

FCC 15.407 NII 5GHz Test Report

for

LG Electronics Inc.

**222, LG-ro Jinwi-myeon, Pyeongtaek-Si, Gyeonggi-Do,
451-713, Korea**

Product Name : Notebook Computer
Model Name : (1)15Z90N (2)15ZB90N
(3)15ZD90N (4)15ZG90N
(5)15ZC90N
Brand : LG
FCC ID : BEJNT-15Z90N

Prepared by: : AUDIX Technology Corporation,
EMC Department



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

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APPENDIX A TEST DATA AND PLOTS

APPENDIX B TEST PHOTOGRAPHS

TEST REPORT

Applicant : LG Electronics Inc.
Manufacturer : LG Electronics Inc.
Factory #1 : LG Electronics Nanjing New Technology Co., Ltd.
Factory #2 : SEO HEUNG ELECTRONICS CO LTD
EUT Description
(1) Product : Notebook Computer
(2) Model : (1)15Z90N (2)15ZB90N (3)15ZD90N (4)15ZG90N (5)15ZC90N
(3) Brand : LG
(4) Power Supply: DC 19V, 2.53A

Applicable Standards:

47 CFR FCC Part 15 Subpart E
ANSI C 63.10:2013
KDB 789033 D02 General UNII Test Procedures New Rules v02r01

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.

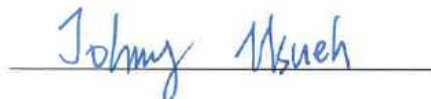
Date of Report: 2019. 11. 26

Reviewed by:



(Annie Yu/Administrator)

Approved by:



(Johnny Hsueh/Section Manager)

1. REVISION RECORD OF TEST REPORT

Edition No	Issued Data	Revision Summary	Report Number
0	2019. 11. 26	Original Report	EM-F190341

2. SUMMARY OF TEST RESULTS

Rule	Description	Results
15.207	Conducted Emission	PASS
15.205/15.209	Radiated Band Edge and Radiated Spurious Emission	PASS
15.407(a)(5)/15.407(e)	26dB/6dBBandwidth	PASS
15.407(a)	Maximum Output Power	PASS
15.407(b)	Conducted Band Edges and Conducted Spurious Emission	PASS
15.407(a)	Power Spectral Density	PASS
15.203	Antenna Requirement	Compliance
15.407	Frequency Stability	PASS
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, 451-713, Korea
Manufacturer	LG Electronics Inc. 222, LG-ro Jinwi-myeon, Pyeongtaek-Si, Gyeonggi-Do, 451-713, Korea
Factory #1	LG Electronics Nanjing New Technology Co., Ltd. No.346, Yaoxin Road, Economic & Technical Development Zone, Nanjing, China.
Factory #2	SEO HEUNG ELECTRONICS CO LTD 55 Asan valley Seo-ro, Dunpo-myeon, Asan-si, Chungcheongnam-do, 31409 Korea
Product	Notebook Computer The product has two colors (Dark Silver and White).
Model	(1)15Z90N (2)15ZB90N (3)15ZD90N (4)15ZG90N (5)15ZC90N The difference between all models is different in the sales customers.
Brand	LG

3.2. Description of EUT

Test Model	15Z90N																												
Serial Number	N/A																												
Power Rating	DC 19V, 2.53A																												
RF Features	WLAN: 802.11 a/b/g/n/ac/ax Bluetooth: BT and BLE (BT 5.0)																												
Transmit Type	<table border="1"> <thead> <tr> <th colspan="2">2.4 GHz</th></tr> </thead> <tbody> <tr> <td>802.11b</td><td>1T1R</td></tr> <tr> <td>802.11g</td><td>1T1R</td></tr> <tr> <td>802.11n-HT20</td><td>2T2R</td></tr> <tr> <td>802.11n-HT40</td><td>2T2R</td></tr> <tr> <td>802.11ax-HE20</td><td>2T2R</td></tr> <tr> <td>802.11ax-HE40</td><td>2T2R</td></tr> <tr> <td>BT/BLE</td><td>1T1R</td></tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="2">UNII Bands</th></tr> </thead> <tbody> <tr> <td>802.11a</td><td>1T1R</td></tr> <tr> <td>802.11n-HT20/802.11ac-VHT20/802.11ax-HE20</td><td>2T2R</td></tr> <tr> <td>802.11n-HT40/802.11ac-VHT40/802.11ax-HE40</td><td>2T2R</td></tr> <tr> <td>802.11ac-VHT80/802.11ax-HE80</td><td>2T2R</td></tr> <tr> <td>802.11ac-VHT160/802.11ax-HE160</td><td>2T2R</td></tr> </tbody> </table>	2.4 GHz		802.11b	1T1R	802.11g	1T1R	802.11n-HT20	2T2R	802.11n-HT40	2T2R	802.11ax-HE20	2T2R	802.11ax-HE40	2T2R	BT/BLE	1T1R	UNII Bands		802.11a	1T1R	802.11n-HT20/802.11ac-VHT20/802.11ax-HE20	2T2R	802.11n-HT40/802.11ac-VHT40/802.11ax-HE40	2T2R	802.11ac-VHT80/802.11ax-HE80	2T2R	802.11ac-VHT160/802.11ax-HE160	2T2R
2.4 GHz																													
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802.11n-HT40/802.11ac-VHT40/802.11ax-HE40	2T2R																												
802.11ac-VHT80/802.11ax-HE80	2T2R																												
802.11ac-VHT160/802.11ax-HE160	2T2R																												
Device Category	☐ Outdoor Access Point ☐ Fixed point-to-point Access Point ☐ Indoor Access Point ☒ Mobile and Portable client device																												
Software Version	N/A																												
Sample Status	Mass production																												
Date of Receipt	2019. 09. 16																												
Date of Test	2019. 09. 20 ~ 11. 25																												
Interface Ports of EUT	• One Micro SD Card Slot • One Earphone Port • Three USB 3.0 Ports • One USB Type C Port • One HDMI Port • One DC Input Port																												
Accessories Supplied	• AC Adapter • LAN Gender																												

3.3. Antenna Information

2.4G Antenna					
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)
1.	WA-P-LBLB-04-070 (Main)	INPAQ	Mono-pole	2400	2.78
				2410	2.30
				2420	2.22
				2430	2.38
				2440	2.38
				2450	2.75
				2460	3.23
				2470	3.63
				2480	3.80
				2490	3.98
				2500	4.16
2.	WA-P-LBLB-04-070 (AUX)	INPAQ	Mono-pole	2400	3.65
				2410	3.22
				2420	3.42
				2430	3.83
				2440	4.01
				2450	4.25
				2460	4.41
				2470	4.54
				2480	4.49
				2490	4.39
				2500	4.29
3.	L1LRF003-CS-H (Main)	LUXSHARE-ICT	Mono-pole	2400	4.4
				2450	4.4
				2500	4.2
4.	L1LRF003-CS-H (AUX)	LUXSHARE-ICT	Mono-pole	2400	4.4
				2450	4.5
				2500	4.1

5G Antenna					
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)
1.	WA-P-LBLB-04-070 (Main)	INPAQ	Mono-pole	5100	1.54
				5150	1.62
				5200	1.37
				5250	1.76
				5300	2.70
				5350	3.52
				5400	3.37
				5450	3.30
				5500	2.39
				5550	2.13
				5600	1.82
				5650	3.25
				5700	4.30
				5750	5.27
				5800	4.14
2.	WA-P-LBLB-04-070 (AUX)	INPAQ	Mono-pole	5100	3.85
				5150	4.14
				5200	3.89
				5250	3.94
				5300	4.27
				5350	3.79
				5400	3.80
				5450	3.71
				5500	3.28
				5550	4.00
				5600	3.44
				5650	3.41
				5700	3.02
				5750	1.59
				5800	1.63

5G Antenna					
No.	Antenna Part Number	Manufacture	Antenna Type	Frequency (MHz)	Max Gain (dBi)
3.	L1LRF003-CS-H (Main)	LUXSHARE-ICT	Mono-pole	5150	3.0
				5250	4.3
				5350	3.3
				5470	4.6
				5600	3.7
				5725	4.3
				5785	4.2
				5800	4.2
				5850	4.1
4.	L1LRF003-CS-H (AUX)	LUXSHARE-ICT	Mono-pole	5150	3.6
				5250	4.0
				5350	2.8
				5470	3.3
				5600	3.0
				5725	3.0
				5785	2.7
				5800	2.2
				5850	2.5

3.4. EUT Specifications Assessed in Current Report

Mode	UNII Band	Fundamental Range (MHz)	Channel Number
802.11a	I	5180-5240	4
	II-2A	5260-5320	4
	II-2C	5500-5720	12
	III	5745-5825	5
802.11n-HT20/ 802.11ac-VHT20 802.11ax-HE20	I	5180-5240	4
	II-2A	5260-5320	4
	II-2C	5500-5720	12
	III	5745-5825	5
802.11n-HT40/ 802.11ac-VHT40 802.11ax-HE40	I	5190-5230	2
	II-2A	5270-5310	2
	II-2C	5510-5710	6
	III	5755-5795	2
802.11ac-VHT80 802.11ax-HE80	I	5210	1
	II-2A	5290	1
	II-2C	5530-5690	3
	III	5775	1
802.11ac-VHT160 /802.11ax-HE160	I	5250	1
	II-2A		
	II-2C	5570	1
Remark: UNII Band II-2A and II-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 173.3
802.11ax-HE40		Up to 400
802.11ax-HE80		Up to 866.7
802.11ax-HE160		Up to 1733.3

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

Channel List					
802.11n-HT40/802.11ac-VHT40/802.11ax-HE40					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	38	5190	II-2C	118	5590
	46	5230		126	5630
II-2A	54	5270		134	5670
	62	5310		142	5710
II-2C	102	5510	III	151	5755
	110	5550		159	5795

Channel List					
802.11ac-VHT80/802.11ax-HE80					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	42	5210	II-2C	138	5690
II-2A	58	5290	III	155	5775
II-2C	106	5530			
	122	5610			

Channel List					
802.11ac-VHT160/802.11ax-HE160					
UNII Band	Channel Number	Frequency (MHz)	UNII Band	Channel Number	Frequency (MHz)
I	50	5250	II-2C	114	5570
II-2A					

Note: Test modes are presented at section 3.7.

3.5. Description of Key Components

3.5.1. For the All Component Lists

Item	Supplier	Model / Type	Character
System	Microsoft	Win10 Home	---
Main Board	LG	1XZ90N MAIN B/D PCB	Manufacturer: #1 Hannstar Board Tech(Jiang Yin)Corp.,Ltd. #2 Elec & Eltek Company (MCO) Limited
WLAN SUB Board	LG	15Z90N WLAN SUB B/D	Manufacturer: #1 Hannstar Board Tech(Jiang Yin)Corp.,Ltd. #2 Elec & Eltek Company (MCO) Limited
CPU (Socket: FCBGA1526)	Intel	i5-1035G7	1.2GHz, up to 3.7GHz
	Intel	i7-1065G7	1.3GHz, up to 3.9GHz
15.6" LCD Panel	LG Display	LP156WFA(SP)(G1)	Resolution: 1920 x 1080, 60Hz FHD IPS Touch (Touch)
	LG Display	LP156WFC(SP)(Y1)	Resolution: 1920 x 1080, 60Hz FHD IPS (Normal Non touch)
Storage (SSD)	Samsung	MZ-VLB5120 (P/N MZVLB512HAJQ-00000)	512GB (M.2)
		MZ-VLB2560 (P/N MZVLB256HAHQ-00000)	256GB (M.2)
Memory (RAM)	Samsung	---	8GB DDR4(On Board)
	Samsung	---	8GB DDR4 3200MHz SODIMM (on Card)
	SK Hynix	---	8GB DDR4 3200MHz SODIMM (on Card)
Battery Pack	LG	LBV7227E	80Wh, DC 7.74V, 80Wh Typ 10336mAh
WLAN Combo Card	Intel	AX201D2W	WLAN and BT, 2x2 CNVi 1216 FCC ID: PD9AX201NG IC: 1000M-AX201NG NCC ID: CCAH18LP3410T5
WLAN Combo Antenna	LG (INPAQ)	WA-P-LBLB-04-070	PCB, Mono-pole Type Main: Black, Aux: Gray
	LG (LUXSHARE-ICT)	L1LRF003-CS-H	PCB, Mono-pole Typ Main: Black, Aux: Gray
Keyboard	TIC	KT01-18B9	P/N: KT01-18B9BS03USRA000 (White KBD)
		KT01-18B9	P/N: KT01-18B9AS03USRA000 (Black KBD)
	LITE ON	SN3870BL	P/N: SG-90930-XUA (White KBD)
		SN3870BL	P/N: SG-90920-XUA (Black KBD)

