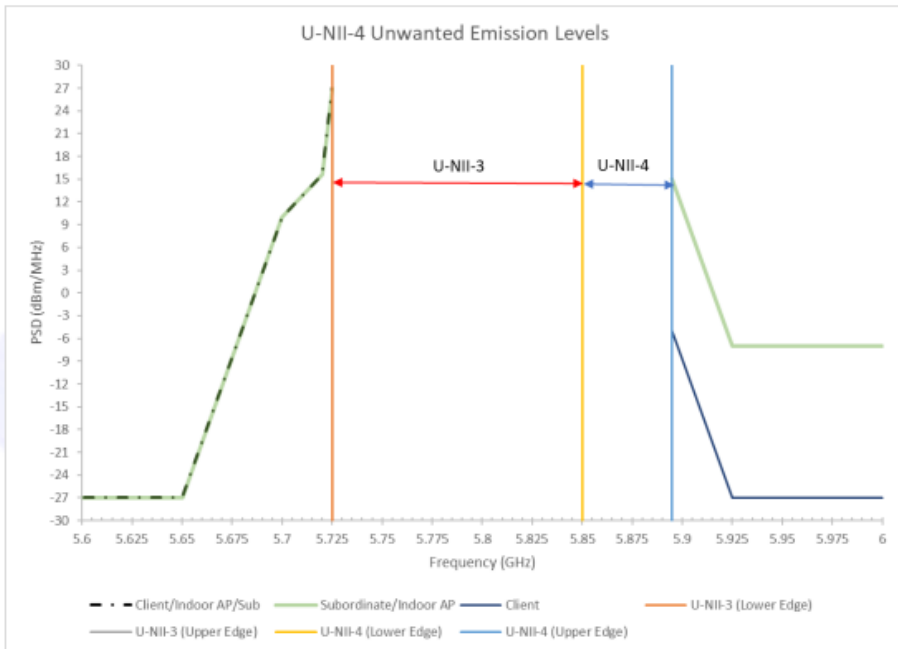
Frequency Band (MHz)	E.I.R.P. Limit	Field Strength Limit at 3 m
5150 to 5250	-27 dBm	68.2 dB μ V/m
5250 to 5350		68.2 dB μ V/m
5470 to 5725		68.2 dB μ V/m

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 limits for various U-NII-4 devices and the edges of U-NII-3 and U-NII-4 bands. The legend includes: 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 illustrates the required emission levels for different device types across the 5.6 to 6.0 GHz range, with specific limits for U-NII-3 and U-NII-4 bands indicated by vertical lines and horizontal arrows.

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 C63.10-2013 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 C63.10-2013 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-VHT80	10Hz
802.11ac-VHT160	10Hz
802.11ax-HE20	10Hz
802.11ax-HE40	10Hz
802.11ax-HE80	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

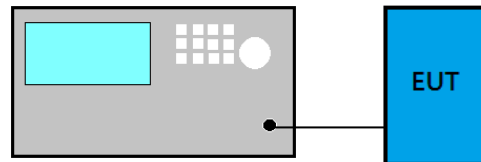
- Peak Emission Level(dB μ V/m)=Antenna Factor(dB/m) + Cable Loss (dB)– Preamp Gain (dB)+ Reading(dB μ V).
- Average Emission Level(dB μ V/m)= Antenna Factor(dB/m) + Cable Loss (dB)– Preamp Gain (dB)+ Reading(dB μ V).
- ☐ Average Emission Level(dB μ V/m)= Peak Emission Level(dB μ V/m)+ DCCF(dB)
Duty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

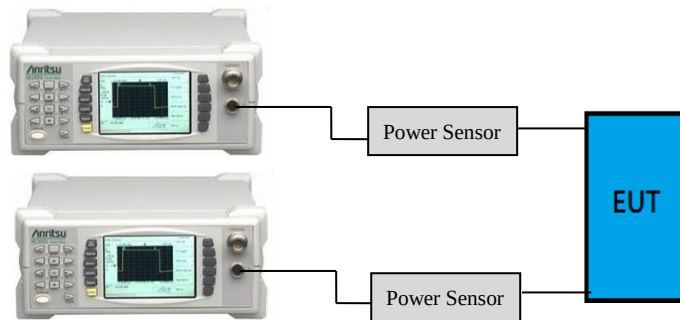
- (1) Set Span range 1.5~5 times the OBW
- (2) Set RBW close to 1% to 5% of OBW.
- (3) Set $VBW \geq 3 \times RBW$.
- (4) Detector = Peak.
- (5) Trace mode = Max hold
- (6) Sweep = Auto couple.
- (7) Allow the trace to stabilize.

7.4. Test Results

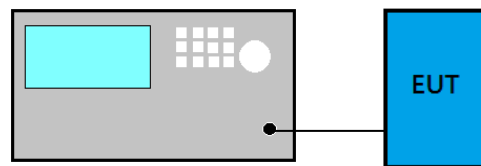
Please refer to Appendix A

8. MAXIMUM OUTPUT POWER

8.1. Block Diagram of Test Setup



- For 802.11ac-VHT80/160, 802.11ax-HE160 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 $11 \text{ dBm} + 10 \log B$ ^{Note1}
5470 to 5725		250 mW or $11 \text{ dBm} + 10 \log B$ ^{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 modes only**

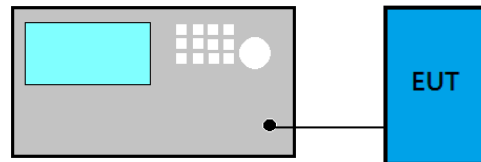
- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 MHz
- (3) Set the video bandwidth (VBW) ≥ 3 MHz.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Compute power by integrating the spectrum across the OBW of the signal using the 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

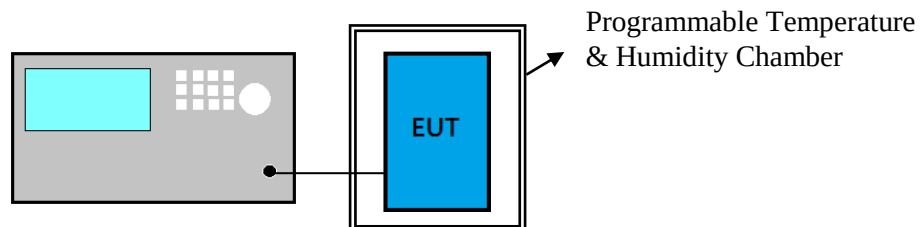
- (1) Set span to encompass the EBW (or 99% OBW) of the signal.
- (2) Set RBW = 1 MHz (Applicable to all bands except to 5725 MHz- 5850 MHz)/
Set RBW=100 KHz(when EUT operate at 5725 MHz- 5850 MHz)
- (3) Set the video bandwidth (VBW) ≥ 3 RBW.
- (4) Detector = RMS.
- (5) Trace mode = trace average at 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】



Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City 244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

APPENDIX A

TEST DATA AND PLOTS

(Model: 17Z90TL)

TABLE OF CONTENTS

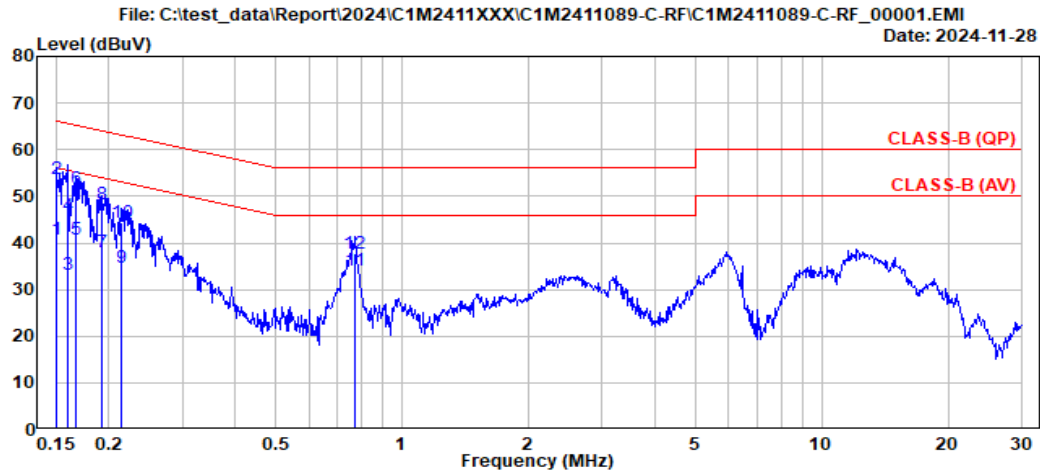
A.1 CONDUCTED EMISSION	2
A.2 RADIATED EMISSION	6
A.2.1 Emissions within Restricted Frequency Bands.....	6
A.2.2 Emissions outside the frequency band.....	485
A.2.3 Emissions in Non-restricted Frequency Bands.....	555
A.3 MAXIMUM OUTPUT POWER AND EMISSION/OCCUPIED BANDWIDTH.....	556
A.3.1 Average Output Power and Emission/Occupied Bandwidth.....	556
A.3.2 Measurement Plots	589
A.4 POWER SPECTRAL DENSITY	638
A.4.1 Power Spectral Density Result	638
A.4.2 Measurement Plots	665
A.5 FREQUENCY STABILITY	692
A.5.1 Frequency stability Result	692
A.6 BAND EDGE	693

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

A.1 CONDUCTED EMISSION

Test Date	2024/11/28	Temp./Hum.	21°C/52%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Byron Wu
Antenna	INPAQ		



Site No.	: No.7 Shielded Room	Data No.	: 1
Instrument 1	: Receiver ESR(114)		
Instrument 2	: ESH2-Z5 (366) (A) CE-07 ESH3-Z2 (495)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 21°C/52%	Test Rating	: 120ac/60Hz
EUT Model	: 17Z90TL	Engineer	: Byron Wu
Test Mode	: OPERATION		
	INPAQ		

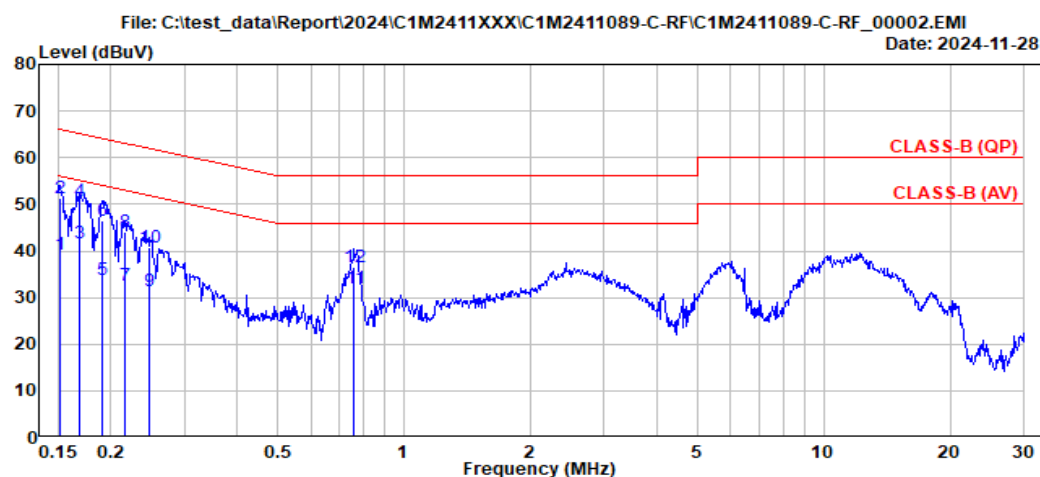
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.150	0.14	0.05	9.86	30.65	40.70	56.00	15.30	Average
2	0.150	0.14	0.05	9.86	43.80	53.85	66.00	12.15	QP
3	0.159	0.14	0.05	9.86	23.12	33.17	55.50	22.33	Average
4	0.159	0.14	0.05	9.86	35.90	45.95	65.50	19.55	QP
5	0.167	0.14	0.05	9.86	30.62	40.67	55.09	14.42	Average
6	0.167	0.14	0.05	9.86	41.54	51.59	65.09	13.50	QP
7	0.193	0.14	0.05	9.87	27.97	38.03	53.89	15.86	Average
8	0.193	0.14	0.05	9.87	38.34	48.40	63.89	15.49	QP
9	0.215	0.14	0.05	9.87	24.63	34.69	53.02	18.33	Average
10	0.215	0.14	0.05	9.87	34.28	44.34	63.02	18.68	QP
11	0.769	0.18	0.06	9.87	23.96	34.07	46.00	11.93	Average
12	0.769	0.18	0.06	9.87	27.67	37.78	56.00	18.22	QP

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Test Date	2024/11/28	Temp./Hum.	21°C/52%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Byron Wu
Antenna	INPAQ		



Site No.	: No.7 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(114)		
Instrument 2	: ESH2-Z5 (366)(A) CE-07 ESH3-Z2 (495)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 21°C/52%	Test Rating	: 120ac/60Hz
EUT Model	: 17Z90TL	Engineer	: Byron Wu
Test Mode	: OPERATION		
	INPAQ		

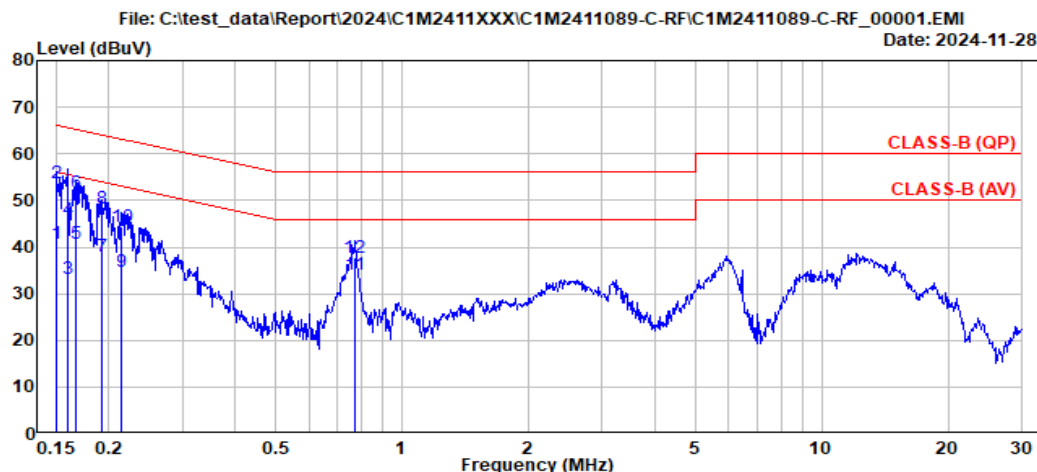
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	0.17	0.05	9.86	29.07	39.15	55.92	16.77	Average
2	0.152	0.17	0.05	9.86	41.24	51.32	65.92	14.60	QP
3	0.168	0.17	0.05	9.86	31.46	41.54	55.05	13.51	Average
4	0.168	0.17	0.05	9.86	40.69	50.77	65.05	14.28	QP
5	0.191	0.17	0.05	9.87	23.66	33.75	54.01	20.26	Average
6	0.191	0.17	0.05	9.87	36.46	46.55	64.01	17.46	QP
7	0.216	0.17	0.05	9.87	22.38	32.47	52.98	20.51	Average
8	0.216	0.17	0.05	9.87	34.00	44.09	62.98	18.89	QP
9	0.247	0.17	0.05	9.86	21.34	31.42	51.86	20.44	Average
10	0.247	0.17	0.05	9.86	30.61	40.69	61.86	21.17	QP
11	0.762	0.19	0.06	9.87	21.85	31.97	46.00	14.03	Average
12	0.762	0.19	0.06	9.87	26.29	36.41	56.00	19.59	QP

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Test Date	2024/11/28	Temp./Hum.	21°C/52%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Byron Wu
Antenna	LUXSHARE-ICT		



Site No.	: No.7 Shielded Room	Data No.	: 1
Instrument 1	: Receiver ESR(114)		
Instrument 2	: ESH2-Z5 (366)(A) CE-07 ESH3-Z2 (495)		
Limit	: CLASS-B (QP)	Phase	: Line
Environment	: 21°C/52%	Test Rating	: 120ac/60Hz
EUT Model	: 17290TL	Engineer	: Byron Wu
Test Mode	: OPERATION		
	INPAQ		

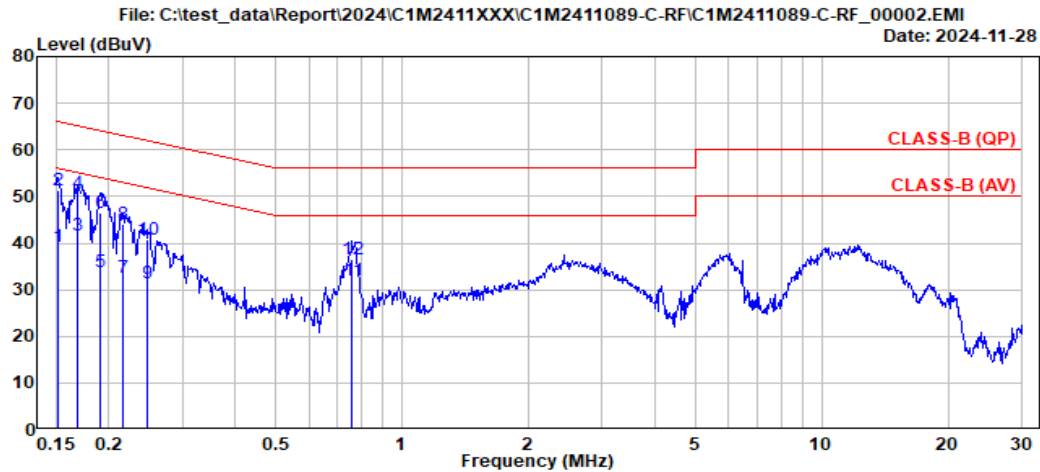
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.150	0.14	0.05	9.86	30.65	40.70	56.00	15.30	Average
2	0.150	0.14	0.05	9.86	43.80	53.85	66.00	12.15	QP
3	0.159	0.14	0.05	9.86	23.12	33.17	55.50	22.33	Average
4	0.159	0.14	0.05	9.86	35.90	45.95	65.50	19.55	QP
5	0.167	0.14	0.05	9.86	30.62	40.67	55.09	14.42	Average
6	0.167	0.14	0.05	9.86	41.54	51.59	65.09	13.50	QP
7	0.193	0.14	0.05	9.87	27.97	38.03	53.89	15.86	Average
8	0.193	0.14	0.05	9.87	38.34	48.40	63.89	15.49	QP
9	0.215	0.14	0.05	9.87	24.63	34.69	53.02	18.33	Average
10	0.215	0.14	0.05	9.87	34.28	44.34	63.02	18.68	QP
11	0.769	0.18	0.06	9.87	23.96	34.07	46.00	11.93	Average
12	0.769	0.18	0.06	9.87	27.67	37.78	56.00	18.22	QP

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

Tel: +886 2 26099301
Fax: +886 2 26099303

Test Date	2024/11/28	Temp./Hum.	21°C/52%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Byron Wu
Antenna	LUXSHARE-ICT		



Site No.	: No.7 Shielded Room	Data No.	: 2
Instrument 1	: Receiver ESR(114)		
Instrument 2	: ESH2-Z5 (366)(A) CE-07 ESH3-Z2 (495)		
Limit	: CLASS-B (QP)	Phase	: Neutral
Environment	: 21°C/52%	Test Rating	: 120ac/60Hz
EUT Model	: 17290TL	Engineer	: Byron Wu
Test Mode	: OPERATION		
	INPAQ		

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	0.17	0.05	9.86	29.07	39.15	55.92	16.77	Average
2	0.152	0.17	0.05	9.86	41.24	51.32	65.92	14.60	QP
3	0.168	0.17	0.05	9.86	31.46	41.54	55.05	13.51	Average
4	0.168	0.17	0.05	9.86	40.69	50.77	65.05	14.28	QP
5	0.191	0.17	0.05	9.87	23.66	33.75	54.01	20.26	Average
6	0.191	0.17	0.05	9.87	36.46	46.55	64.01	17.46	QP
7	0.216	0.17	0.05	9.87	22.38	32.47	52.98	20.51	Average
8	0.216	0.17	0.05	9.87	34.00	44.09	62.98	18.89	QP
9	0.247	0.17	0.05	9.86	21.34	31.42	51.86	20.44	Average
10	0.247	0.17	0.05	9.86	30.61	40.69	61.86	21.17	QP
11	0.762	0.19	0.06	9.87	21.85	31.97	46.00	14.03	Average
12	0.762	0.19	0.06	9.87	26.29	36.41	56.00	19.59	QP

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

A.2 RADIATED EMISSION

Test Date	2024/12/02 ~ 16	Temp./Hum.	20 ~ 23°C/48 ~ 61%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Kuper Hsu

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

Antenna: INPAQ

Mode	802.11n-HT20	U-NII Band	U-NII Band 4
		Frequency	TX 5865MHz

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	22.30	1.30	26.51	36.50	33.59	40.00	6.41	Peak
157.000	16.49	2.95	25.98	34.31	27.76	43.50	15.74	Peak
378.000	21.16	5.28	26.34	31.38	31.48	46.00	14.52	Peak
705.000	24.76	7.33	27.39	27.36	32.06	46.00	13.94	Peak
824.000	25.47	8.14	27.22	27.13	33.52	46.00	12.48	Peak
977.500	26.88	9.15	26.82	26.91	36.12	54.00	17.88	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
35.000	22.30	1.30	26.51	36.05	33.14	40.00	6.86	Peak
154.500	16.64	2.92	26.00	34.50	28.07	43.50	15.43	Peak
378.000	21.16	5.28	26.34	31.24	31.34	46.00	14.66	Peak
665.500	24.62	7.12	27.40	28.36	32.70	46.00	13.30	Peak
863.000	25.76	8.45	27.13	26.97	34.05	46.00	11.95	Peak
979.500	26.89	9.16	26.82	26.80	36.03	54.00	17.97	Peak

Audix Technology Corp.

No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City 244, Taiwan

Tel: +886 2 26099301**Fax: +886 2 26099303**

Antenna: LUXSHARE-ICT

Mode	802.11n-HT20	U-NII Band	U-NII Band 4
		Frequency	TX 5865MHz

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
35.500	21.55	1.45	26.50	38.71	35.21	40.00	4.79	Peak
124.000	17.73	2.79	26.17	32.89	27.24	43.50	16.26	Peak
159.000	15.64	3.15	25.99	37.40	30.19	43.50	13.31	Peak
211.000	15.61	3.66	25.81	33.78	27.25	43.50	16.25	Peak
378.000	20.60	5.54	26.36	31.74	31.52	46.00	14.48	Peak
486.000	22.61	6.53	27.13	28.32	30.32	46.00	15.68	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
35.000	21.86	1.44	26.50	38.16	34.96	40.00	5.04	Peak
123.500	17.76	2.79	26.17	33.20	27.58	43.50	15.92	Peak
160.500	15.57	3.17	25.99	36.32	29.07	43.50	14.43	Peak
378.000	20.60	5.54	26.36	32.37	32.15	46.00	13.85	Peak
486.000	22.61	6.53	27.13	27.70	29.71	46.00	16.29	Peak
595.000	24.01	6.80	27.47	28.60	31.95	46.00	14.05	Peak

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

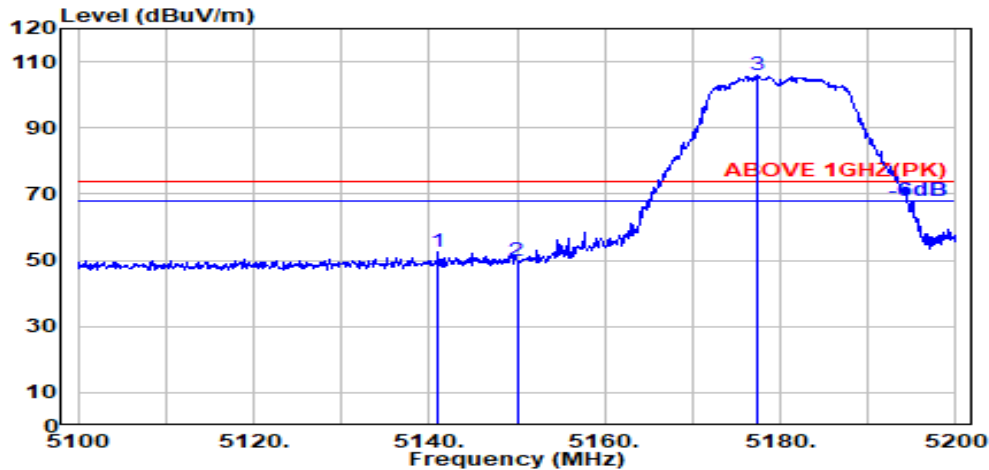
Tel: +886 2 26099301
Fax: +886 2 26099303

A.2.1.3 Frequency Above 1 GHz to 10th harmonics

Band Edge:

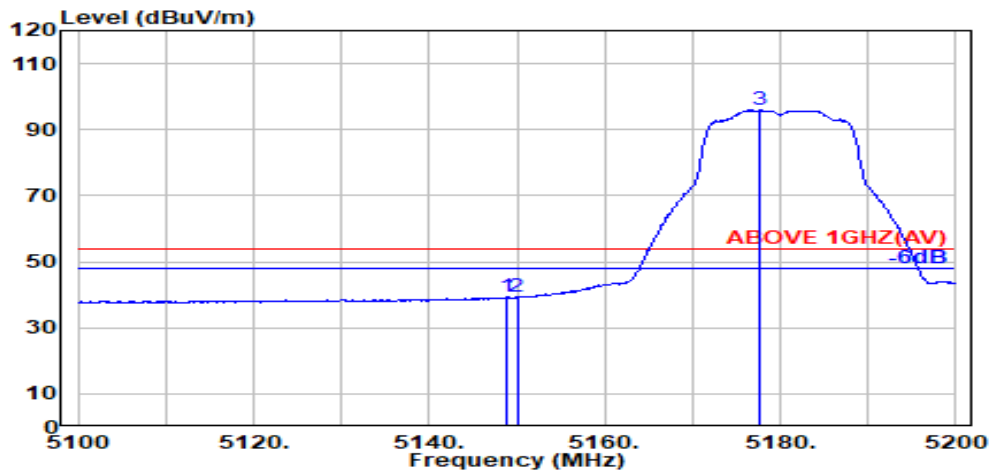
Antenna: INPAQ

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
5141.000	33.48	8.36	39.19	49.97	52.62	74.00	21.38	Peak
5150.000	33.50	8.37	39.19	47.19	49.87	74.00	24.13	Peak
@ 5177.400	33.66	8.40	39.19	102.88	105.76	---	---	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
5148.900	33.50	8.37	39.19	36.56	39.24	54.00	14.76	Average
5150.000	33.50	8.37	39.19	36.60	39.28	54.00	14.72	Average
@ 5177.600	33.67	8.40	39.19	92.99	95.87	---	---	Average

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

File Number: C1M2411089

Report Number: EM-F240623

This test report may be reproduced in full only. The document may only be updated by Audix Technology Corp. personnel. Any changes will be noted in the Document History section of the report.

Audix Technology Corp.

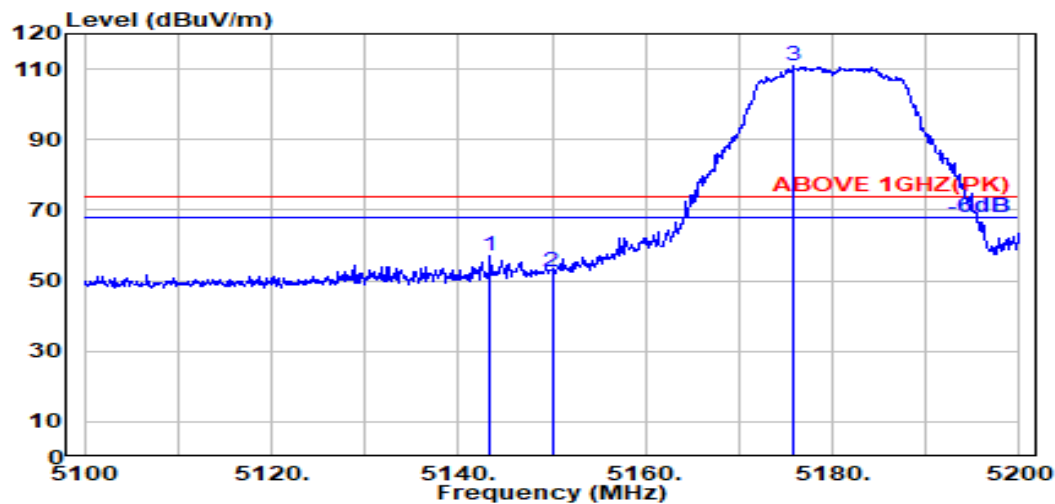
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

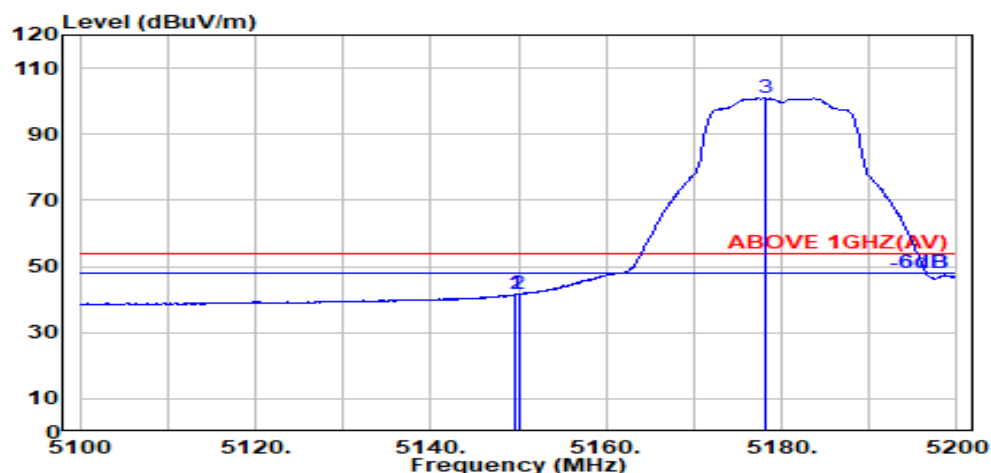
Fax: +886 2 26099303

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
5143.400	33.49	8.37	39.19	54.55	57.21	74.00	16.79	Peak
5150.000	33.50	8.37	39.19	49.95	52.64	74.00	21.36	Peak
@ 5175.900	33.66	8.40	39.19	107.91	110.78	---	---	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
5149.600	33.50	8.37	39.19	38.97	41.66	54.00	12.34	Average
5150.000	33.50	8.37	39.19	38.83	41.51	54.00	12.49	Average
@ 5178.100	33.67	8.40	39.19	98.11	100.99	---	---	Average

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

Audix Technology Corp.

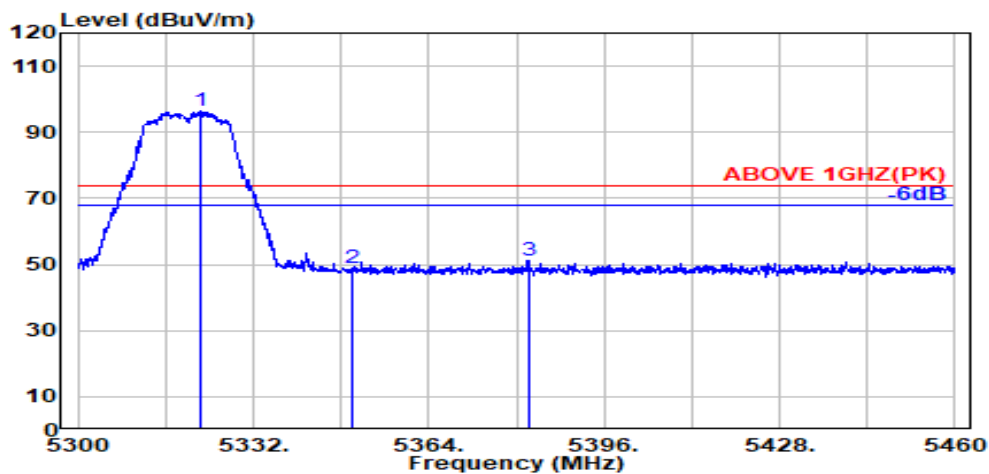
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

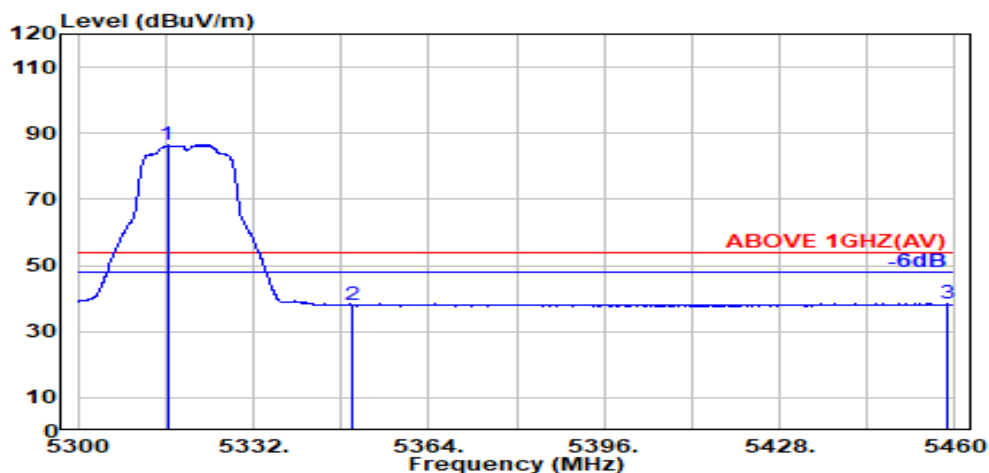
Fax: +886 2 26099303

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
@ 5322.400	33.76	8.55	39.17	93.28	96.41	---	---	Peak
5350.000	33.70	8.57	39.17	45.80	48.91	74.00	25.09	Peak
5382.300	33.83	8.60	39.16	47.72	50.99	74.00	23.01	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
@ 5316.300	33.77	8.54	39.17	83.28	86.42	---	---	Average
5350.000	33.70	8.57	39.17	34.85	37.95	54.00	16.05	Average
5458.500	34.02	8.68	39.15	34.98	38.52	54.00	15.48	Average

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

Audix Technology Corp.

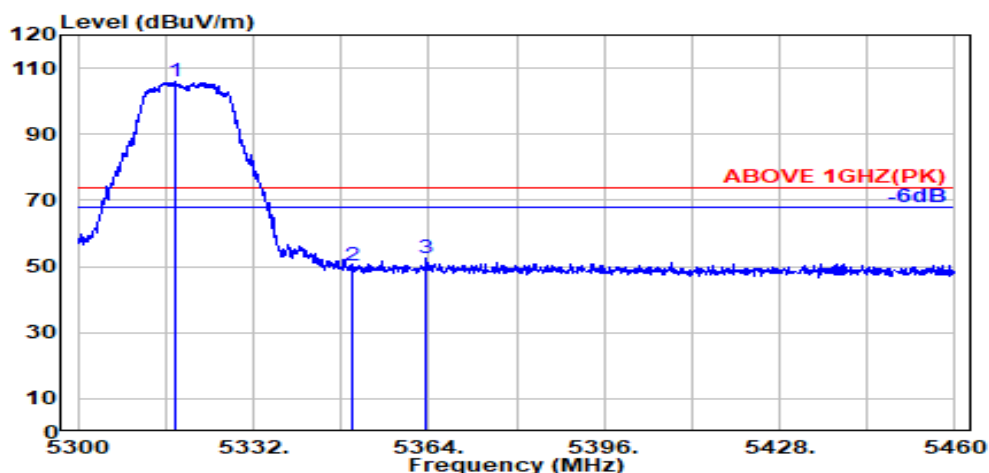
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

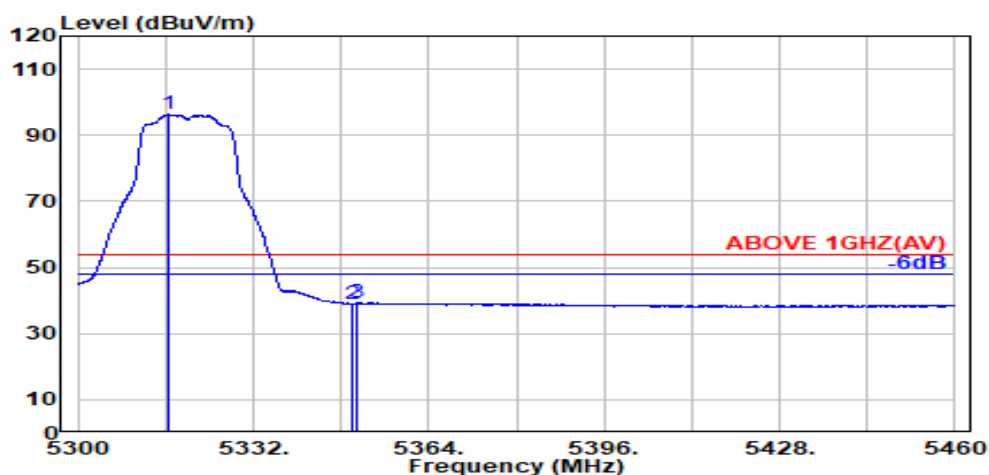
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5317.700	33.76	8.54	39.17	102.80	105.94	---	---	Peak
5350.000	33.70	8.57	39.17	47.34	50.45	74.00	23.55	Peak
5363.500	33.75	8.59	39.17	49.43	52.61	74.00	21.39	Peak



Antenna at Vertical Polarization

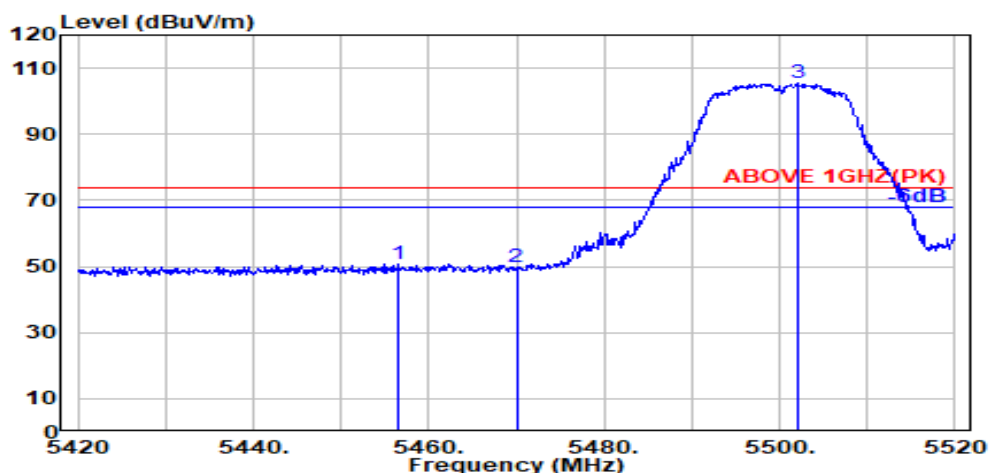
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.400	33.77	8.54	39.17	93.16	96.29	---	---	Average
5350.000	33.70	8.57	39.17	35.97	39.08	54.00	14.92	Average
5351.000	33.70	8.57	39.17	36.25	39.36	54.00	14.64	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

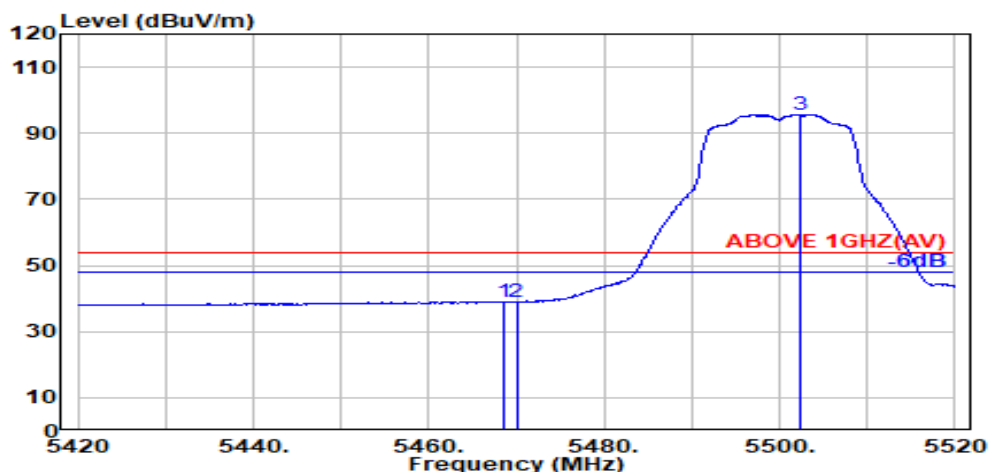
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5456.500	34.01	8.68	39.16	47.36	50.89	74.00	23.11	Peak
5470.000	34.04	8.69	39.15	46.11	49.69	74.00	24.31	Peak
@ 5502.100	34.10	8.72	39.15	101.87	105.54	---	---	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
5468.500	34.04	8.69	39.15	35.53	39.10	54.00	14.90	Average
5470.000	34.04	8.69	39.15	35.39	38.97	54.00	15.03	Average
@ 5502.300	34.10	8.72	39.15	91.97	95.64	---	---	Average

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

Audix Technology Corp.