Item	Supplier	Model / Type	Character
Web Camera	Chicony	CKFIH2821005290LH	With two microphones
		CKFIH28-121005290LH	With One microphone
	Luxvisions	7BF109N2DC	With two microphones
		7BF109N2C	With One microphone
LAN Gender (Type C to LAN)	SUZHOU MEC ELECTRONICS	80-5946-200	(White) 10/100/1000 Megabit Ethernet
		80-5946-210	(Black) 10/100/1000 Megabit Ethernet
	Type C to LAN: Shielded, Undetached, 0.13m		
	SUZHOU MEC ELECTRONICS	80-5946-111	(White) 10/100Megabit Ethernet
		80-5946-101	(Black) 10/100 Megabit Ethernet
	Type C to LAN: Shielded, Undetached, 0.12m		
	ARIN TECH CO. LTD	GD-08MF-36-WH-LP10	(White) 10/100Megabit Ethernet
		GD-08MF-36-BK-LP11	(Black) 10/100 Megabit Ethernet
	Type C to LAN: Shielded, Undetached, 0.12m		
AC Adapter (48W)	LG (HONOR)	ADS-48MS-19-2 19048E	I/P: AC 100-240V, 50-60Hz, 1.5A, O/P: DC 19V, 2.53A
	DC Power Cord: Non-Shielded, Undetached, 1.5m		
	AC Power Cord: Non-Shielded, Detached, 1.0m (2C) (For Other Countries)		
	AC Power Cord: Non-Shielded, Detached, 1.55m (2C) (For US, Canada, Mexico)		

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

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

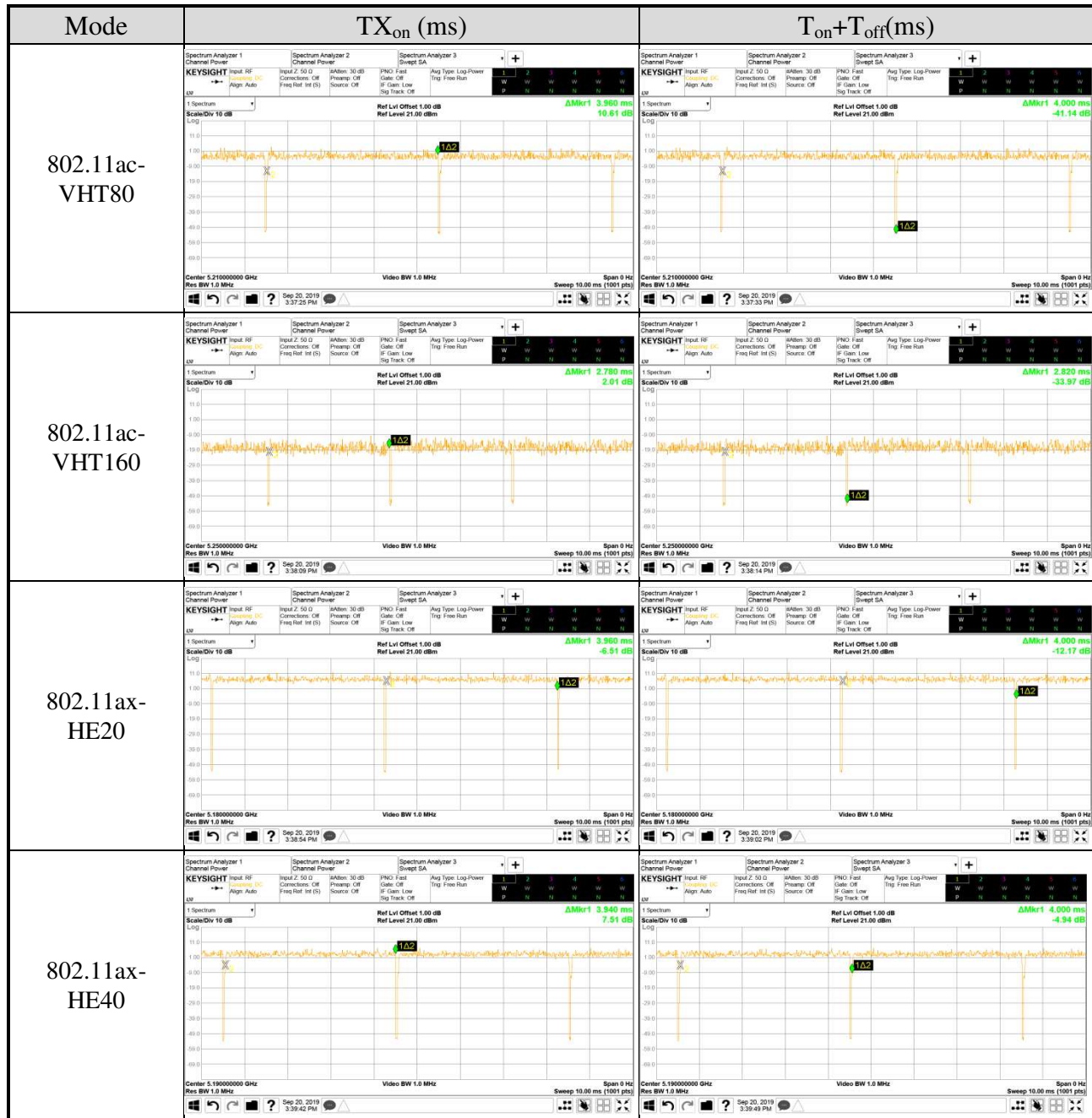
SKU (Mode) 1 ~ 2		1	2
Main Board	LG, 1XZ90N MAIN B/D PCB	V	V
WLAN SUB Board	LG, 15Z90N WLAN SUB B/D	V	V
CPU	Intel, i7-1065G7	V	
	Intel, i5-1035G7		V
15.6" LCD Panel	LG Display, LP156WFA(SP)(G1) (Touch)	V	
	LG Display, LP156WFC(SP)(Y1) (Normal Non touch)		V
Storage (SSD)	Samsung, 512GB *2	V	
	Samsung, 256GB *1		V
Memory (RAM)	Samsung, 8GB (On Board)	V	V
	Samsung, 8GB (On Card)	V	
	SK Hynix, 8GB (On Card)		V
Battery Pack	LG, LBV7227E	V	V
WLAN Combo Card	Intel, AX201D2W	V	V
WLAN Combo Antenna	LG (INPAQ), WA-P-LBLB-04-070	V	
	LG (LUXSHARE-ICT), L1LRF003-CS-H		V
Keyboard	TIC, KT01-18B9 (White KBD)	V	
	LITE ON, SN3870BL (White KBD)		V
Web Camera	Chicony, CKFIH2821005290LH	V	
	Luxvisions, 7BF109N2DC		V
LAN Gender	SUZHOU MEC ELECTRONICS, 80-5946-200	V	V
AC Adapter	LG (HONOR), ADS-48MS-19-2 19048E	V	V

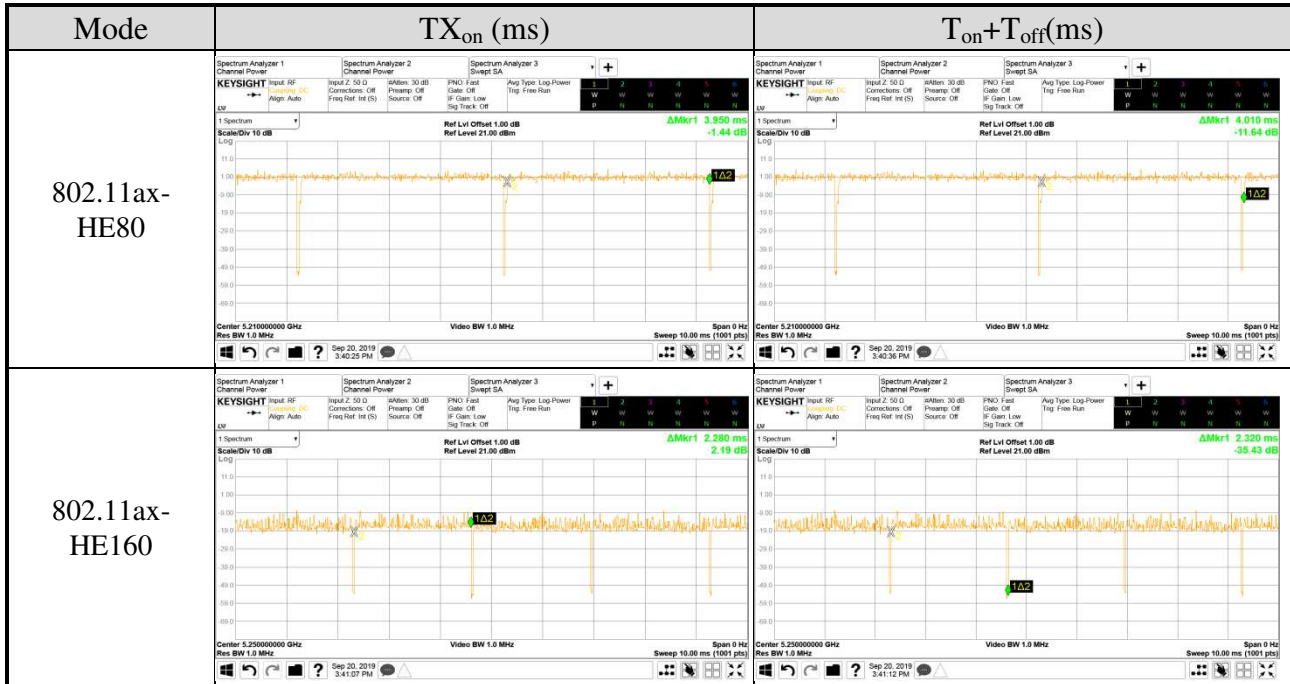
3.6. Test Configuration

Mode	TX _{on} (ms)	1/ TX _{on} (kHz)	Duty Cycle (x)	Duty Cycle Factor [10log(1/x)] (dB)
802.11a	2.080	0.481	0.986	N/A
802.11n-HT20	3.970	0.252	0.988	N/A
802.11n-HT40	3.960	0.253	0.990	N/A
802.11ac-VHT80	3.960	0.253	0.990	N/A
802.11ac-VHT160	2.780	0.360	0.986	N/A
802.11ax-HE20	3.960	0.253	0.990	N/A
802.11ax-HE40	3.940	0.254	0.985	N/A
802.11ax-HE80	3.950	0.253	0.985	N/A
802.11ax-HE160	2.280	0.439	0.982	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.







AC Conduction	
SKU #1	Normal operation
SKU #2	Normal operation

SKU	Item		Mode	Data Rate ^{Note4}	Test Channel
#1	Radiated Test Case	Radiated Band Edge ^{Note1}	802.11a	6 Mbps	36/64/100/140/144
			802.11n-HT20	MCS8	36/64/100/140/144
			802.11n-HT40	MCS8	38/62/102/134/142
			802.11ac-VHT80	MCS0	42/58/106/122/138
			802.11ac-VHT160	MCS0	50/114
			802.11ax-HE20	MCS0	36/64/100/140/144
			802.11ax-HE40	MCS0	38/62/102/134/142
			802.11ax-HE80	MCS0	42/58/106/122/138
			802.11ax-HE160	MCS0	50/114
		Radiated Spurious Emission ^{Note1&2}	802.11a	6 Mbps	48/52/116/144/149
			802.11n-HT20	MCS8	48/52/116/144/157
			802.11n-HT40	MCS8	46/54/134/142/159
			802.11ac-VHT80	MCS0	42/58/122/138/155
			802.11ac-VHT160	MCS0	50/114
			802.11ax-HE20	MCS0	48/52/116/144/157
			802.11ax-HE40	MCS0	46/54/134/142/159
			802.11ax-HE80	MCS0	42/58/122/138/155
			802.11ax-HE160	MCS0	50/114
#2	Radiated Test Case	Radiated Spurious Emission ^{Note1}	802.11ac-VHT80	MCS0	138

SKU	Item		Mode	Data Rate ^{Note 4}	RU Configuration	Test Channel
#1	Radiated Test Case	Radiated Band Edge ^{Note1}	802.11ax-HE20	MCS0	26/0	36/100
					52/37	
					106/53	
			802.11ax-HE40	MCS0	26/8	64/140
					52/40	
					106/54	
			802.11ax-HE80	MCS0	242/61	38/102
				MCS0	242/62	62/134
			802.11ax-HE160	MCS0	484/65	42/106
				MCS0	484/66	58/122
#1	Radiated Test Case	Radiated Band Edge ^{Note1}	802.11ax-HE160	MCS0	996/67	50/114
				MCS0	996/S67	50/114

Item		Mode	Data Rate Note4	Test Channel
Conducted Test Case	26dB/6 dB Bandwidth	802.11a	6 Mbps	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11n-HT20	MCS8	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11n-HT40	MCS8	38/46/54/62/102/110/ 134/142/151/159
		802.11ac-VHT80	MCS0	42/58/106/122/138/155
		802.11ac-VHT160	MCS0	50/114
		802.11ax-HE20	MCS0	36/40/48/52/60/64/100/ 116/140/144/149/157/1 65
		802.11ax-HE40	MCS0	38/46/54/62/102/110/ 134/142/151/159
		802.11ax-HE80	MCS0	42/58/106/122/138/155
		802.11ax-HE160	MCS0	50/114
	Maximum output power	802.11a	6 Mbps	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11n-HT20	MCS8	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11n-HT40	MCS8	38/46/54/62/102/110/ 134/142/151/159
		802.11ac-VHT80	MCS0	42/58/106/122/138/155
		802.11ac-VHT160	MCS0	50/114
		802.11ax-HE20	MCS0	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11ax-HE40	MCS0	38/46/54/62/102/110/ 134/142/151/159
		802.11ax-HE80	MCS0	42/58/106/122/138/155
		802.11ax-HE160	MCS0	50/114

Item		Mode	Data Rate Note4	Test Channel
Conducted Test Case	Conducted Band Edges	802.11a	6 Mbps	149/165
		802.11n-HT20	MCS8	149/165
		802.11n-HT40	MCS8	151/159
		802.11ac-VHT80	MCS0	155
		802.11ax-HE20	MCS0	149/165
		802.11ax-HE40	MCS0	151/159
		802.11ax-HE80	MCS0	155
	Power spectral density	802.11a	6 Mbps	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11n-HT20	MCS8	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11n-HT40	MCS8	38/46/54/62/102/110/ 134/142/151/159
		802.11ac-VHT80	MCS0	42/58/106/122/138/155
		802.11ac-VHT160	MCS0	50/114
		802.11ax-HE20	MCS0	36/40/48/52/60/64/100/ 116/140/144/149/ 157/165
		802.11ax-HE40	MCS0	38/46/54/62/102/110/ 134/142/151/159
		802.11ax-HE80	MCS0	42/58/106/122/138/155
		802.11ax-HE160	MCS0	50/114

Item		Mode	Data Rate ^{Note4}	RU Configuration	Test Channel
Conducted Test Case	26dB/6dB Bandwidth	802.11ax-HE20	MCS0	26/0	36/100/149
				52/37	
				106/53	
		802.11ax-HE40	MCS0	26/8	64/140/165
				52/40	
				106/54	
		802.11ax-HE80	MCS0	242/61	38/102/151
			MCS0	242/62	62/134/159
		802.11ax-HE160	MCS0	484/65	42/106/155
			MCS0	484/66	58/122/155
		802.11ax-HE160	MCS0	996/67	50/114
			MCS0	996/S67	50/114
	Maximum output power	802.11ax-HE20	MCS0	26/0	36/100/149
				52/37	
				106/53	
		802.11ax-HE40	MCS0	26/8	64/140/165
				52/40	
				106/5	
		802.11ax-HE80	MCS0	242/61	38/102/151
			MCS0	242/62	62/134/159
		802.11ax-HE160	MCS0	484/65	42/106/155
			MCS0	484/66	58/122/155
		802.11ax-HE160	MCS0	996/67	50/114
			MCS0	996/S67	50/114
	Conducted Band Edges	802.11ax-HE20	MCS0	26/0	149
				52/37	
				106/53	
		802.11ax-HE40	MCS0	26/8	165
				52/40	
				106/54	
		802.11ax-HE80	MCS0	242/61	151
			MCS0	242/62	159
		802.11ax-HE80	MCS0	484/65	155
				484/66	

Item		Mode	Data Rate ^{Note4}	RU Configuration	Test Channel
Conducted Test Case	Power spectral density	802.11ax-HE20	MCS0	26/0	36/100/149
				52/37	
				106/53	
		802.11ax-HE40	MCS0	26/8	64/140/165
				52/40	
				106/54	
		802.11ax-HE40	MCS0	242/61	38/102/151
			MCS0	242/62	62/134/159
		802.11ax-HE80	MCS0	484/65	42/106/155
			MCS0	484/66	58/122/155
		802.11ax-HE160	MCS0	996/67	50/114
			MCS0	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: Both of the antennas are the same type, and we presented the worst case in the report.

The max-gain condition with SISO (main port) and MIMO is SKU 1.

The MIMO is uncorrelated and supported SDM mode only.

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

3.7. Tested Supporting System List

3.7.1. Support Peripheral Unit

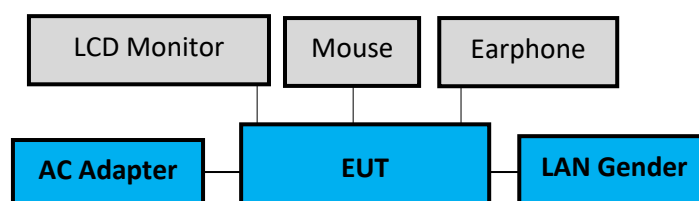
No.	Product	Brand	Model No.	Serial No.	Approval
1.	LCD Monitor	LG	22LK330-DB	N/A	N/A
2.	USB Mouse	acer	MOBVUO	N/A	FCC By DoC
3.	Earphone	APPLE	N/A	N/A	N/A

3.7.2. Cable Lists

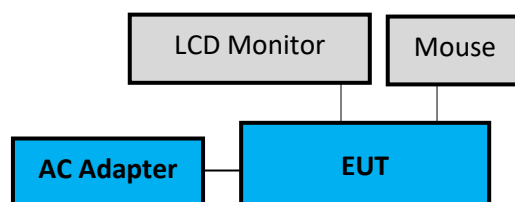
No.	Cable Description Of The Above Support Units
1.	HDMI Cable: Shielded, Detachable, 1.8m AC Power Cord: Unshielded, Detachable, 1.8m
2.	USB Cable: Unshielded, Undetachable, 1.8m
3.	Earphone Cable: Unshielded, Undetachable, 0.9m

3.8. Setup Configuration

3.8.1. EUT Configuration for Power Line & Radiated Emission



3.8.2. EUT Configuration for RF Conducted Test Items



3.9. Operating Condition of EUT

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

[Chain 0 is aux port (A Button in DRTU) Chain 1 is main port (B Button in DRTU)].

3.10. Description of Test Facility

Name of Test Firm	Audix Technology Corporation / EMC Department No. 53-11, Dingfu, 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 17025:2005 (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 (1) No.8 Shielded Room (2) No.1 3m Semi Anechoic Chamber (3) Fully Anechoic Chamber

3.11.Measurement Uncertainty

Test Items/Facilities		Frequency Range	Uncertainty
Conduction Test		150kHz~30MHz	±3.50dB
Radiation Test	No.1 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±3.9dB
		200MHz-1000MHz, 3m, Horizontal	±4.3dB
		30MHz-200MHz, 3m, Vertical	±4.5dB
		200MHz-1000MHz, 3m, Vertical	±4.1dB
		1GHz-6GHz, 3m	±5.1dB
		6GHz-18GHz, 3m	±5.5dB
	No.3 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.7dB
		200MHz-1000MHz, 3m, Horizontal	±4.5dB
		30MHz-200MHz, 3m, Vertical	±4.3dB
		200MHz-1000MHz, 3m, Vertical	±4.1dB
	No.4 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.1dB
		200MHz-1000MHz, 3m, Horizontal	±4.4dB
		30MHz-200MHz, 3m, Vertical	±4.2dB
		200MHz-1000MHz, 3m, Vertical	±5.0dB
		1GHz-6GHz, 3m	±4.4dB
		6GHz-18GHz, 3m	±4.1dB
	No.5 3m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.0dB
		200MHz-1000MHz, 3m, Horizontal	±4.0dB
		30MHz-200MHz, 3m, Vertical	±4.2dB
		200MHz-1000MHz, 3m, Vertical	±4.4dB
		1GHz-6GHz, 3m	±4.3dB
		6GHz-18GHz, 3m	±4.6dB
	No.2 10m Semi Anechoic Chamber	30MHz-200MHz, 3m, Horizontal	±4.3dB
		200MHz-1000MHz, 3m, Horizontal	±4.3dB
		30MHz-200MHz, 3m, Vertical	±4.1dB
		200MHz-1000MHz, 3m, Vertical	±4.4dB
		1GHz-6GHz, 3m	±4.2dB
		6GHz-18GHz, 3m	±4.3dB
	Fully Anechoic Chamber	30MHz~1000MHz	±4.7dB
		1GHz~18GHz	±5.3dB

Remark : Uncertainty = $ku_c(y)$

Test Items	Uncertainty
Emission 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	2019. 01. 23	1 Year
2.	A.M.N.	R&S	ENV4200	100169	2018. 11. 14	1 Year
3.	L.I.S.N.	Kyoritsu	KNW-407	8-855-9	2018. 12. 19	1 Year
4.	Pulse Limiter	R&S	ESH3-Z2	100354	2019. 01. 12	1 Year
5.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.8 S/R	2019. 04. 20	1 Year
6.	Test Software	Audix	e3	V6.120619c	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	2019. 09. 11	1 Year
2.	Spectrum Analyzer	Keysight	N9010B-544	MY55460198	2019. 05. 06	1 Year
3.	Test Receiver	R & S	ESCS30	100338	2019. 06. 12	1 Year
4.	Amplifier	HP	8447D	2944A06305	2019. 01. 30	1 Year
5.	Amplifier	HP	8449B	3008A02678	2019. 03. 07	1 Year
6.	Amplifier	Keysight	83051A	MY53010042	2019. 08. 08	1 Year
7.	Bilog Antenna	TESEQ	CBL6112D	33821	2019. 01. 19	1 Year
8.	Loop Antenna	R&S	HFH2-Z2	891847/27	2017.12. 18	2 Years
9	Double-Ridged Waveguide Horn	ETS-Lindgren	3117	00135902	2019. 03. 13	1 Year
10.	Horn Antenna	COM-POWER	AH-840	101092	2019 .05. 14	1 Year
11.	5G Notch Filter	Microwave Circuits	N0452502	459775	2019. 05. 07	1 Year
12.	5G Notch Filter	Microwave Circuits	N0555983	459481	2019. 05. 07	1 Year
13.	5G Notch Filter	Microwave Circuits	N0257881	459776	2019. 08. 21	1 Year
14.	Coaxial Cable	MIYAZAKI	5D2W	RE-11	2019. 02. 01	1 Year
15.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 104	RF CABLE-01	2019. 09. 20	1 Year
16.	Coaxial Cable	HUBER+SUHNER	SUCOFLEX 102	No.1 18-40GHz Cable	2019. 09. 20	1 Year
17.	Digital Thermo-Hygro Meter	iMax	HTC-1	No.1 3m A/C	2019. 04. 20	1 Year
18.	Digital Thermo-Hygro Meter	EVERY DAY	E-512	RF-02	2019. 04. 20	1 Year
19.	Test Software	Audix	e3	V6.120619c	N.C.R.	N.C.R.
20.	Test Software	Audix	e3	V6.110601	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	N9020B-544	MY57120357	2019. 01. 17	1 Year
2.	Power Meter	Anritsu	ML2495A	1145008	2018. 11. 07	1 Year
3.	Power Sensor	Anritsu	MA2411B	1126096	2018. 11. 07	1 Year
4.	Digital Thermo-Hygro Meter	Shenzhen Datronn Electronics	KT-905	RF	2019. 04. 20	1 Year

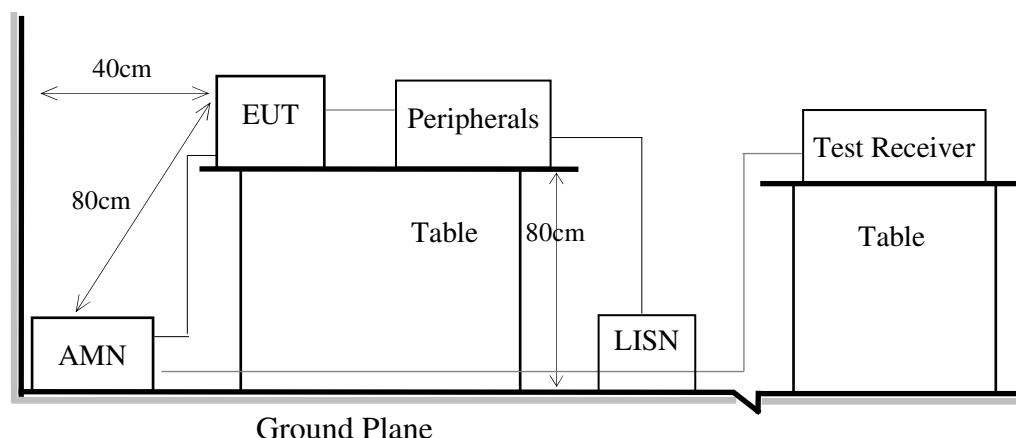
5. CONDUCTED EMISSION

5.1. Block Diagram of Test Setup

5.1.1. Block Diagram of EUT

Indicated as section 3.8

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 C 63.10. 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.