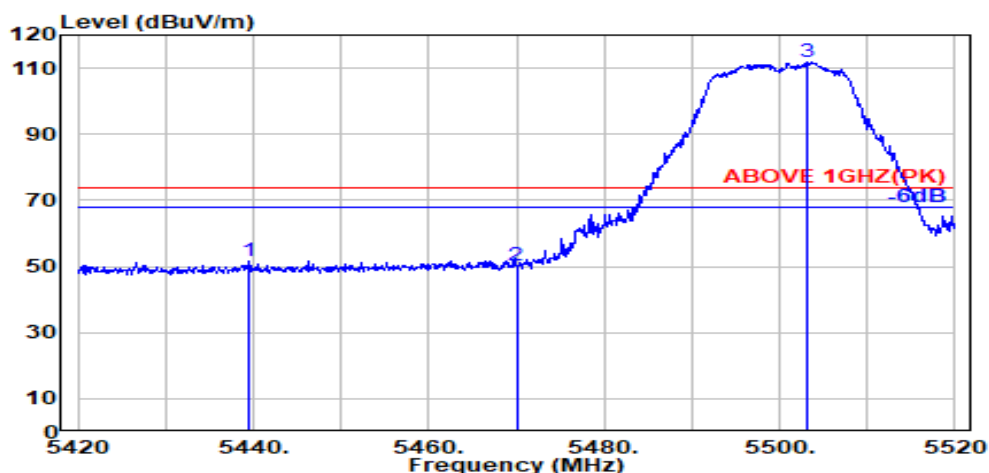
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

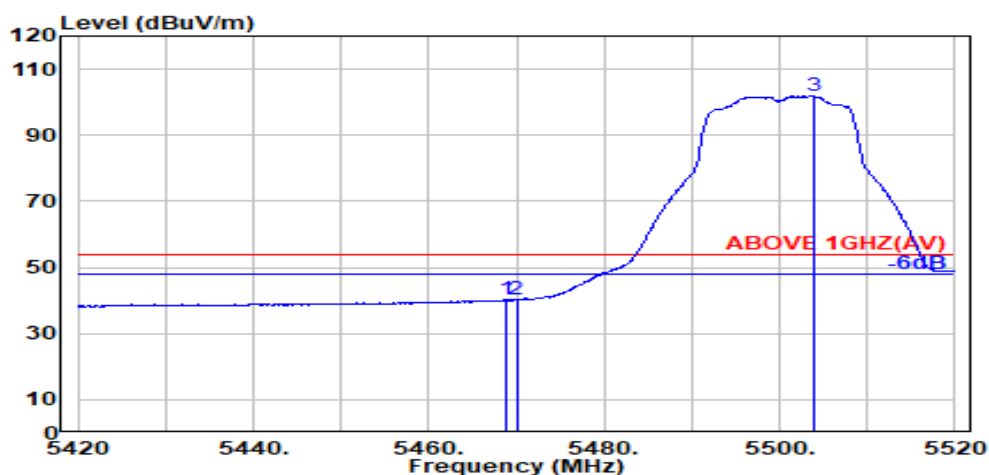
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5439.600	33.98	8.66	39.16	48.19	51.67	74.00	22.33	Peak
5470.000	34.04	8.69	39.15	46.91	50.48	74.00	23.52	Peak
@ 5503.200	34.09	8.72	39.15	108.29	111.95	---	---	Peak

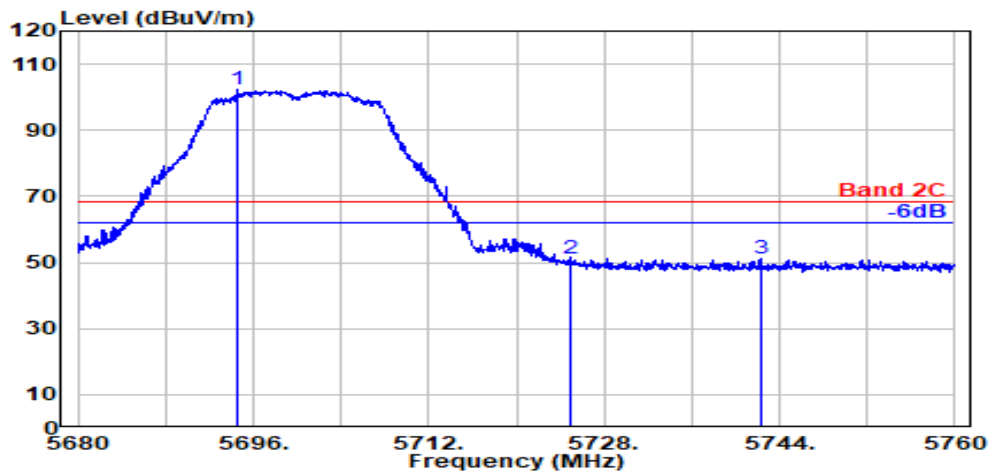


Antenna at Vertical Polarization

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
5468.900	34.04	8.69	39.15	36.61	40.19	54.00	13.81	Average
5470.000	34.04	8.69	39.15	36.54	40.12	54.00	13.88	Average
@ 5503.900	34.09	8.72	39.15	98.25	101.91	---	---	Average

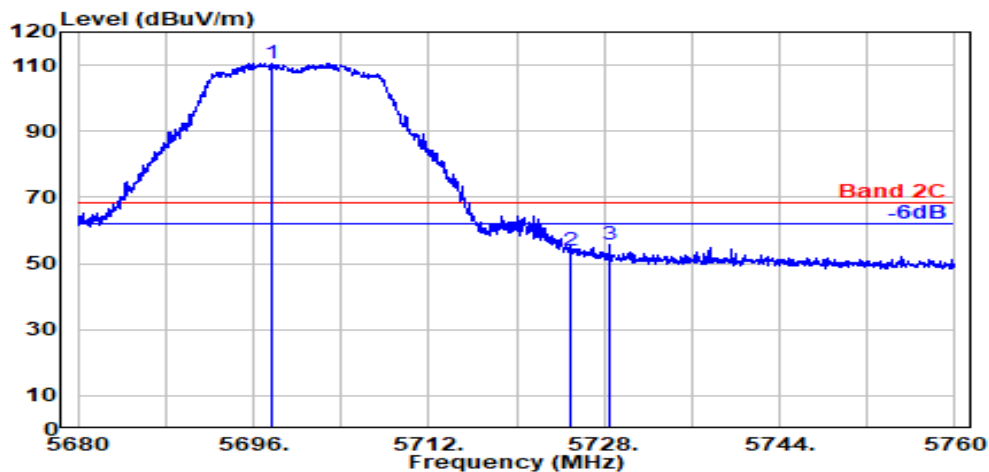
Remark: The “@” means fundamental frequency, it is ignored in this section.

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5694.450	33.62	8.90	39.19	98.90	102.23	---	---	Peak
5725.000	33.60	8.93	39.20	47.68	51.01	68.20	17.19	Peak
5742.250	33.60	8.94	39.20	47.70	51.04	68.20	17.16	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
@ 5697.650	33.61	8.90	39.19	107.15	110.47	---	---	Peak
5725.000	33.60	8.93	39.20	50.63	53.96	68.20	14.24	Peak
5728.500	33.60	8.93	39.20	52.20	55.53	68.20	12.67	Peak

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

Audix Technology Corp.

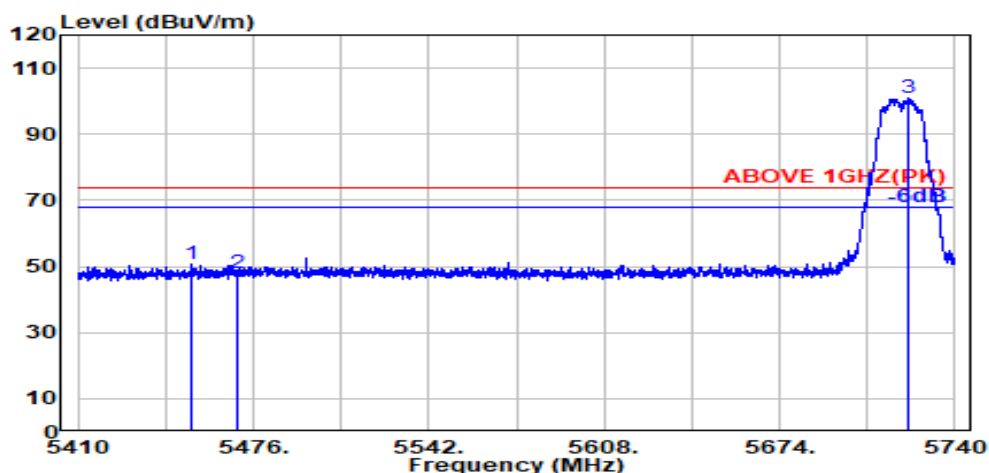
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

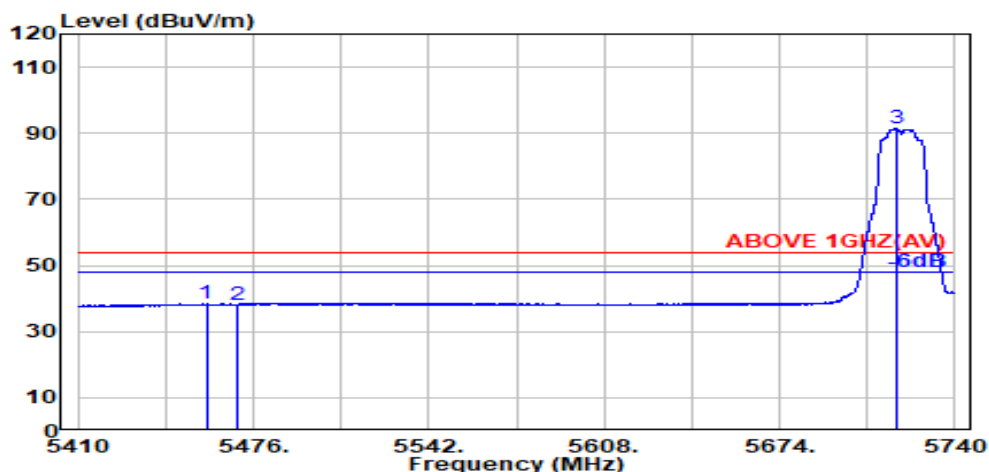
Fax: +886 2 26099303

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
5452.900	34.01	8.67	39.16	47.23	50.76	74.00	23.24	Peak
5470.000	34.04	8.69	39.15	44.23	47.81	74.00	26.19	Peak
@ 5722.400	33.60	8.92	39.20	97.63	100.95	---	---	Peak

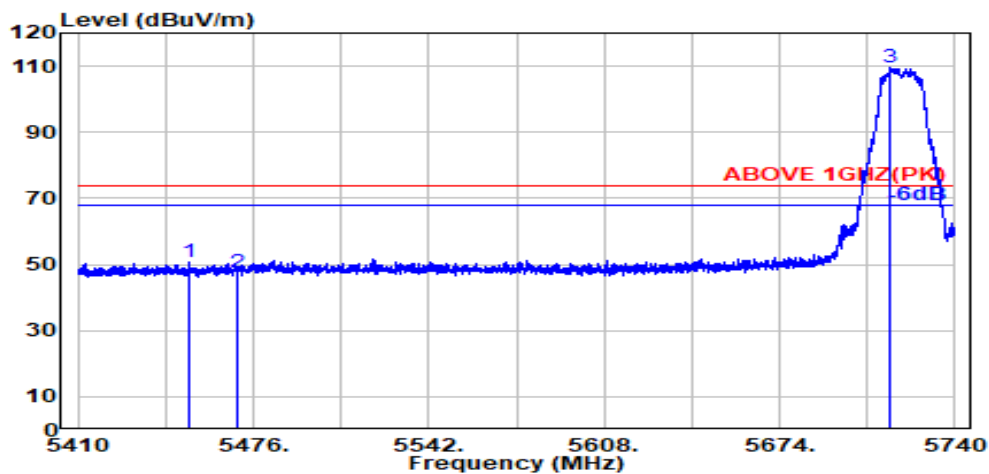


Antenna at Horizontal Polarization

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
5458.300	34.02	8.68	39.15	34.81	38.35	54.00	15.65	Average
5470.000	34.04	8.69	39.15	34.43	38.01	54.00	15.99	Average
@ 5718.000	33.60	8.92	39.19	87.96	91.29	---	---	Average

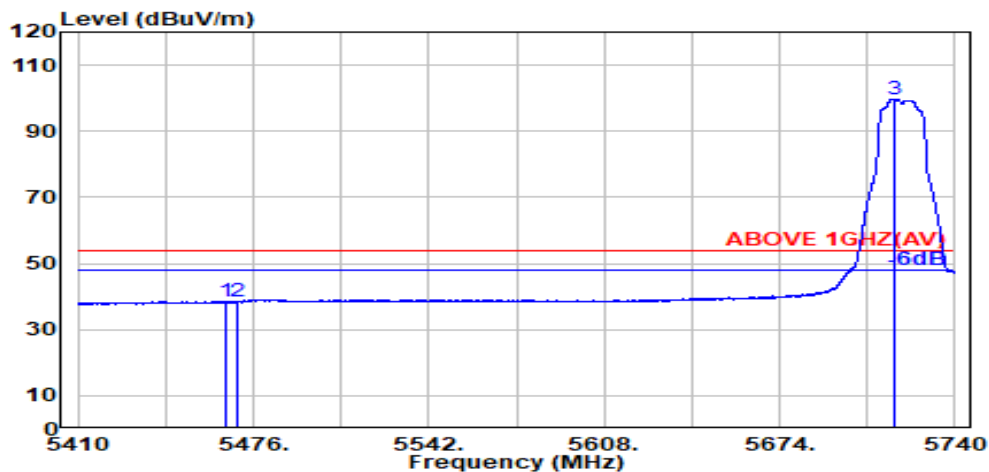
Remark: The “@” means fundamental frequency, it is ignored in this section.

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.700	34.00	8.67	39.16	47.01	50.52	74.00	23.48	Peak
5470.000	34.04	8.69	39.15	44.08	47.66	74.00	26.34	Peak
@ 5715.900	33.60	8.92	39.19	106.32	109.65	---	---	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
5466.000	34.03	8.68	39.15	35.09	38.65	54.00	15.35	Average
5470.000	34.04	8.69	39.15	34.84	38.42	54.00	15.58	Average
@ 5717.300	33.60	8.92	39.19	96.41	99.73	---	---	Average

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

Audix Technology Corp.

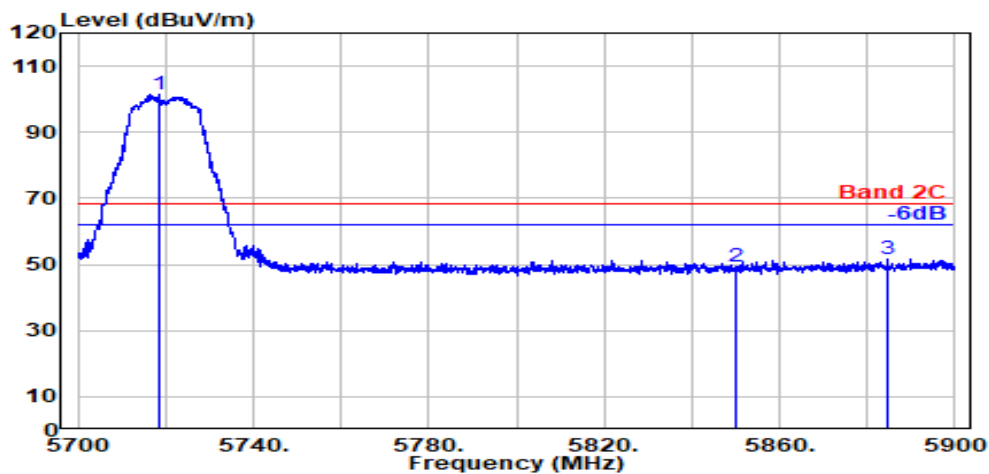
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

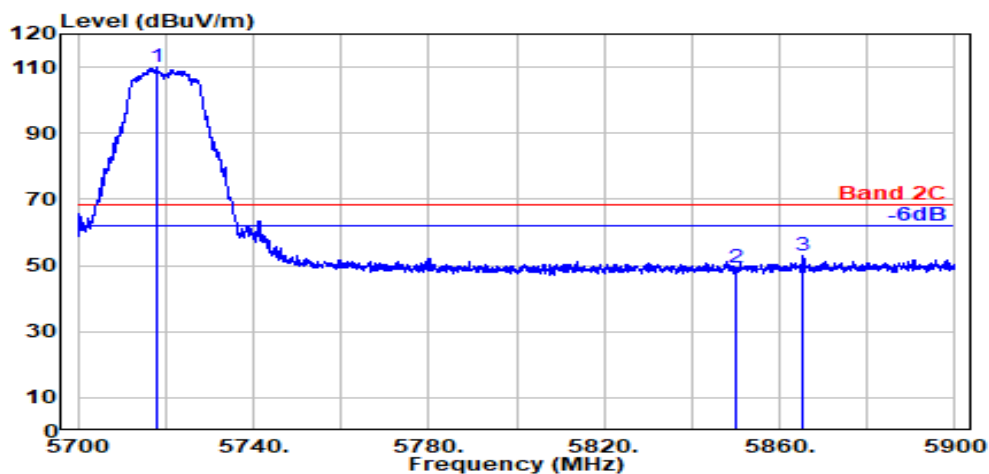
Fax: +886 2 26099303

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
@ 5718.600	33.60	8.92	39.19	98.03	101.35	---	---	Peak
5850.000	33.90	9.04	39.22	45.85	49.57	68.20	18.63	Peak
5884.500	34.04	9.07	39.23	47.81	51.69	68.20	16.51	Peak



Antenna at Vertical Polarization

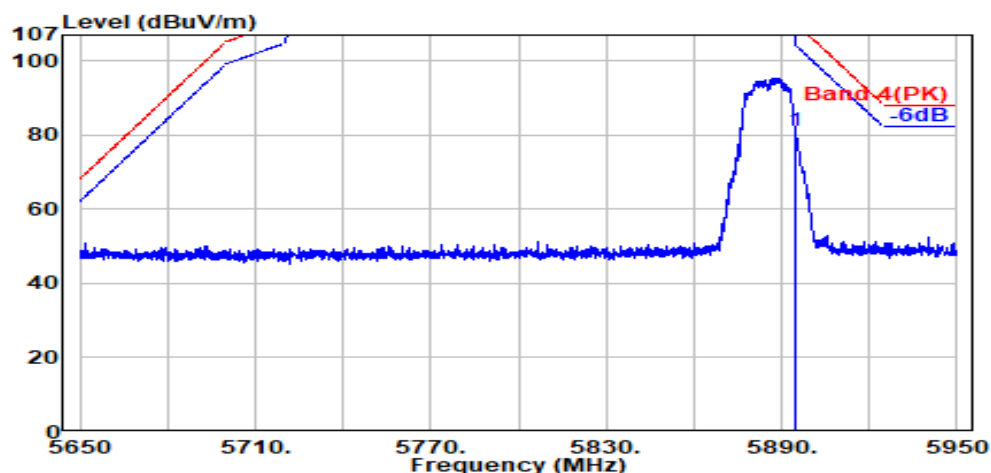
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5717.900	33.60	8.92	39.19	106.71	110.03	---	---	Peak
5850.000	33.90	9.04	39.22	45.52	49.23	68.20	18.97	Peak
5865.400	33.96	9.05	39.22	49.03	52.82	68.20	15.38	Peak

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

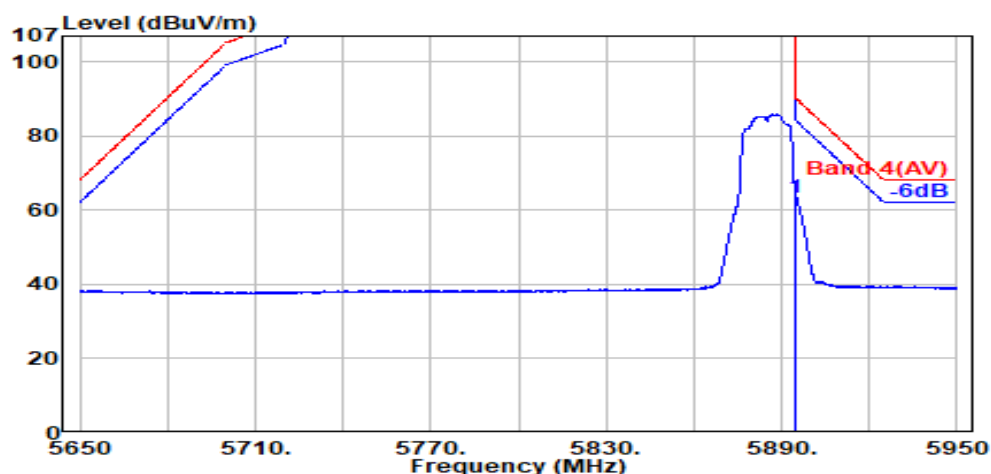
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.000	34.10	8.97	34.35	72.54	81.26	110.20	28.94	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	34.10	8.97	34.35	54.86	63.58	90.20	26.62	Average

Audix Technology Corp.

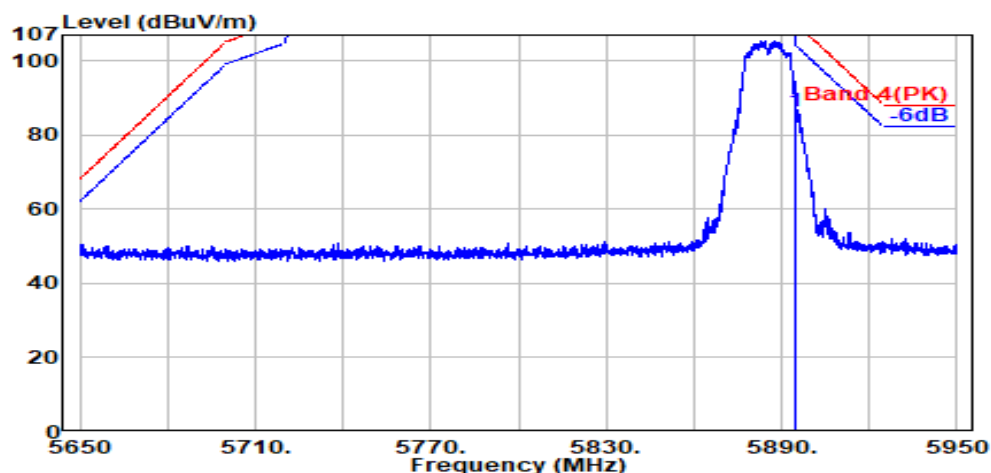
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

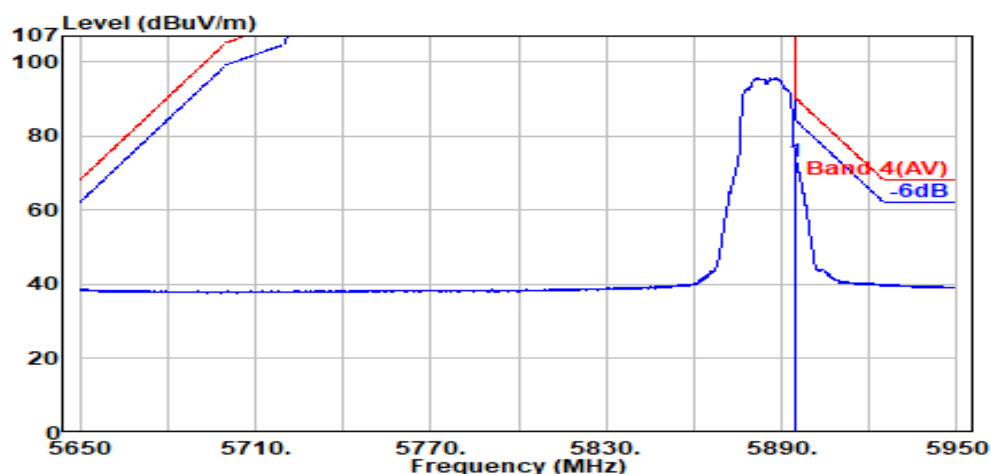
Fax: +886 2 26099303

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	34.10	8.97	34.35	77.65	86.37	110.20	23.83	Peak



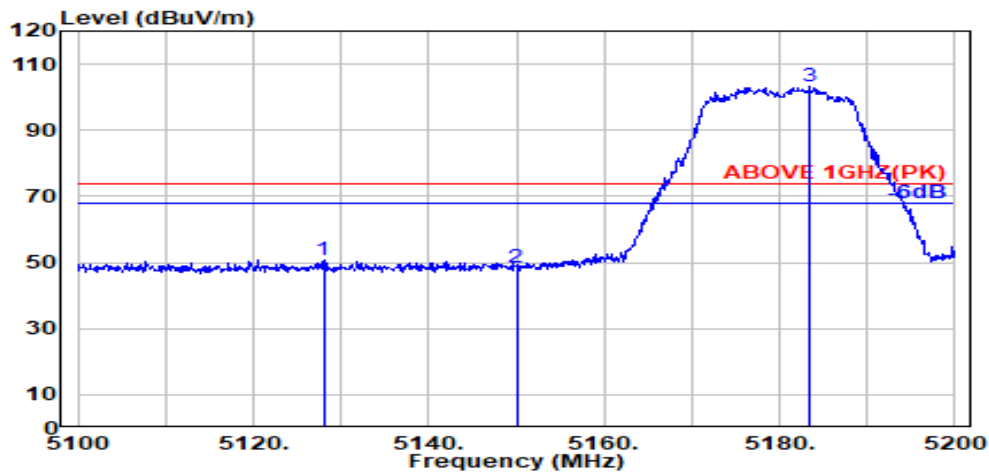
Antenna at Vertical Polarization

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	34.10	8.97	34.35	64.18	72.90	90.20	17.30	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

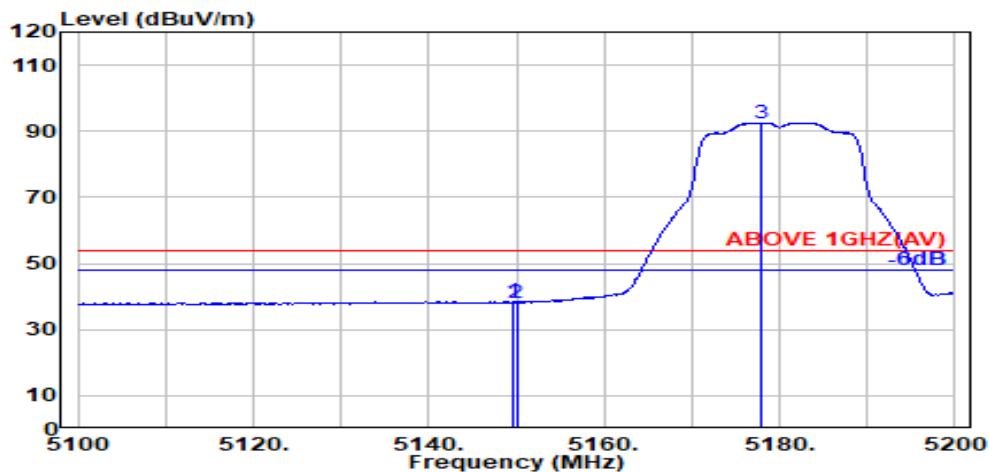
Tel: +886 2 26099301
Fax: +886 2 26099303

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5128.000	33.46	8.35	39.19	48.17	50.78	74.00	23.22	Peak
5150.000	33.50	8.37	39.19	45.84	48.53	74.00	25.47	Peak
@ 5183.400	33.70	8.41	39.19	100.20	103.12	---	---	Peak



Antenna at Horizontal Polarization

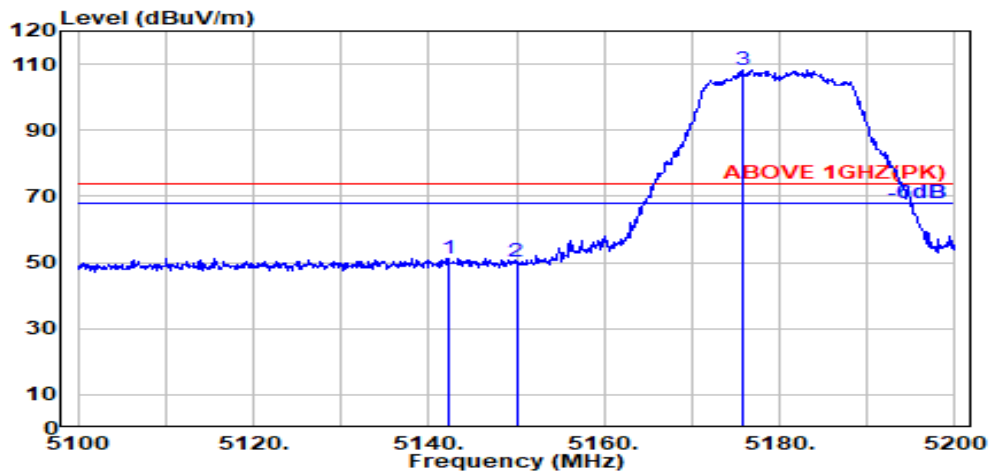
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5149.600	33.50	8.37	39.19	35.72	38.40	54.00	15.60	Average
5150.000	33.50	8.37	39.19	35.56	38.24	54.00	15.76	Average
@ 5177.900	33.67	8.40	39.19	89.68	92.56	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

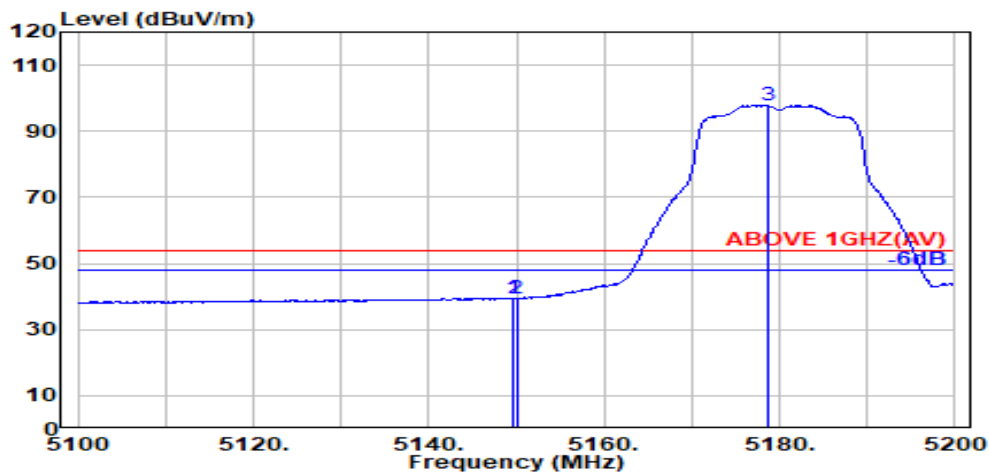
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5142.300	33.48	8.37	39.19	48.68	51.34	74.00	22.66	Peak
5150.000	33.50	8.37	39.19	47.58	50.26	74.00	23.74	Peak
@ 5175.800	33.66	8.40	39.19	105.28	108.15	---	---	Peak



Antenna at Vertical Polarization

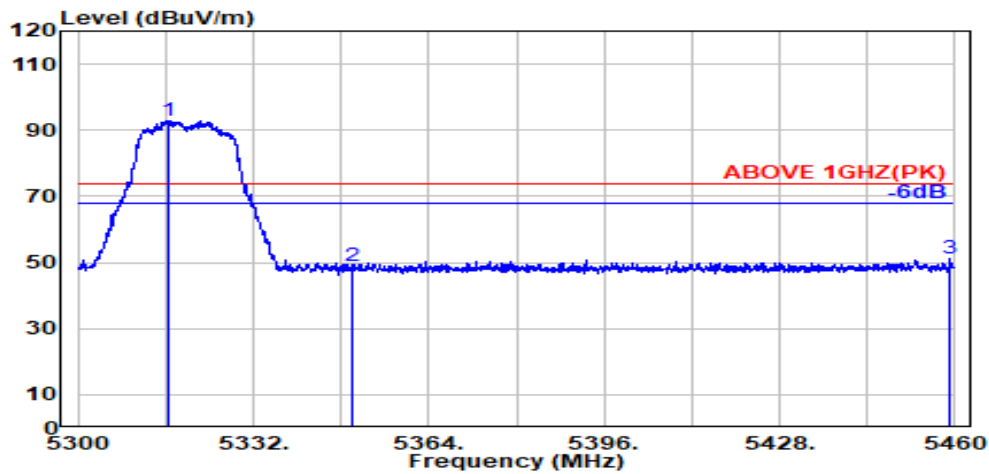
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.500	33.50	8.37	39.19	36.81	39.49	54.00	14.51	Average
5150.000	33.50	8.37	39.19	36.68	39.36	54.00	14.64	Average
@ 5178.600	33.67	8.40	39.19	94.89	97.78	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

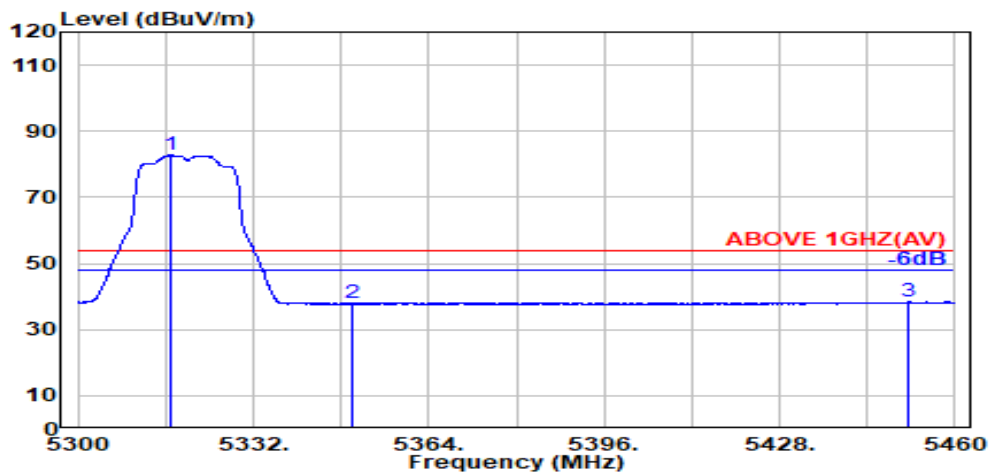
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.400	33.77	8.54	39.17	89.86	93.00	---	---	Peak
5350.000	33.70	8.57	39.17	45.62	48.73	74.00	25.27	Peak
5458.900	34.02	8.68	39.15	47.81	51.35	74.00	22.65	Peak



Antenna at Horizontal Polarization

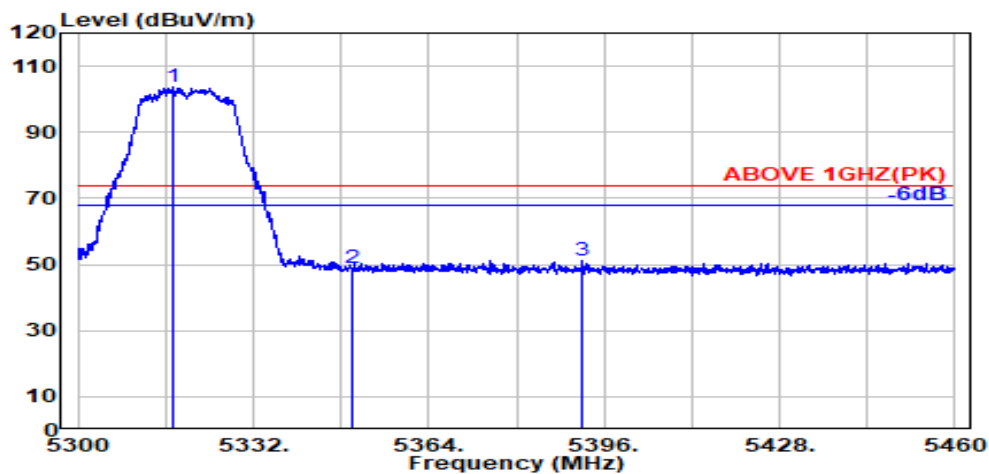
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.900	33.77	8.54	39.17	79.59	82.73	---	---	Average
5350.000	33.70	8.57	39.17	34.74	37.85	54.00	16.15	Average
5451.400	34.00	8.67	39.16	34.83	38.35	54.00	15.65	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

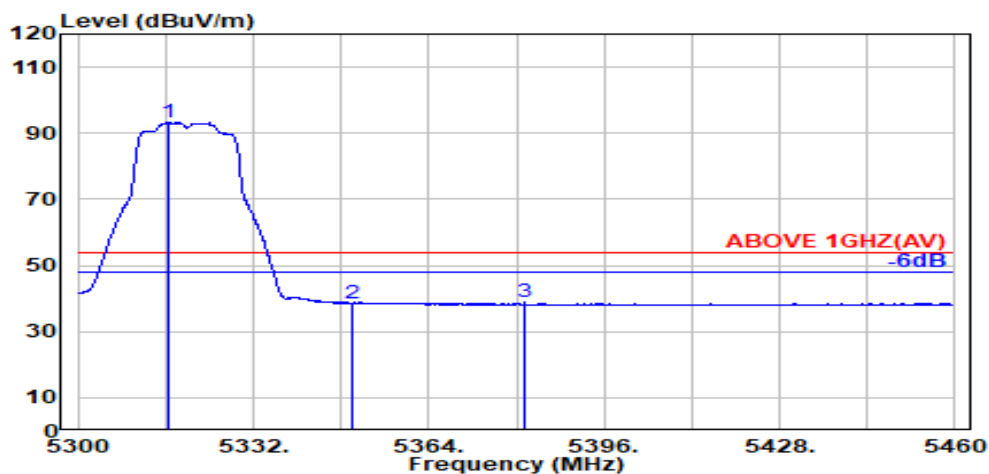
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5317.500	33.76	8.54	39.17	100.42	103.55	---	---	Peak
5350.000	33.70	8.57	39.17	45.64	48.74	74.00	25.26	Peak
5391.900	33.87	8.61	39.16	47.68	51.00	74.00	23.00	Peak



Antenna at Vertical Polarization

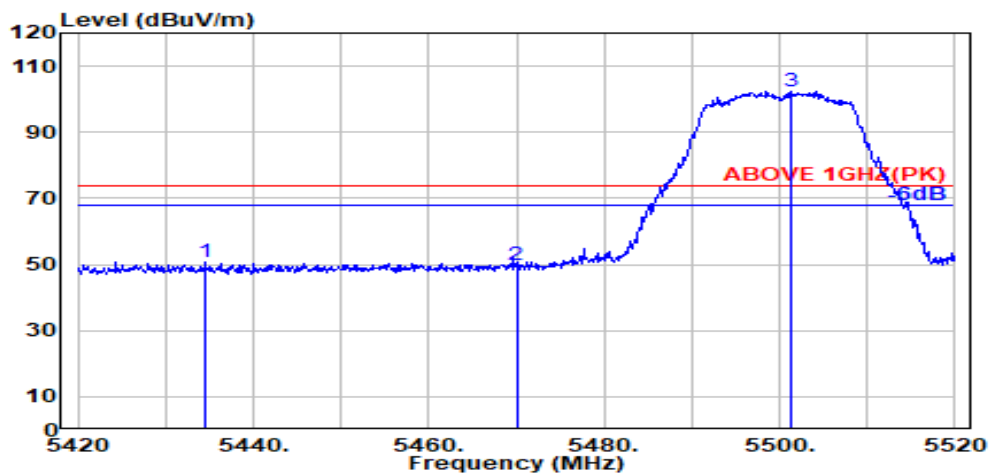
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5316.600	33.77	8.54	39.17	90.00	93.14	---	---	Average
5350.000	33.70	8.57	39.17	35.54	38.65	54.00	15.35	Average
5381.400	33.83	8.60	39.16	35.55	38.81	54.00	15.19	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

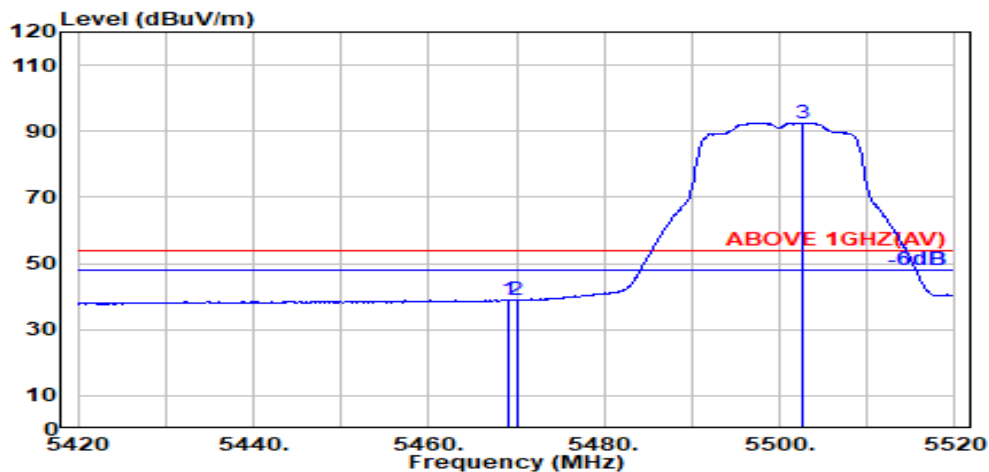
Tel: +886 2 26099301
Fax: +886 2 26099303

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
5434.500	33.97	8.65	39.16	47.26	50.73	74.00	23.27	Peak
5470.000	34.04	8.69	39.15	46.05	49.62	74.00	24.38	Peak
@ 5501.200	34.10	8.72	39.15	98.62	102.29	---	---	Peak