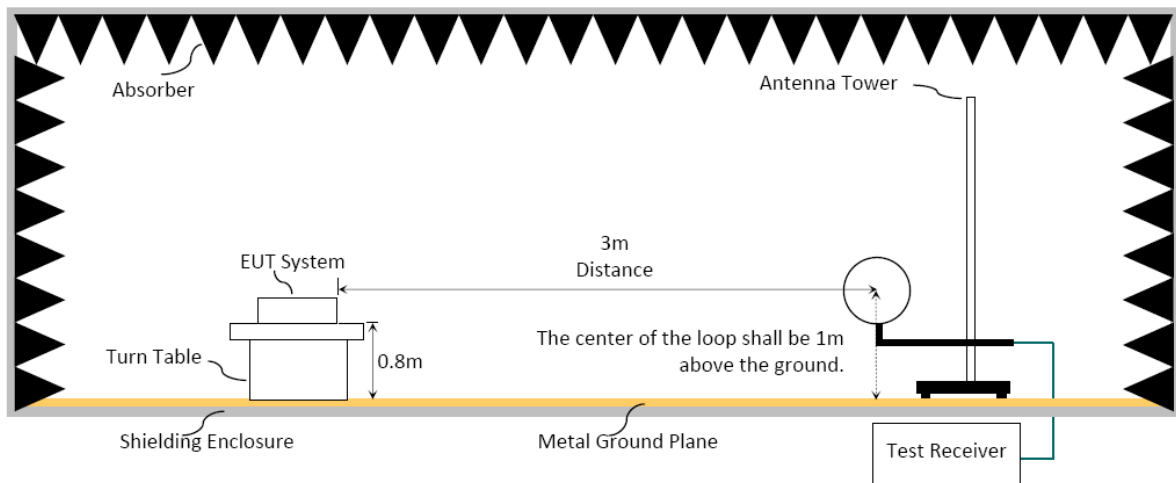
6. RADIATED EMISSION

6.1. Block Diagram of Test Setup

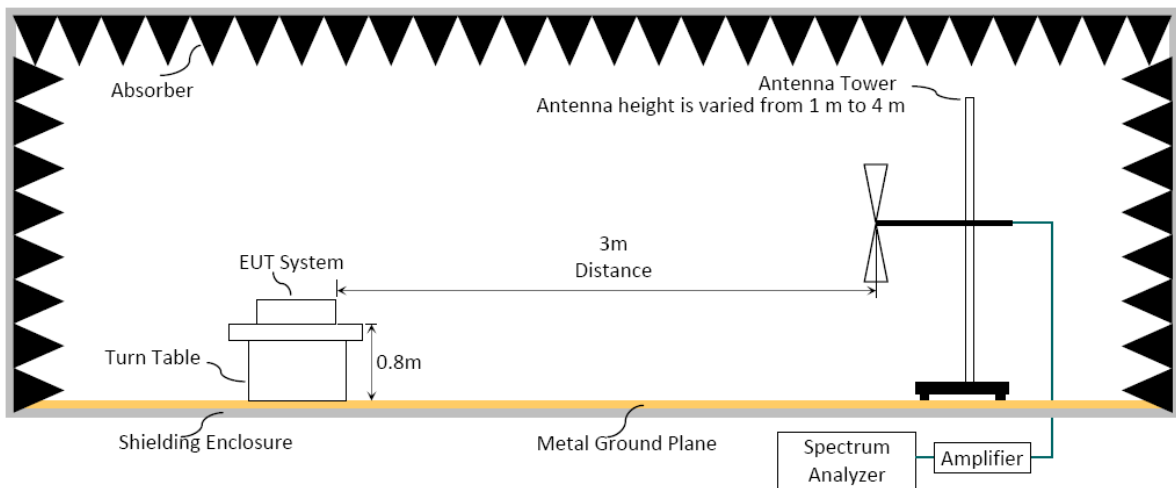
6.1.1. Block Diagram of EUT

Indicated as section 3.8

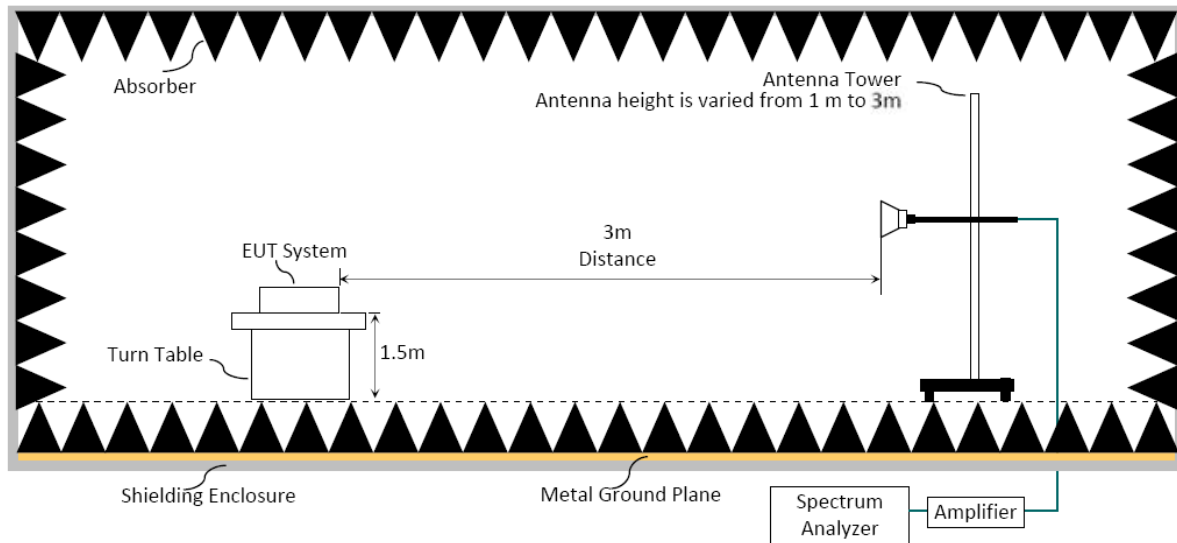
6.1.2. Setup Diagram for 9kHz-30MHz



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.

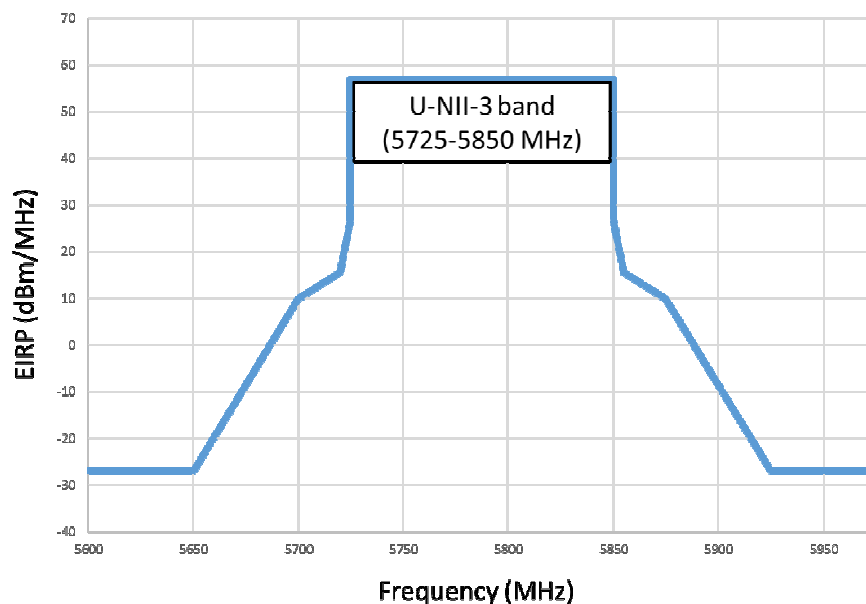
(5) Pursuant to ANSI C63.10: 6.6.4.3, if the maximized peak measured value complies with the average limit, then it is unnecessary to perform an average measurement.

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
5250 to 5350		68.2
5470 to 5725		68.2

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 dBμV/m at 75 MHz or more above or below the band edge increasing linearly to 105.2dBμV/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 dBμV/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 68.2 dBμV/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))



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 80 cm (for 30-1000 MHz) 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 (for 30-1000MHz) or antenna varied from 1 m to 3 m (for above 1GHz) 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 $\geq 1/T$.

Modulation Type	T (ms)	1/T (kHz)	VBW Setting(Hz)
802.11a	2.080	0.481	10Hz
802.11n-HT20	3.970	0.252	10Hz
802.11n-HT40	3.960	0.253	10Hz
802.11ac-VHT80	3.960	0.253	10Hz
802.11ac-VHT160	2.780	0.360	10Hz
802.11ax-HE20	3.960	0.253	10Hz
802.11ax-HE40	3.940	0.254	10Hz
802.11ax-HE80	3.950	0.253	10Hz
802.11ax-HE160	2.280	0.439	10Hz

N/A: 1/T is not implemented when duty cycle presented in section 3.7 is $\geq 98\%$.

(1) Detector = Peak.

(2) Sweep time = auto.

(3) Trace mode = max hold.

(4) Allow sweeps to continue until the trace stabilizes.

☐ **Option 2:**

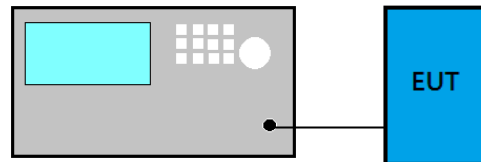
Average Emission Level = Peak Emission Level + D.C.C.F.

6.4. Measurement Result Explanation☒ Peak Emission Level = Antenna Factor + Cable Loss + Meter Reading (including Preamp factor if test used)☒ Average Emission Level = Antenna Factor + Cable Loss + Meter Reading (including Preamp factor if test used)☐ Average Emission Level = Peak Emission Level + DCCFDuty Cycle Correction Factor (DCCF) = $20\log(TX_{on}/TX_{on+off})$ presented in section 3.7☐ ERP = Peak Emission Level - 95.2dB - 2.14dB**6.5. Test Results**

Please refer to Appendix A.

7. 26dB/6dB 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 5850	$\geq 500\text{kHz}$

7.3. Test Procedure

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

■ Applicable to all bands except to 5725 MHz- 5850 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.

■ 5725 MHz- 5850 MHz

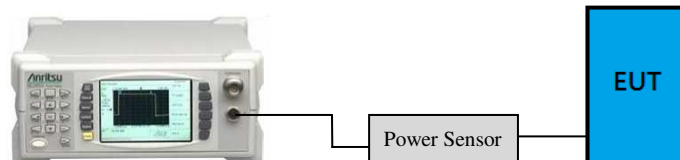
- (1) Set RBW = 100 kHz.
- (2) Set the video bandwidth (VBW) $\geq 3 \times \text{RBW}$.
- (3) Detector = Peak.
- (4) Trace mode = max hold.
- (5) Sweep = auto couple.
- (6) Allow the trace to stabilize.
- (7) Setting channel bandwidth function x dB to -6 dB to record the final bandwidth.

7.4. Test Results

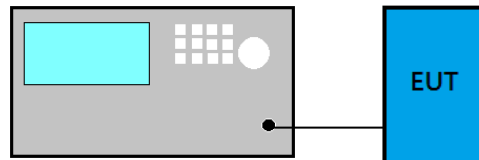
Please refer to Appendix A

8. MAXIMUM OUTPUT POWER

8.1. Block Diagram of Test Setup



- For 802.11ac-VHT80/160, 802.11ax-HE80/160 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		1 W(30 dBm)

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**

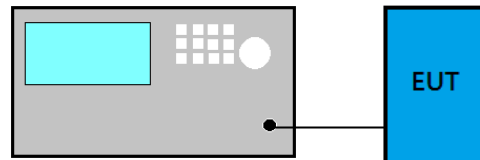
- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 MHz
- (3) Set the video bandwidth (VBW) ≥ 3 MHz.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Compute power by integrating the spectrum across the OBW of the signal using the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

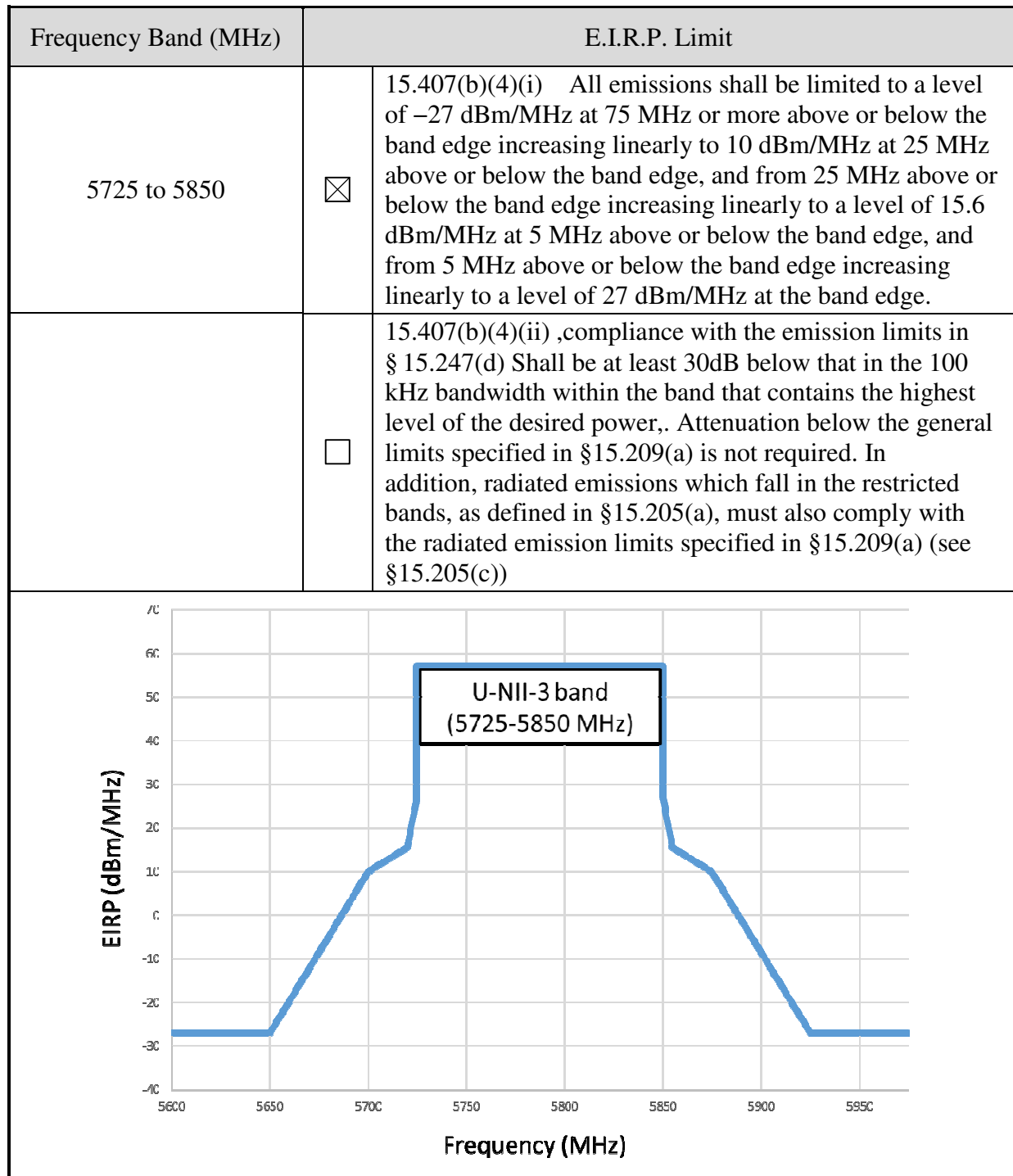
9. EMISSION LIMITATIONS MEASUREMENT

9.1. Block Diagram of Test Setup



9.2. Specification Limits

Frequency Band (MHz)	E.I.R.P. Limit
5150 to 5250	-27 dBm
5250 to 5350	
5470 to 5725	



9.3. Test Procedure

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

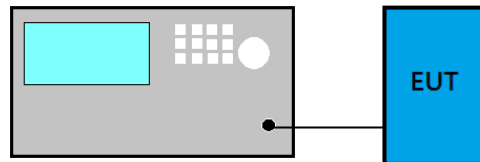
- (1) RBW = 1 MHz
- (2) VBW $\geq 3 \times$ RBW
- (3) Detector = Peak
- (4) Sweep time = auto
- (5) Trace mode = max hold
- (6) Allow sweeps to continue until the trace stabilizes.

9.4. Test Results

Please refer to Appendix A

10. POWER SPECTRAL DENSITY

10.1. Block Diagram of Test Setup



10.2. 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		30dBm/500 kHz

10.3. Test Procedure

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

■ Method AVGSA-2 (Spectrum channel power)

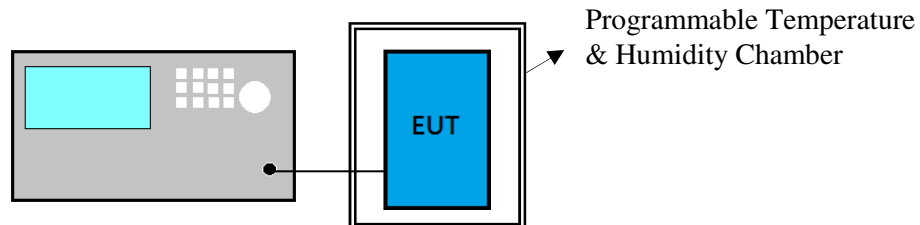
- (1) Set span to at least 1.5 times the OBW
- (2) Set RBW = 1 MHz
- (3) Set the video bandwidth (VBW) ≥ 3 MHz.
- (4) Detector = RMS.
- (5) Trace mode = trace average at least 100 traces
- (6) Sweep = auto couple.
- (7) Use peak search function to find out the maximum power density.
- (8) Duty cycle factor is added when duty cycle presented in section 3.7 is $< 98\%$.

10.4. Test Results

Please refer to Appendix A

11. FREQUENCY STABILITY

11.1. Block Diagram of Test Setup



11.2. Specification Limits

NONE

11.3. 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)

11.4. Test Results

Please refer to Appendix A



12.DEVIATION TO TEST SPECIFICATIONS

【NONE】



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APPDNDIX A

TEST DATA AND PLOTS

(Model: 15Z90N)

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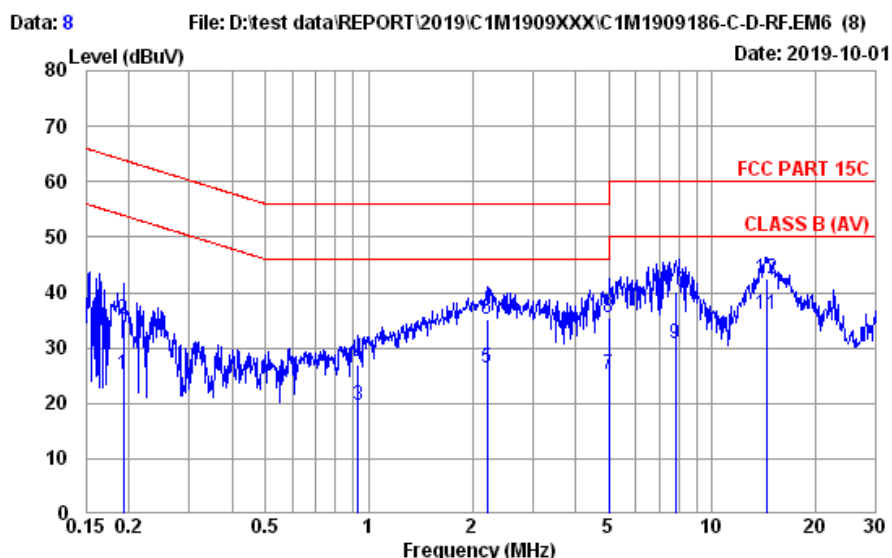
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A.1 CONDUCTED EMISSION

Test Date	2019/10/01	Temp./Hum.	24°C/60%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Chucky Chiu
Test SKU	SKU #1	Test Model	15Z90N



Site no. : No.8 Shielded Room Data no. : 8
Condition : ENV4200 100169 LISN Phase : NEUTRAL
Limit : FCC PART 15C
Env. / Ins. : 24°C / 60% ESR3 (1774) Engineer : Chucky Chiu
EUT : 15Z90N
Power Rating : 120Vac/60Hz
Test Mode : Operating

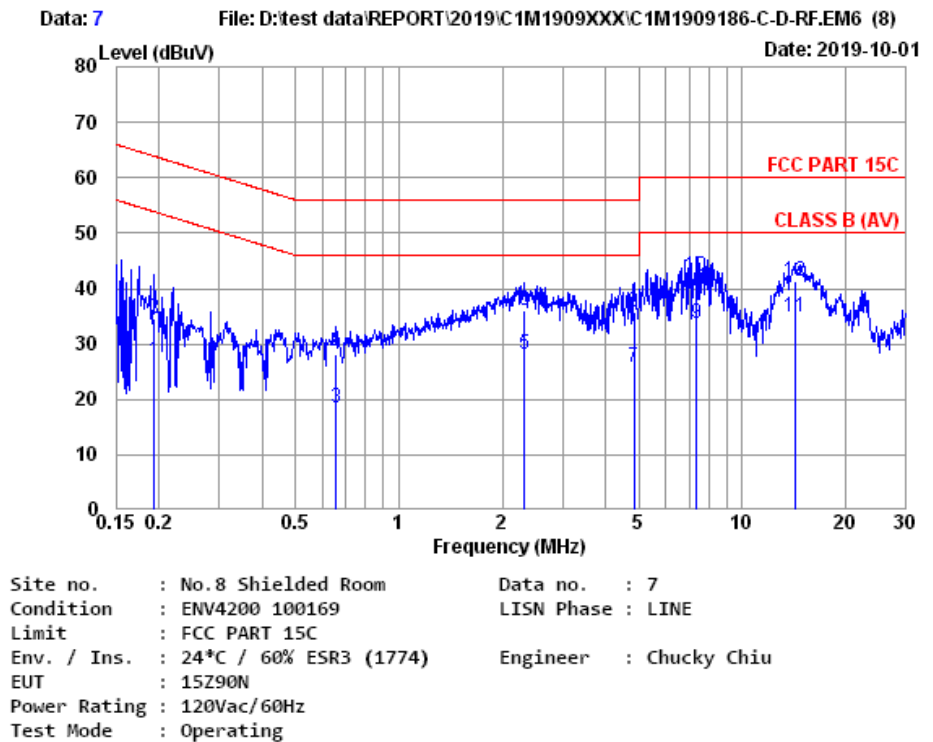
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.192	10.63	0.04	9.86	4.59	25.12	53.93	28.81	Average
2	0.192	10.63	0.04	9.86	14.49	35.02	63.93	28.91	QP
3	0.928	10.47	0.05	9.86	-0.79	19.59	46.00	26.41	Average
4	0.928	10.47	0.05	9.86	6.56	26.94	56.00	29.06	QP
5	2.213	10.53	0.07	9.86	5.98	26.44	46.00	19.56	Average
6	2.213	10.53	0.07	9.86	14.76	35.22	56.00	20.78	QP
7	4.996	10.81	0.10	9.87	4.55	25.33	46.00	20.67	Average
8	4.996	10.81	0.10	9.87	14.65	35.43	56.00	20.57	QP
9	7.810	11.17	0.13	9.88	9.72	30.90	50.00	19.10	Average
10	7.810	11.17	0.13	9.88	19.04	40.22	60.00	19.78	QP
11	14.440	12.53	0.16	9.92	13.34	35.95	50.00	14.05	Average
12	14.440	12.53	0.16	9.92	19.98	42.59	60.00	17.41	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

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Test Date	2019/10/01	Temp./Hum.	24°C/60%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Chucky Chiu
Test SKU	SKU #1	Test Model	15Z90N



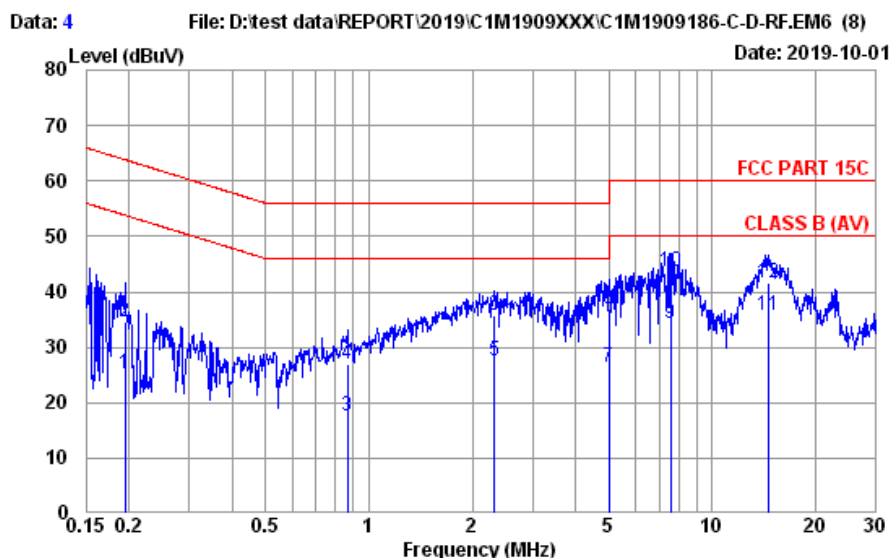
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.193	10.55	0.04	9.86	6.40	26.85	53.89	27.04	Average
2	0.193	10.55	0.04	9.86	14.23	34.68	63.89	29.21	QP
3	0.658	10.43	0.05	9.86	-1.98	18.36	46.00	27.64	Average
4	0.658	10.43	0.05	9.86	7.83	28.17	56.00	27.83	QP
5	2.321	10.47	0.07	9.86	7.77	28.17	46.00	17.83	Average
6	2.321	10.47	0.07	9.86	15.68	36.08	56.00	19.92	QP
7	4.848	10.68	0.10	9.87	5.26	25.91	46.00	20.09	Average
8	4.848	10.68	0.10	9.87	15.06	35.71	56.00	20.29	QP
9	7.368	10.95	0.12	9.88	12.76	33.71	50.00	16.29	Average
10	7.368	10.95	0.12	9.88	21.34	42.29	60.00	17.71	QP
11	14.288	12.16	0.16	9.92	12.73	34.97	50.00	15.03	Average
12	14.288	12.16	0.16	9.92	19.12	41.36	60.00	18.64	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