Antenna at Horizontal Polarization

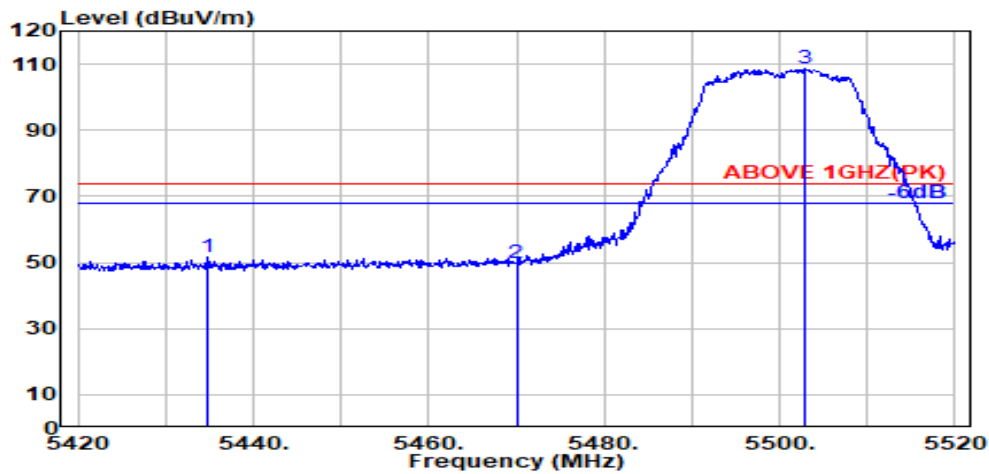
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.04	8.69	39.15	35.51	39.09	54.00	14.91	Average
5470.000	34.04	8.69	39.15	35.23	38.81	54.00	15.19	Average
@ 5502.500	34.09	8.72	39.15	88.78	92.44	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

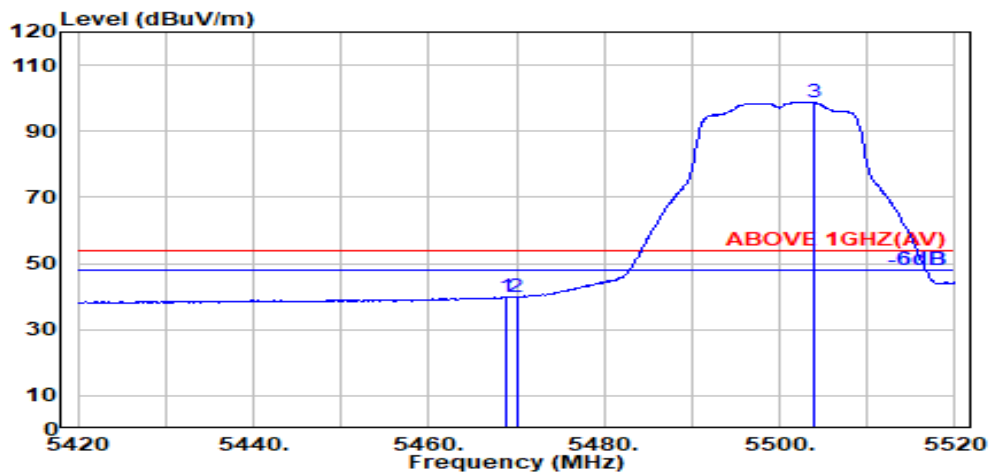
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5434.700	33.97	8.65	39.16	48.18	51.65	74.00	22.35	Peak
5470.000	34.04	8.69	39.15	46.23	49.81	74.00	24.19	Peak
@ 5502.800	34.09	8.72	39.15	104.91	108.57	---	---	Peak



Antenna at Vertical Polarization

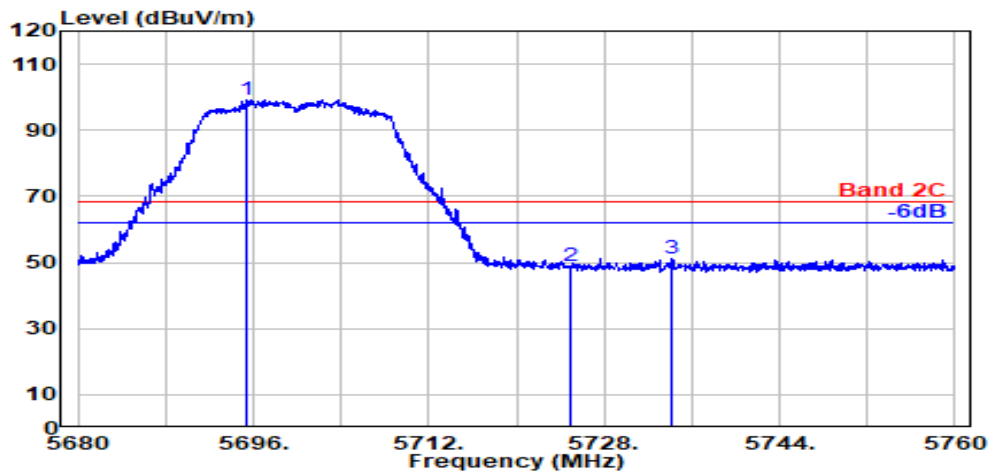
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5468.800	34.04	8.69	39.15	36.45	40.02	54.00	13.98	Average
5470.000	34.04	8.69	39.15	36.24	39.81	54.00	14.19	Average
@ 5504.000	34.09	8.72	39.15	95.21	98.87	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

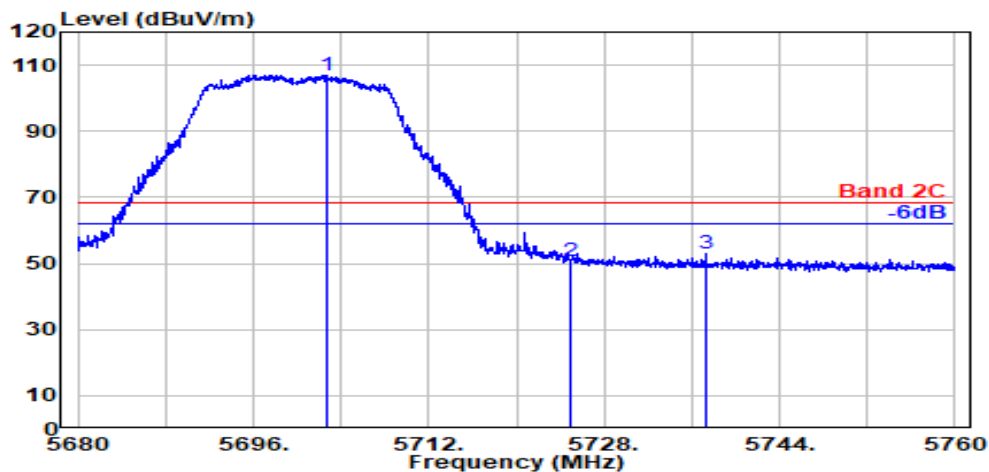
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5695.450	33.62	8.90	39.19	95.75	99.08	---	---	Peak
5725.000	33.60	8.93	39.20	45.51	48.84	68.20	19.36	Peak
5734.250	33.60	8.93	39.20	47.87	51.20	68.20	17.00	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
@ 5702.800	33.60	8.91	39.19	103.74	107.05	---	---	Peak
5725.000	33.60	8.93	39.20	47.21	50.54	68.20	17.66	Peak
5737.200	33.60	8.94	39.20	49.53	52.87	68.20	15.33	Peak

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

Audix Technology Corp.

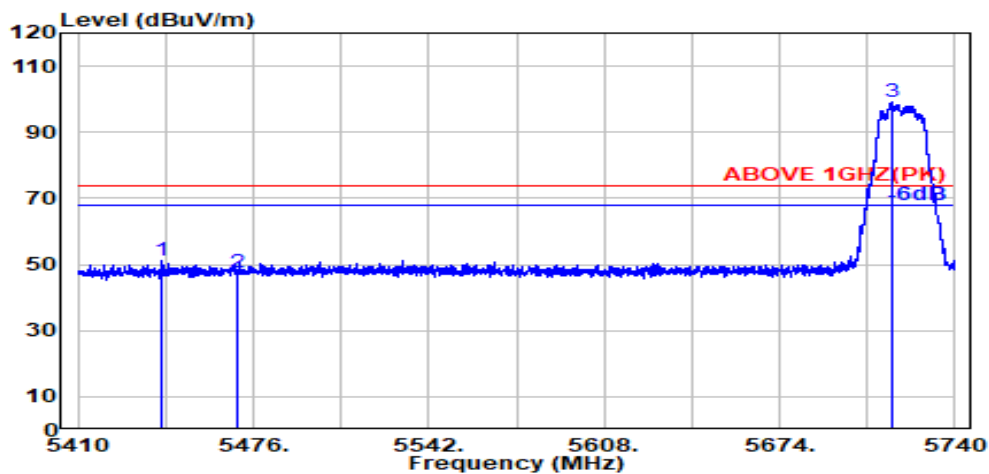
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

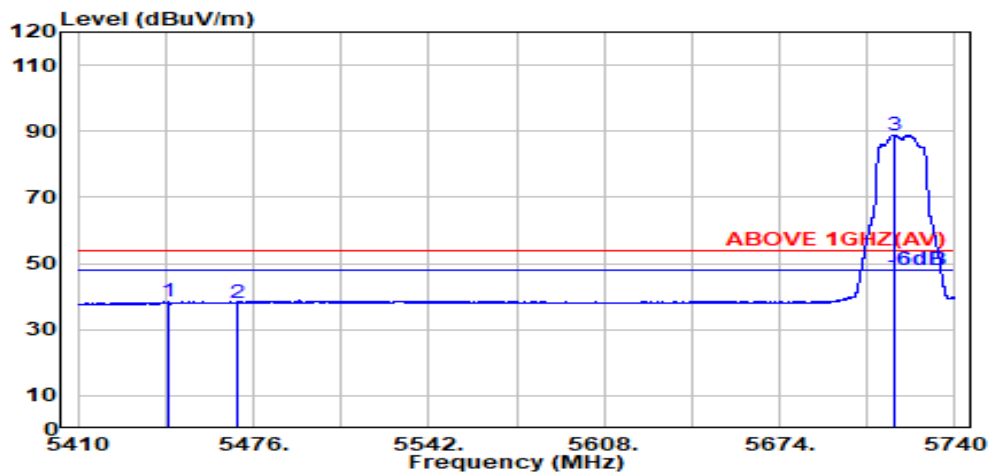
Fax: +886 2 26099303

Mode	802.11n-HT20	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
5441.300	33.98	8.66	39.16	47.59	51.07	74.00	22.93	Peak
5470.000	34.04	8.69	39.15	43.89	47.46	74.00	26.54	Peak
@ 5716.000	33.60	8.92	39.19	95.62	98.95	---	---	Peak



Antenna at Horizontal Polarization

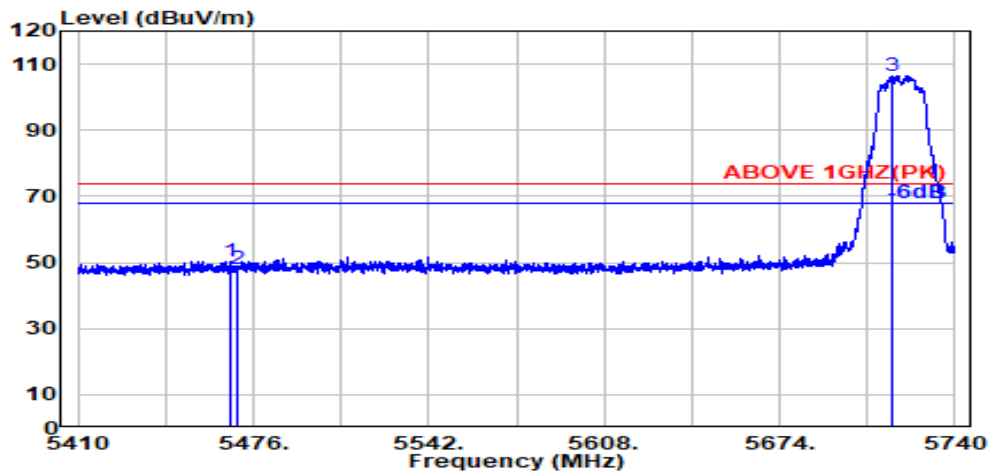
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5443.900	33.99	8.66	39.16	34.87	38.36	54.00	15.64	Average
5470.000	34.04	8.69	39.15	34.54	38.11	54.00	15.89	Average
@ 5717.400	33.60	8.92	39.19	85.52	88.85	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

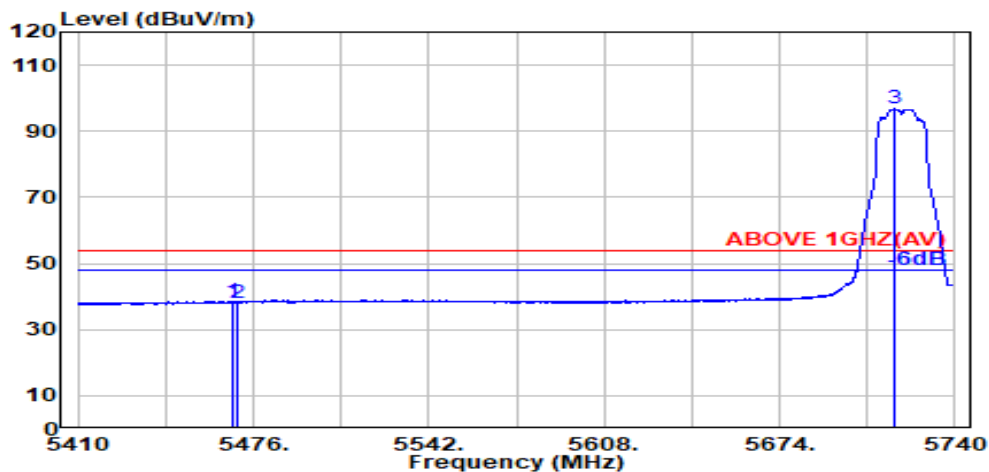
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	802.11n-HT20	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
5467.000	34.03	8.69	39.15	46.84	50.41	74.00	23.59	Peak
5470.000	34.04	8.69	39.15	44.24	47.82	74.00	26.18	Peak
@ 5716.700	33.60	8.92	39.19	103.28	106.61	---	---	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
5468.100	34.04	8.69	39.15	34.93	38.50	54.00	15.50	Average
5470.000	34.04	8.69	39.15	34.64	38.22	54.00	15.78	Average
@ 5717.500	33.60	8.92	39.19	93.61	96.94	---	---	Average

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

Audix Technology Corp.

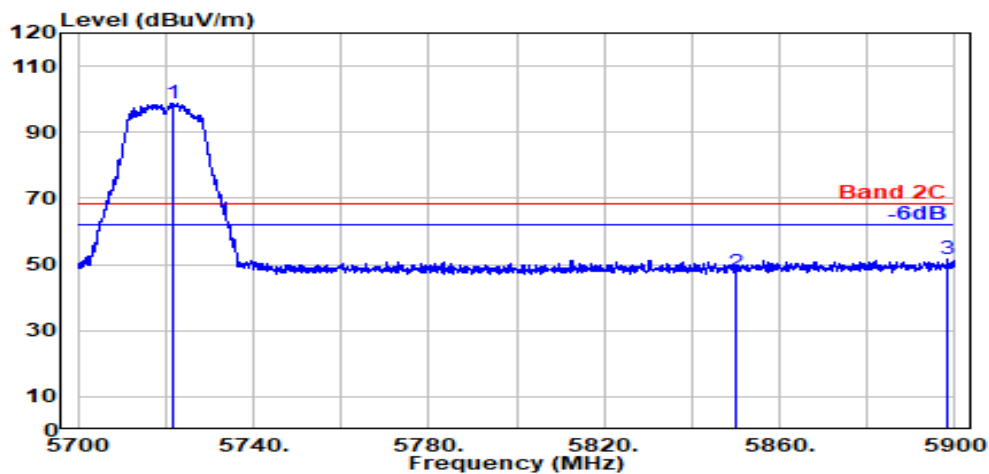
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

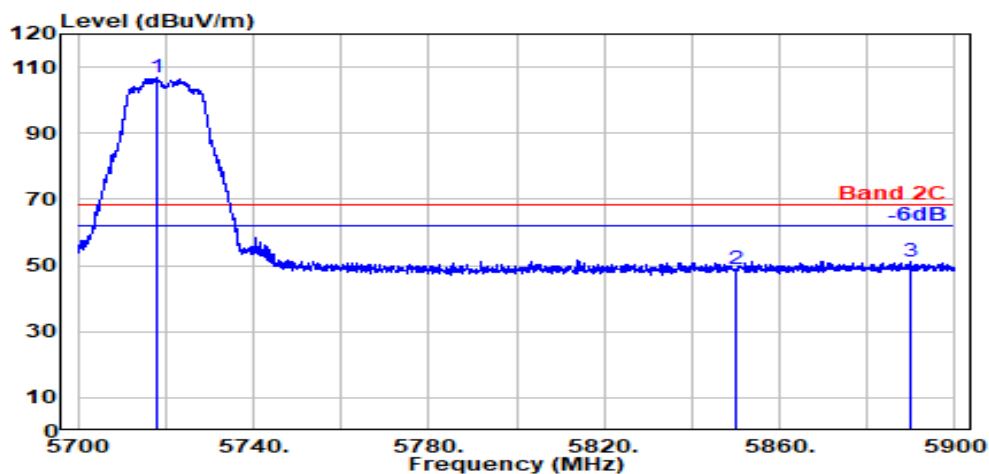
Fax: +886 2 26099303

Mode	802.11n-HT20	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
@ 5721.700	33.60	8.92	39.20	95.36	98.69	---	---	Peak
5850.000	33.90	9.04	39.22	43.95	47.67	68.20	20.53	Peak
5898.300	34.09	9.08	39.23	47.53	51.48	68.20	16.72	Peak



Antenna at Vertical Polarization

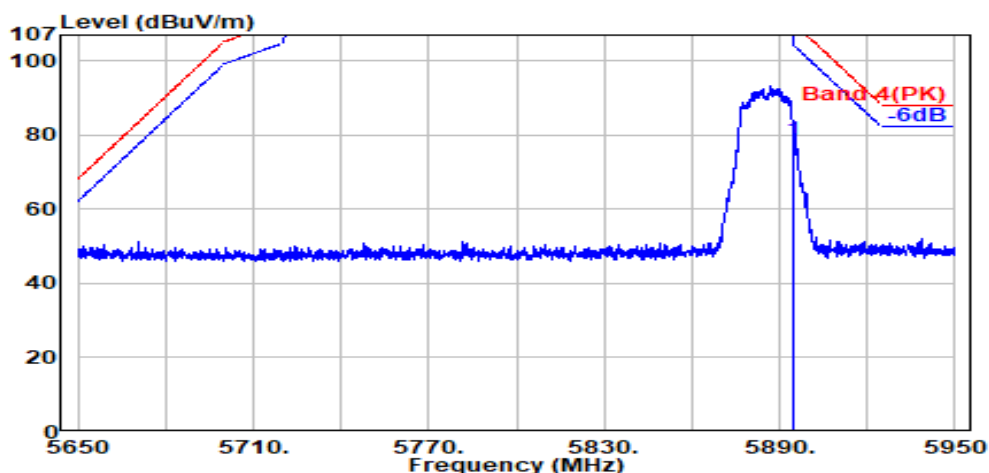
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5718.000	33.60	8.92	39.19	103.33	106.66	---	---	Peak
5850.000	33.90	9.04	39.22	45.19	48.91	68.20	19.29	Peak
5889.700	34.06	9.07	39.23	47.33	51.24	68.20	16.96	Peak

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

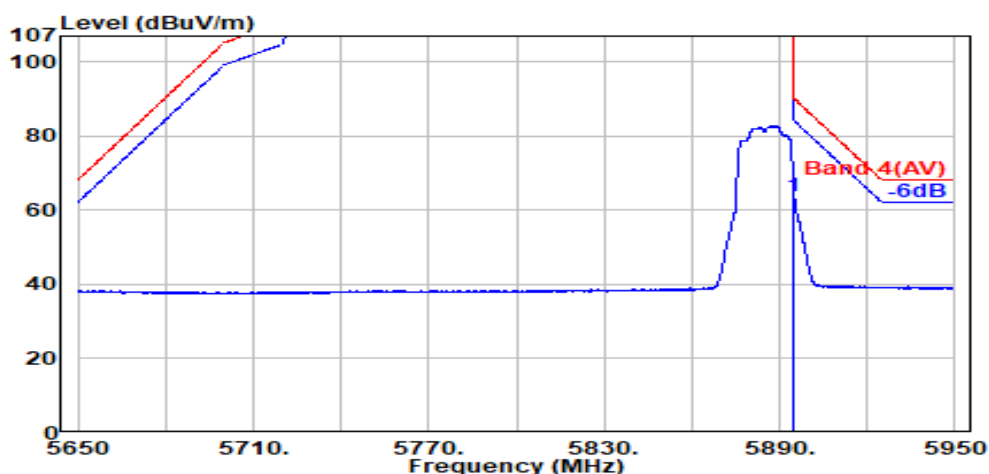
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.000	34.10	8.97	34.35	69.96	78.68	110.20	31.52	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	34.10	8.97	34.35	55.13	63.85	90.20	26.35	Average

Audix Technology Corp.

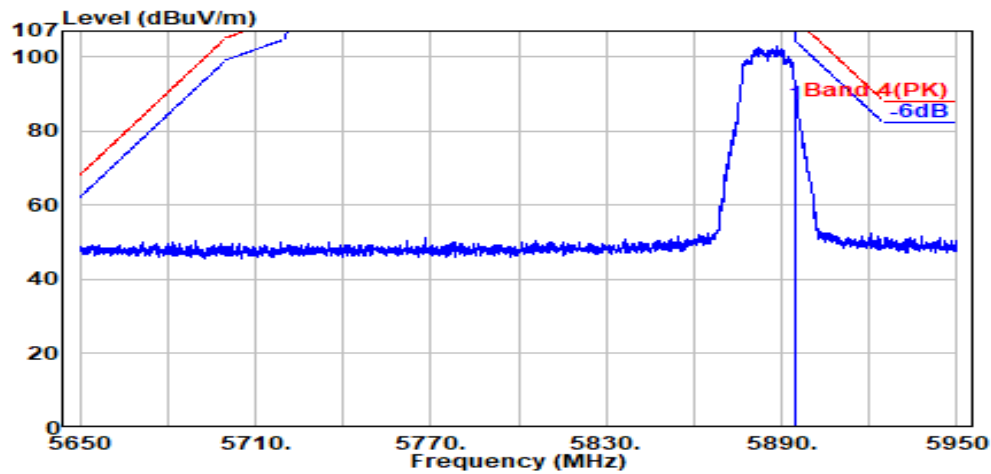
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

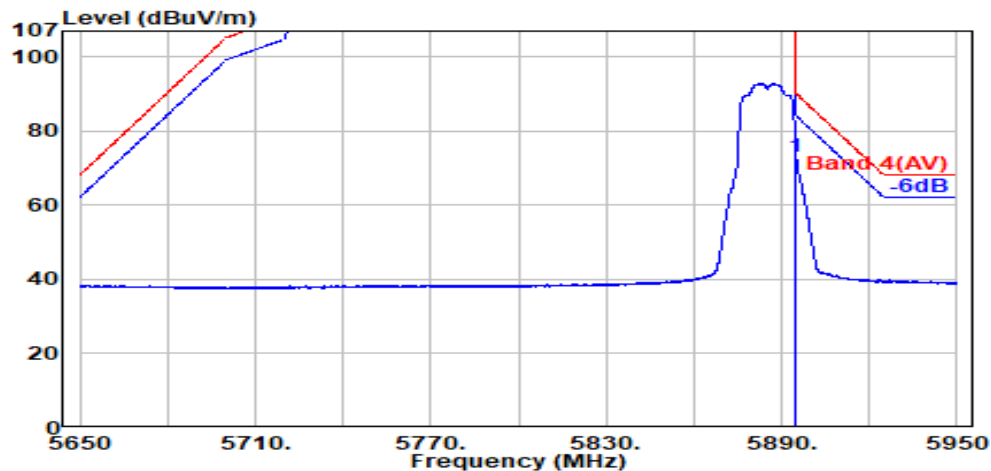
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.000	34.10	8.97	34.35	78.55	87.27	110.20	22.93	Peak



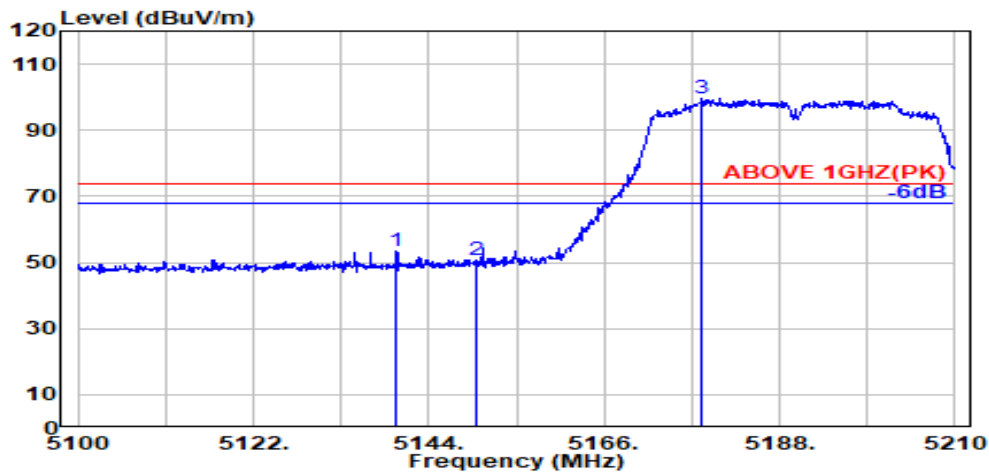
Antenna at Vertical Polarization

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	34.10	8.97	34.35	64.53	73.25	90.20	16.95	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

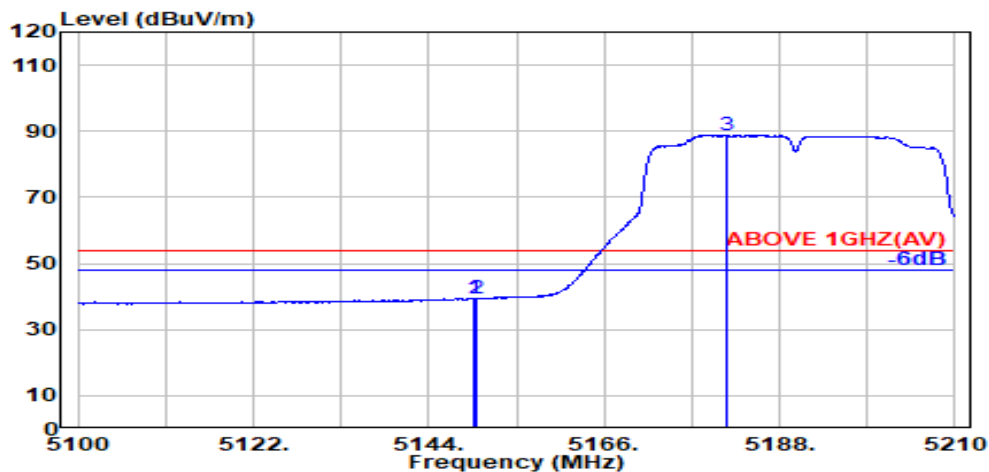
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5140.000	33.48	8.36	39.19	50.57	53.22	74.00	20.78	Peak
5150.000	33.50	8.37	39.19	48.19	50.87	74.00	23.13	Peak
@ 5178.300	33.67	8.40	39.19	96.84	99.73	---	---	Peak



Antenna at Horizontal 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
5149.600	33.50	8.37	39.19	36.86	39.54	54.00	14.46	Average
5150.000	33.50	8.37	39.19	36.72	39.40	54.00	14.60	Average
@ 5181.300	33.69	8.41	39.19	85.85	88.75	---	---	Average

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

Audix Technology Corp.

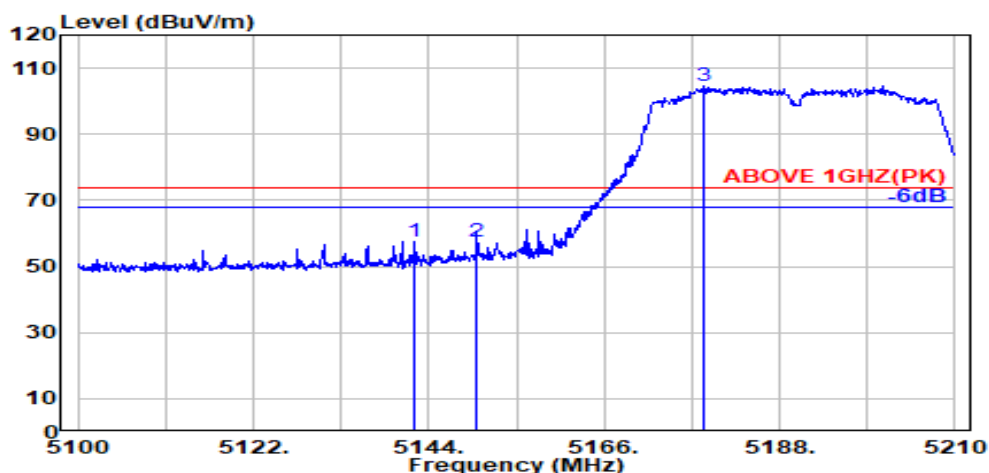
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

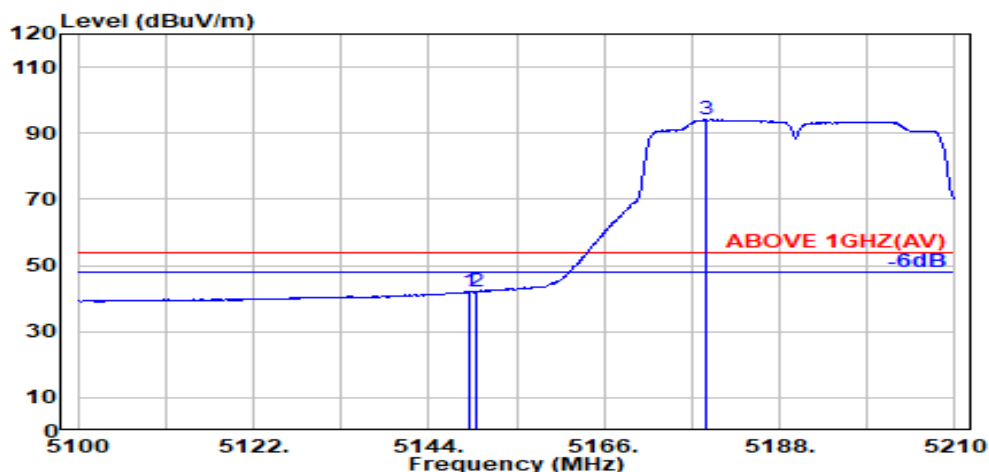
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5142.300	33.48	8.37	39.19	55.08	57.74	74.00	16.26	Peak
5150.000	33.50	8.37	39.19	55.04	57.73	74.00	16.27	Peak
@ 5178.600	33.67	8.40	39.19	101.84	104.72	---	---	Peak



Antenna at Vertical Polarization

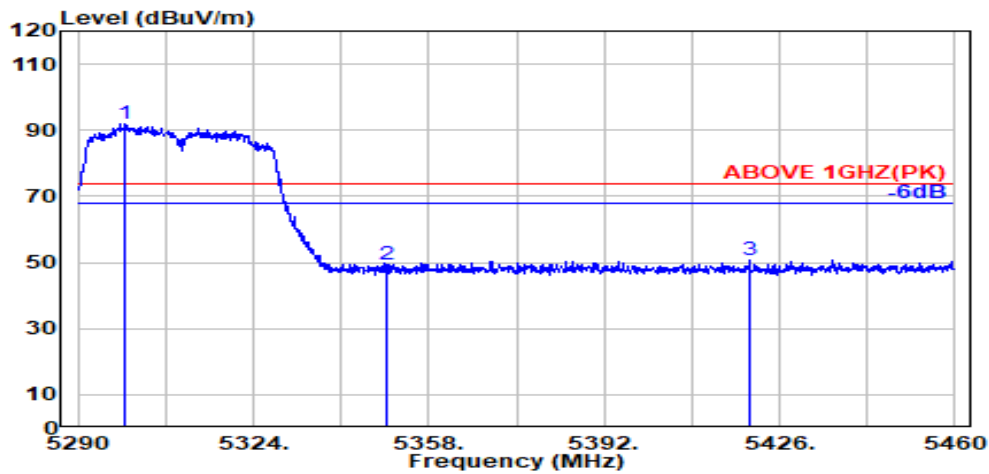
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5149.000	33.50	8.37	39.19	39.47	42.15	54.00	11.85	Average
5150.000	33.50	8.37	39.19	39.36	42.04	54.00	11.96	Average
@ 5178.900	33.67	8.40	39.19	91.21	94.09	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

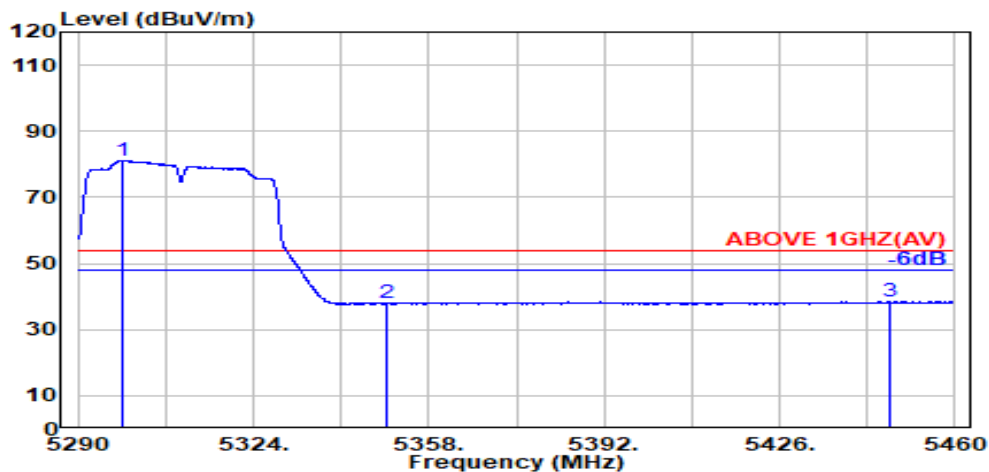
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5299.100	33.80	8.52	39.17	88.73	91.88	---	---	Peak
5350.000	33.70	8.57	39.17	46.24	49.34	74.00	24.66	Peak
5420.200	33.94	8.64	39.16	47.44	50.87	74.00	23.13	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
@ 5298.600	33.80	8.52	39.17	78.03	81.18	---	---	Average
5350.000	33.70	8.57	39.17	34.87	37.97	54.00	16.03	Average
5447.300	33.99	8.67	39.16	34.90	38.41	54.00	15.59	Average

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

Audix Technology Corp.

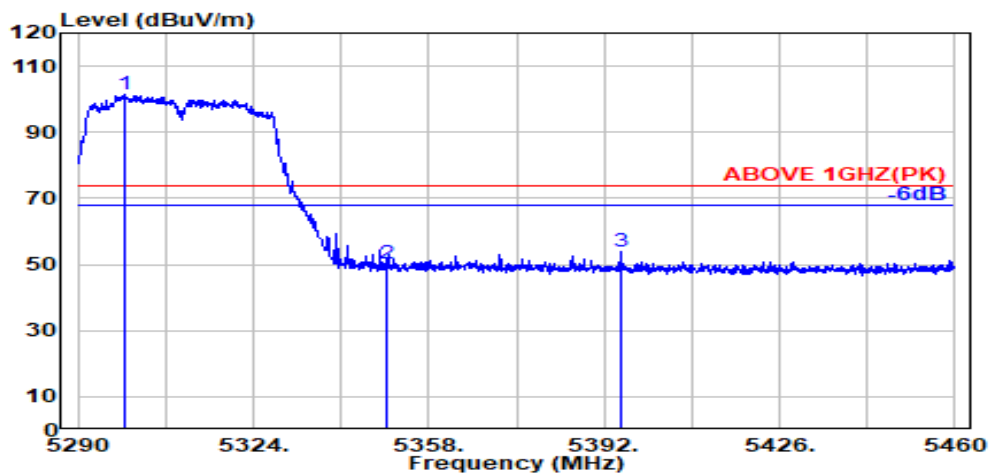
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

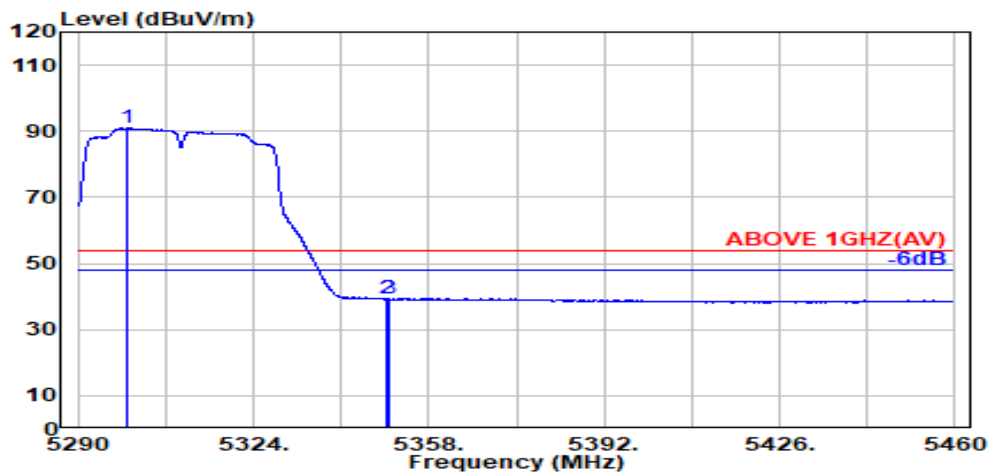
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5299.000	33.80	8.52	39.17	98.06	101.21	---	---	Peak
5350.000	33.70	8.57	39.17	47.14	50.24	74.00	23.76	Peak
5395.200	33.88	8.62	39.16	50.70	54.03	74.00	19.97	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
@ 5299.400	33.80	8.52	39.17	87.88	91.03	---	---	Average
5350.000	33.70	8.57	39.17	36.31	39.41	54.00	14.59	Average
5350.400	33.70	8.57	39.17	36.29	39.40	54.00	14.60	Average

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

Audix Technology Corp.

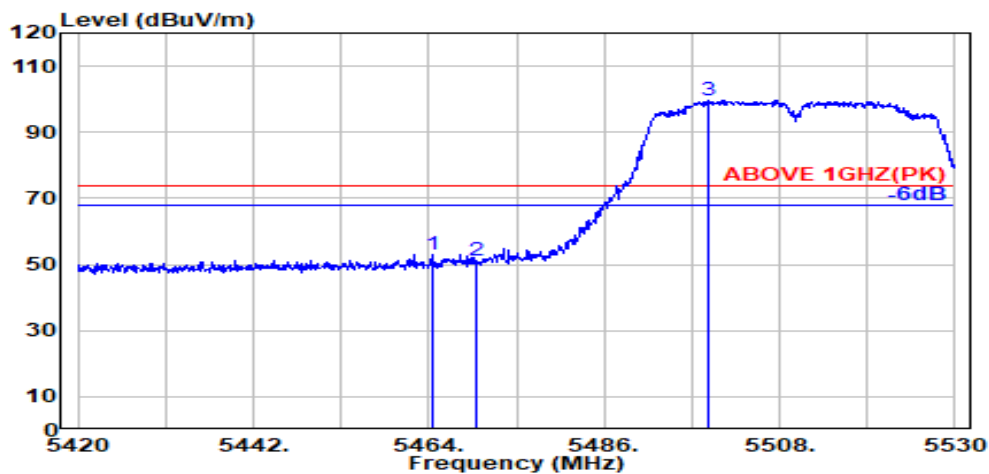
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

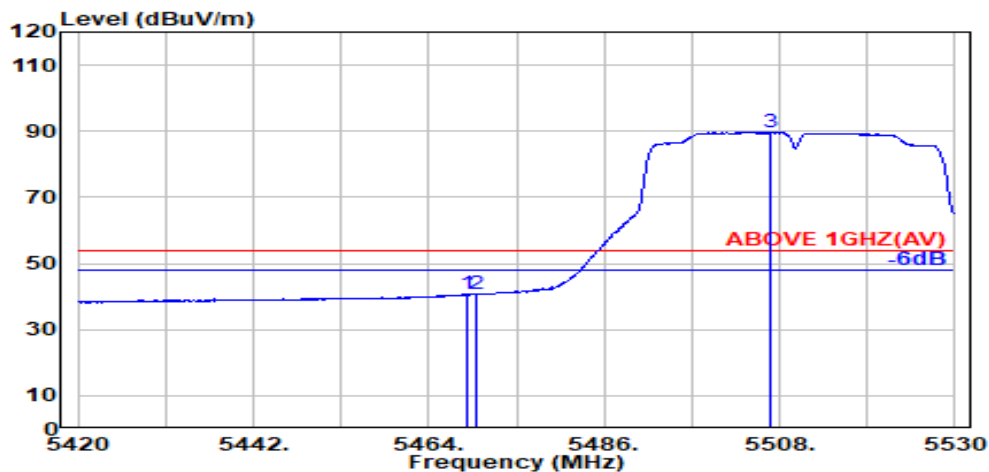
Fax: +886 2 26099303

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5464.400	34.03	8.68	39.15	49.57	53.13	74.00	20.87	Peak
5470.000	34.04	8.69	39.15	47.69	51.27	74.00	22.73	Peak
@ 5499.100	34.10	8.72	39.15	96.17	99.83	---	---	Peak



Antenna at Horizontal 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
5468.800	34.04	8.69	39.15	37.14	40.71	54.00	13.29	Average
5470.000	34.04	8.69	39.15	37.00	40.58	54.00	13.42	Average
@ 5506.800	34.09	8.72	39.15	85.97	89.63	---	---	Average

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

Audix Technology Corp.