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Test Date	2019/10/01	Temp./Hum.	24°C/60%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Chucky Chiu
Test SKU	SKU #2	Test Model	15Z90N



Site no. : No.8 Shielded Room Data no. : 4
Condition : ENV4200 100169 LISN Phase : NEUTRAL
Limit : FCC PART 15C
Env. / Ins. : 24°C / 60% ESR3 (1774) Engineer : Chucky Chiu
EUT : 15Z90N
Power Rating : 120Vac/60Hz
Test Mode : Operating

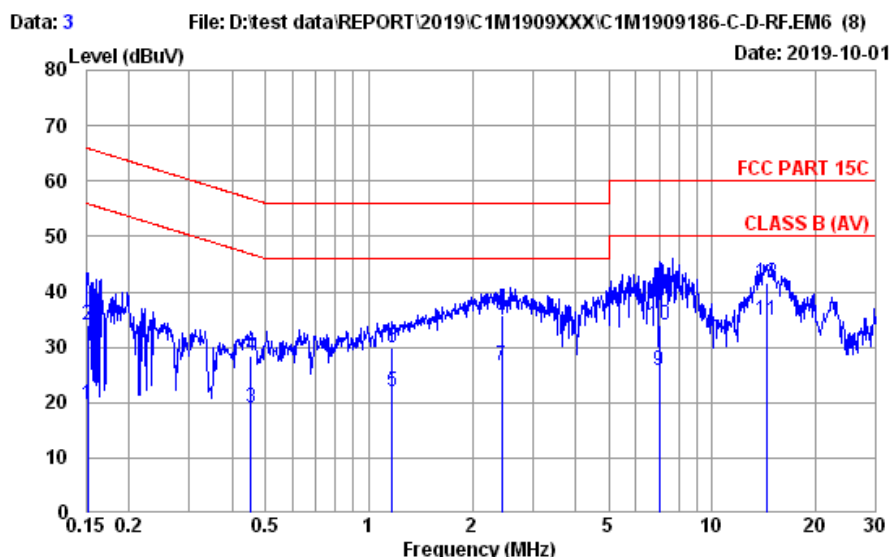
	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.194	10.63	0.04	9.86	4.57	25.10	53.84	28.74	Average
2	0.194	10.63	0.04	9.86	14.00	34.53	63.84	29.31	QP
3	0.866	10.47	0.05	9.86	-2.66	17.72	46.00	28.28	Average
4	0.866	10.47	0.05	9.86	6.62	27.00	56.00	29.00	QP
5	2.321	10.54	0.07	9.86	7.13	27.60	46.00	18.40	Average
6	2.321	10.54	0.07	9.86	15.21	35.68	56.00	20.32	QP
7	4.999	10.82	0.10	9.87	5.46	26.25	46.00	19.75	Average
8	4.999	10.82	0.10	9.87	16.16	36.95	56.00	19.05	QP
9	7.566	11.14	0.13	9.88	13.23	34.38	50.00	15.62	Average
10	7.566	11.14	0.13	9.88	22.43	43.58	60.00	16.42	QP
11	14.517	12.55	0.16	9.92	13.25	35.88	50.00	14.12	Average
12	14.517	12.55	0.16	9.92	19.02	41.65	60.00	18.35	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

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Test Date	2019/10/01	Temp./Hum.	24°C/60%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Chucky Chiu
Test SKU	SKU #2	Test Model	15Z90N



Site no. : No.8 Shielded Room Data no. : 3
Condition : ENV4200 100169 LISN Phase : LINE
Limit : FCC PART 15C
Env. / Ins. : 24°C / 60% ESR3 (1774) Engineer : Chucky Chiu
EUT : 15Z90N
Power Rating : 120Vac/60Hz
Test Mode : Operating

	Freq. (MHz)	AMN Factor (dB)	Cable Loss (dB)	Pulse Att. (dB)	Reading (dBμV)	Emission Level (dBμV)	Limits (dBμV)	Margin (dB)	Remark
1	0.152	10.62	0.04	9.86	-0.98	19.54	55.91	36.37	Average
2	0.152	10.62	0.04	9.86	13.58	34.10	65.91	31.81	QP
3	0.454	10.45	0.04	9.86	-1.31	19.04	46.80	27.76	Average
4	0.454	10.45	0.04	9.86	8.14	28.49	56.80	28.31	QP
5	1.166	10.43	0.05	9.86	1.61	21.95	46.00	24.05	Average
6	1.166	10.43	0.05	9.86	9.68	30.02	56.00	25.98	QP
7	2.435	10.48	0.08	9.86	6.12	26.54	46.00	19.46	Average
8	2.435	10.48	0.08	9.86	15.34	35.76	56.00	20.24	QP
9	7.025	10.92	0.12	9.88	4.79	25.71	50.00	24.29	Average
10	7.025	10.92	0.12	9.88	12.96	33.88	60.00	26.12	QP
11	14.364	12.18	0.16	9.92	12.66	34.92	50.00	15.08	Average
12	14.364	12.18	0.16	9.92	19.29	41.55	60.00	18.45	QP

Remarks: 1. Emission Level= AMN Factor + Cable Loss + Pulse Att. + Reading.
2. If the average limit is met when using a quasi-peak detector,
the EUT shall be deemed to meet both limits and measurement
with average detector is unnecessary.

A.2 RADIATED EMISSION

Test Date	2019/09/25 ~ 10/01	Temp./Hum.	23 ~ 24°C/45 ~ 54%
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Tested By	Kuper Hsu
		Test Model	15Z90N

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

Test SKU: SKU #1

Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
126.03	18.31	2.60	17.92	38.83	43.50	4.67	Peak
238.55	18.26	3.82	16.30	38.38	46.00	7.62	Peak
371.44	21.71	5.46	17.61	44.78	46.00	1.22	Peak
697.36	25.42	7.35	9.10	41.87	46.00	4.13	Peak
793.39	26.43	7.86	7.29	41.58	46.00	4.42	Peak
965.08	27.82	8.83	2.80	39.45	54.00	14.55	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
83.35	14.12	2.08	22.30	38.50	40.00	1.50	Peak
121.18	18.58	2.54	15.21	36.33	43.50	7.17	Peak
242.43	18.46	3.86	18.60	40.92	46.00	5.08	Peak
371.44	21.71	5.46	15.96	43.13	46.00	2.87	Peak
697.36	25.42	7.35	6.46	39.23	46.00	6.77	Peak
969.93	27.84	8.86	1.75	38.45	54.00	15.55	Peak

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Test SKU: SKU #2

Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
36.79	21.37	1.33	10.57	33.27	40.00	6.73	Peak
125.06	18.36	2.59	17.42	38.37	43.50	5.13	Peak
240.49	18.38	3.84	22.07	44.29	46.00	1.71	Peak
323.91	20.43	4.78	14.89	40.10	46.00	5.90	Peak
697.36	25.42	7.35	9.12	41.89	46.00	4.11	Peak
793.39	26.43	7.86	6.62	40.91	46.00	5.09	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
58.13	12.87	1.70	21.83	36.40	40.00	3.60	Peak
118.27	18.55	2.51	16.78	37.84	43.50	5.66	Peak
247.28	18.70	3.91	20.32	42.93	46.00	3.07	Peak
323.91	20.43	4.78	11.44	36.65	46.00	9.35	Peak
648.86	25.12	7.11	3.34	35.57	46.00	10.43	Peak
968.96	27.84	8.86	3.32	40.02	54.00	13.98	Peak

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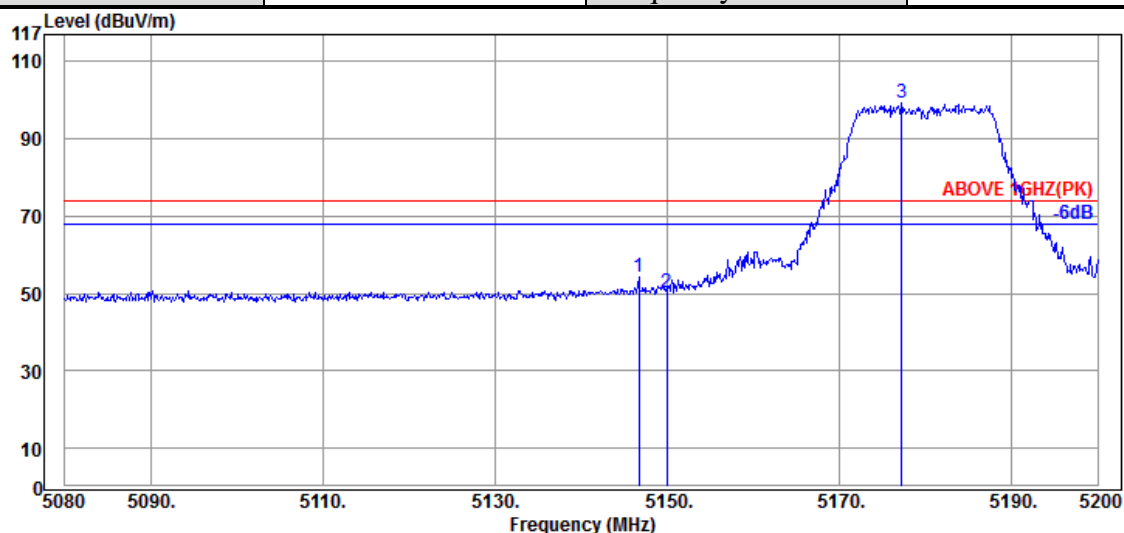
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A.2.1.3 Frequency Above 1 GHz to 10th harmonics

Band Edge:

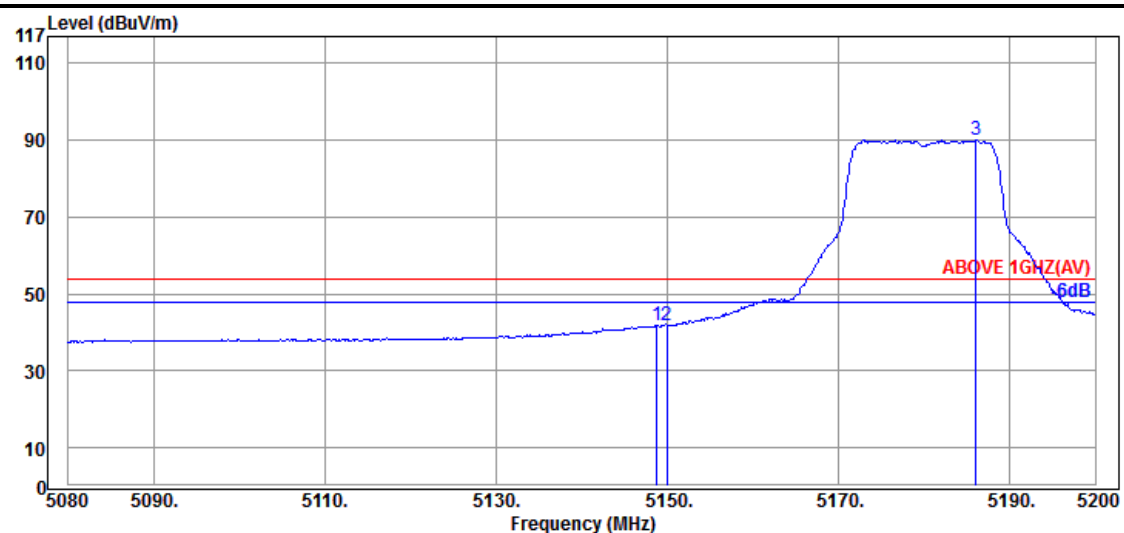
Test SKU: SKU #1

Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
5146.72	34.70	10.61	8.89	54.20	74.00	19.80	Peak
5149.96	34.70	10.61	5.05	50.36	74.00	23.64	Peak
@ 5177.20	34.57	10.63	54.06	99.26	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
5148.76	34.70	10.61	-3.32	41.99	54.00	12.01	Average
5149.96	34.70	10.61	-3.44	41.87	54.00	12.13	Average
@ 5186.08	34.57	10.63	44.90	90.10	---	---	Average