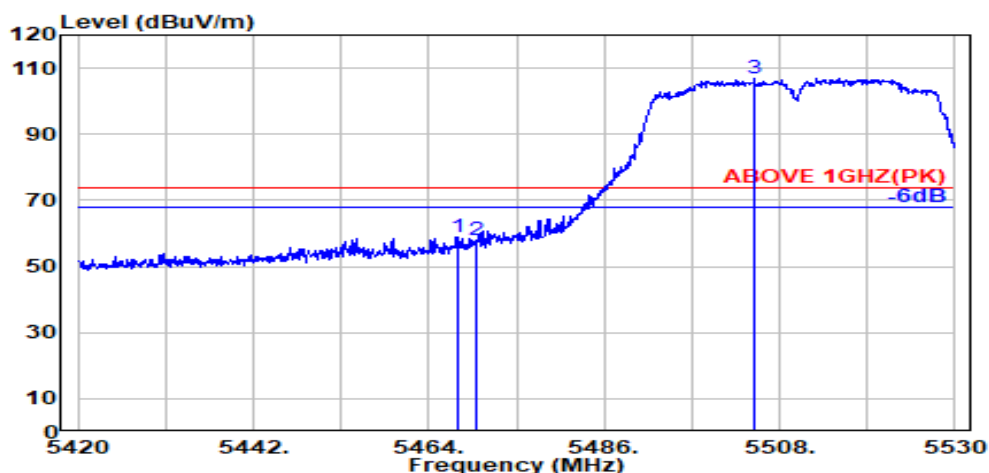
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

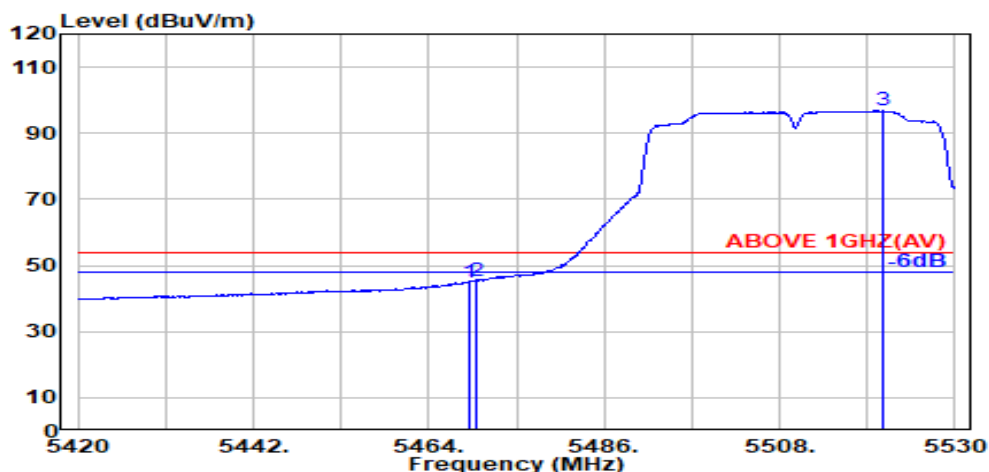
Fax: +886 2 26099303

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 (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.600	34.04	8.69	39.15	55.42	58.98	74.00	15.02	Peak
5470.000	34.04	8.69	39.15	54.40	57.98	74.00	16.02	Peak
@ 5504.800	34.09	8.72	39.15	103.24	106.90	---	---	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	34.04	8.69	39.15	41.46	45.04	54.00	8.96	Average
5470.000	34.04	8.69	39.15	41.75	45.33	54.00	8.67	Average
@ 5521.100	34.06	8.74	39.15	93.12	96.76	---	---	Average

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

Audix Technology Corp.

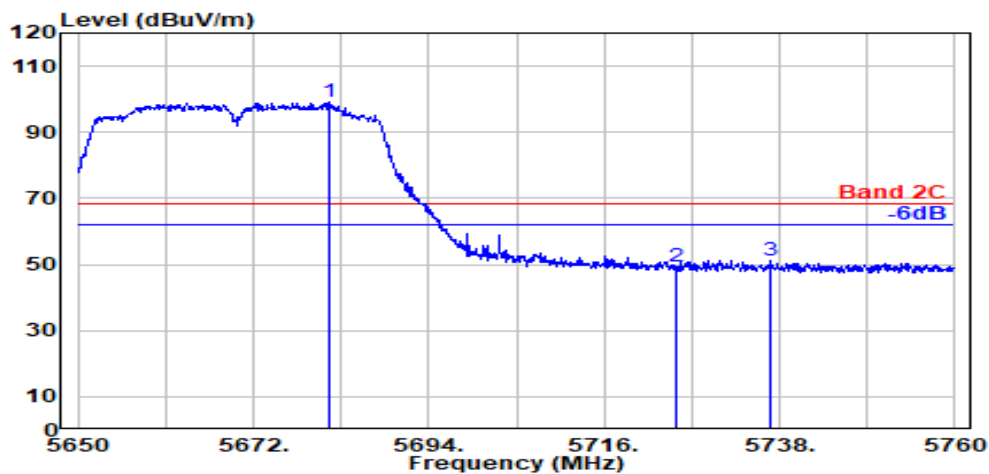
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

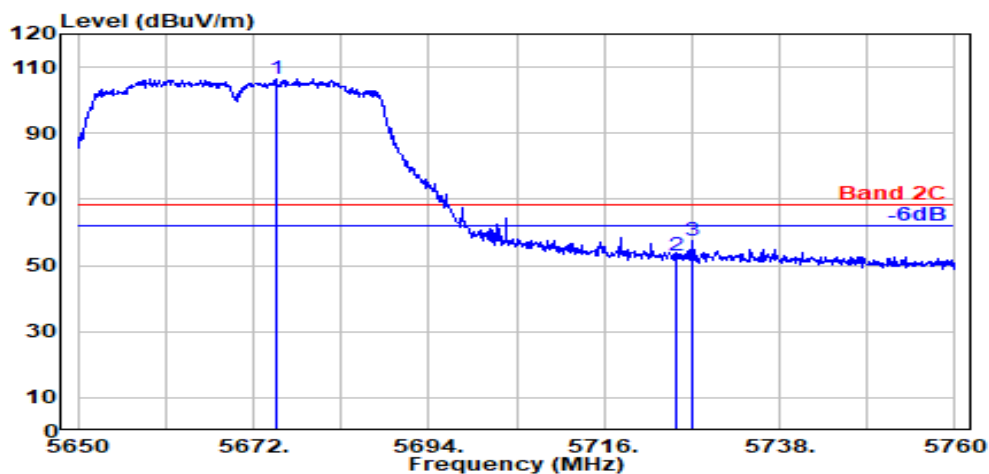
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5681.500	33.67	8.89	39.19	95.68	99.06	---	---	Peak
5725.000	33.60	8.93	39.20	46.23	49.56	68.20	18.64	Peak
5736.800	33.60	8.94	39.20	47.74	51.08	68.20	17.12	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
@ 5674.900	33.70	8.88	39.19	103.10	106.50	---	---	Peak
5725.000	33.60	8.93	39.20	49.60	52.93	68.20	15.27	Peak
5727.100	33.60	8.93	39.20	54.19	57.52	68.20	10.68	Peak

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

Audix Technology Corp.

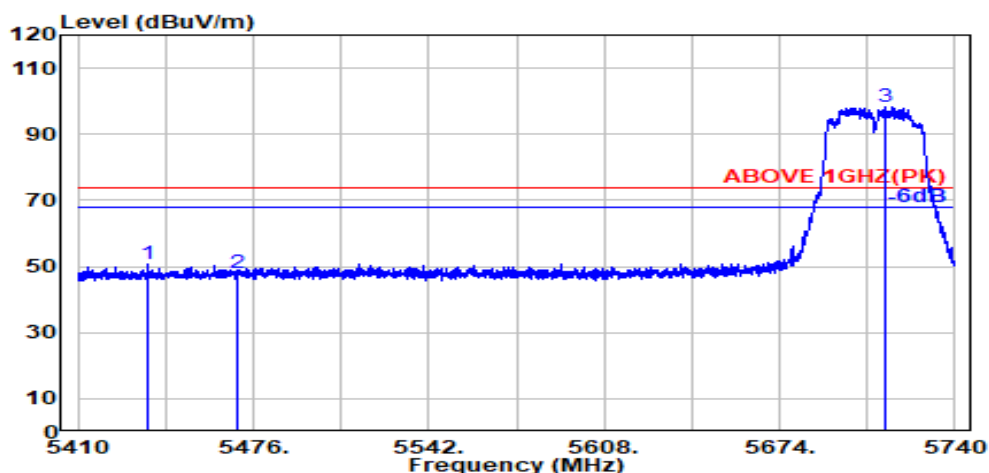
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

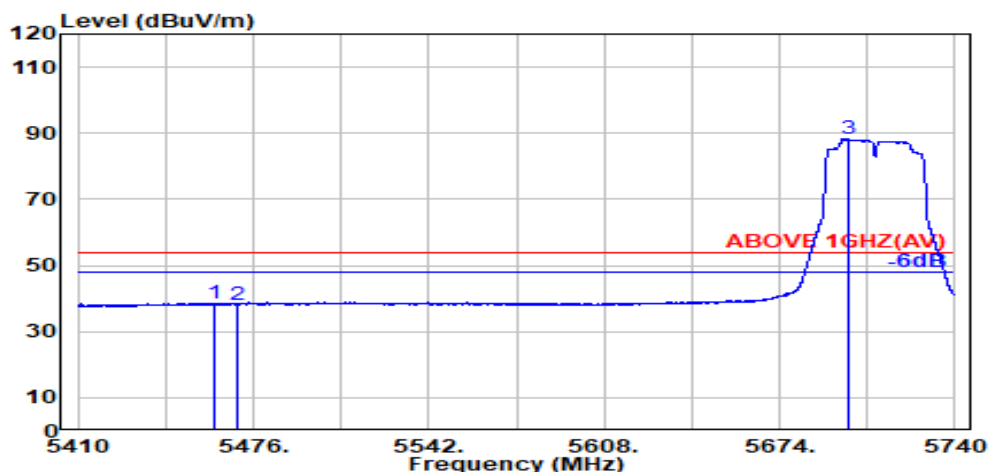
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5436.100	33.97	8.66	39.16	47.24	50.71	74.00	23.29	Peak
5470.000	34.04	8.69	39.15	44.39	47.97	74.00	26.03	Peak
@ 5713.800	33.60	8.92	39.19	94.85	98.17	---	---	Peak

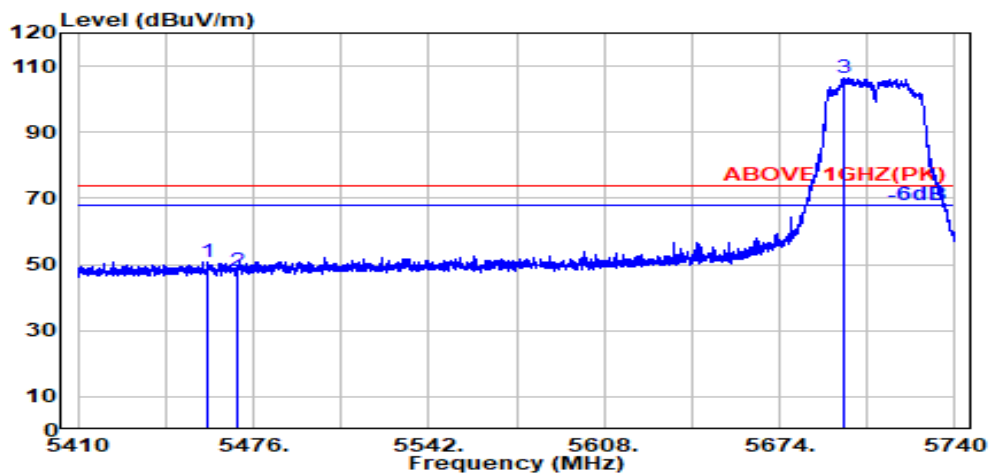


Antenna at Horizontal Polarization

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
5461.500	34.02	8.68	39.15	35.07	38.62	54.00	15.38	Average
5470.000	34.04	8.69	39.15	34.63	38.20	54.00	15.80	Average
@ 5700.200	33.60	8.90	39.19	84.95	88.26	---	---	Average

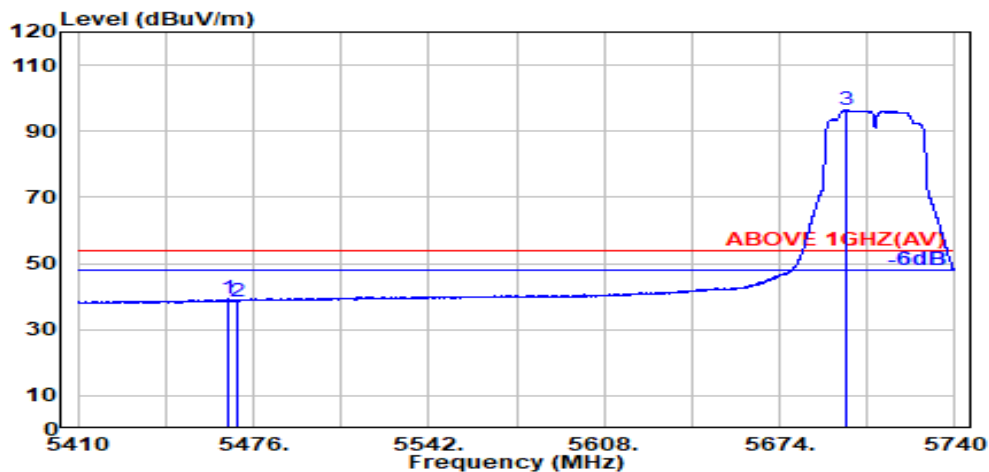
Remark: The “@” means fundamental frequency, it is ignored in this section.

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.800	34.02	8.68	39.15	47.38	50.92	74.00	23.08	Peak
5470.000	34.04	8.69	39.15	44.43	48.01	74.00	25.99	Peak
@ 5698.200	33.61	8.90	39.19	103.13	106.45	---	---	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
5466.200	34.03	8.68	39.15	35.67	39.24	54.00	14.76	Average
5470.000	34.04	8.69	39.15	35.09	38.67	54.00	15.33	Average
@ 5699.200	33.60	8.90	39.19	93.05	96.36	---	---	Average

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

Audix Technology Corp.

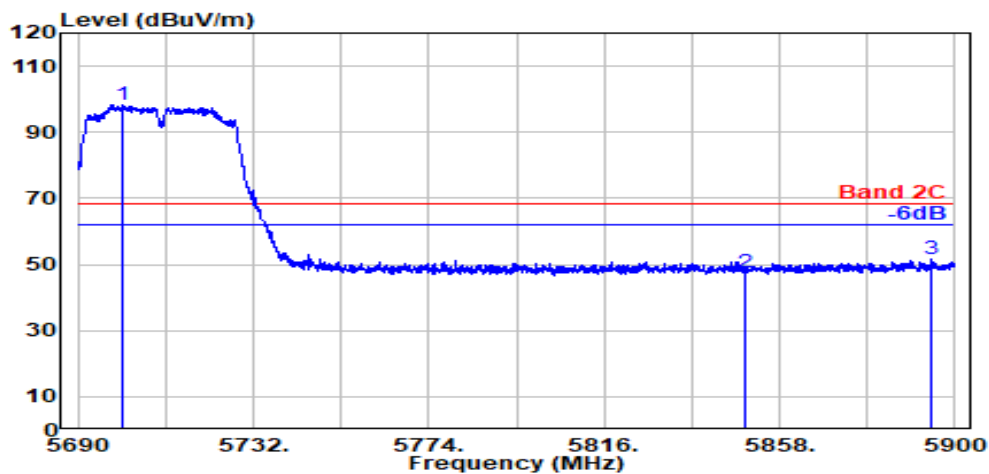
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

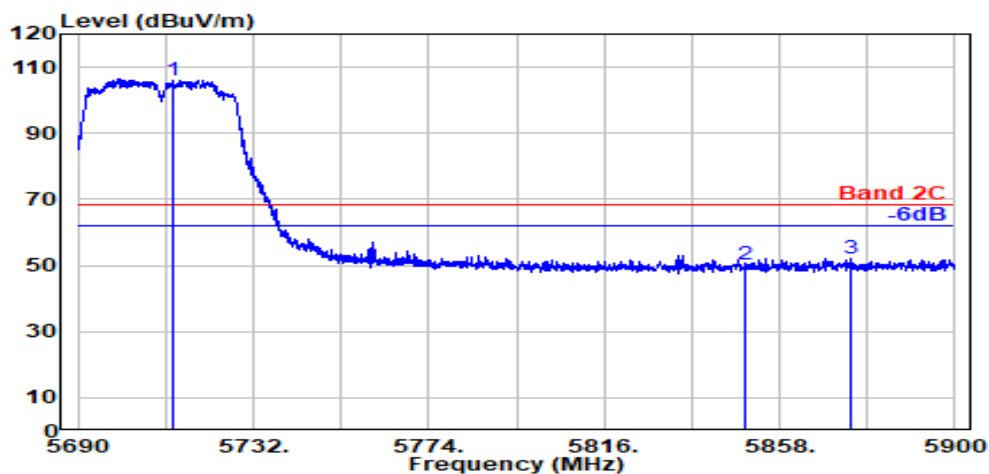
Fax: +886 2 26099303

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
@ 5700.900	33.60	8.90	39.19	94.75	98.07	---	---	Peak
5850.000	33.90	9.04	39.22	44.05	47.77	68.20	20.43	Peak
5894.400	34.08	9.08	39.23	47.85	51.77	68.20	16.43	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
@ 5713.000	33.60	8.91	39.19	102.72	106.04	---	---	Peak
5850.000	33.90	9.04	39.22	46.50	50.21	68.20	17.99	Peak
5875.000	34.00	9.06	39.23	48.35	52.18	68.20	16.02	Peak

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

Audix Technology Corp.

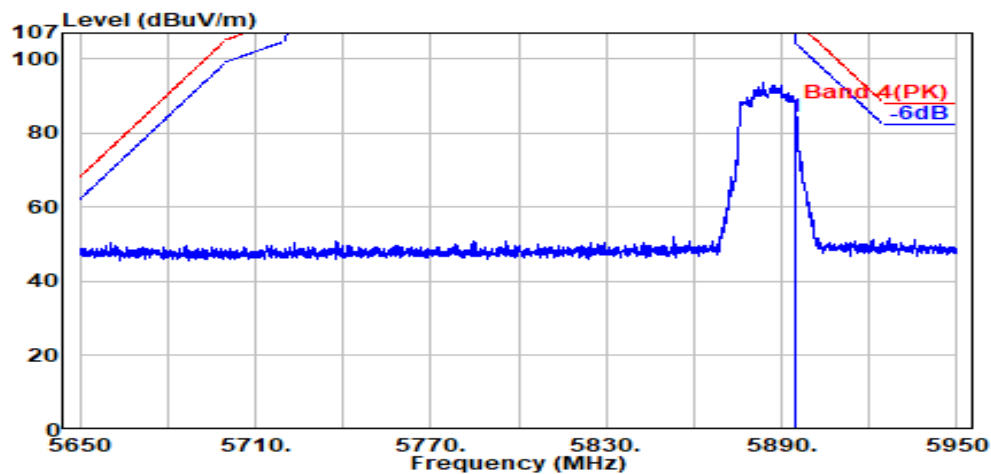
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

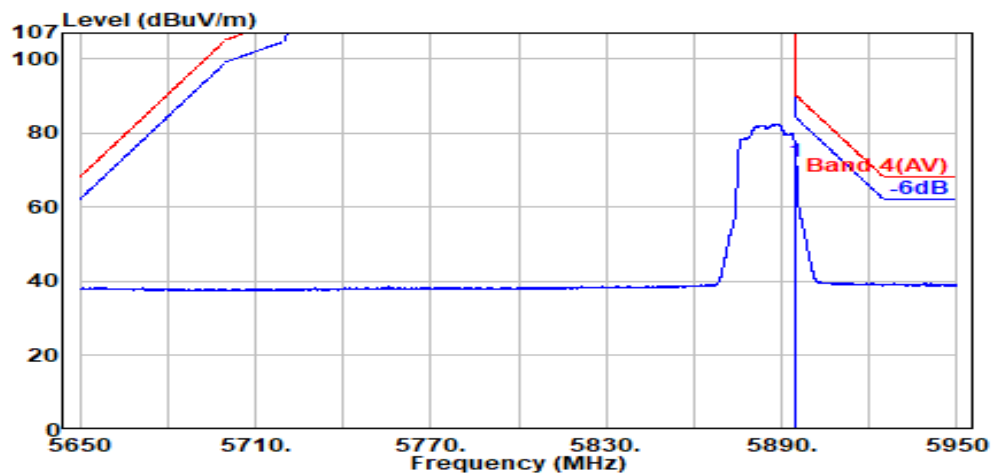
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.000	34.10	8.97	34.35	75.83	84.55	110.20	25.65	Peak



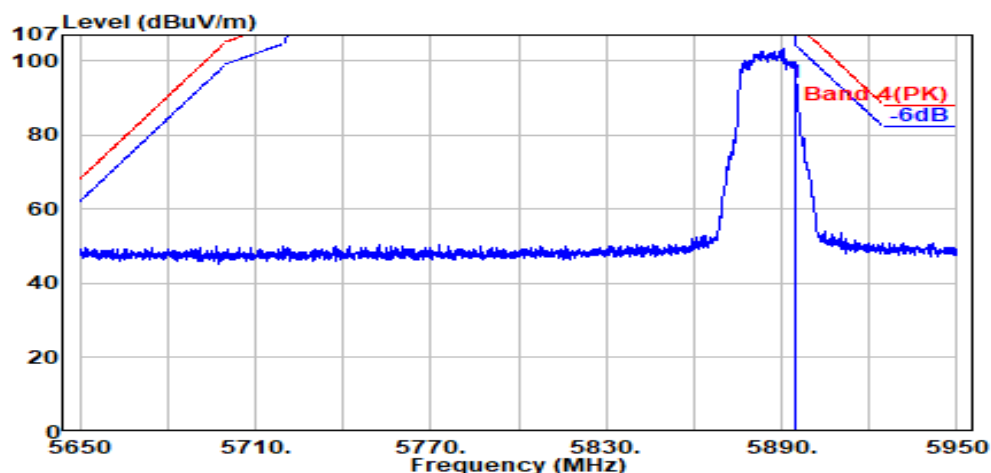
Antenna at Horizontal Polarization

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	34.10	8.97	34.35	63.43	72.15	90.20	18.05	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

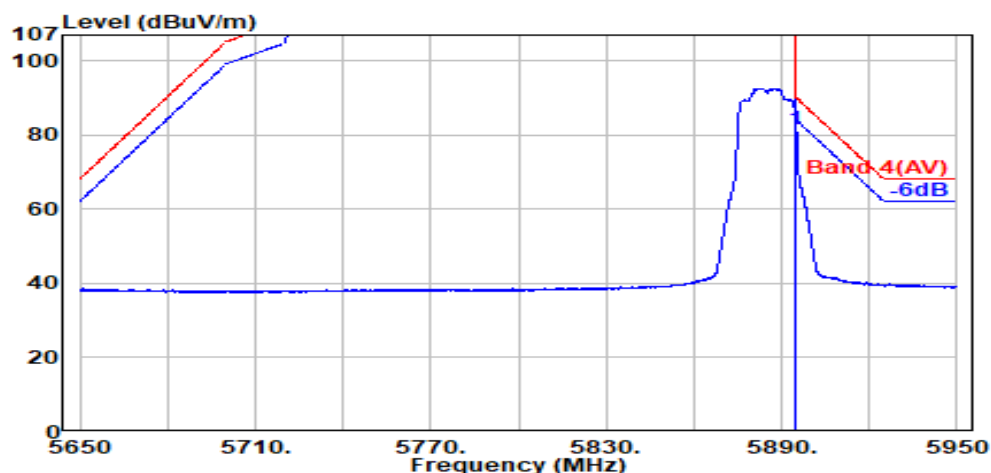
Tel: +886 2 26099301
Fax: +886 2 26099303

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	34.10	8.97	34.35	85.48	94.20	110.20	16.00	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
5895.000	34.10	8.97	34.35	72.89	81.61	90.20	8.59	Average

Audix Technology Corp.

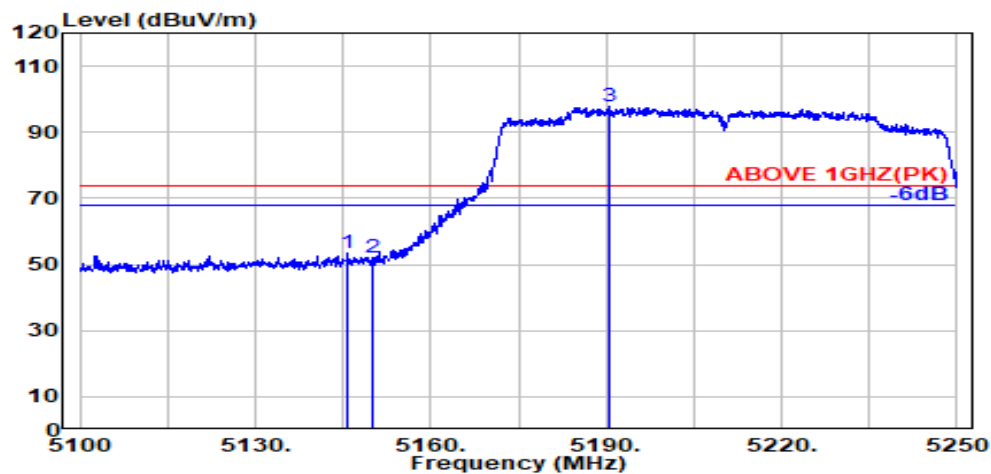
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

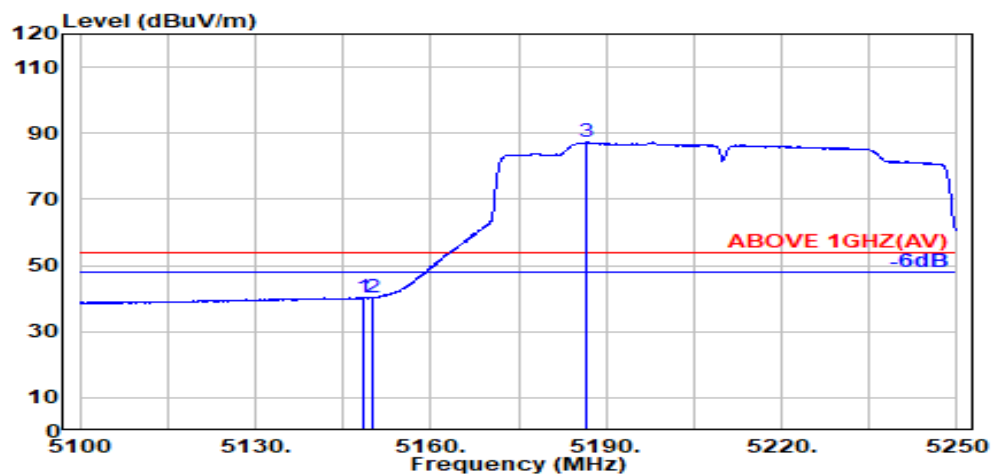
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5145.800	33.49	8.37	39.19	50.60	53.27	74.00	20.73	Peak
5150.000	33.50	8.37	39.19	49.23	51.91	74.00	22.09	Peak
@ 5190.500	33.74	8.41	39.19	94.78	97.75	---	---	Peak

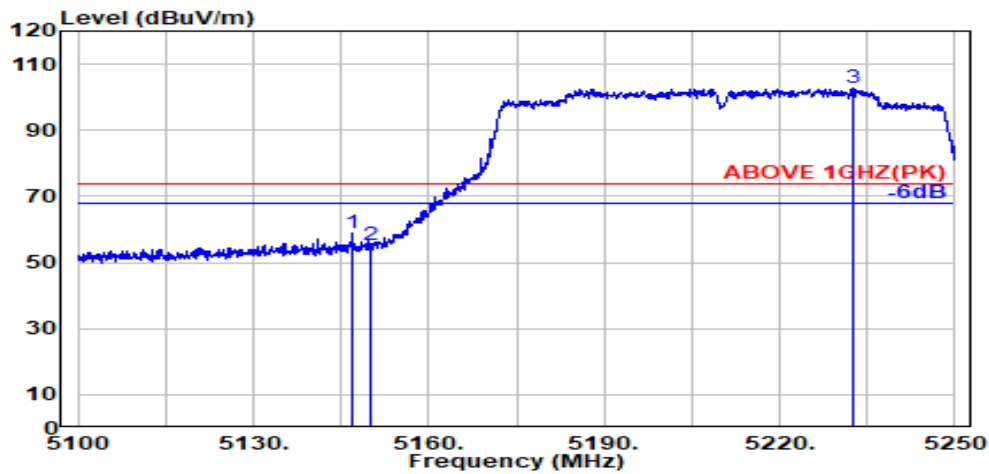


Antenna at Horizontal Polarization

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
5148.600	33.50	8.37	39.19	37.81	40.49	54.00	13.51	Average
5150.000	33.50	8.37	39.19	37.51	40.20	54.00	13.80	Average
@ 5186.700	33.72	8.41	39.19	84.46	87.40	---	---	Average

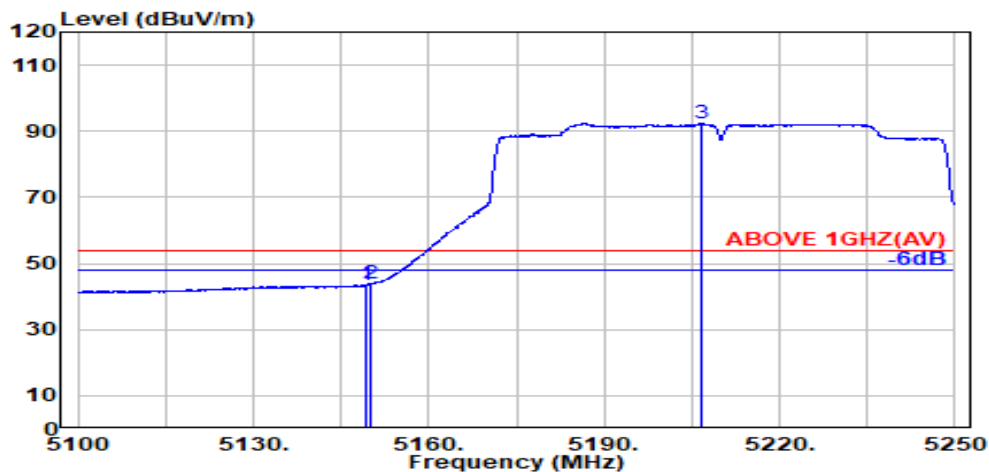
Remark: The “@” means fundamental frequency, it is ignored in this section.

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.900	33.49	8.37	39.19	56.15	58.83	74.00	15.17	Peak
5150.000	33.50	8.37	39.19	52.34	55.02	74.00	18.98	Peak
@ 5232.400	33.74	8.46	39.18	99.57	102.58	---	---	Peak



Antenna at Vertical Polarization

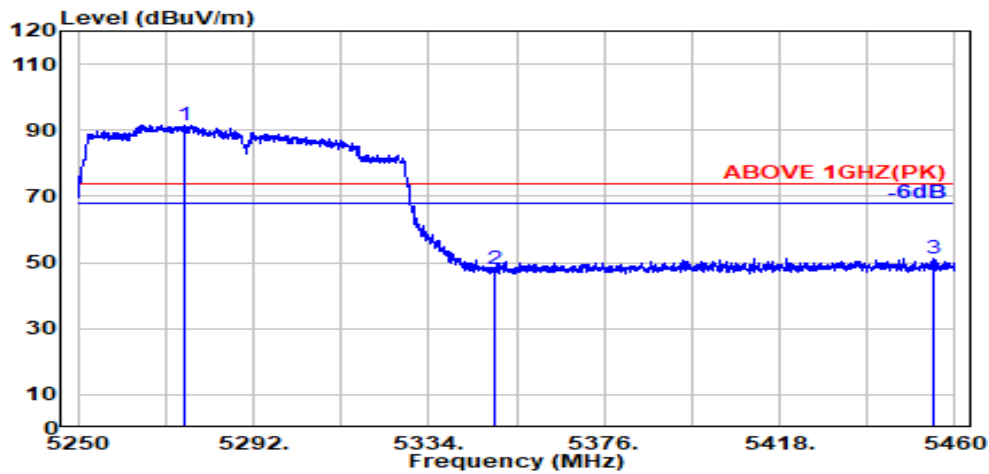
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.400	33.50	8.37	39.19	40.96	43.64	54.00	10.36	Average
5150.000	33.50	8.37	39.19	41.11	43.80	54.00	10.20	Average
@ 5206.800	33.79	8.43	39.18	89.45	92.48	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

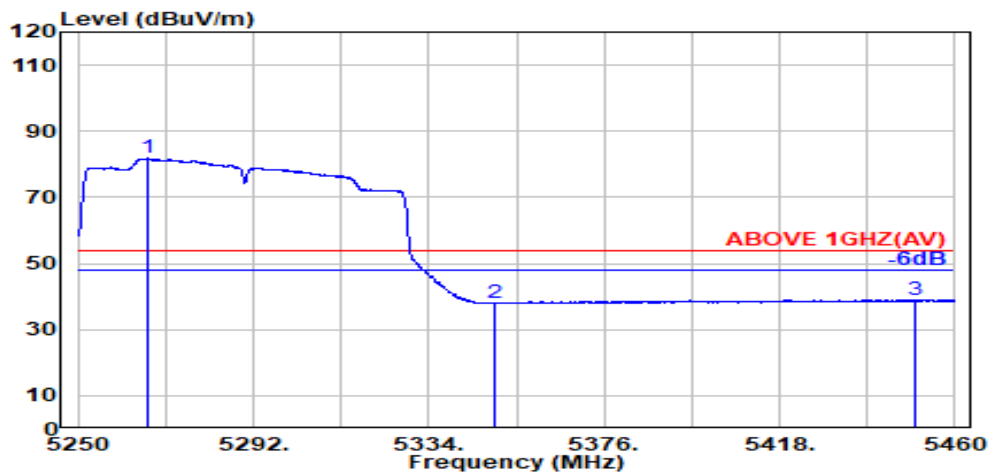
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5275.400	33.75	8.50	39.18	88.49	91.56	---	---	Peak
5350.000	33.70	8.57	39.17	44.74	47.85	74.00	26.15	Peak
5454.600	34.01	8.67	39.16	47.63	51.15	74.00	22.85	Peak



Antenna at Horizontal Polarization

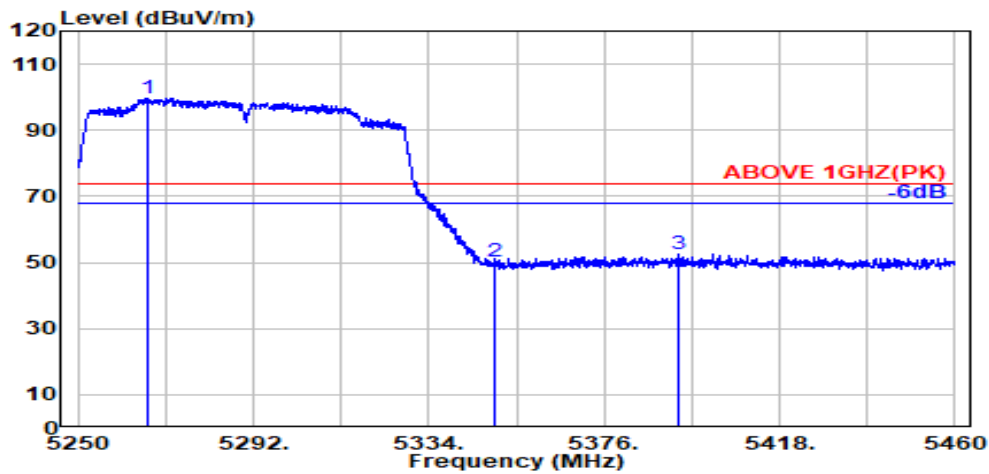
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5266.700	33.73	8.49	39.18	78.89	81.94	---	---	Average
5350.000	33.70	8.57	39.17	34.83	37.94	54.00	16.06	Average
5450.200	34.00	8.67	39.16	35.52	39.03	54.00	14.97	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

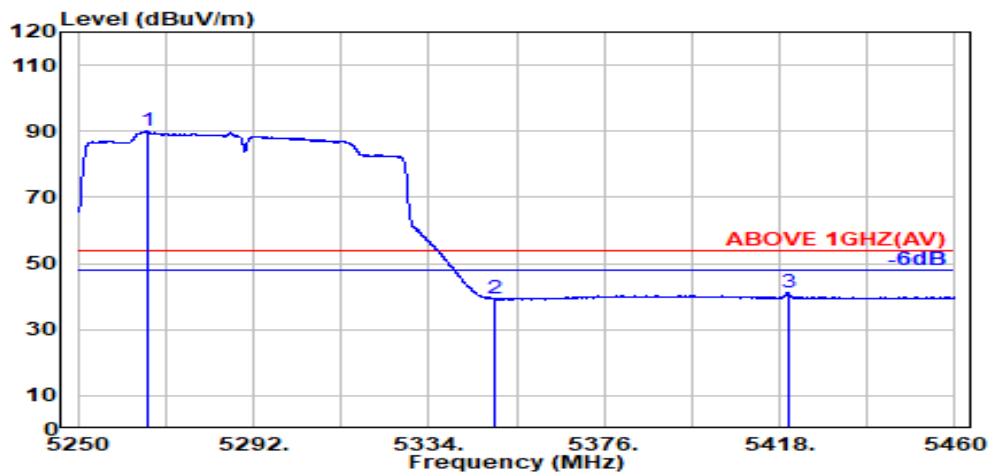
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5266.600	33.73	8.49	39.18	96.75	99.79	---	---	Peak
5350.000	33.70	8.57	39.17	47.34	50.44	74.00	23.56	Peak
5393.900	33.88	8.62	39.16	49.39	52.72	74.00	21.28	Peak

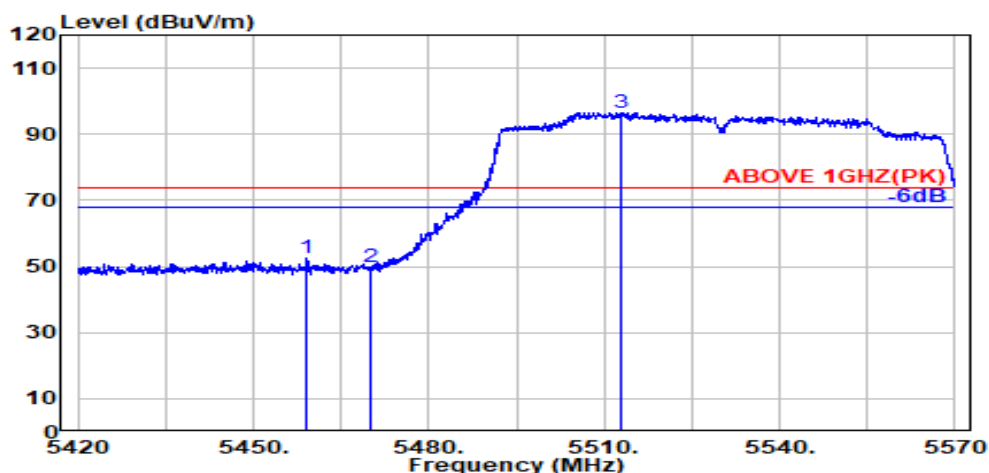


Antenna at Vertical Polarization

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
@ 5266.500	33.73	8.49	39.18	86.93	89.98	---	---	Average
5350.000	33.70	8.57	39.17	36.20	39.30	54.00	14.70	Average
5420.100	33.94	8.64	39.16	37.76	41.18	54.00	12.82	Average

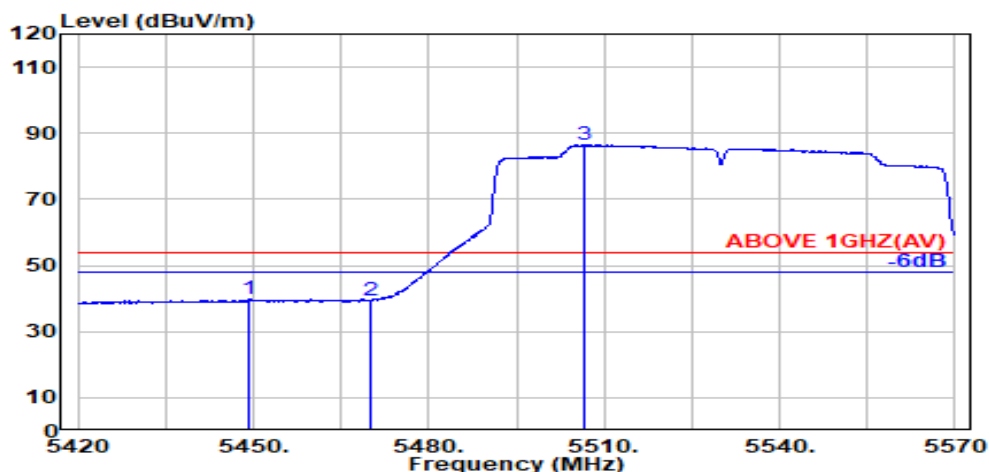
Remark: The “@” means fundamental frequency, it is ignored in this section.

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.200	34.02	8.68	39.15	48.89	52.43	74.00	21.57	Peak
5470.000	34.04	8.69	39.15	46.35	49.93	74.00	24.07	Peak
@ 5513.000	34.07	8.73	39.15	93.01	96.66	---	---	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
5449.400	34.00	8.67	39.16	36.13	39.64	54.00	14.36	Average
5470.000	34.04	8.69	39.15	35.99	39.56	54.00	14.44	Average
@ 5506.700	34.09	8.72	39.15	82.80	86.45	---	---	Average

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

Audix Technology Corp.

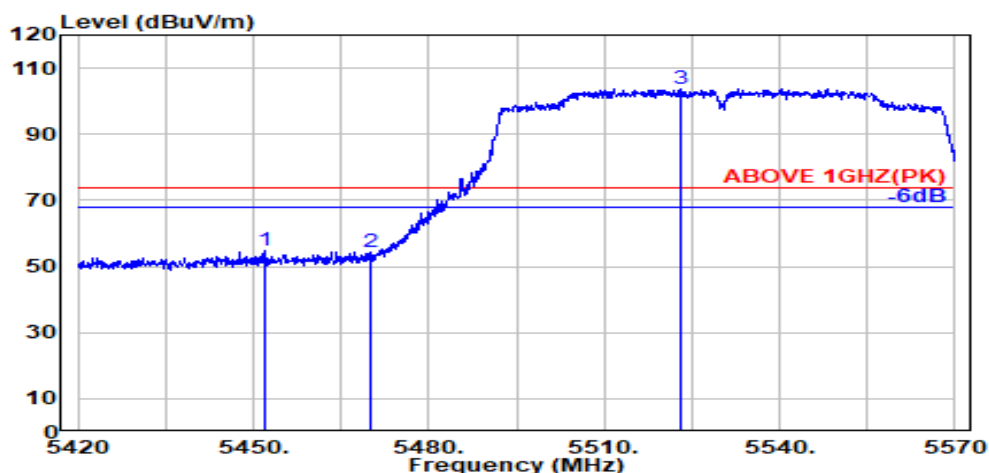
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

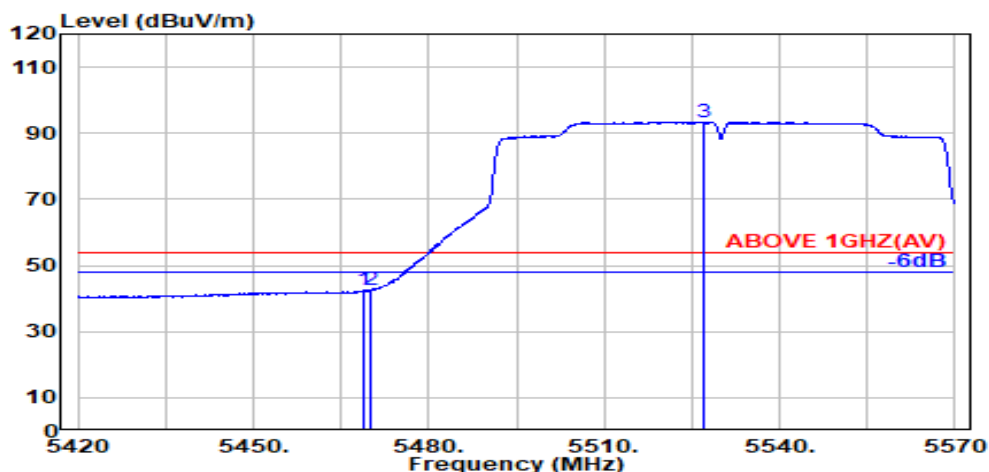
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.900	34.00	8.67	39.16	51.16	54.68	74.00	19.32	Peak
5470.000	34.04	8.69	39.15	50.70	54.27	74.00	19.73	Peak
@ 5523.100	34.05	8.74	39.15	100.09	103.73	---	---	Peak



Antenna at Vertical Polarization

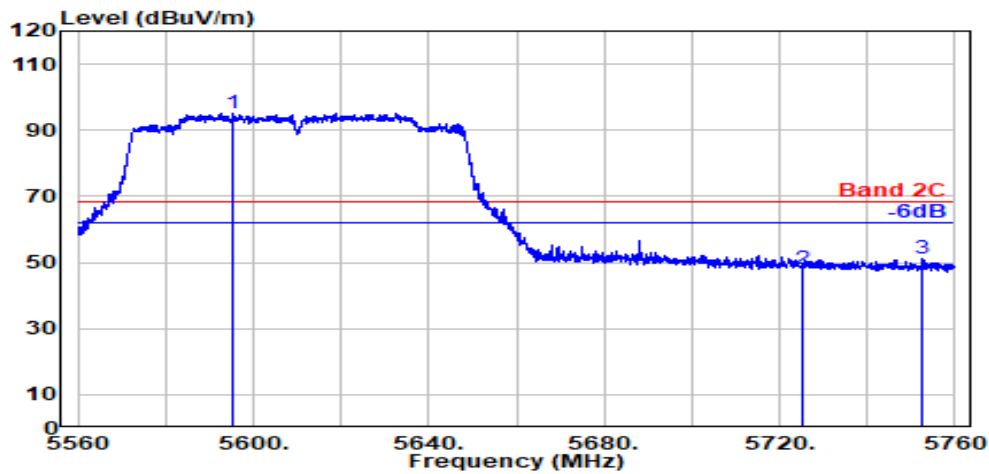
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.800	34.04	8.69	39.15	38.94	42.51	54.00	11.49	Average
5470.000	34.04	8.69	39.15	38.84	42.42	54.00	11.58	Average
@ 5527.000	34.05	8.74	39.16	89.76	93.39	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

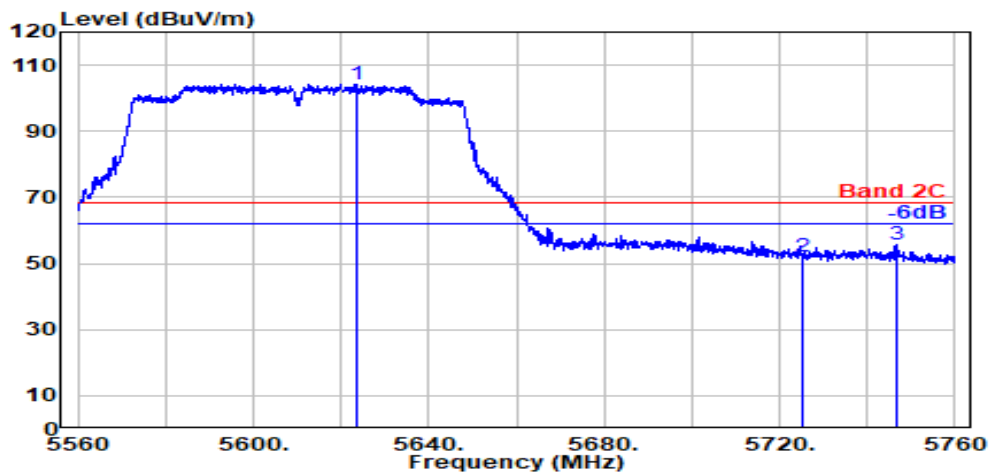
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5595.300	33.82	8.81	39.17	91.64	95.10	---	---	Peak
5725.000	33.60	8.93	39.20	44.47	47.80	68.20	20.40	Peak
5752.700	33.61	8.95	39.20	47.65	51.01	68.20	17.19	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
@ 5623.500	33.80	8.83	39.18	100.72	104.17	---	---	Peak
5725.000	33.60	8.93	39.20	48.86	52.19	68.20	16.01	Peak
5746.500	33.60	8.95	39.20	52.19	55.54	68.20	12.66	Peak

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

Audix Technology Corp.

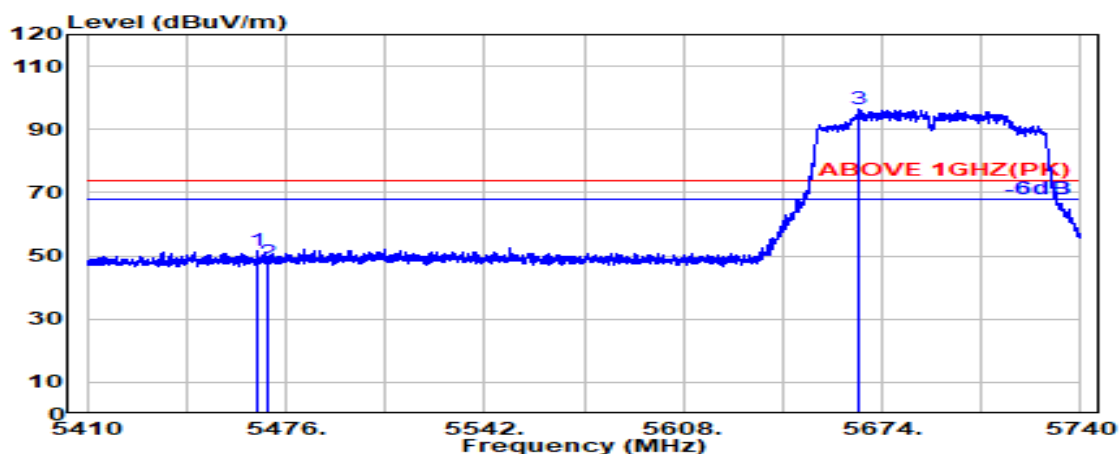
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

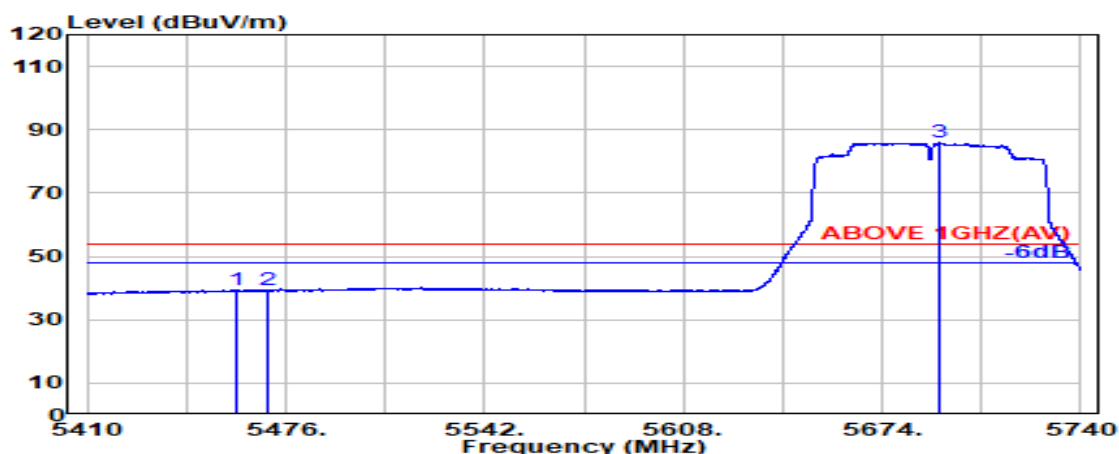
Fax: +886 2 26099303

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



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
5466.700	34.03	8.68	39.15	47.89	51.45	74.00	22.55	Peak
5470.000	34.04	8.69	39.15	44.31	47.88	74.00	26.12	Peak
@ 5666.200	33.74	8.87	39.18	93.20	96.62	---	---	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	34.02	8.68	39.15	35.94	39.48	54.00	14.52	Average
5470.000	34.04	8.69	39.15	35.75	39.33	54.00	14.67	Average
@ 5693.400	33.63	8.90	39.19	82.49	85.82	---	---	Average

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

Audix Technology Corp.

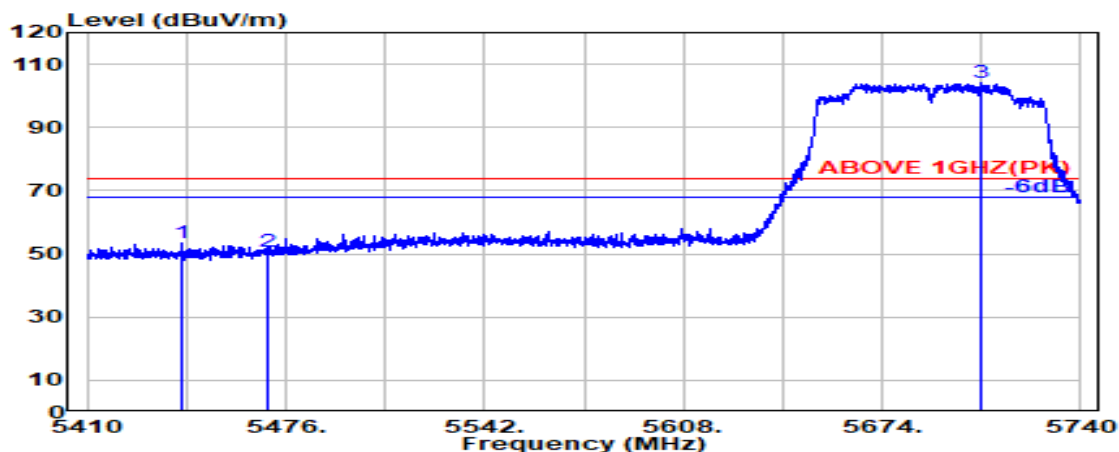
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

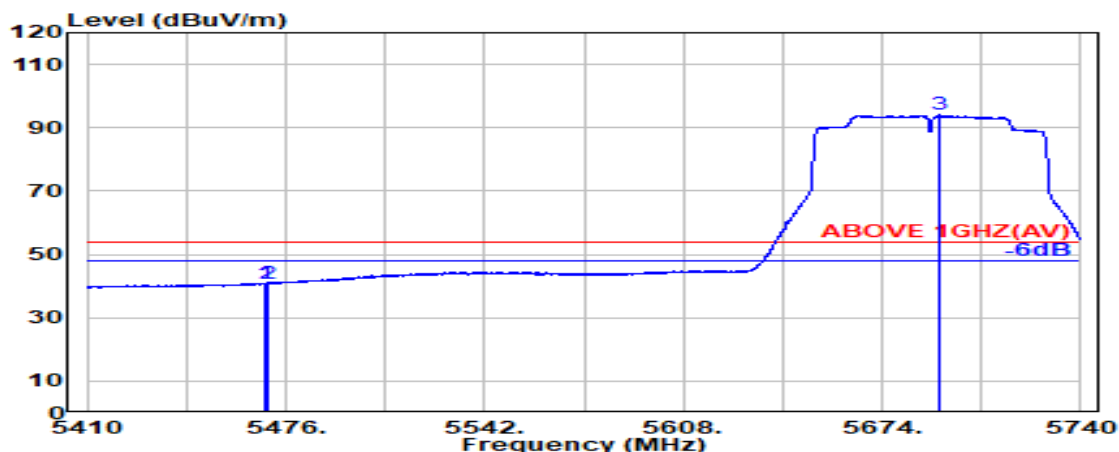
Fax: +886 2 26099303

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



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
5441.200	33.98	8.66	39.16	50.14	53.63	74.00	20.37	Peak
5470.000	34.04	8.69	39.15	47.25	50.83	74.00	23.17	Peak
@ 5706.600	33.60	8.91	39.19	100.76	104.07	---	---	Peak



Antenna at Vertical Polarization

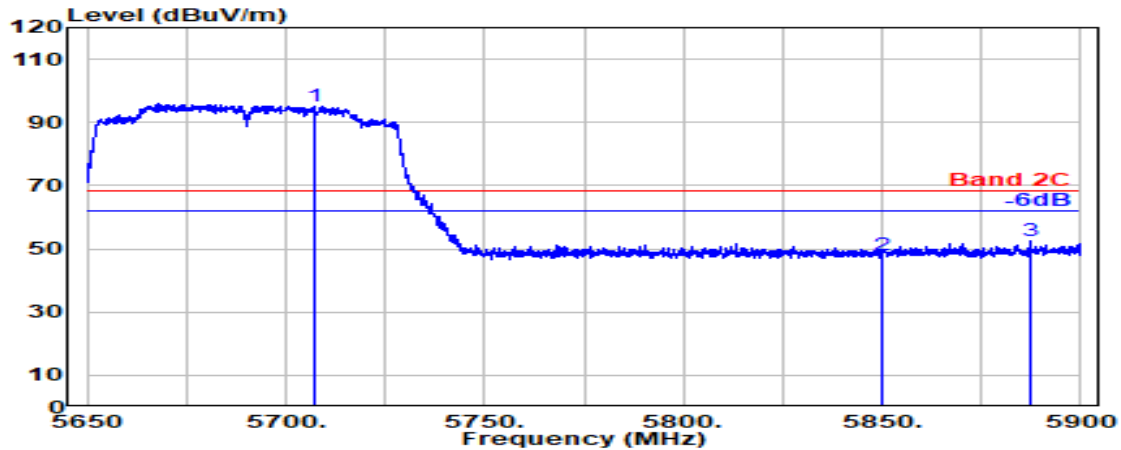
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.04	8.69	39.15	37.38	40.95	54.00	13.05	Average
5470.000	34.04	8.69	39.15	37.18	40.75	54.00	13.25	Average
@ 5693.200	33.63	8.90	39.19	90.63	93.97	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

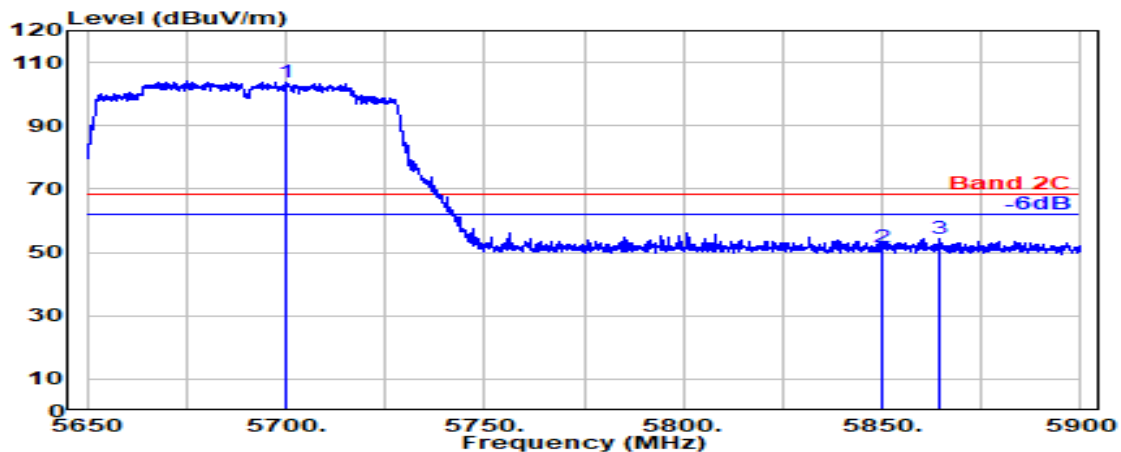
Tel: +886 2 26099301
Fax: +886 2 26099303

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



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
@ 5707.100	33.60	8.91	39.19	91.96	95.27	---	---	Peak
5850.000	33.90	9.04	39.22	44.45	48.17	68.20	20.03	Peak
5887.400	34.05	9.07	39.23	48.63	52.53	68.20	15.67	Peak



Antenna at Vertical Polarization

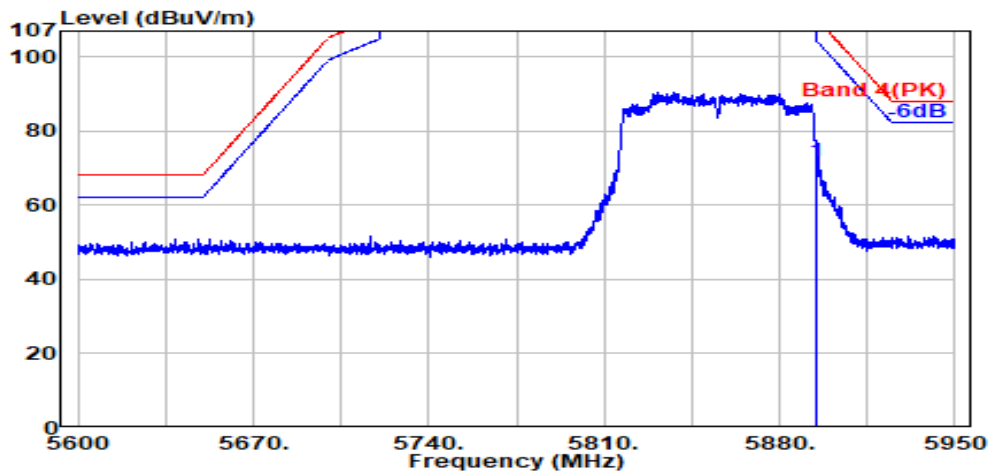
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5700.200	33.60	8.90	39.19	100.26	103.57	---	---	Peak
5850.000	33.90	9.04	39.22	47.90	51.62	68.20	16.58	Peak
5864.200	33.96	9.05	39.22	50.40	54.19	68.20	14.01	Peak

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

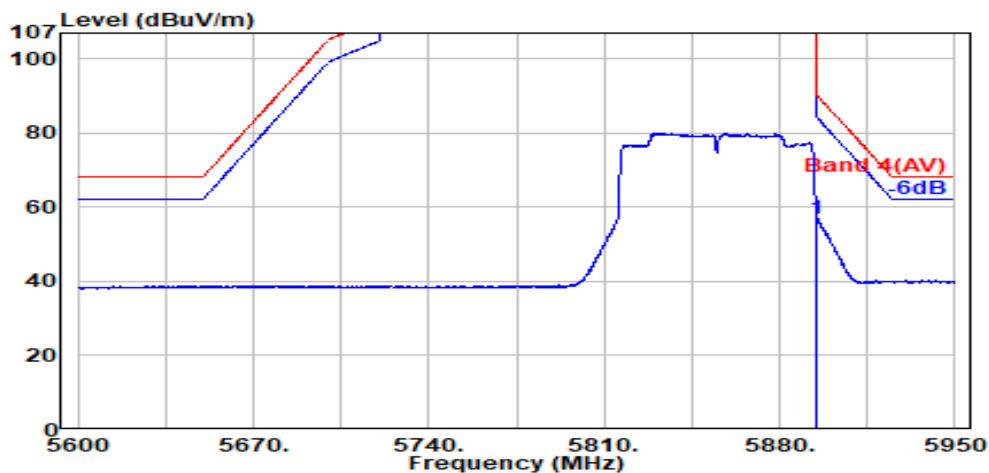
Tel: +886 2 26099301
Fax: +886 2 26099303

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	34.10	8.97	34.35	63.34	72.06	110.16	38.11	Peak



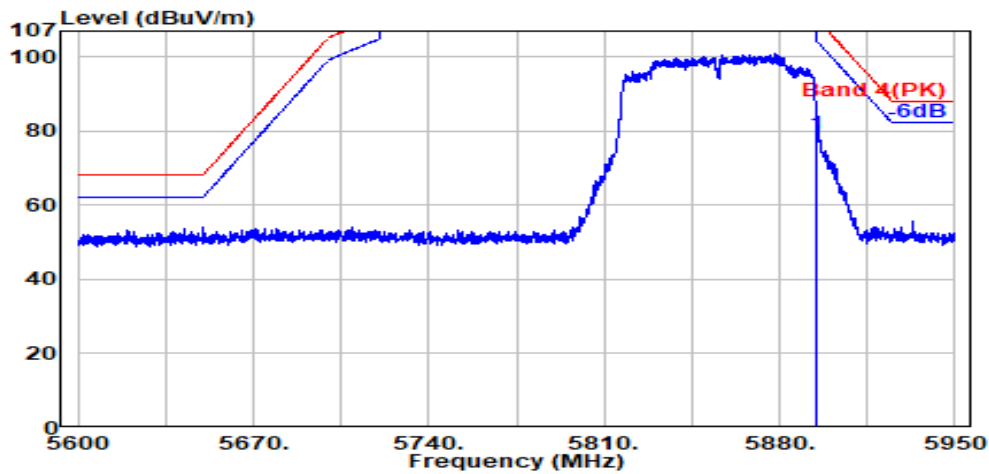
Antenna at Horizontal Polarization

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
5895.050	34.10	8.97	34.35	48.15	56.87	90.16	33.29	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

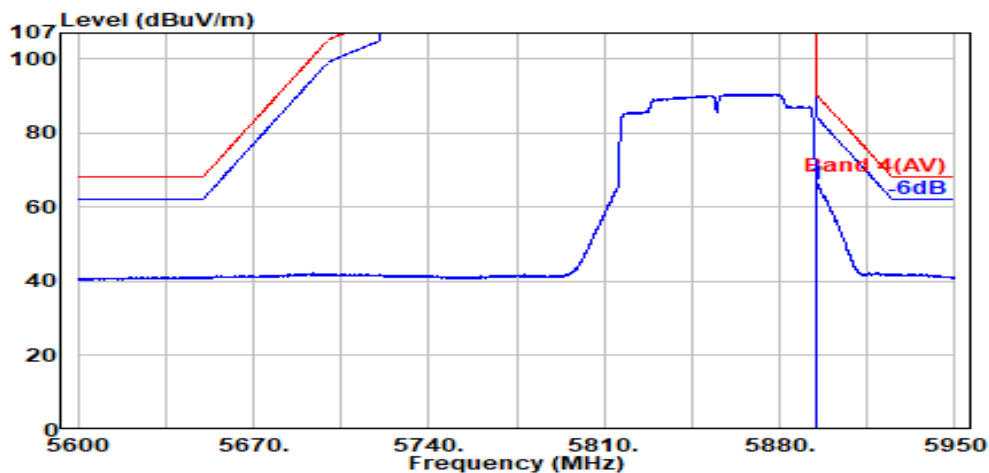
Tel: +886 2 26099301
Fax: +886 2 26099303

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	34.10	8.97	34.35	70.62	79.34	110.16	30.83	Peak



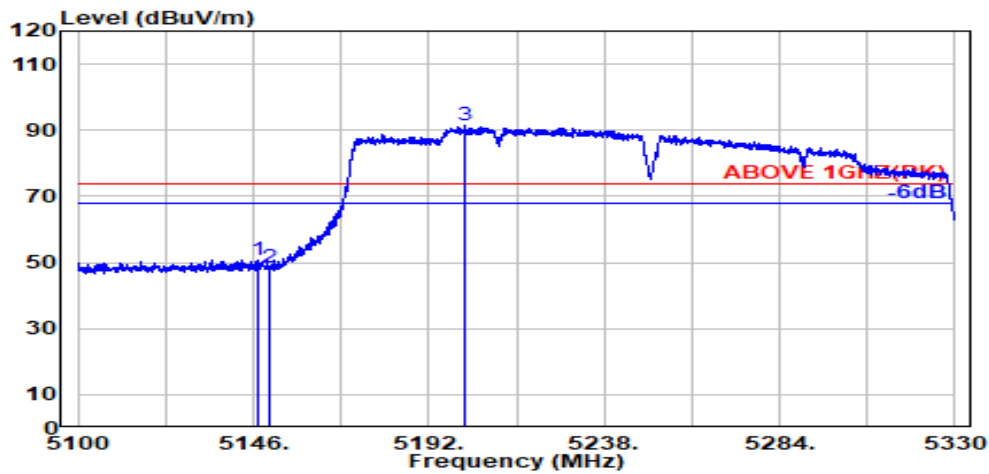
Antenna at Vertical Polarization

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	34.10	8.97	34.35	57.64	66.36	90.16	23.80	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

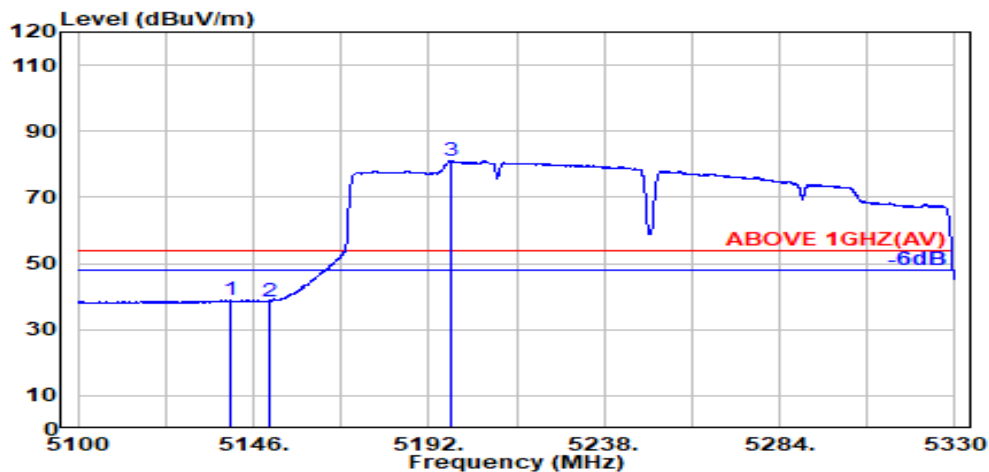
Tel: +886 2 26099301
Fax: +886 2 26099303

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
5147.000	33.49	8.37	39.19	48.04	50.72	74.00	23.28	Peak
5150.000	33.50	8.37	39.19	45.87	48.55	74.00	25.45	Peak
@ 5201.200	33.80	8.43	39.19	88.36	91.40	---	---	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
5140.000	33.48	8.36	39.19	36.16	38.81	54.00	15.19	Average
5150.000	33.50	8.37	39.19	35.90	38.59	54.00	15.41	Average
@ 5197.700	33.79	8.42	39.19	78.21	81.23	---	---	Average

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

Audix Technology Corp.

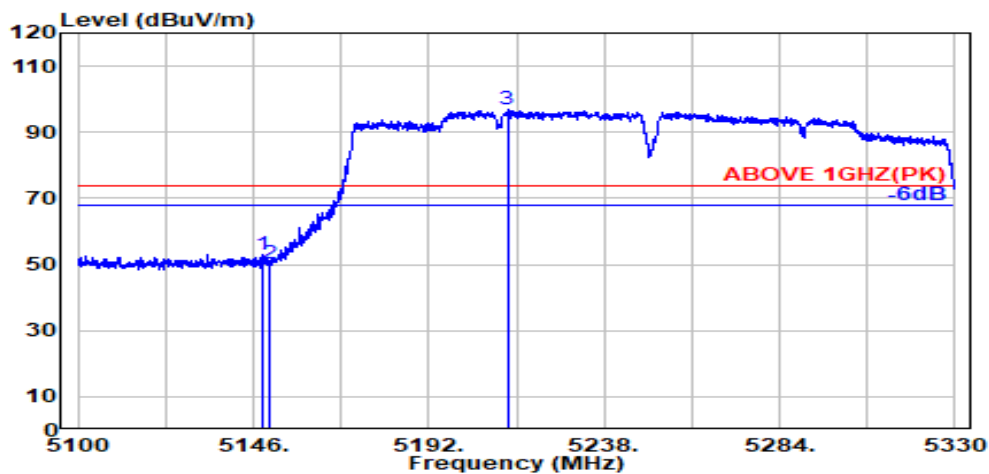
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

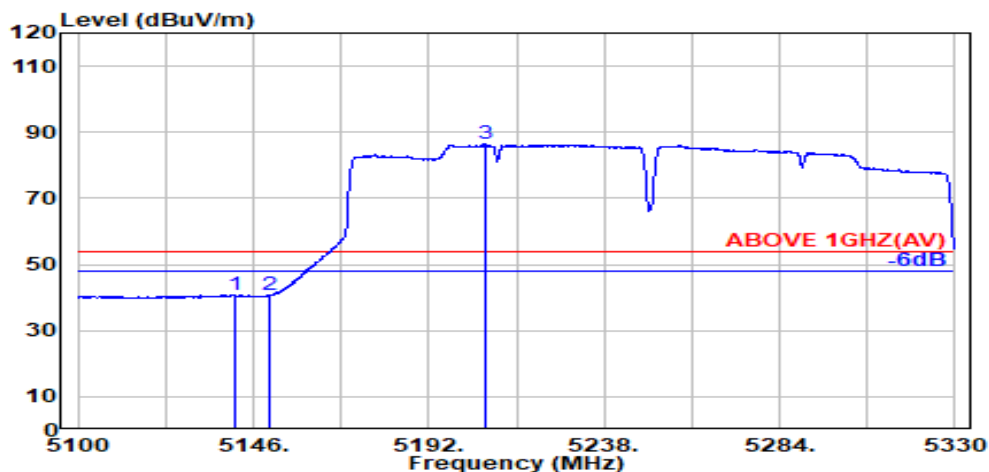
Fax: +886 2 26099303

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
5148.700	33.50	8.37	39.19	50.25	52.92	74.00	21.08	Peak
5150.000	33.50	8.37	39.19	47.44	50.12	74.00	23.88	Peak
@ 5212.600	33.77	8.44	39.18	93.74	96.77	---	---	Peak



Antenna at Vertical Polarization

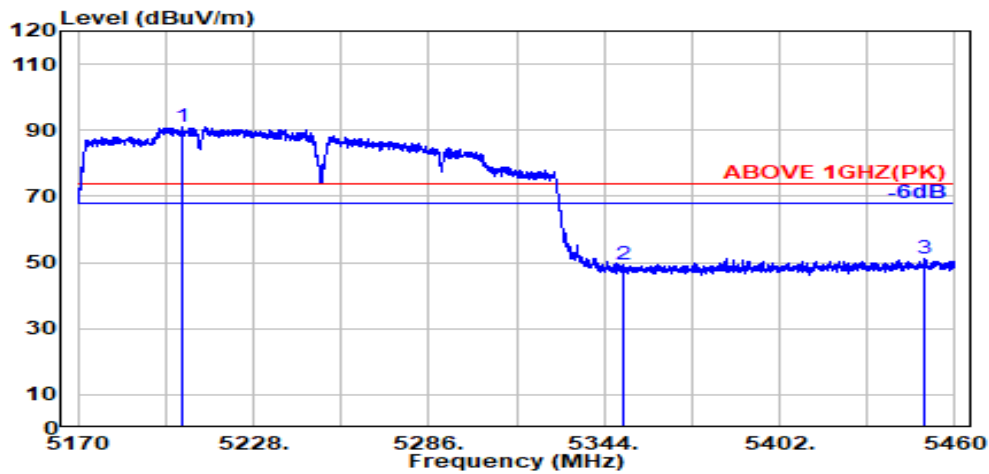
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5141.100	33.48	8.37	39.19	38.13	40.79	54.00	13.21	Average
5150.000	33.50	8.37	39.19	37.91	40.59	54.00	13.41	Average
@ 5207.000	33.79	8.43	39.18	83.35	86.38	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

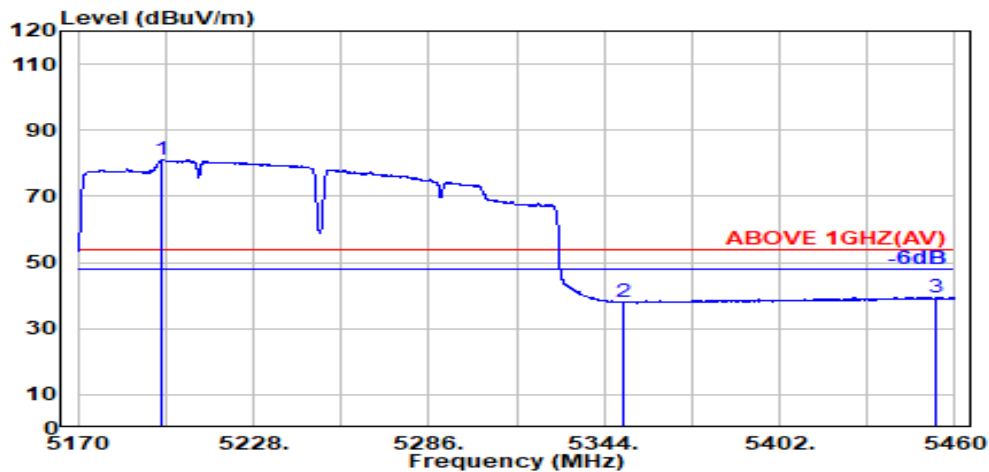
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5204.200	33.79	8.43	39.18	87.92	90.96	---	---	Peak
5350.000	33.70	8.57	39.17	46.08	49.18	74.00	24.82	Peak
5449.700	34.00	8.67	39.16	47.72	51.23	74.00	22.77	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
@ 5197.900	33.79	8.42	39.19	78.24	81.26	---	---	Average
5350.000	33.70	8.57	39.17	34.84	37.94	54.00	16.06	Average
5453.700	34.01	8.67	39.16	35.97	39.49	54.00	14.51	Average

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

Audix Technology Corp.

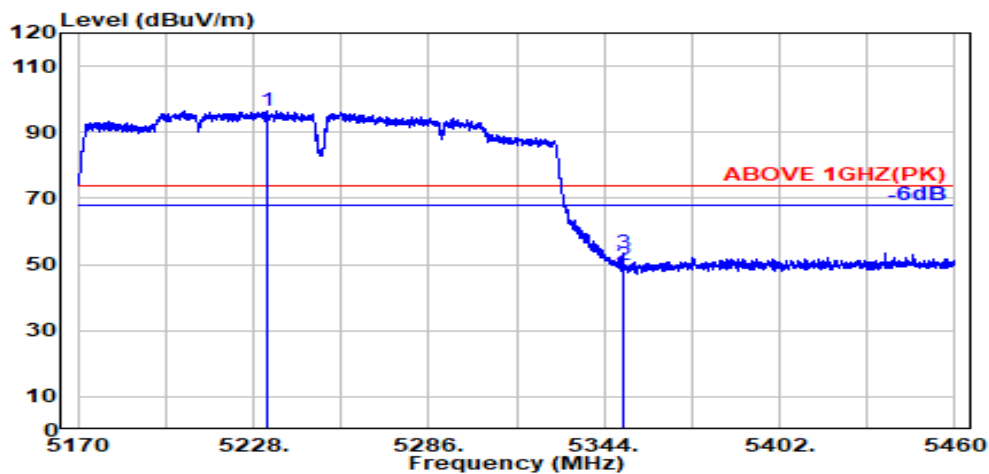
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

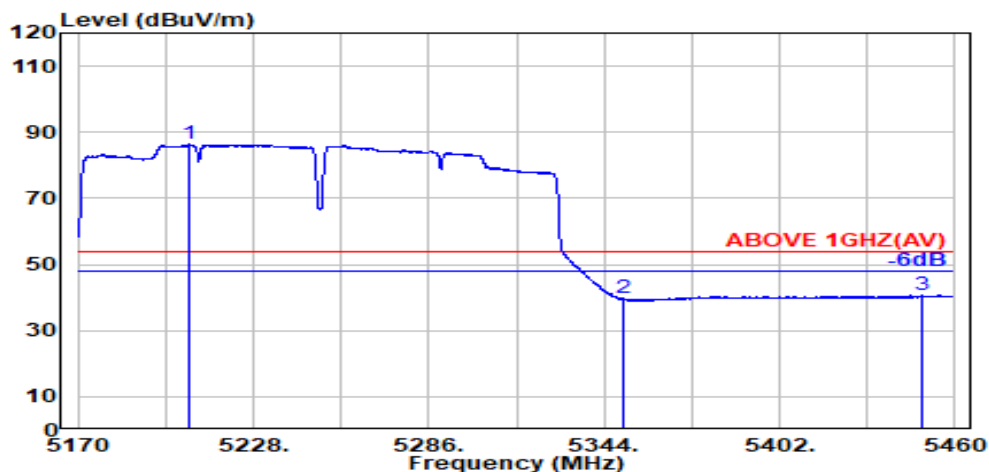
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5232.600	33.73	8.46	39.18	93.47	96.48	---	---	Peak
5350.000	33.70	8.57	39.17	46.84	49.95	74.00	24.05	Peak
5350.400	33.70	8.57	39.17	50.23	53.34	74.00	20.66	Peak



Antenna at Vertical Polarization

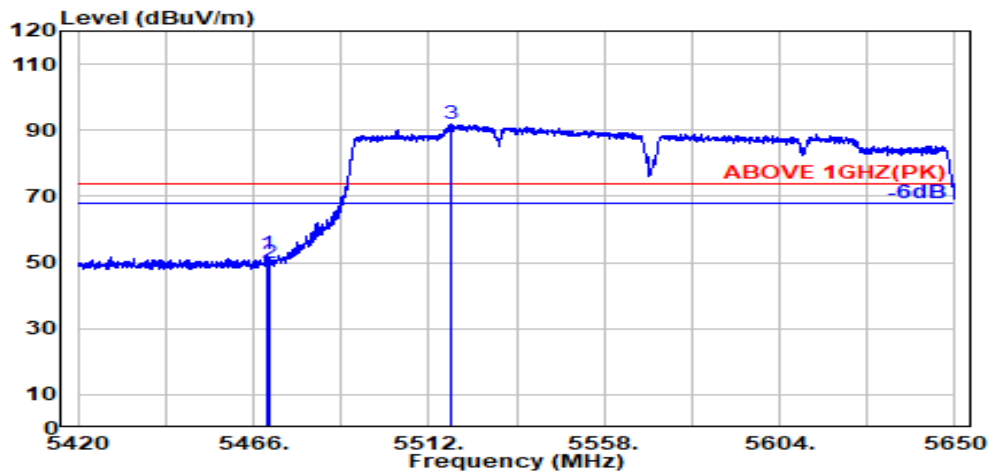
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5206.700	33.79	8.43	39.18	83.36	86.40	---	---	Average
5350.000	33.70	8.57	39.17	36.58	39.68	54.00	14.32	Average
5449.000	34.00	8.67	39.16	37.14	40.65	54.00	13.35	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

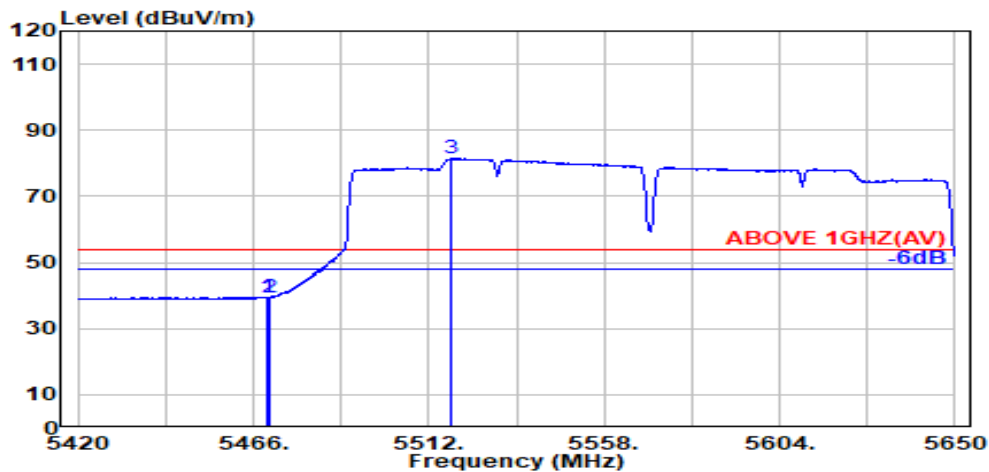
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5469.400	34.04	8.69	39.15	49.02	52.59	74.00	21.41	Peak
5470.000	34.04	8.69	39.15	46.16	49.73	74.00	24.27	Peak
@ 5517.900	34.06	8.73	39.15	88.23	91.87	---	---	Peak



Antenna at Horizontal 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
5469.400	34.04	8.69	39.15	35.99	39.56	54.00	14.44	Average
5470.000	34.04	8.69	39.15	35.79	39.37	54.00	14.63	Average
@ 5517.800	34.06	8.73	39.15	77.78	81.42	---	---	Average

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

Audix Technology Corp.