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

File Number: CIM1909186

Report Number: EM-F190341

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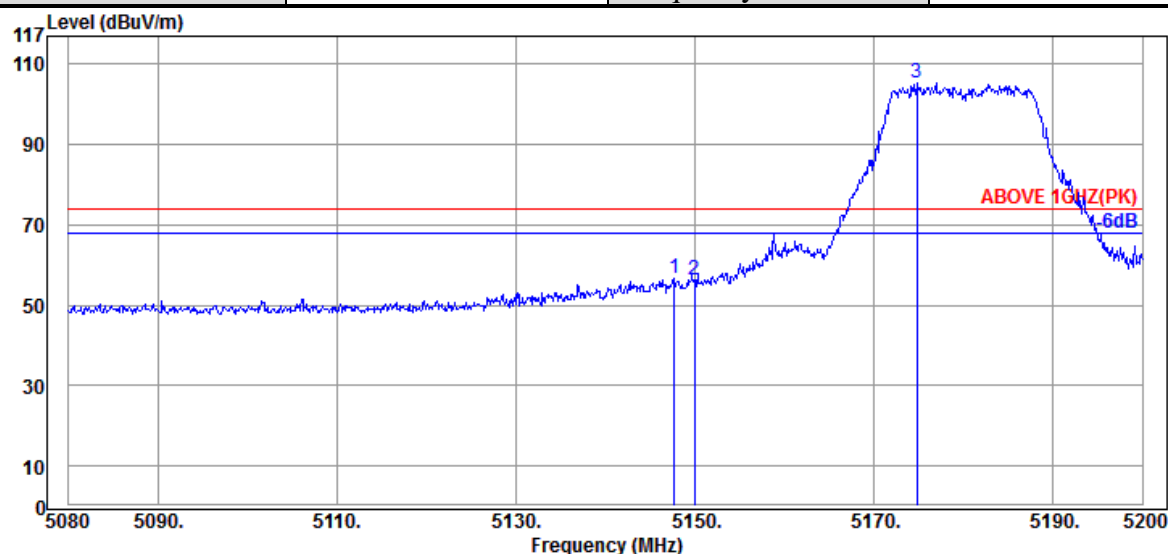
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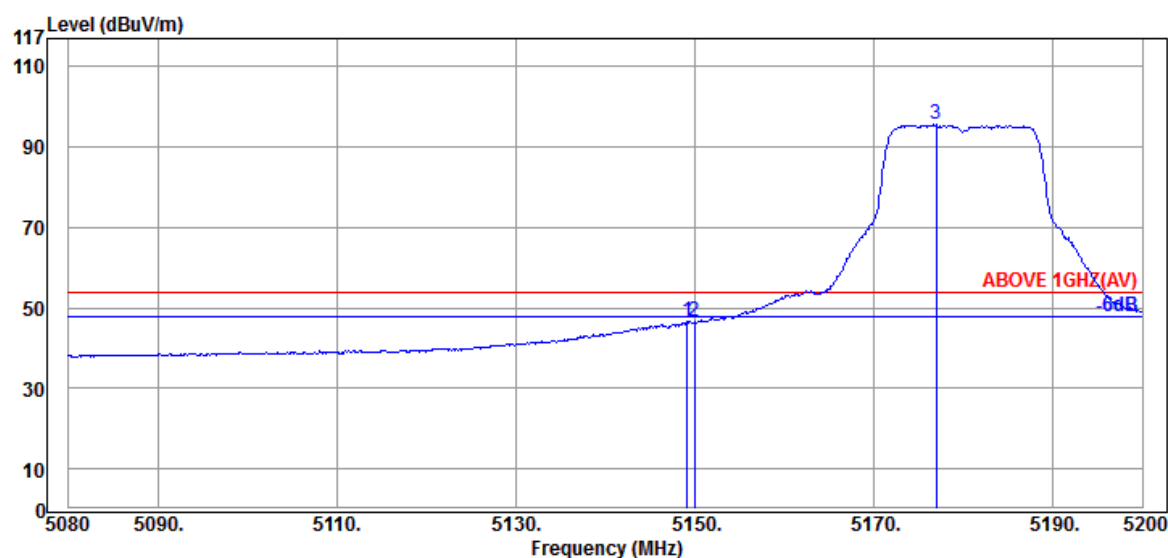
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Mode	802.11a	UNII Band	I
		Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.68	34.70	10.61	11.37	56.68	74.00	17.32	Peak
5149.96	34.70	10.61	10.96	56.27	74.00	17.73	Peak
@ 5174.80	34.57	10.63	60.33	105.53	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.12	34.70	10.61	1.20	46.51	54.00	7.49	Average
5149.96	34.70	10.61	1.32	46.63	54.00	7.37	Average
@ 5176.96	34.57	10.63	50.37	95.57	---	---	Average

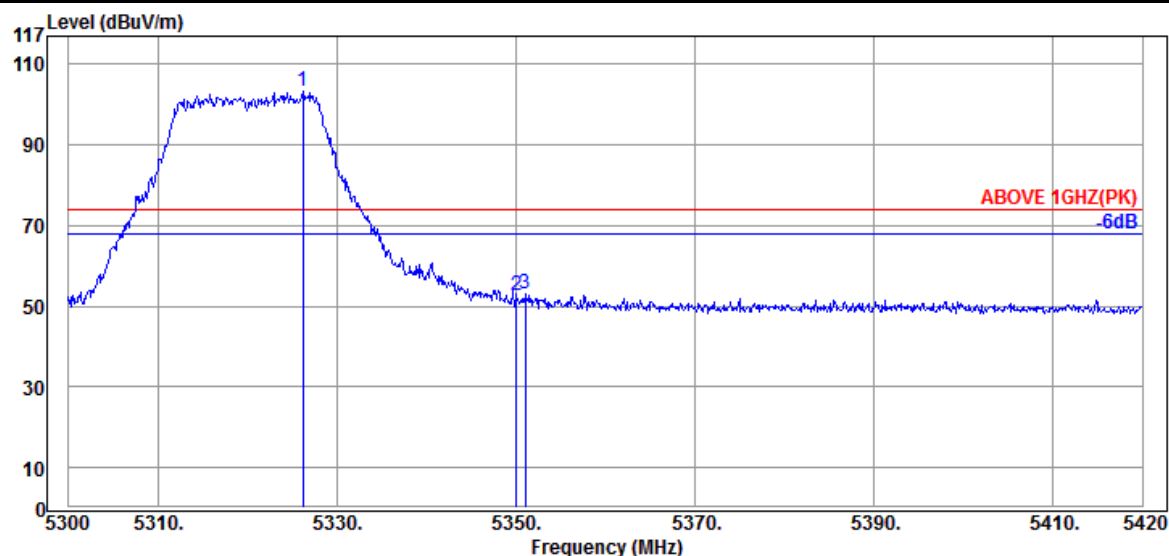
Remark: The “@” means fundamental frequency, it is ignored in this section.

File Number: CIM1909186

Report Number: EM-F190341

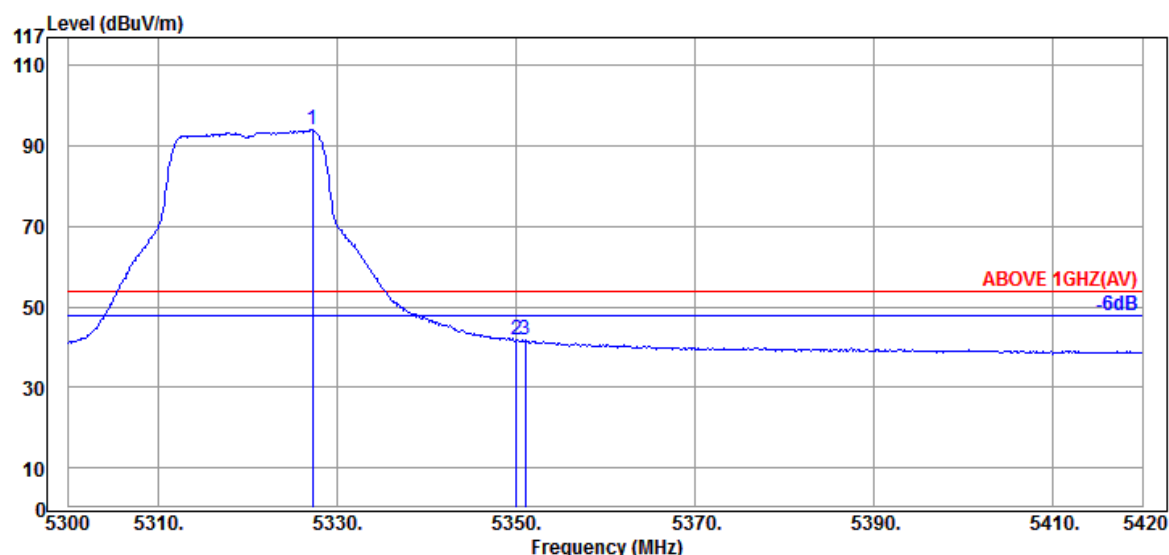
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Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5320MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.16	34.67	10.74	58.10	103.51	---	---	Peak
	5350.04	34.80	10.76	7.04	52.60	74.00	21.40	Peak
	5351.00	34.80	10.76	7.63	53.19	74.00	20.81	Peak

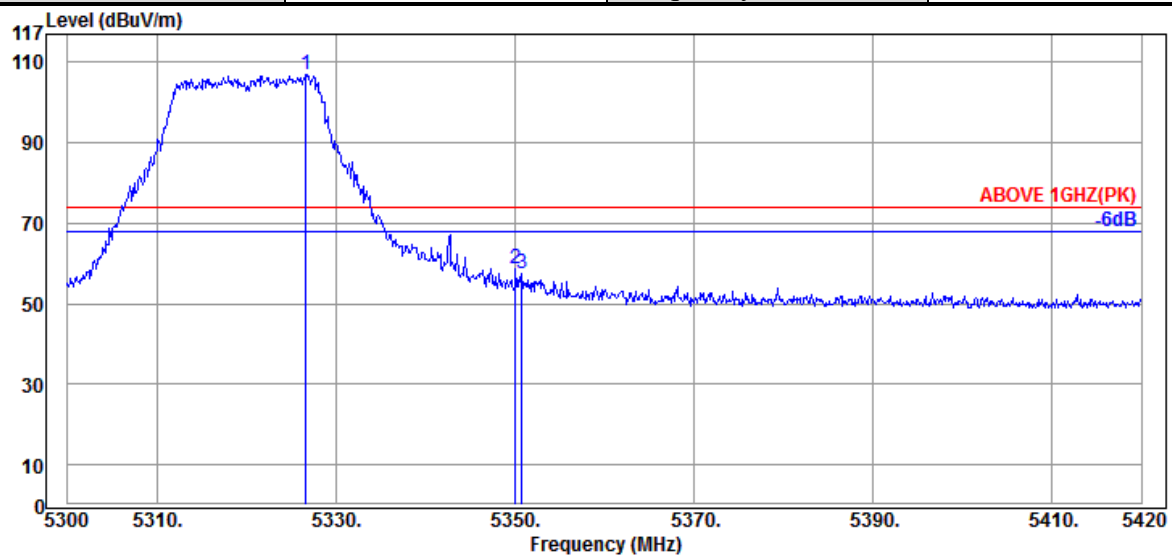


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.24	34.73	10.75	48.58	94.06	---	---	Average
	5350.04	34.80	10.76	-3.78	41.78	54.00	12.22	Average
	5351.00	34.80	10.76	-3.75	41.81	54.00	12.19	Average