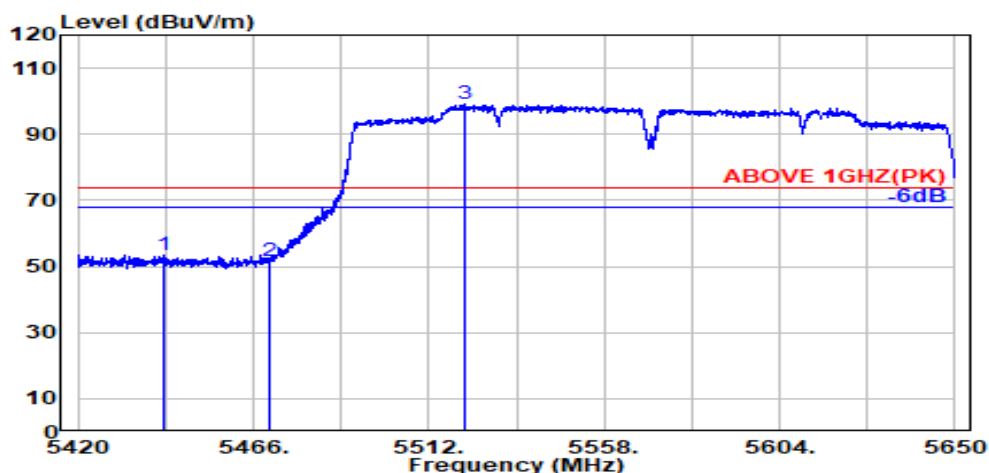
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

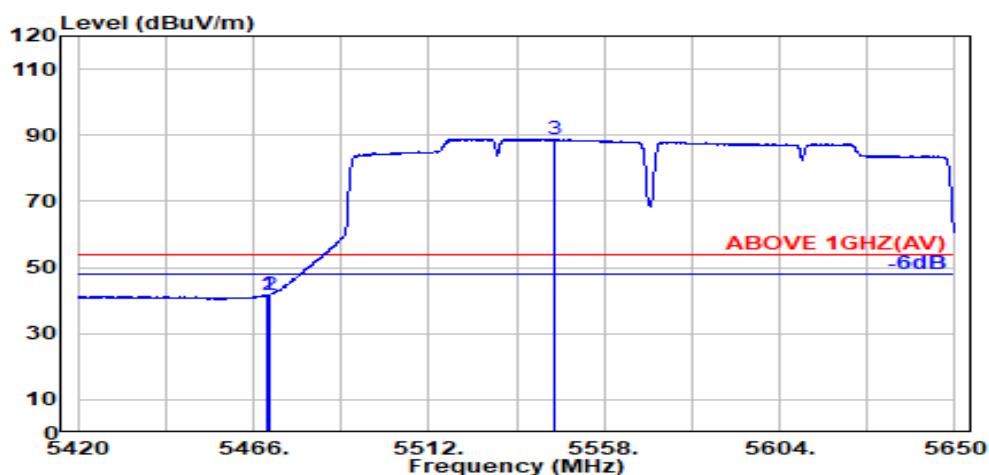
Fax: +886 2 26099303

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
5442.600	33.99	8.66	39.16	50.07	53.56	74.00	20.44	Peak
5470.000	34.04	8.69	39.15	48.04	51.62	74.00	22.38	Peak
@ 5521.400	34.06	8.74	39.15	95.35	98.99	---	---	Peak



Antenna at Vertical Polarization

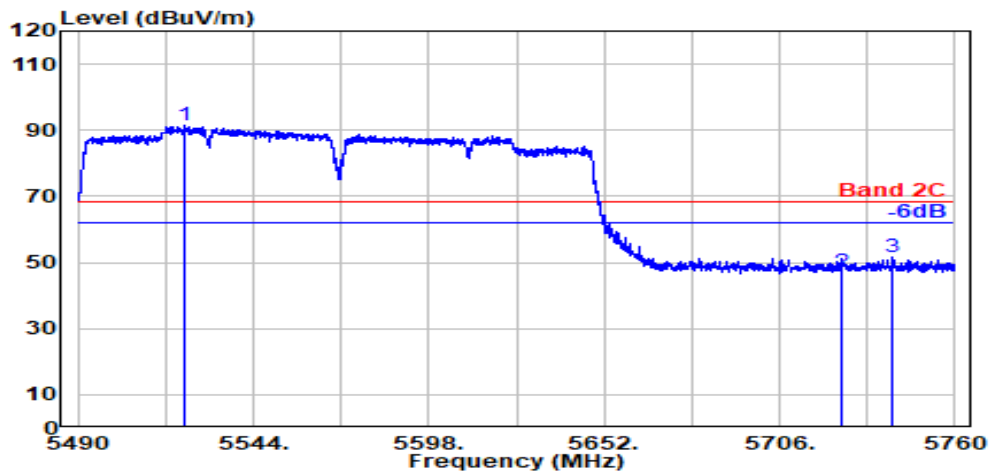
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.800	34.04	8.69	39.15	38.08	41.65	54.00	12.35	Average
5470.000	34.04	8.69	39.15	38.13	41.70	54.00	12.30	Average
@ 5545.200	34.01	8.76	39.16	85.17	88.78	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

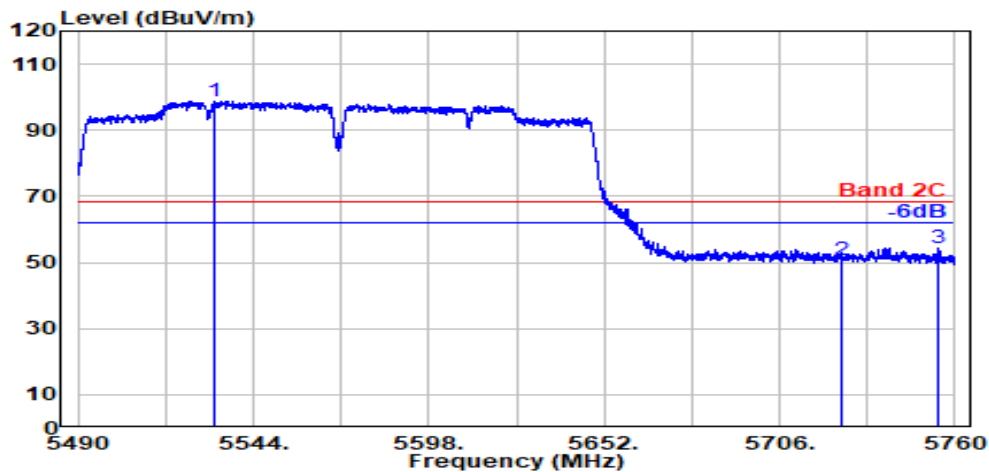
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5522.700	34.05	8.74	39.15	87.67	91.30	---	---	Peak
5725.000	33.60	8.93	39.20	43.99	47.32	68.20	20.88	Peak
5740.800	33.60	8.94	39.20	48.23	51.57	68.20	16.63	Peak



Antenna at Vertical Polarization

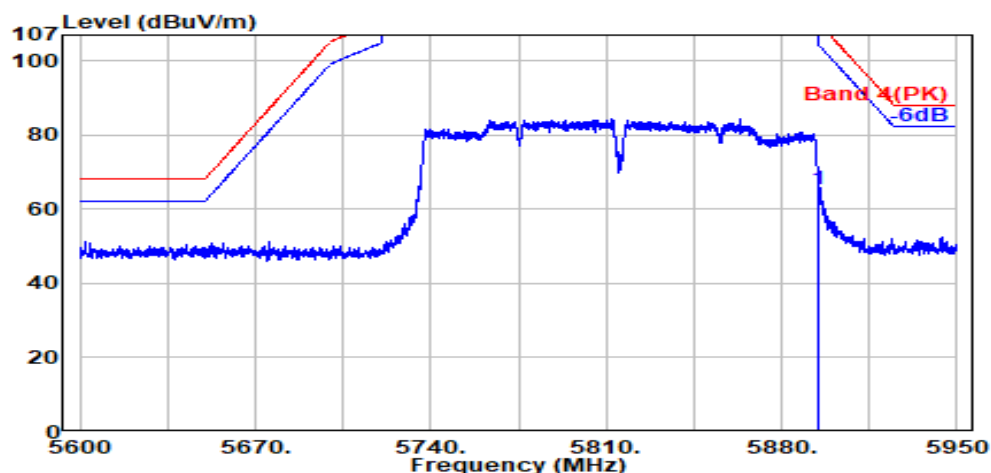
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5532.100	34.04	8.75	39.16	95.27	98.90	---	---	Peak
5725.000	33.60	8.93	39.20	47.38	50.70	68.20	17.50	Peak
5755.100	33.62	8.95	39.20	50.87	54.24	68.20	13.96	Peak

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

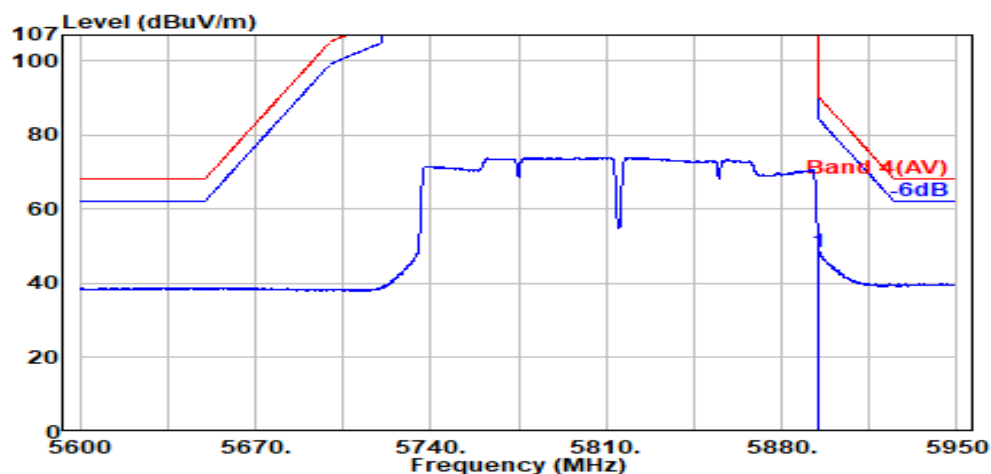
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.050	34.10	8.97	34.35	56.77	65.49	110.16	44.67	Peak



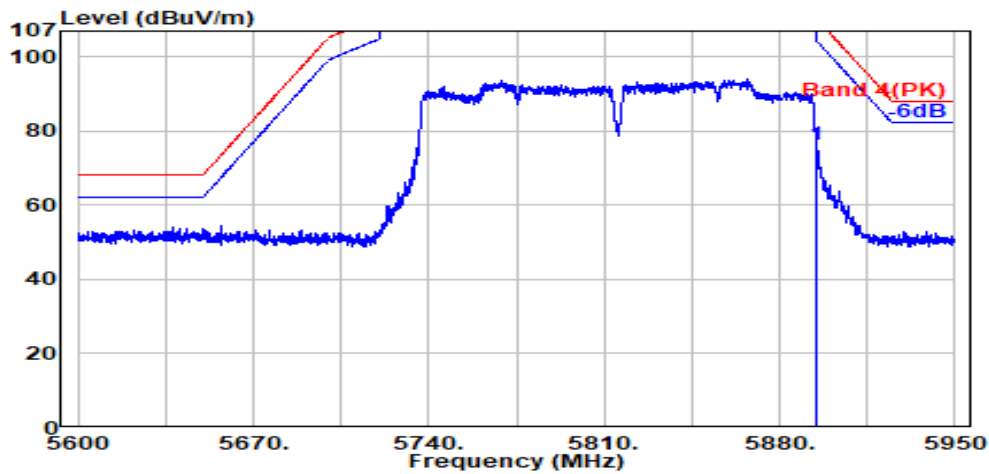
Antenna at Horizontal Polarization

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
5895.050	34.10	8.97	34.35	39.72	48.44	90.16	41.72	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

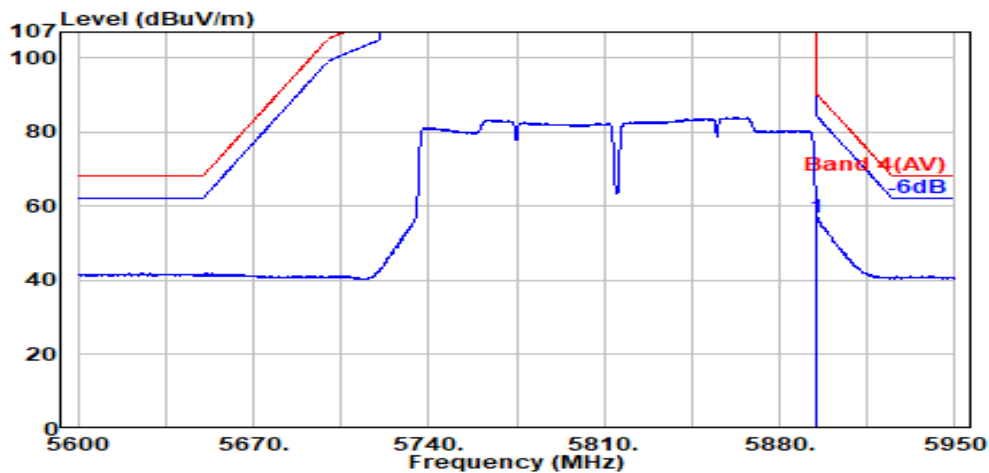
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.050	34.10	8.97	34.35	67.49	76.22	110.16	33.95	Peak



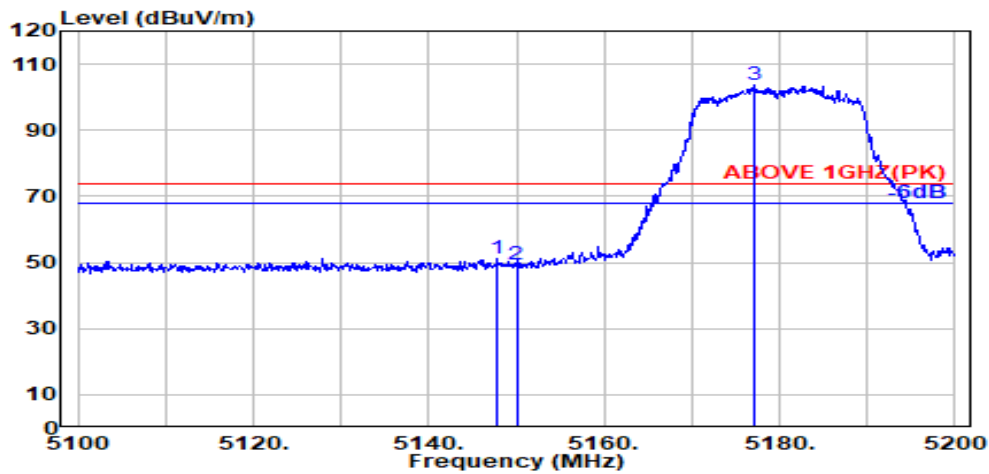
Antenna at Vertical Polarization

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
5895.050	34.10	8.97	34.35	48.28	57.00	110.16	33.95	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

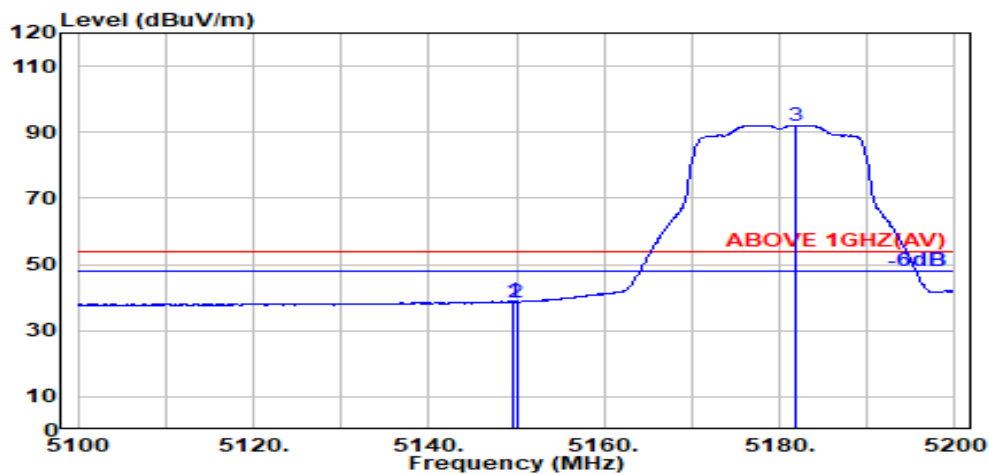
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5147.900	33.50	8.37	39.19	48.35	51.03	74.00	22.97	Peak
5150.000	33.50	8.37	39.19	46.46	49.14	74.00	24.86	Peak
@ 5177.100	33.66	8.40	39.19	100.92	103.79	---	---	Peak



Antenna at Horizontal Polarization

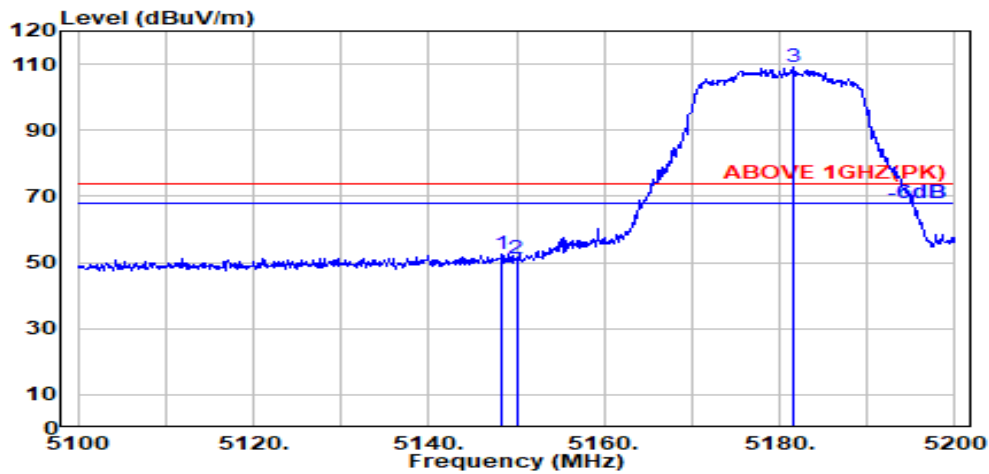
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5149.600	33.50	8.37	39.19	36.10	38.78	54.00	15.22	Average
5150.000	33.50	8.37	39.19	35.97	38.65	54.00	15.35	Average
@ 5181.800	33.69	8.41	39.19	89.17	92.08	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

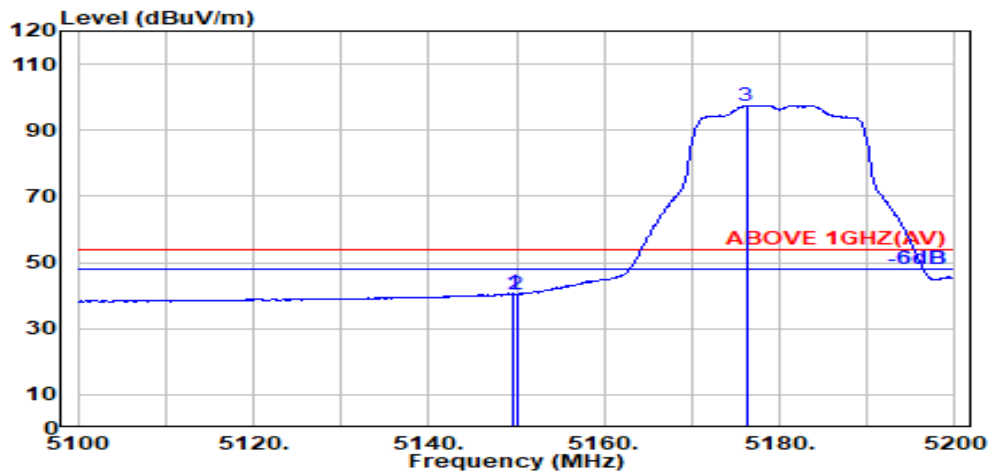
Tel: +886 2 26099301
Fax: +886 2 26099303

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5148.300	33.50	8.37	39.19	49.86	52.54	74.00	21.46	Peak
5150.000	33.50	8.37	39.19	48.56	51.24	74.00	22.76	Peak
@ 5181.600	33.69	8.41	39.19	106.08	108.98	---	---	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
5149.600	33.50	8.37	39.19	37.97	40.65	54.00	13.35	Average
5150.000	33.50	8.37	39.19	37.68	40.36	54.00	13.64	Average
@ 5176.200	33.66	8.40	39.19	94.62	97.49	---	---	Average

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

Audix Technology Corp.

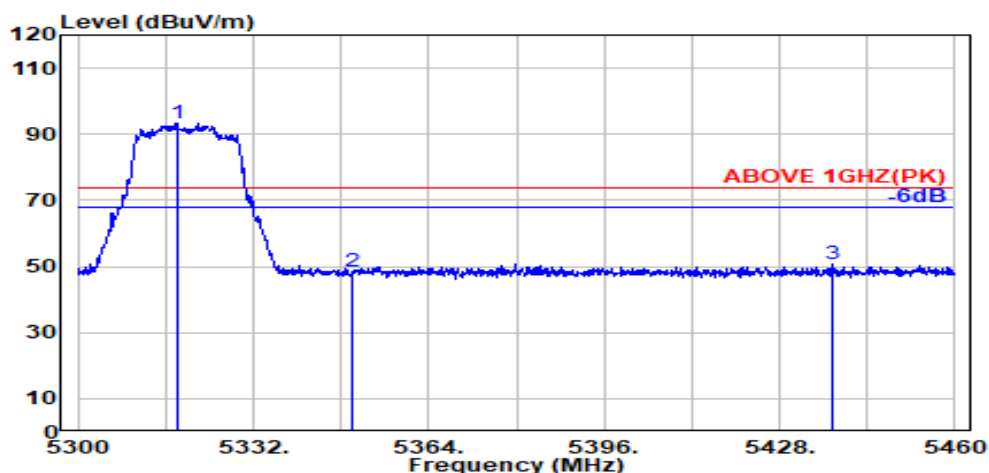
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

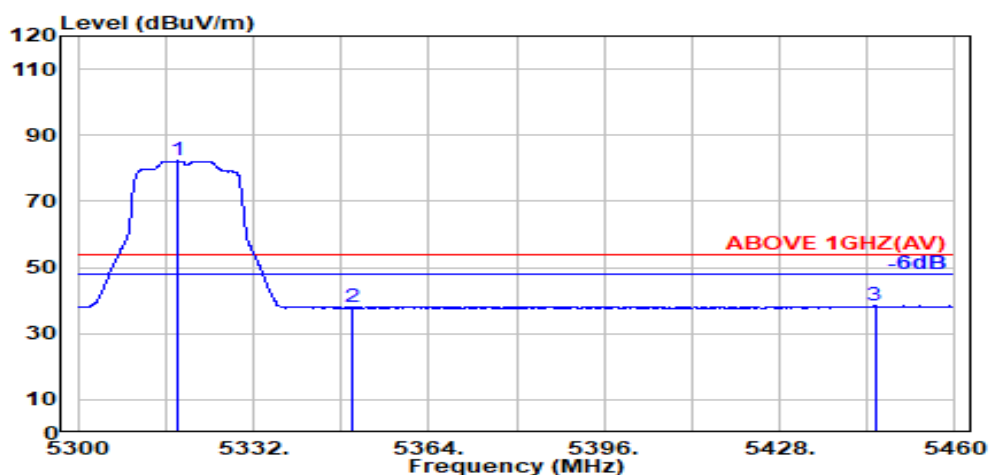
Fax: +886 2 26099303

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
@ 5318.100	33.76	8.54	39.17	90.16	93.29	---	---	Peak
5350.000	33.70	8.57	39.17	45.57	48.67	74.00	25.33	Peak
5437.600	33.98	8.66	39.16	47.27	50.74	74.00	23.26	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
@ 5318.200	33.76	8.54	39.17	79.12	82.25	---	---	Average
5350.000	33.70	8.57	39.17	34.72	37.83	54.00	16.17	Average
5445.400	33.99	8.66	39.16	34.90	38.40	54.00	15.60	Average

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

Audix Technology Corp.

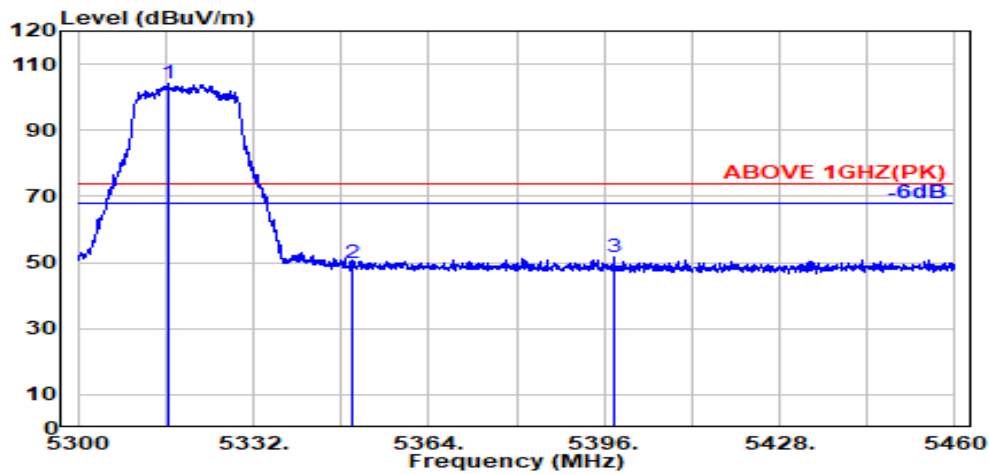
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

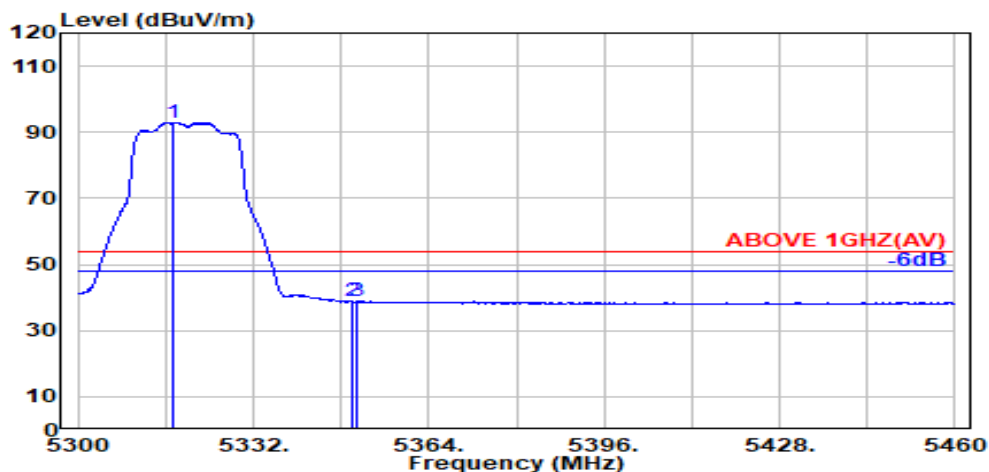
Fax: +886 2 26099303

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
@ 5316.600	33.77	8.54	39.17	101.09	104.22	---	---	Peak
5350.000	33.70	8.57	39.17	46.74	49.85	74.00	24.15	Peak
5397.900	33.89	8.62	39.16	48.09	51.44	74.00	22.56	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
@ 5317.300	33.77	8.54	39.17	89.86	93.00	---	---	Average
5350.000	33.70	8.57	39.17	35.77	38.87	54.00	15.13	Average
5350.900	33.70	8.57	39.17	35.80	38.91	54.00	15.09	Average

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

Audix Technology Corp.

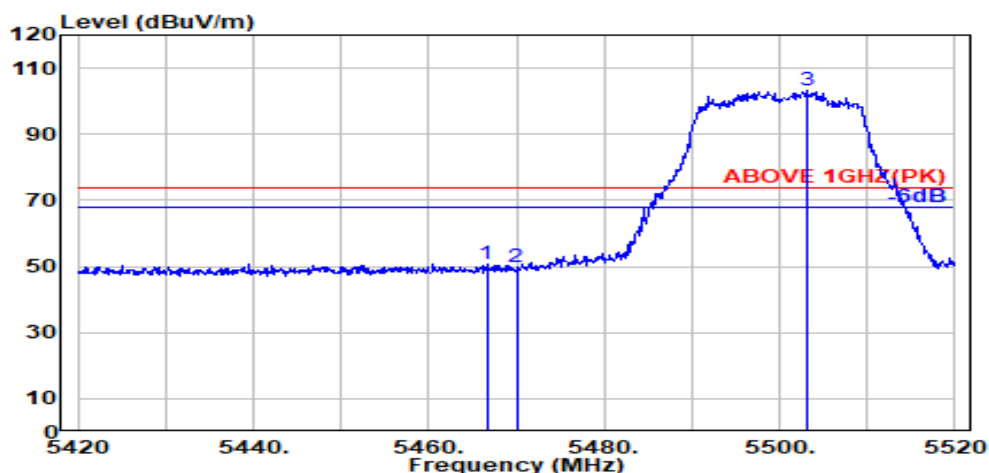
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

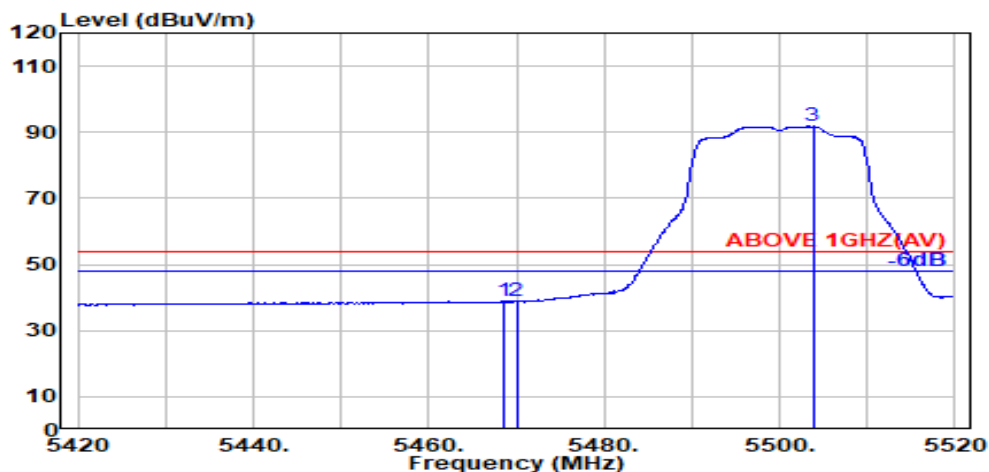
Fax: +886 2 26099303

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
5466.600	34.03	8.68	39.15	47.17	50.73	74.00	23.27	Peak
5470.000	34.04	8.69	39.15	46.02	49.60	74.00	24.40	Peak
@ 5503.100	34.09	8.72	39.15	99.75	103.41	---	---	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
5468.600	34.04	8.69	39.15	35.23	38.80	54.00	15.20	Average
5470.000	34.04	8.69	39.15	35.21	38.79	54.00	15.21	Average
@ 5503.800	34.09	8.72	39.15	88.08	91.74	---	---	Average

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

Audix Technology Corp.

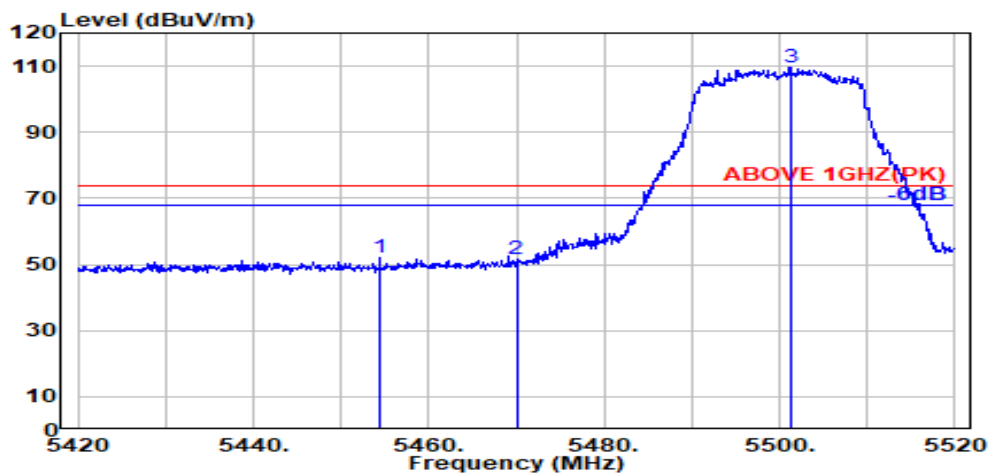
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

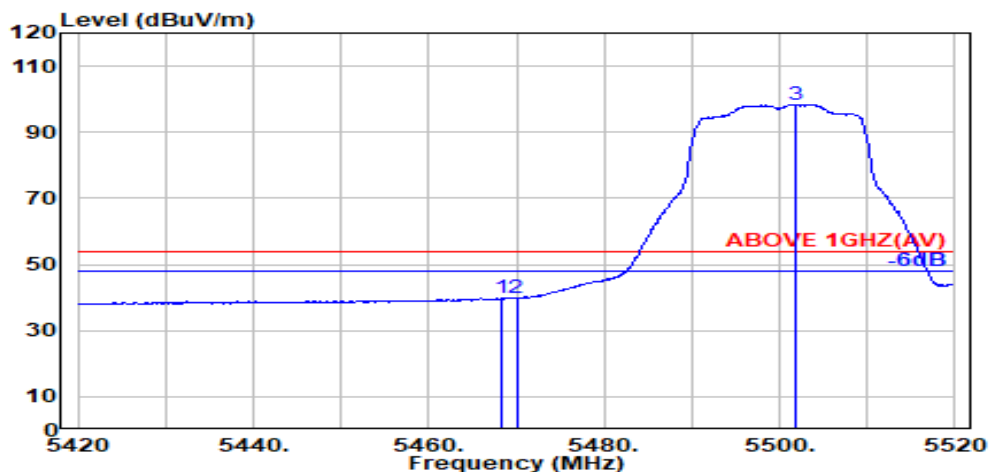
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5454.400	34.01	8.67	39.16	48.39	51.92	74.00	22.08	Peak
5470.000	34.04	8.69	39.15	48.25	51.83	74.00	22.17	Peak
@ 5501.200	34.10	8.72	39.15	105.95	109.61	---	---	Peak



Antenna at Vertical Polarization

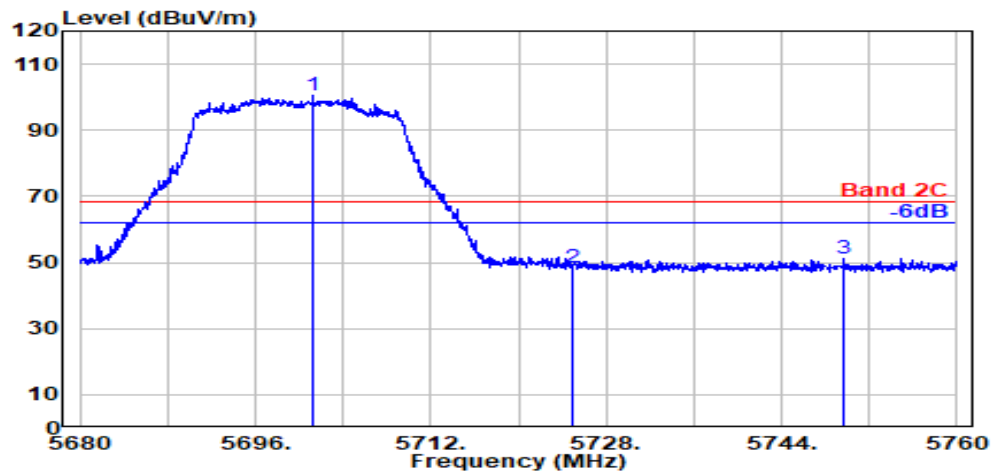
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.200	34.04	8.69	39.15	36.24	39.81	54.00	14.19	Average
5470.000	34.04	8.69	39.15	36.16	39.73	54.00	14.27	Average
@ 5501.800	34.10	8.72	39.15	94.65	98.31	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

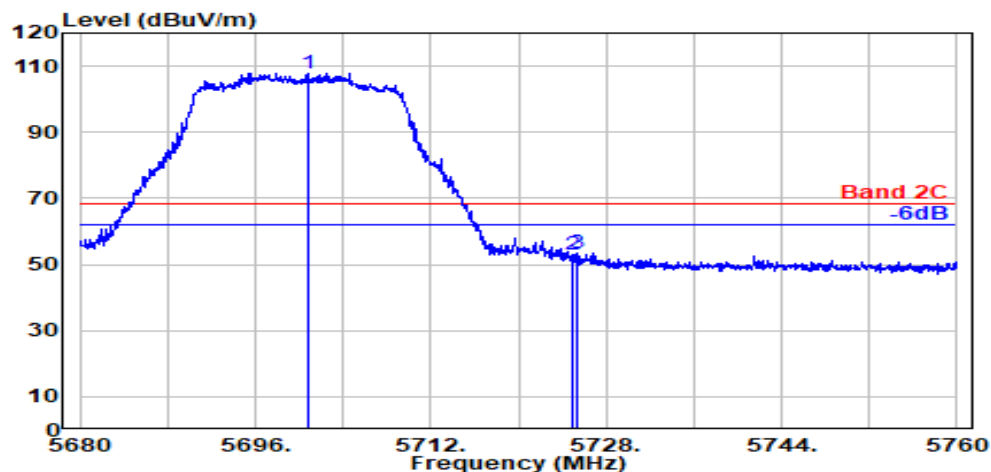
Tel: +886 2 26099301
Fax: +886 2 26099303

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 5701.250	33.60	8.90	39.19	97.18	100.50	---	---	Peak
5725.000	33.60	8.93	39.20	44.99	48.32	68.20	19.88	Peak
5749.650	33.60	8.95	39.20	47.80	51.15	68.20	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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 5700.850	33.60	8.90	39.19	104.60	107.91	---	---	Peak
5725.000	33.60	8.93	39.20	49.43	52.76	68.20	15.44	Peak
5725.400	33.60	8.93	39.20	49.98	53.31	68.20	14.89	Peak

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

Audix Technology Corp.

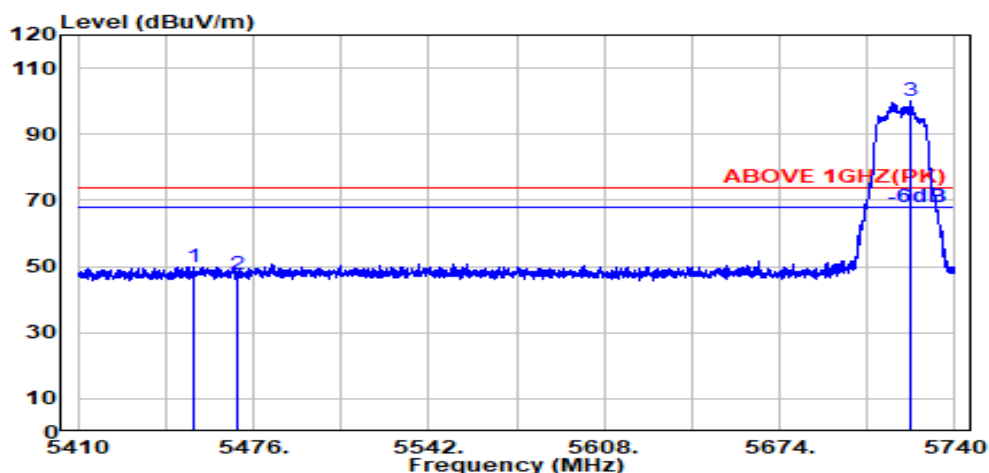
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

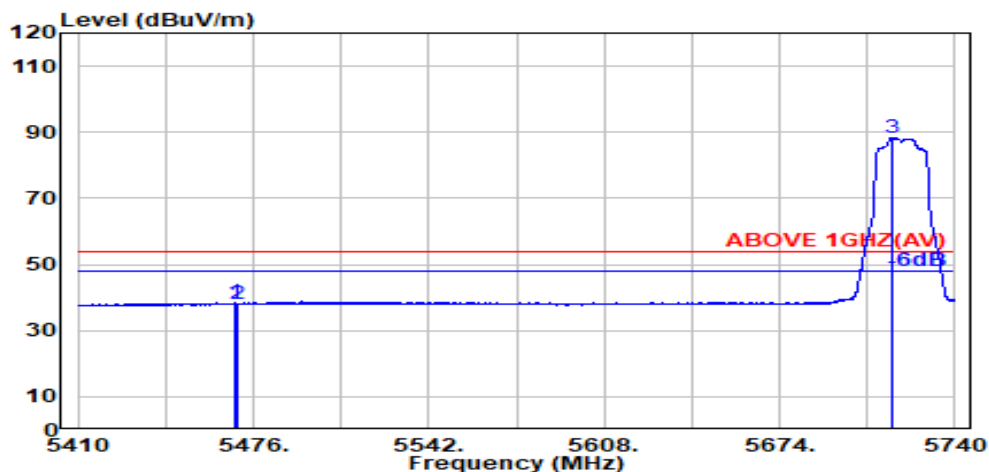
Fax: +886 2 26099303

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
5453.400	34.01	8.67	39.16	46.48	50.00	74.00	24.00	Peak
5470.000	34.04	8.69	39.15	44.12	47.70	74.00	26.30	Peak
@ 5723.400	33.60	8.92	39.20	96.60	99.93	---	---	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
5468.800	34.04	8.69	39.15	34.94	38.51	54.00	15.49	Average
5470.000	34.04	8.69	39.15	34.64	38.21	54.00	15.79	Average
@ 5716.100	33.60	8.92	39.19	85.04	88.37	---	---	Average

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

Audix Technology Corp.

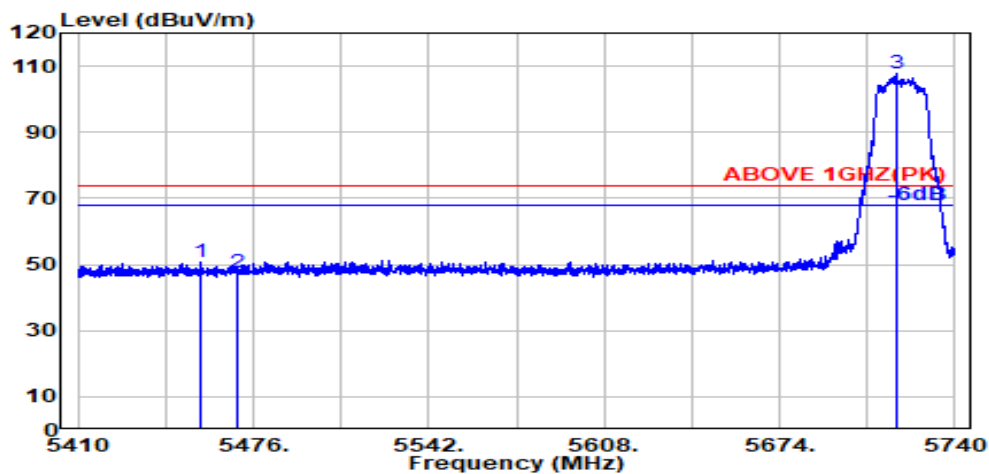
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

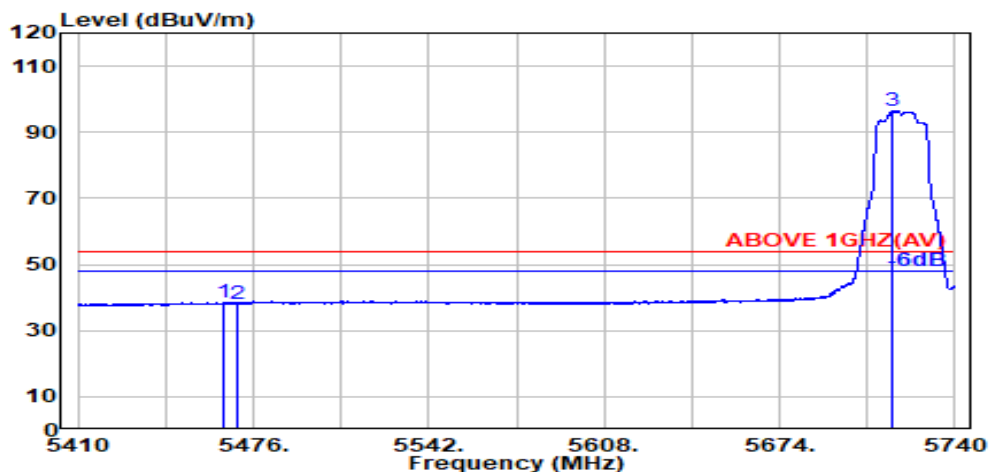
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5456.300	34.01	8.68	39.16	47.05	50.58	74.00	23.42	Peak
5470.000	34.04	8.69	39.15	44.14	47.71	74.00	26.29	Peak
@ 5718.000	33.60	8.92	39.19	104.43	107.75	---	---	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
5465.200	34.03	8.68	39.15	35.00	38.56	54.00	15.44	Average
5470.000	34.04	8.69	39.15	34.56	38.13	54.00	15.87	Average
@ 5716.600	33.60	8.92	39.19	93.01	96.34	---	---	Average

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

Audix Technology Corp.

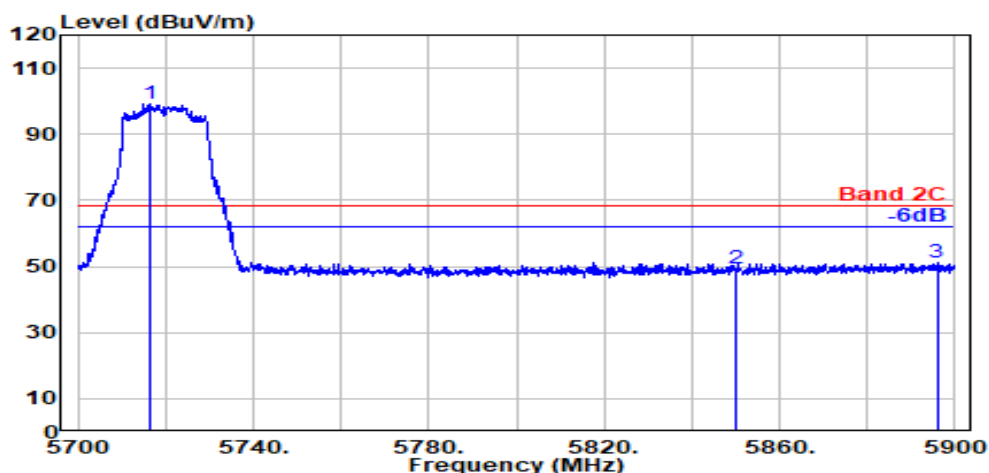
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

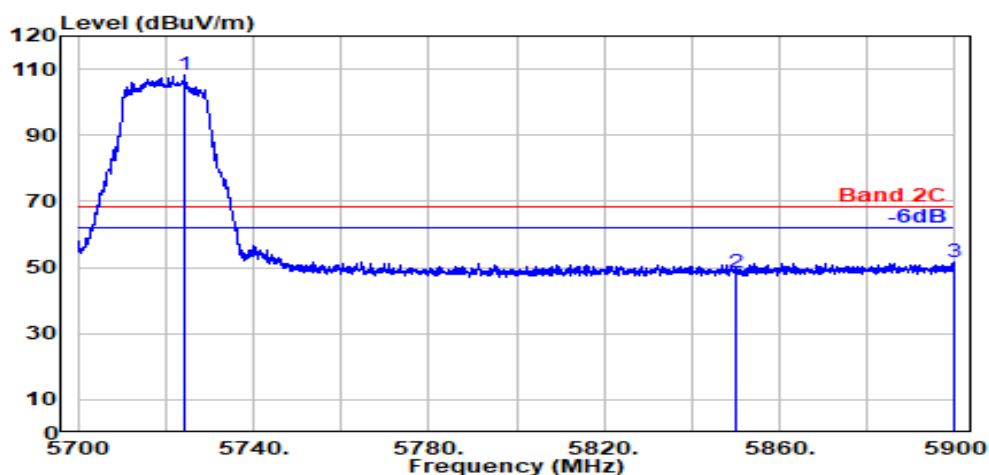
Fax: +886 2 26099303

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
@ 5716.200	33.60	8.92	39.19	96.07	99.39	---	---	Peak
5850.000	33.90	9.04	39.22	45.48	49.20	68.20	19.00	Peak
5895.900	34.08	9.08	39.23	47.33	51.26	68.20	16.94	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
@ 5724.500	33.60	8.93	39.20	105.08	108.41	---	---	Peak
5850.000	33.90	9.04	39.22	44.73	48.45	68.20	19.75	Peak
5899.600	34.10	9.08	39.23	47.72	51.67	68.20	16.53	Peak

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

Audix Technology Corp.

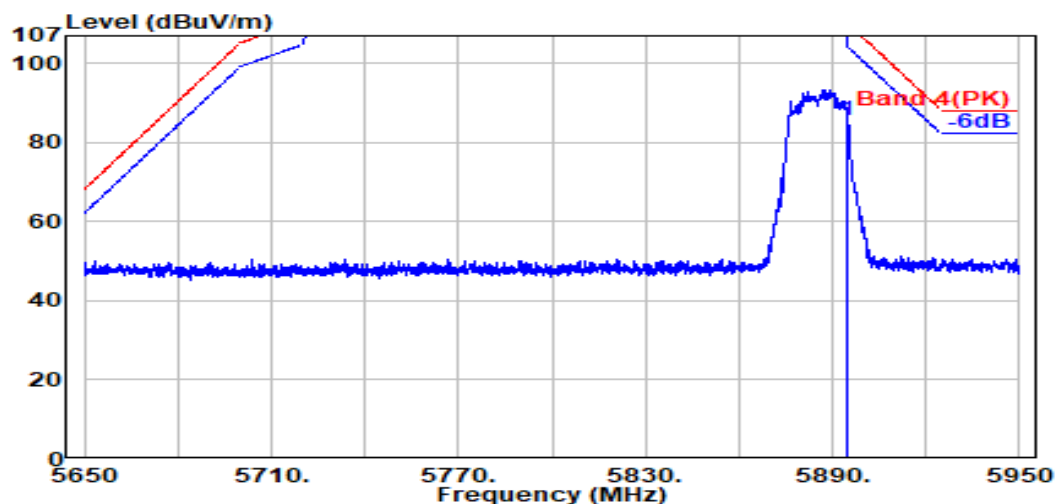
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

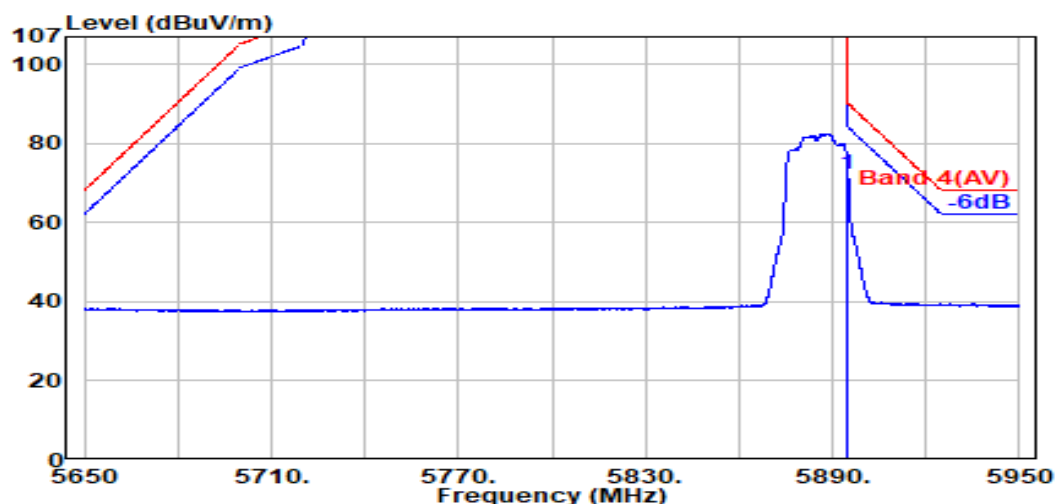
Fax: +886 2 26099303

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	34.10	8.97	34.35	76.70	85.42	110.20	24.78	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
5895.000	34.10	8.97	34.35	63.40	72.12	90.20	18.08	Average

Audix Technology Corp.

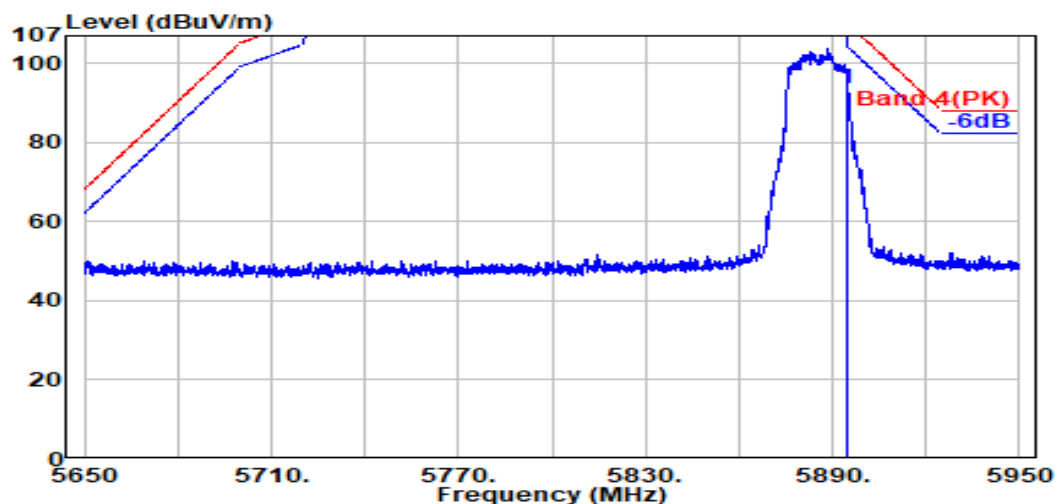
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

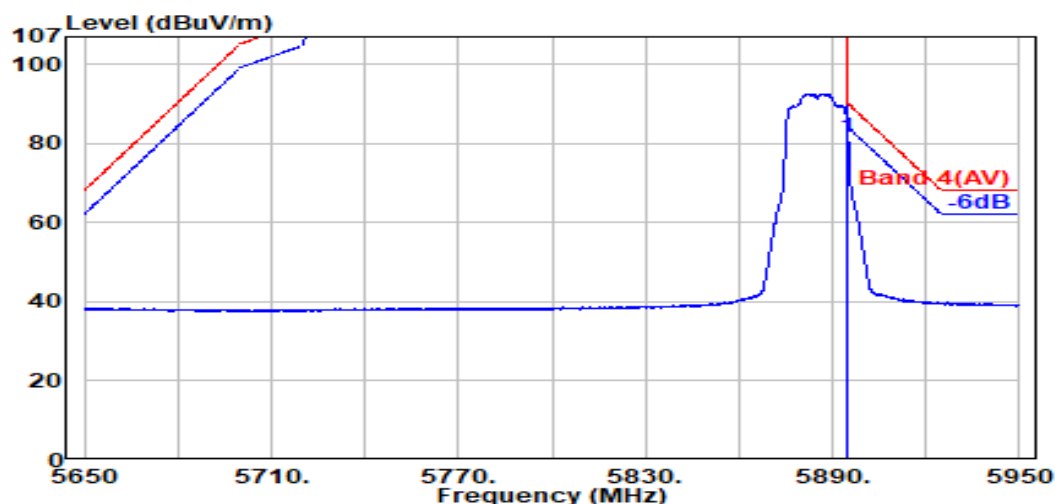
Fax: +886 2 26099303

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	34.10	8.97	34.35	85.02	93.74	110.20	16.46	Peak



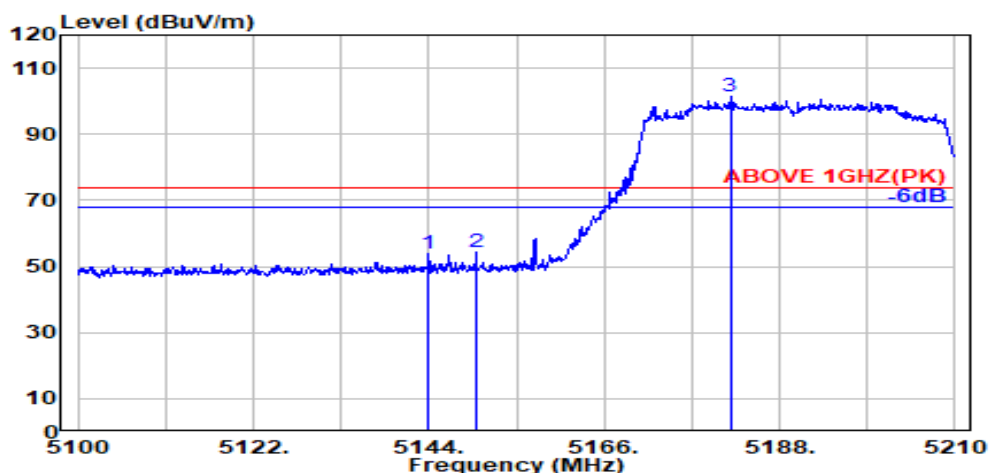
Antenna at Vertical Polarization

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	34.10	8.97	34.35	72.85	81.57	90.20	8.63	Average

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

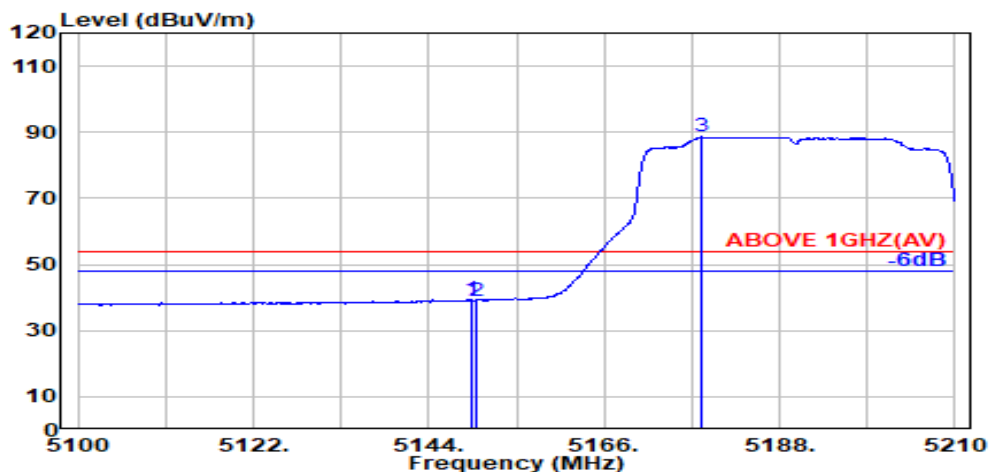
Tel: +886 2 26099301
Fax: +886 2 26099303

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
5144.000	33.49	8.37	39.19	51.01	53.67	74.00	20.33	Peak
5150.000	33.50	8.37	39.19	51.71	54.39	74.00	19.61	Peak
@ 5181.800	33.69	8.41	39.19	98.35	101.26	---	---	Peak



Antenna at Horizontal Polarization

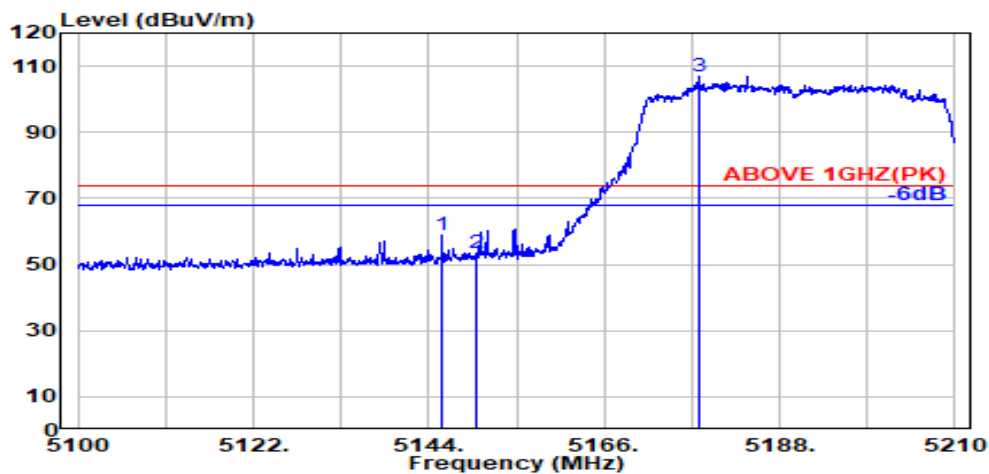
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.300	33.50	8.37	39.19	36.66	39.34	54.00	14.66	Average
5150.000	33.50	8.37	39.19	36.37	39.05	54.00	14.95	Average
@ 5178.100	33.67	8.40	39.19	85.68	88.57	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

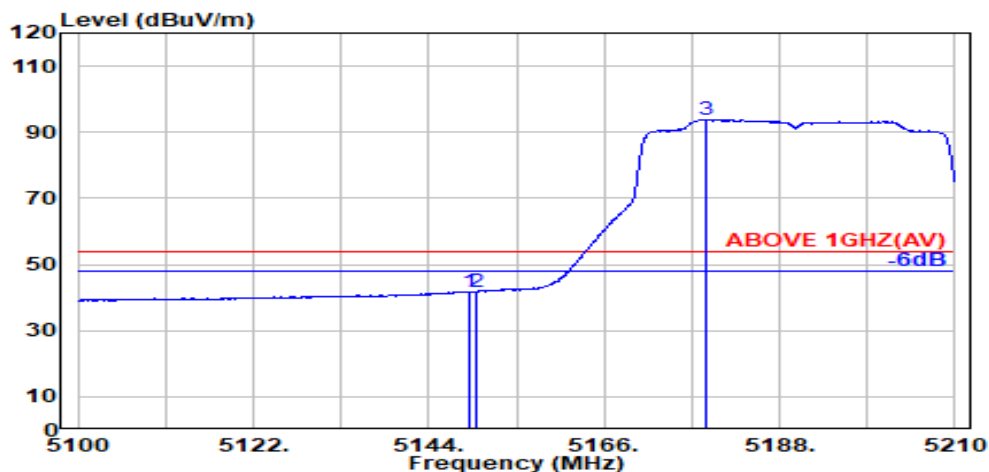
Tel: +886 2 26099301
Fax: +886 2 26099303

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
5145.600	33.49	8.37	39.19	56.39	59.06	74.00	14.94	Peak
5150.000	33.50	8.37	39.19	50.90	53.58	74.00	20.42	Peak
@ 5177.800	33.67	8.40	39.19	103.93	106.81	---	---	Peak



Antenna at Vertical Polarization

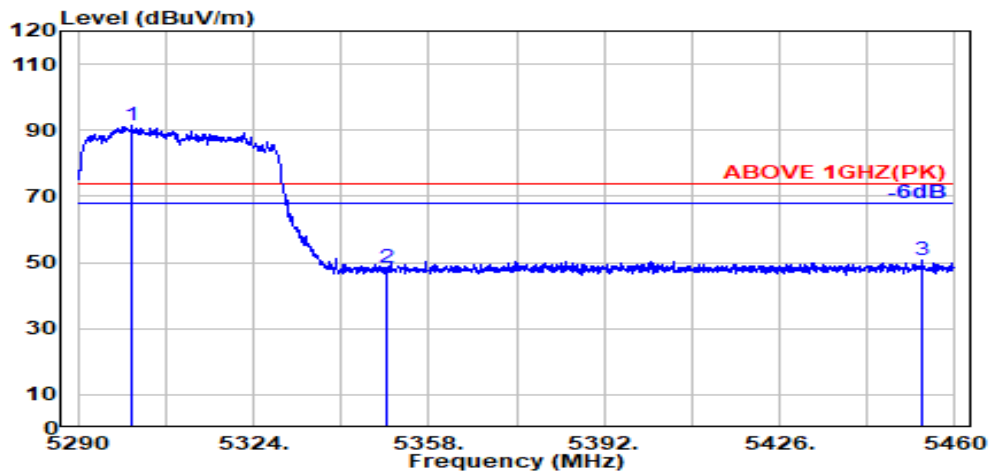
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.000	33.50	8.37	39.19	39.12	41.80	54.00	12.20	Average
5150.000	33.50	8.37	39.19	39.05	41.73	54.00	12.27	Average
@ 5178.900	33.67	8.40	39.19	90.92	93.81	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

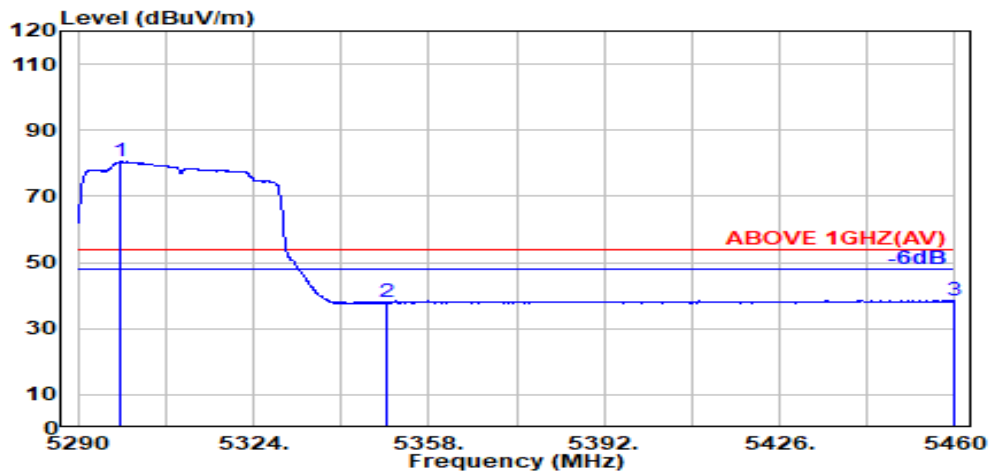
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5300.400	33.80	8.52	39.17	88.37	91.52	---	---	Peak
5350.000	33.70	8.57	39.17	45.17	48.27	74.00	25.73	Peak
5453.600	34.01	8.67	39.16	47.21	50.73	74.00	23.27	Peak



Antenna at Horizontal Polarization

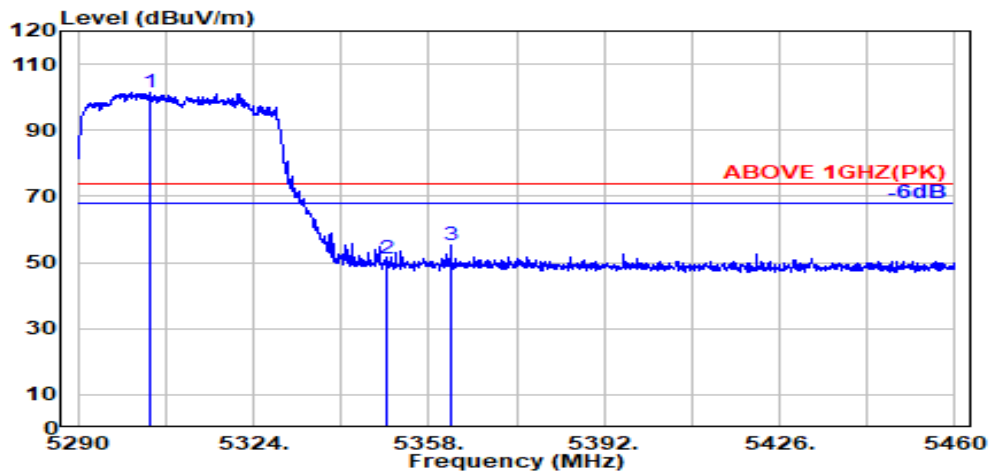
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5298.100	33.80	8.52	39.17	77.40	80.54	---	---	Average
5350.000	33.70	8.57	39.17	34.76	37.87	54.00	16.13	Average
5459.900	34.02	8.68	39.15	34.89	38.44	54.00	15.56	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

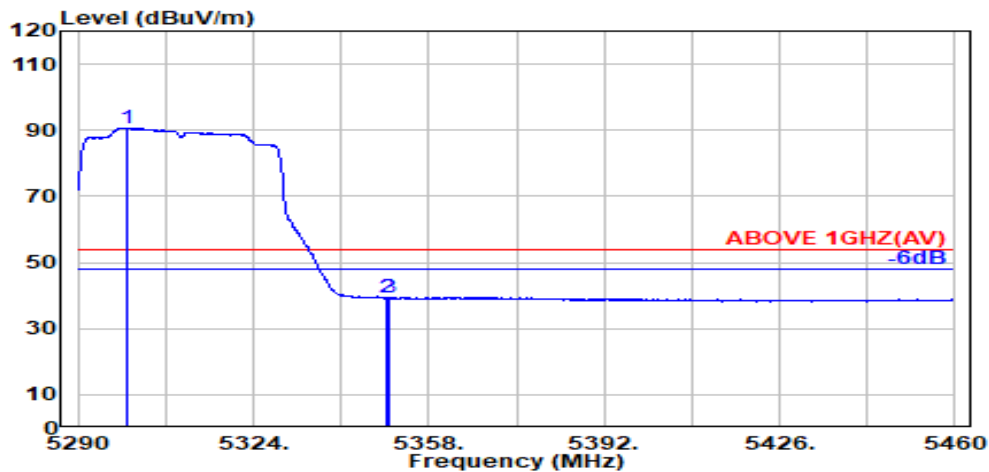
Tel: +886 2 26099301
Fax: +886 2 26099303

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 5304.100	33.79	8.53	39.17	98.33	101.47	---	---	Peak
5350.000	33.70	8.57	39.17	48.07	51.18	74.00	22.82	Peak
5362.200	33.75	8.58	39.17	51.92	55.08	74.00	18.92	Peak



Antenna at Vertical Polarization

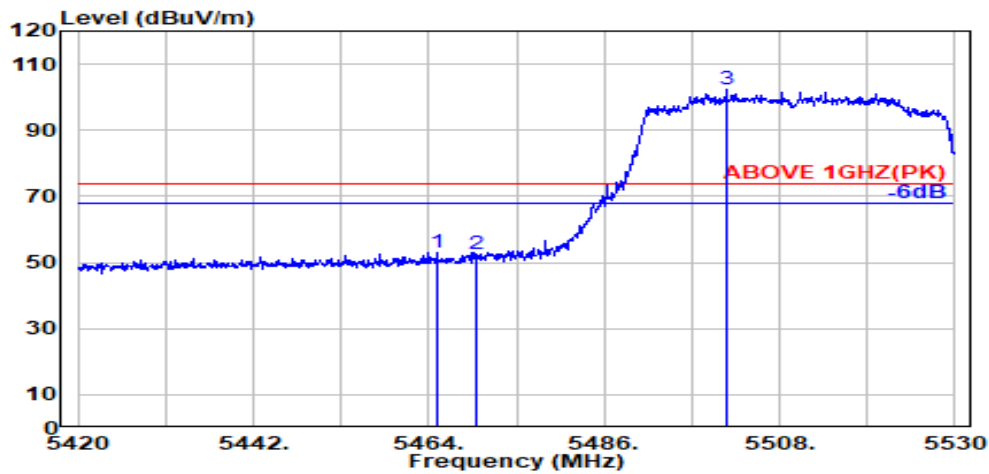
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@ 5299.400	33.80	8.52	39.17	87.52	90.67	---	---	Average
5350.000	33.70	8.57	39.17	36.38	39.49	54.00	14.51	Average
5350.500	33.70	8.57	39.17	36.36	39.47	54.00	14.53	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

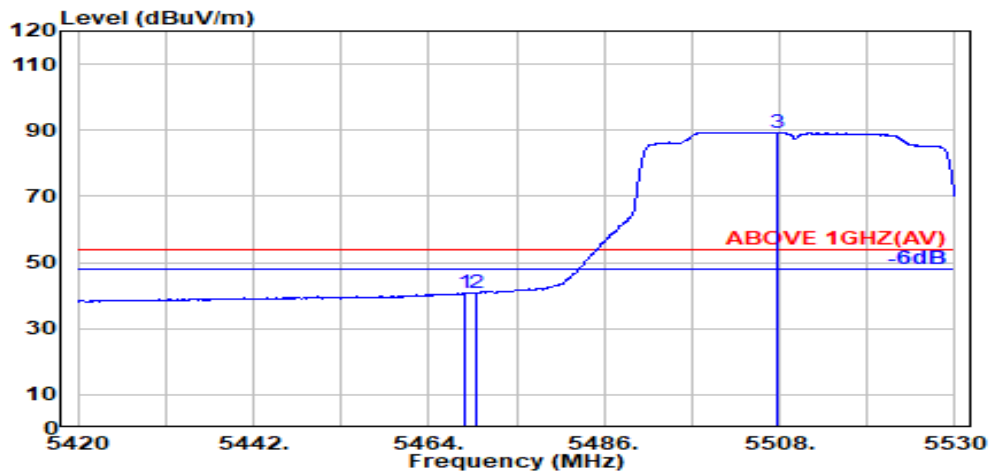
Tel: +886 2 26099301
Fax: +886 2 26099303

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 (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5465.100	34.03	8.68	39.15	49.34	52.90	74.00	21.10	Peak
5470.000	34.04	8.69	39.15	48.82	52.40	74.00	21.60	Peak
@ 5501.400	34.10	8.72	39.15	98.67	102.33	---	---	Peak



Antenna at Horizontal Polarization

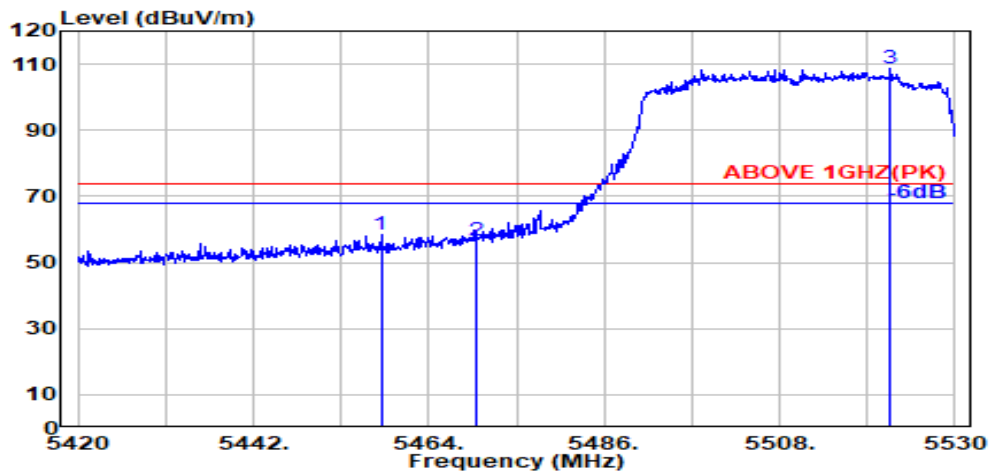
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5468.500	34.04	8.69	39.15	37.14	40.71	54.00	13.29	Average
5470.000	34.04	8.69	39.15	37.19	40.77	54.00	13.23	Average
@ 5507.800	34.08	8.72	39.15	85.71	89.37	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

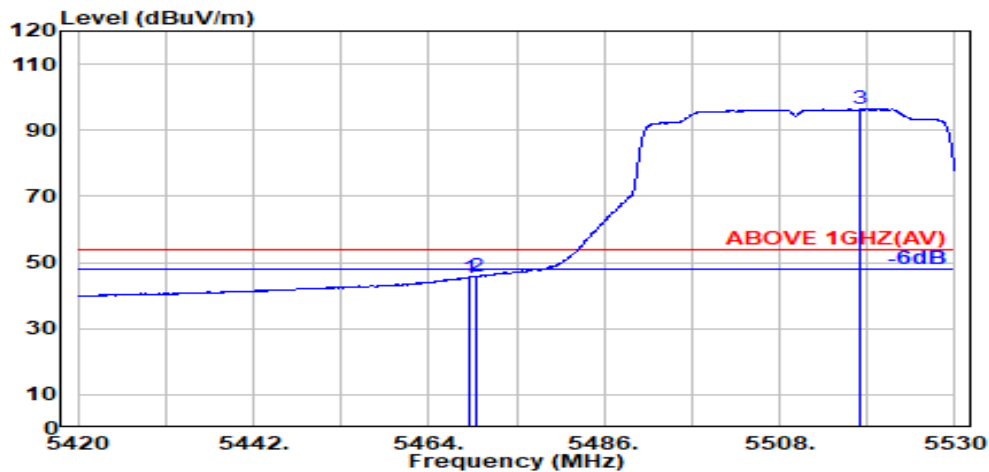
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.000	34.02	8.68	39.15	55.01	58.55	74.00	15.45	Peak
5470.000	34.04	8.69	39.15	53.19	56.76	74.00	17.24	Peak
@ 5521.800	34.06	8.74	39.15	105.09	108.73	---	---	Peak



Antenna at Vertical Polarization

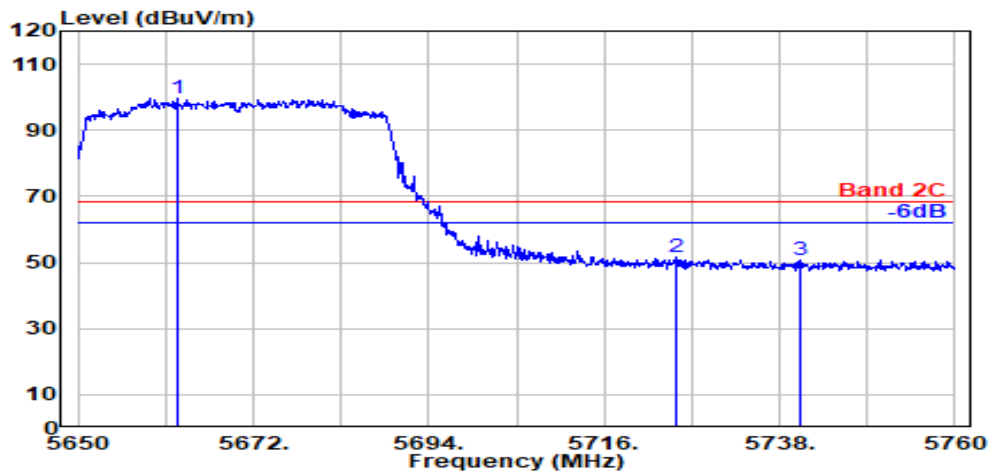
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.000	34.04	8.69	39.15	41.89	45.46	54.00	8.54	Average
5470.000	34.04	8.69	39.15	42.21	45.79	54.00	8.21	Average
@ 5518.100	34.06	8.73	39.15	92.74	96.38	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

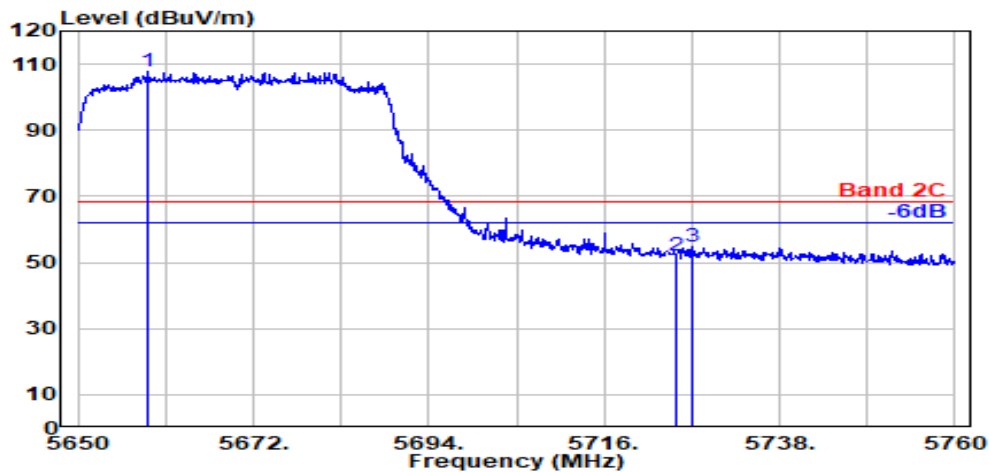
Tel: +886 2 26099301
Fax: +886 2 26099303

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
@ 5662.500	33.75	8.87	39.18	96.35	99.79	---	---	Peak
5725.000	33.60	8.93	39.20	48.20	51.53	68.20	16.67	Peak
5740.700	33.60	8.94	39.20	47.50	50.84	68.20	17.36	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
@ 5658.700	33.77	8.86	39.18	104.45	107.90	---	---	Peak
5725.000	33.60	8.93	39.20	48.76	52.09	68.20	16.11	Peak
5727.000	33.60	8.93	39.20	51.66	54.99	68.20	13.21	Peak

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

Audix Technology Corp.

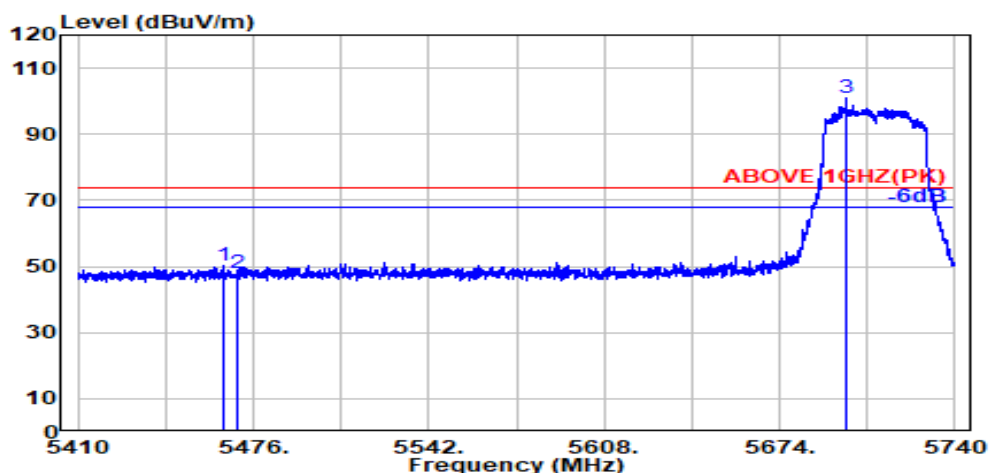
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

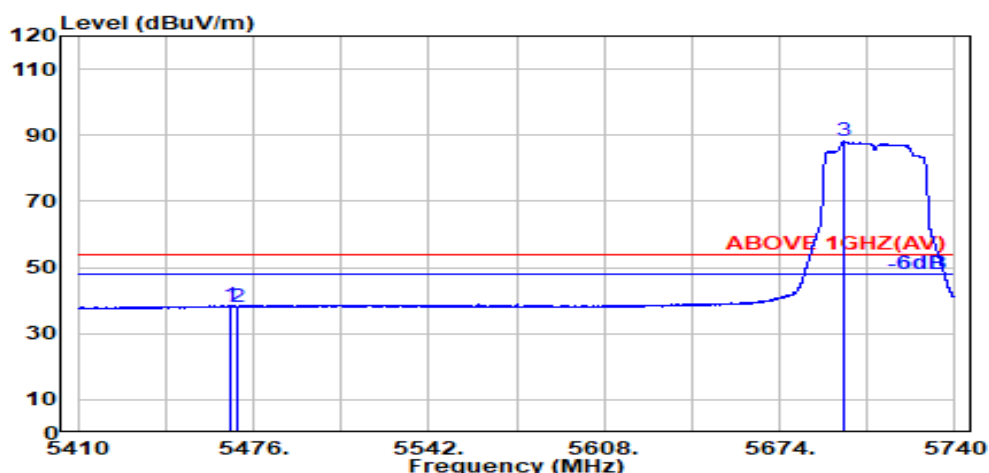
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5464.600	34.03	8.68	39.15	46.56	50.12	74.00	23.88	Peak
5470.000	34.04	8.69	39.15	44.52	48.09	74.00	25.91	Peak
@ 5698.900	33.60	8.90	39.19	97.46	100.77	---	---	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
5467.400	34.03	8.69	39.15	34.99	38.56	54.00	15.44	Average
5470.000	34.04	8.69	39.15	34.41	37.98	54.00	16.02	Average
@ 5698.600	33.61	8.90	39.19	84.81	88.13	---	---	Average

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

Audix Technology Corp.

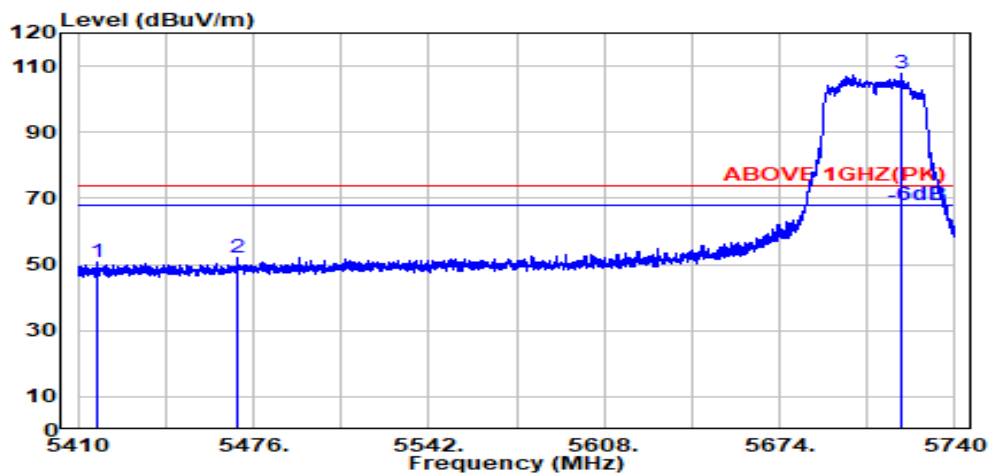
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

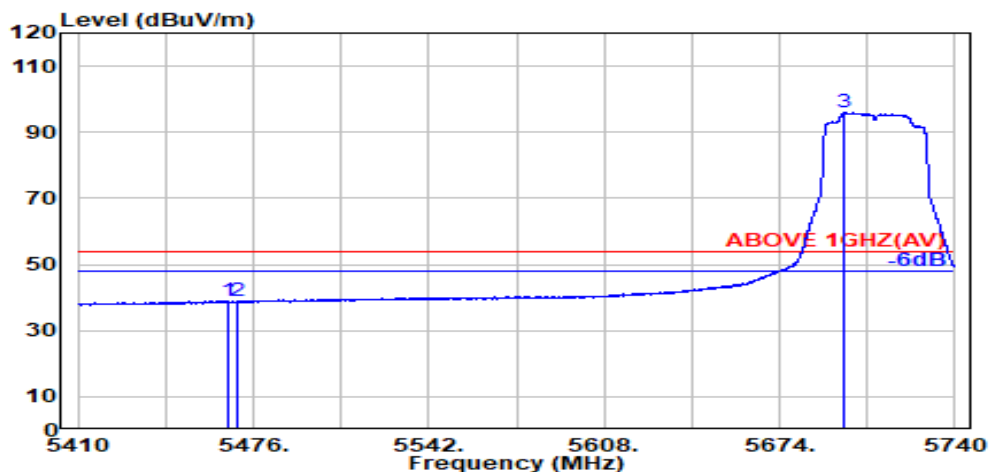
Fax: +886 2 26099303

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
5416.900	33.93	8.64	39.16	47.19	50.60	74.00	23.40	Peak
5470.000	34.04	8.69	39.15	48.30	51.88	74.00	22.12	Peak
@ 5719.500	33.60	8.92	39.19	104.33	107.65	---	---	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
5466.600	34.03	8.68	39.15	35.33	38.89	54.00	15.11	Average
5470.000	34.04	8.69	39.15	35.15	38.73	54.00	15.27	Average
@ 5698.200	33.61	8.90	39.19	92.64	95.95	---	---	Average

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

Audix Technology Corp.

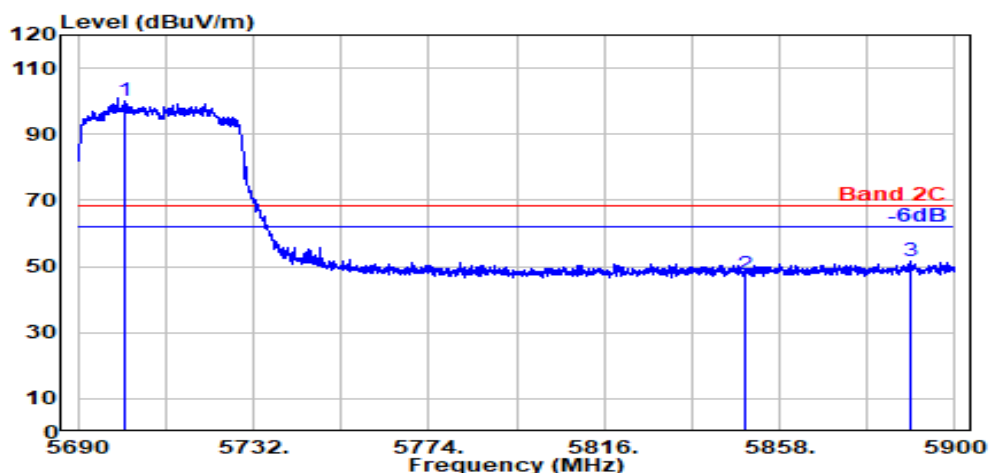
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

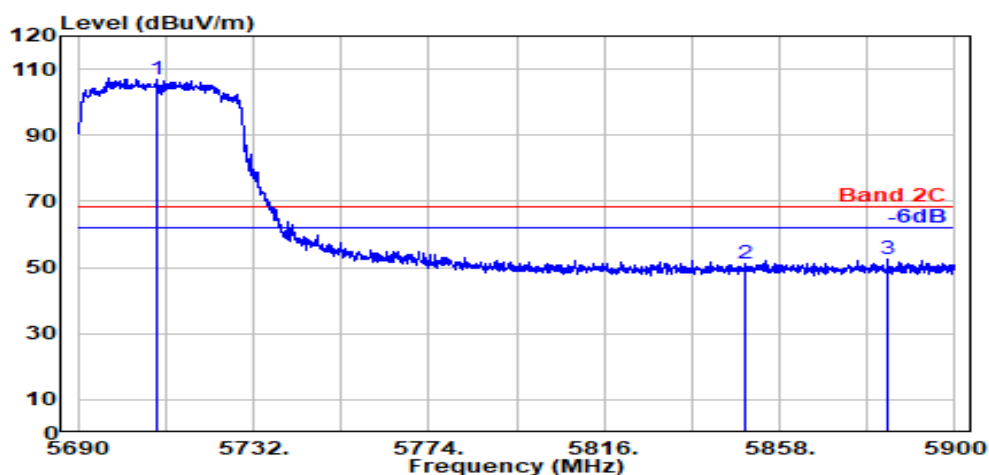
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5701.300	33.60	8.90	39.19	96.91	100.22	---	---	Peak
5850.000	33.90	9.04	39.22	44.00	47.72	68.20	20.48	Peak
5889.200	34.06	9.07	39.23	47.61	51.51	68.20	16.69	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
@ 5708.700	33.60	8.91	39.19	103.70	107.02	---	---	Peak
5850.000	33.90	9.04	39.22	47.43	51.15	68.20	17.05	Peak
5883.700	34.03	9.07	39.23	48.48	52.36	68.20	15.84	Peak

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

Audix Technology Corp.

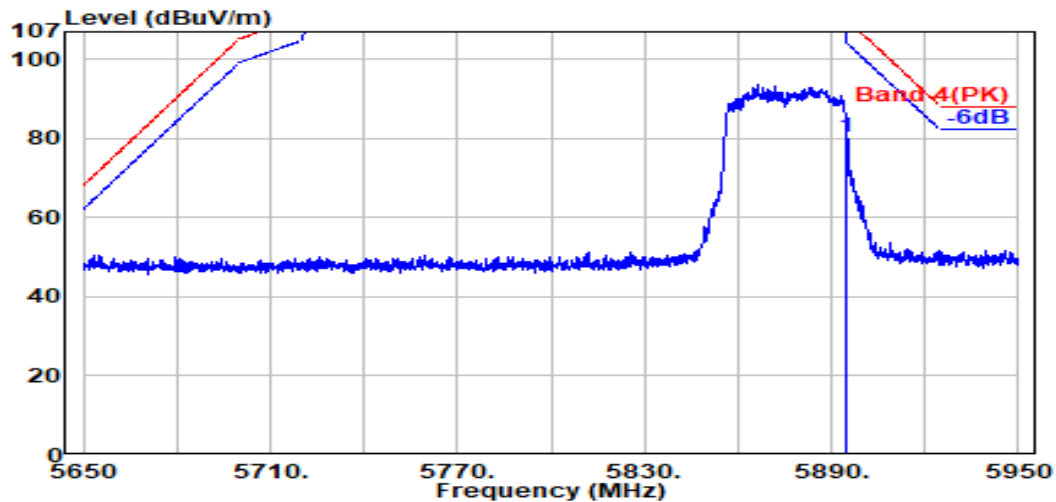
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

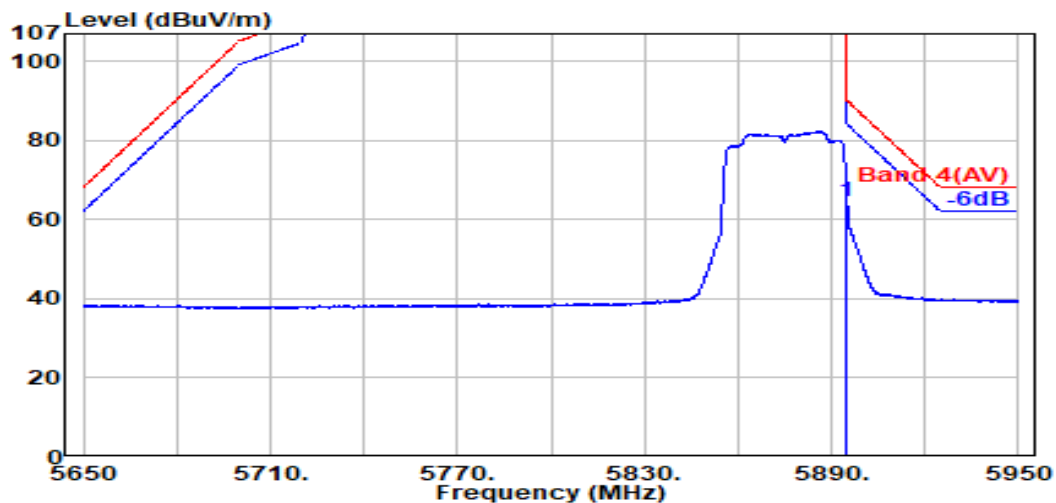
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.000	34.10	8.97	34.35	71.48	80.20	110.20	30.00	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	34.10	8.97	34.35	55.87	64.59	90.20	25.61	Average

Audix Technology Corp.

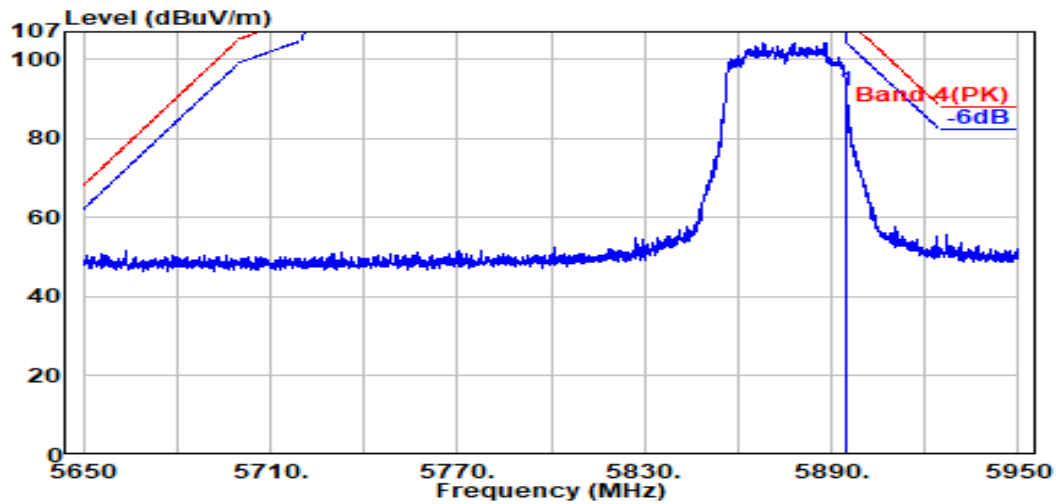
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

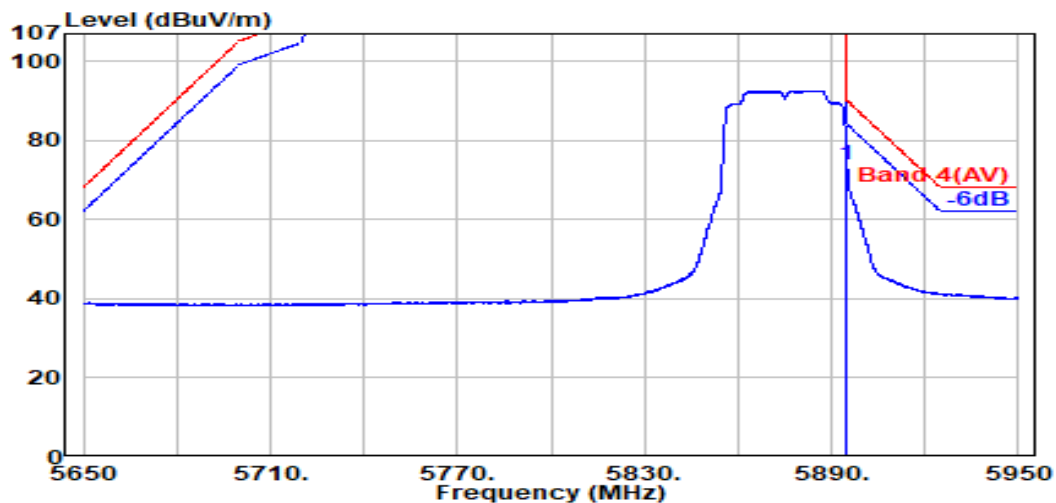
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5895.000	34.10	8.97	34.35	83.18	91.90	110.20	18.30	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	34.10	8.97	34.35	65.08	73.80	90.20	16.40	Average

Audix Technology Corp.

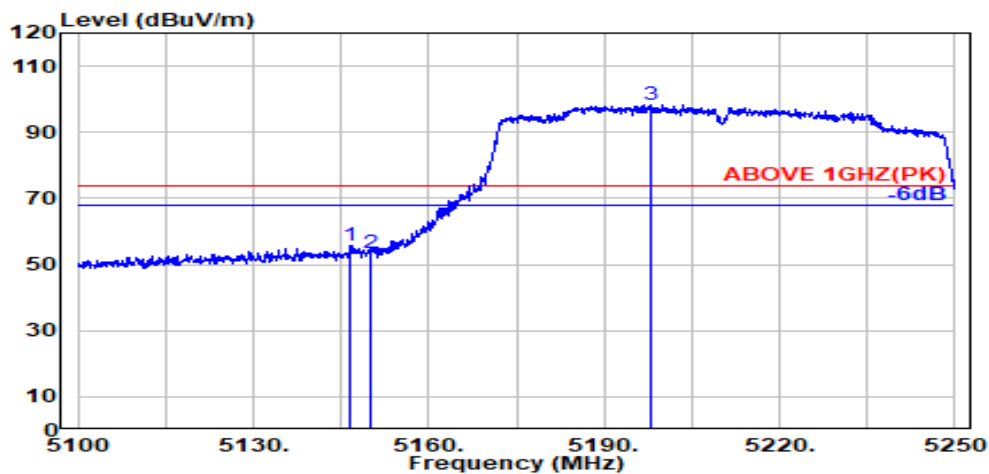
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

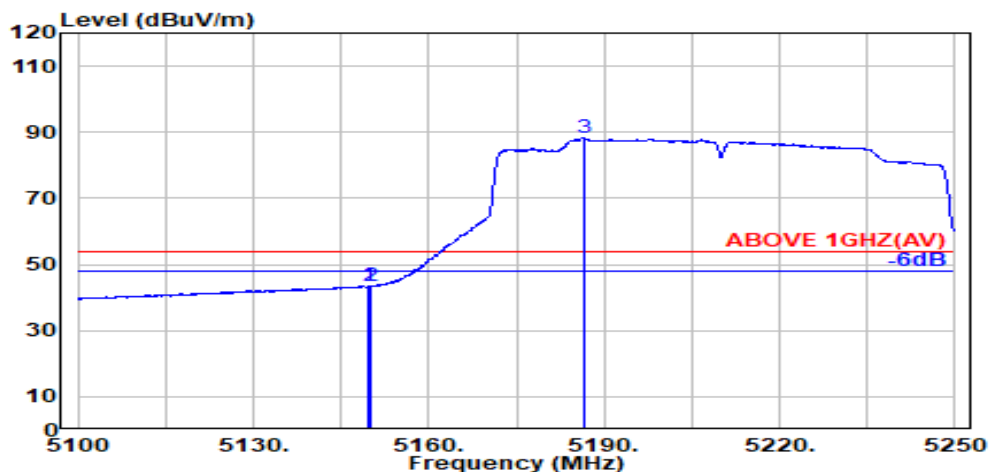
Fax: +886 2 26099303

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)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.600	33.49	8.37	39.19	53.25	55.92	74.00	18.08	Peak
5150.000	33.50	8.37	39.19	50.67	53.36	74.00	20.64	Peak
@ 5198.000	33.79	8.42	39.19	95.41	98.43	---	---	Peak



Antenna at Horizontal Polarization

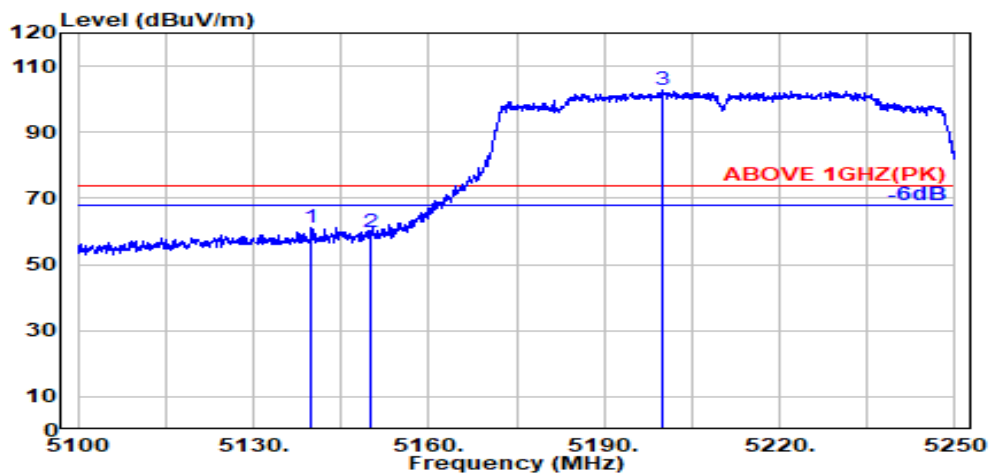
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.600	33.50	8.37	39.19	40.81	43.49	54.00	10.51	Average
5150.000	33.50	8.37	39.19	40.72	43.41	54.00	10.59	Average
@ 5186.500	33.72	8.41	39.19	85.29	88.23	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

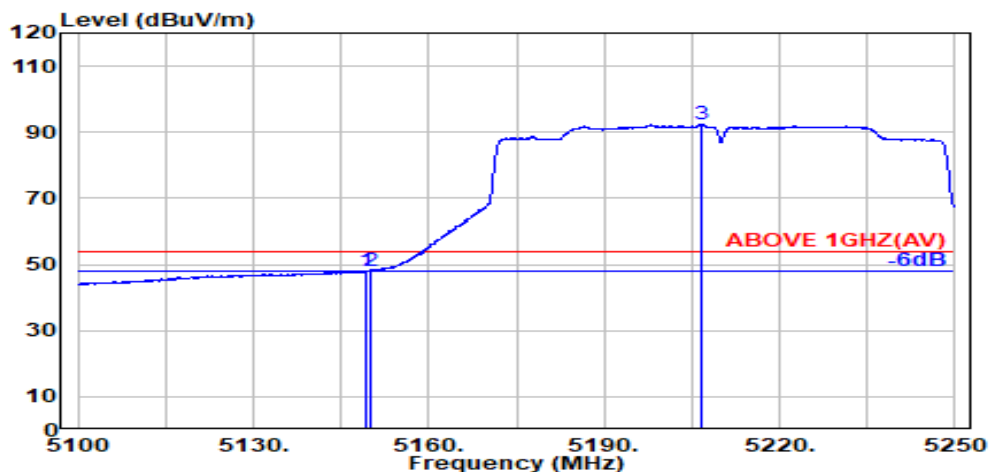
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5139.800	33.48	8.36	39.19	58.59	61.24	74.00	12.76	Peak
5150.000	33.50	8.37	39.19	57.18	59.86	74.00	14.14	Peak
@ 5200.100	33.80	8.42	39.19	99.94	102.98	---	---	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
5149.200	33.50	8.37	39.19	45.40	48.08	54.00	5.92	Average
5150.000	33.50	8.37	39.19	45.51	48.19	54.00	5.81	Average
@ 5206.800	33.79	8.43	39.18	89.32	92.35	---	---	Average

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

Audix Technology Corp.

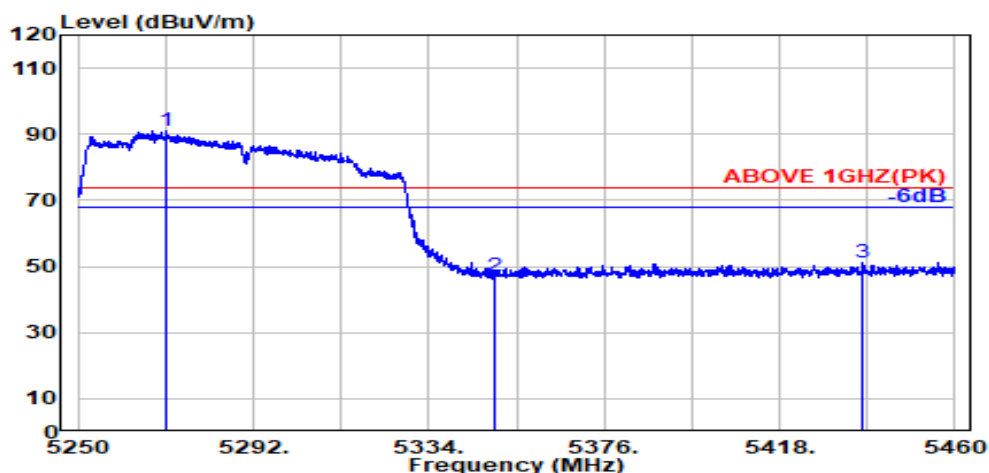
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

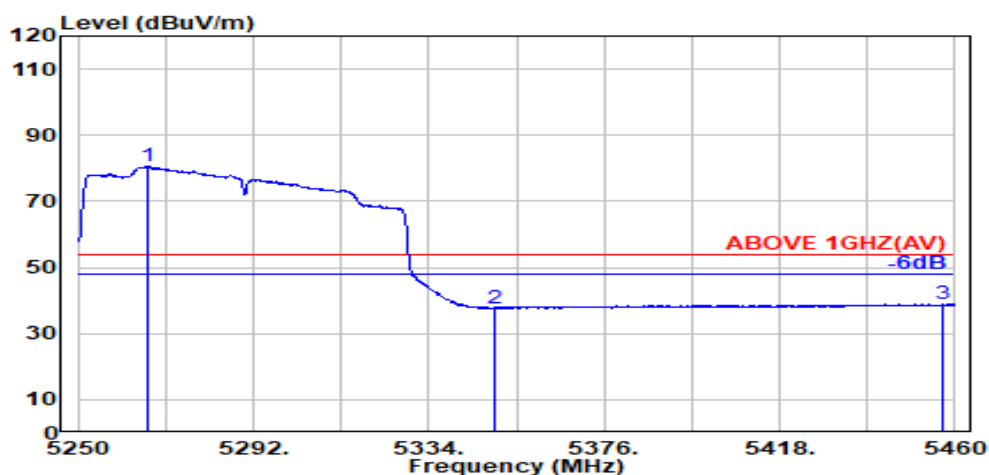
Fax: +886 2 26099303

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
@ 5271.300	33.74	8.50	39.18	87.88	90.94	---	---	Peak
5350.000	33.70	8.57	39.17	44.05	47.16	74.00	26.84	Peak
5438.000	33.98	8.66	39.16	47.63	51.11	74.00	22.89	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
@ 5266.500	33.73	8.49	39.18	77.64	80.69	---	---	Average
5350.000	33.70	8.57	39.17	34.65	37.76	54.00	16.24	Average
5457.000	34.01	8.68	39.15	35.34	38.87	54.00	15.13	Average

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

Audix Technology Corp.

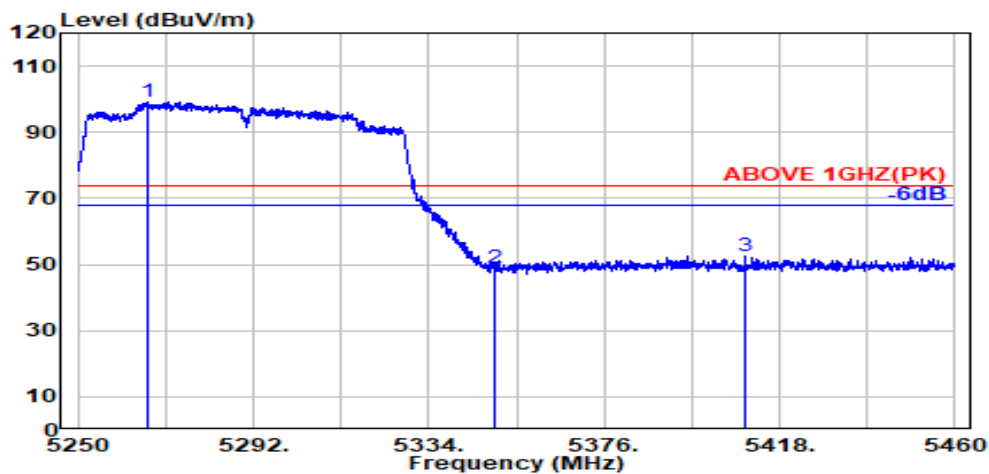
No. 491, Zhongfu Rd., Linkou Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

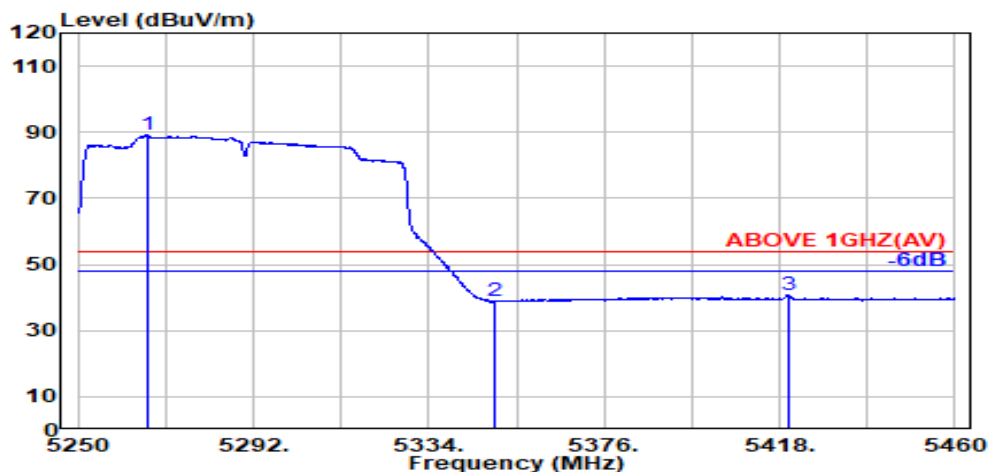
Fax: +886 2 26099303

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
@ 5266.500	33.73	8.49	39.18	96.21	99.26	---	---	Peak
5350.000	33.70	8.57	39.17	46.00	49.10	74.00	24.90	Peak
5409.600	33.92	8.63	39.16	49.10	52.49	74.00	21.51	Peak



Antenna at Vertical Polarization

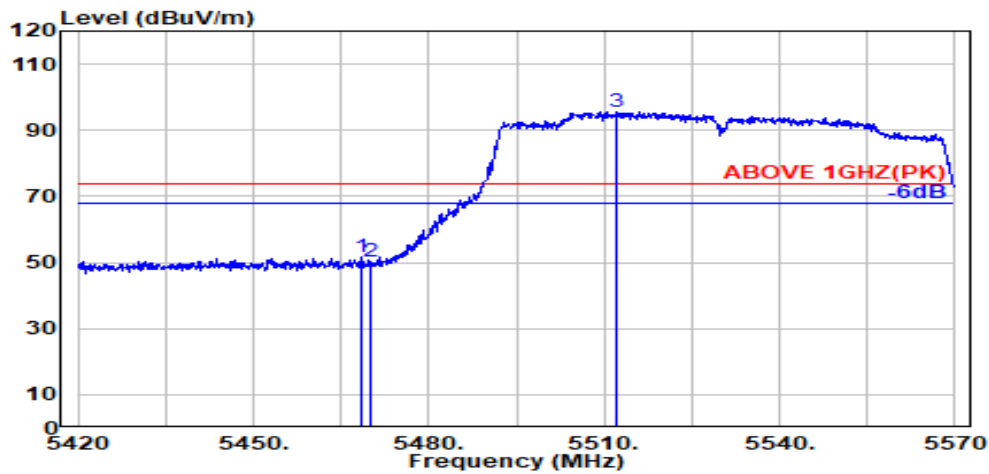
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamp Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5266.600	33.73	8.49	39.18	86.08	89.13	---	---	Average
5350.000	33.70	8.57	39.17	35.87	38.98	54.00	15.02	Average
5420.000	33.94	8.64	39.16	37.52	40.94	54.00	13.06	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

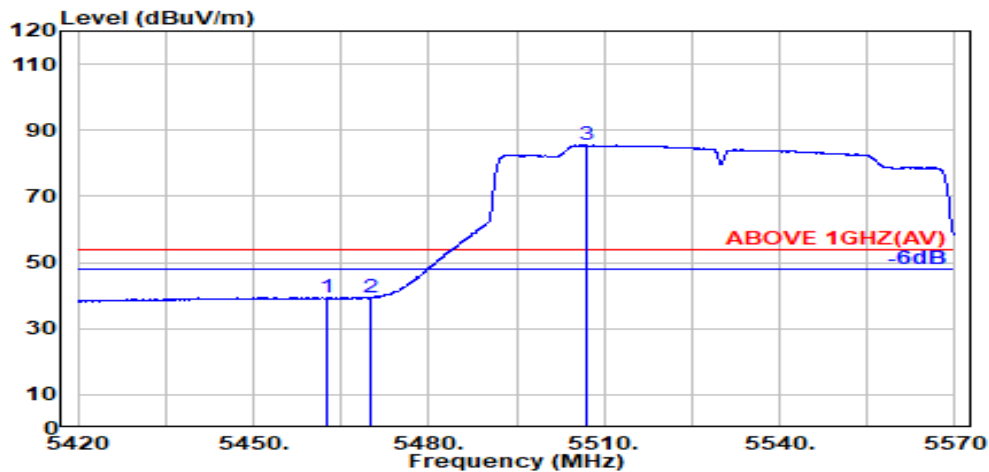
Tel: +886 2 26099301
Fax: +886 2 26099303

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)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.400	34.04	8.69	39.15	48.19	51.76	74.00	22.24	Peak
5470.000	34.04	8.69	39.15	46.74	50.31	74.00	23.69	Peak
@ 5512.200	34.08	8.73	39.15	91.91	95.56	---	---	Peak



Antenna at Horizontal Polarization

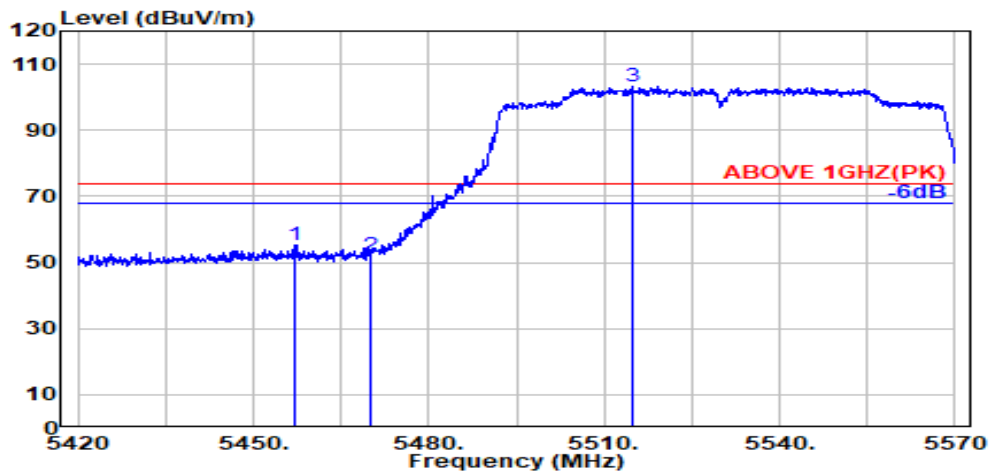
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.600	34.03	8.68	39.15	35.89	39.44	54.00	14.56	Average
5470.000	34.04	8.69	39.15	35.78	39.36	54.00	14.64	Average
@ 5507.000	34.09	8.72	39.15	81.82	85.48	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

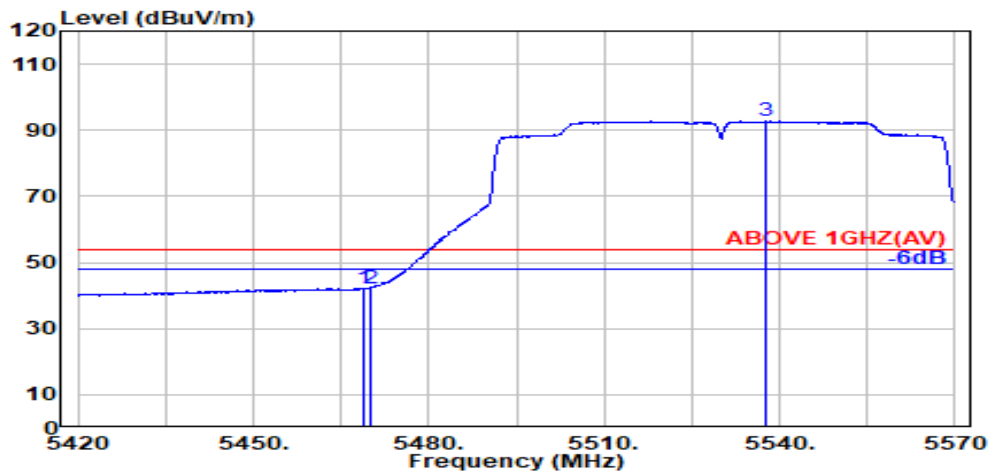
Tel: +886 2 26099301
Fax: +886 2 26099303

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
5457.200	34.01	8.68	39.15	51.87	55.40	74.00	18.60	Peak
5470.000	34.04	8.69	39.15	48.71	52.29	74.00	21.71	Peak
@ 5514.700	34.07	8.73	39.15	99.71	103.35	---	---	Peak



Antenna at Vertical Polarization

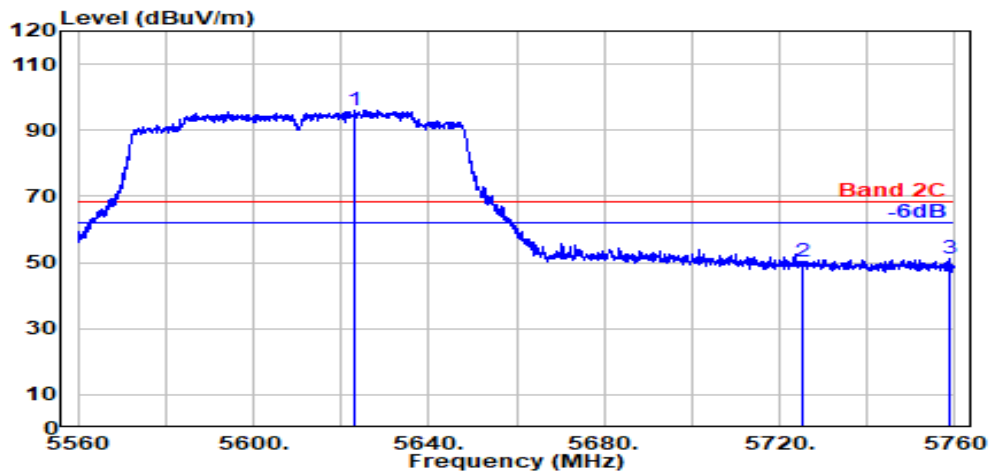
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Preamplifier Gain (dB)	Read Level (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.900	34.04	8.69	39.15	38.68	42.25	54.00	11.75	Average
5470.000	34.04	8.69	39.15	38.75	42.33	54.00	11.67	Average
@ 5537.800	34.02	8.75	39.16	89.02	92.64	---	---	Average

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

Audix Technology Corp.
No. 491, Zhongfu Rd., Linkou Dist.,
New Taipei City244, Taiwan

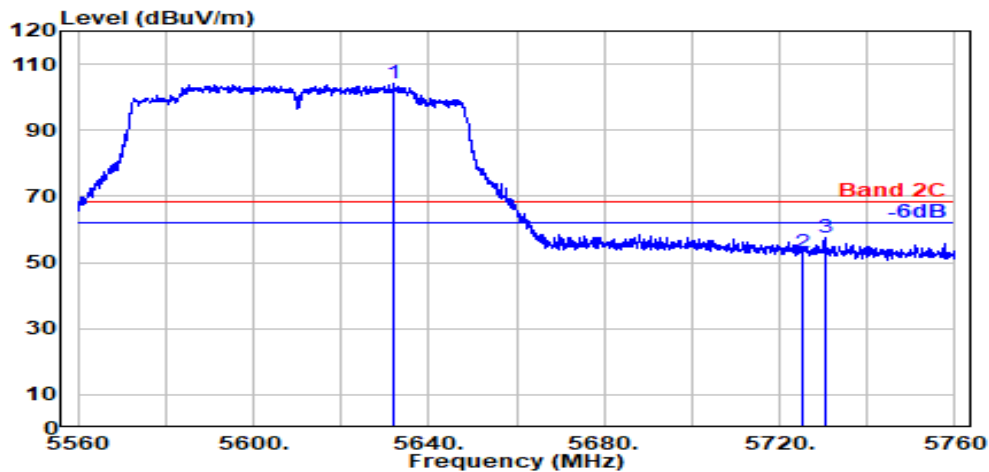
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	802.11ax-HE80	U-NII Band	U-NII Band 2C
		Frequency	TX 5610MHz



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
@ 5623.300	33.80	8.83	39.18	92.57	96.02	---	---	Peak
5725.000	33.60	8.93	39.20	46.81	50.14	68.20	18.06	Peak
5758.800	33.64	8.96	39.20	47.95	51.34	68.20	16.86	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
@ 5632.000	33.80	8.84	39.18	100.51	103.97	---	---	Peak
5725.000	33.60	8.93	39.20	49.73	53.06	68.20	15.14	Peak
5730.500	33.60	8.93	39.20	54.16	57.49	68.20	10.71	Peak

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