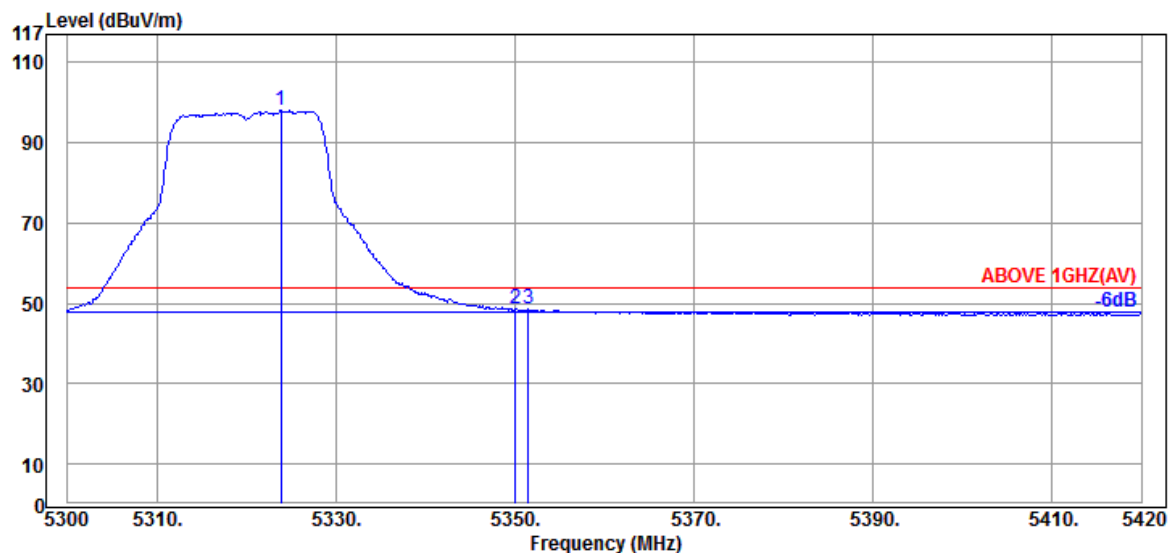
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5320MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.64	34.73	10.75	61.48	106.96	---	---	Peak
	5350.04	34.80	10.76	13.04	58.60	74.00	15.40	Peak
	5350.76	34.80	10.76	12.00	57.56	74.00	16.44	Peak



Antenna at Vertical Polarization

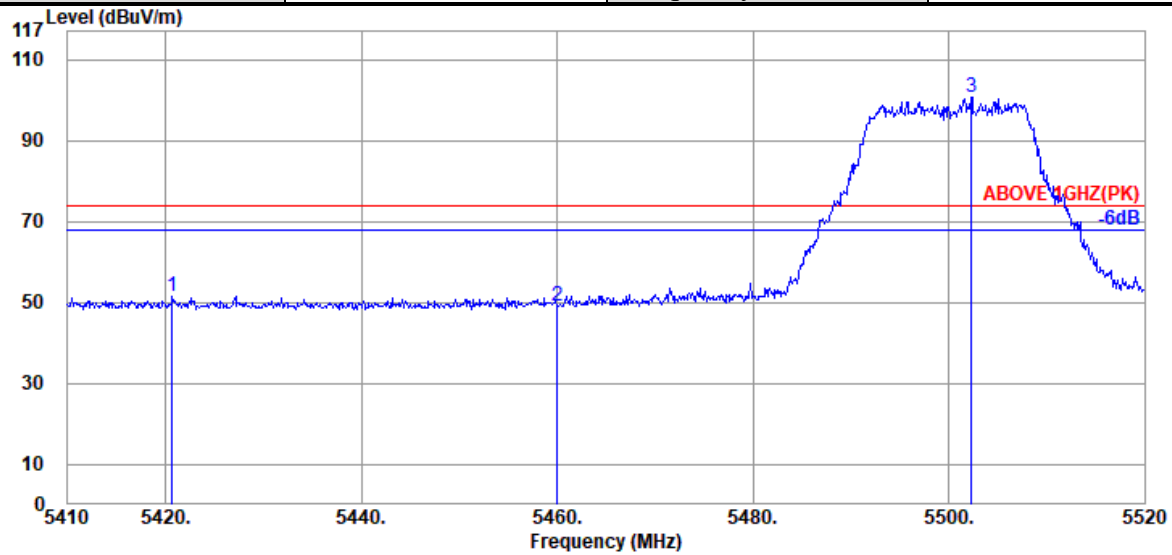
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@	5323.88	34.67	10.74	52.65	98.06	---	---	Average
	5350.04	34.80	10.76	3.00	48.56	54.00	5.44	Average
	5351.48	34.80	10.76	2.89	48.45	54.00	5.55	Average

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

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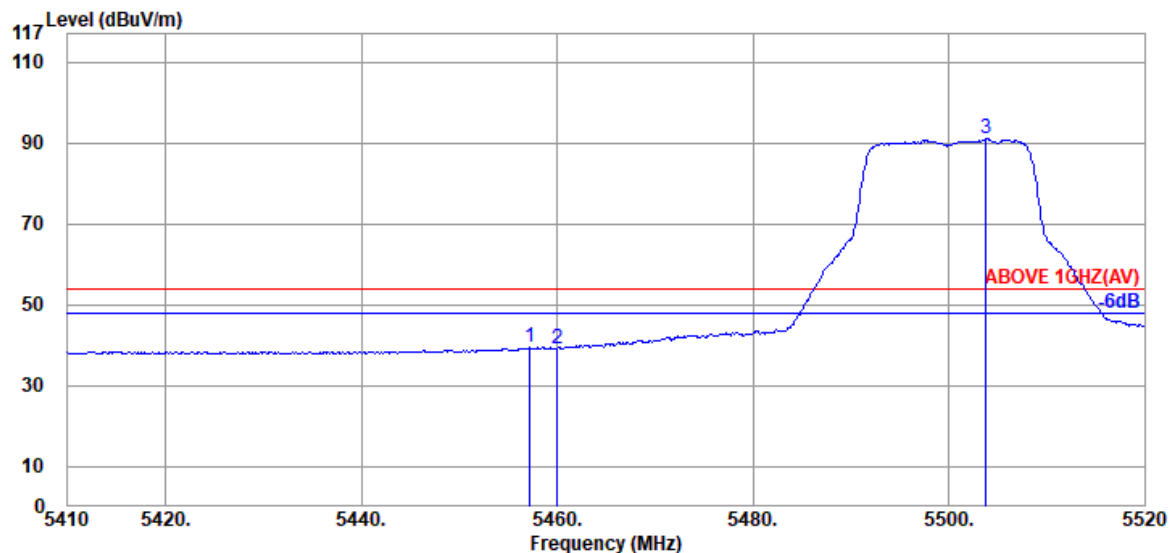
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Fax: +886 2 26099303

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5420.67	34.83	10.82	5.88	51.53	74.00	22.47	Peak
5460.05	34.70	10.84	3.51	49.05	74.00	24.95	Peak
@ 5502.29	34.60	10.88	55.16	100.64	---	---	Peak

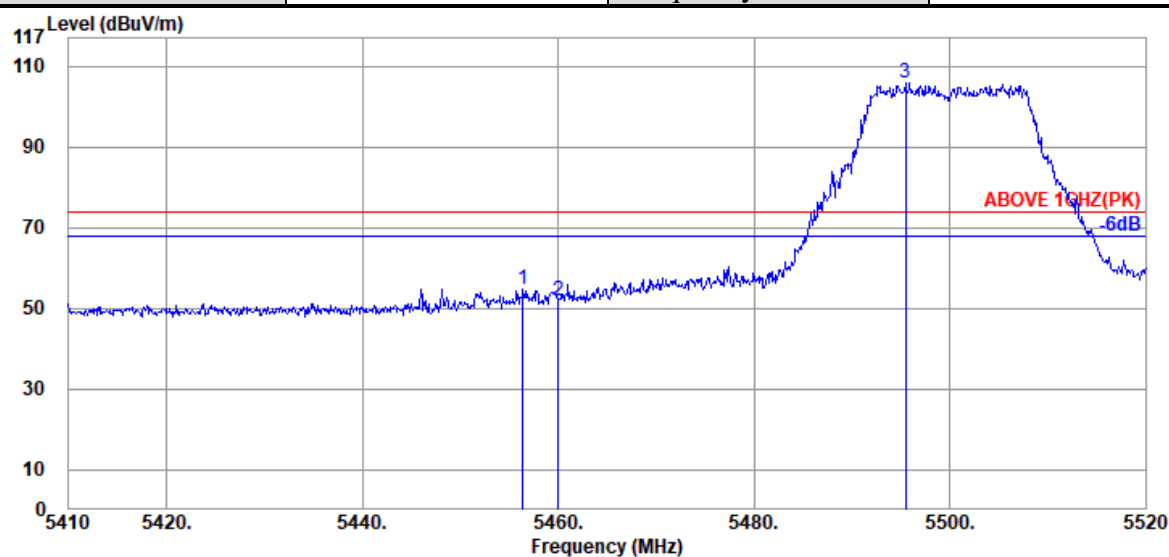


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.19	34.70	10.84	-6.12	39.42	54.00	14.58	Average
5460.05	34.70	10.84	-6.26	39.28	54.00	14.72	Average
@ 5503.83	34.60	10.88	45.42	90.90	---	---	Average

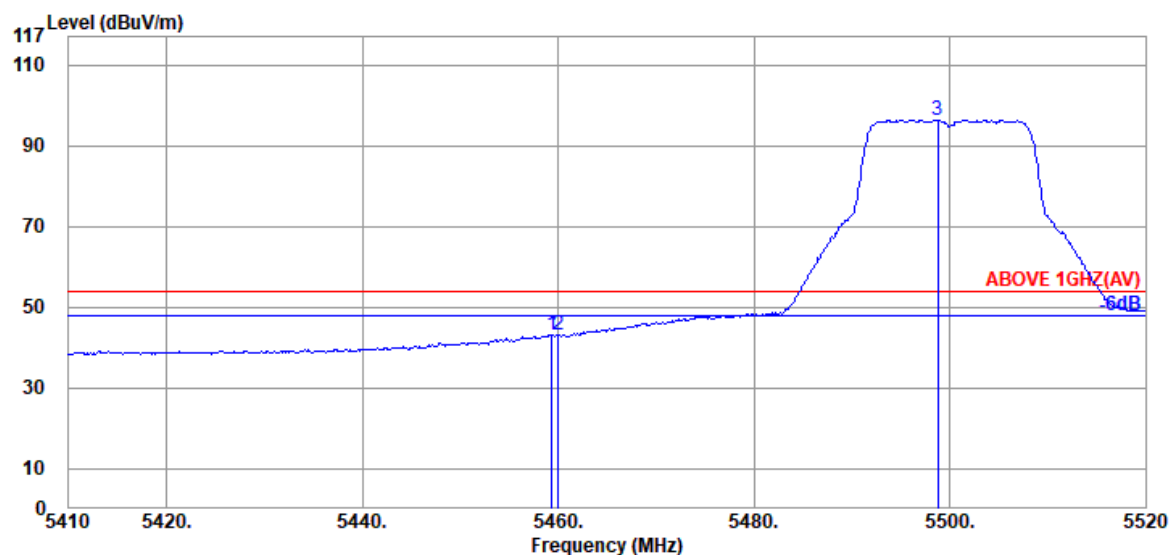
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5456.42	34.70	10.84	9.23	54.77	74.00	19.23	Peak
5460.05	34.70	10.84	6.37	51.91	74.00	22.09	Peak
@ 5495.47	34.63	10.87	60.25	105.75	---	---	Peak



Antenna at Vertical Polarization

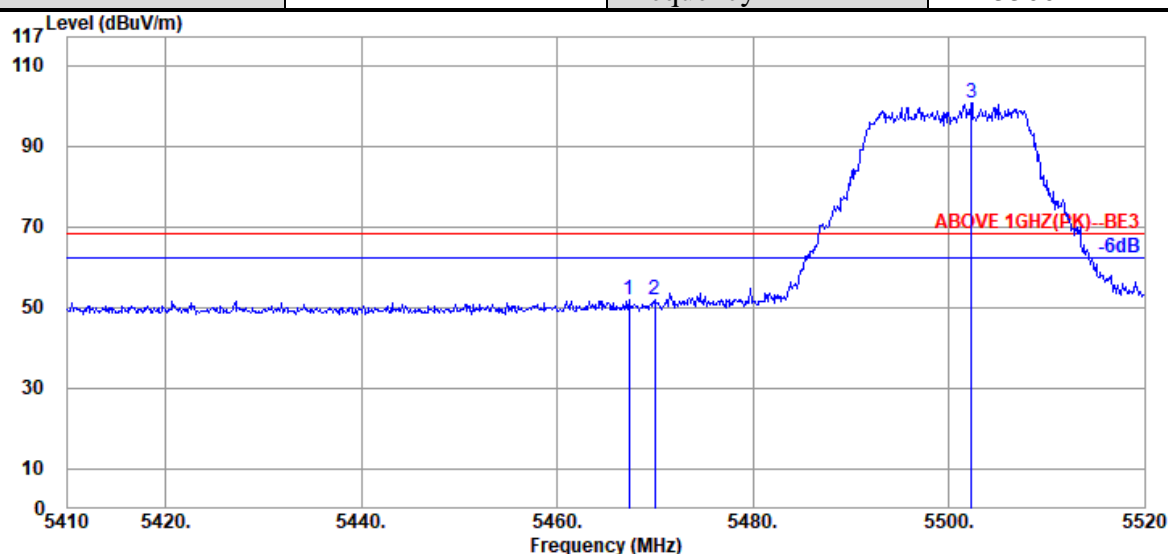
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5459.39	34.70	10.84	-2.34	43.20	54.00	10.80	Average
5460.05	34.70	10.84	-2.45	43.09	54.00	10.91	Average
@ 5498.77	34.60	10.88	50.88	96.36	---	---	Average

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

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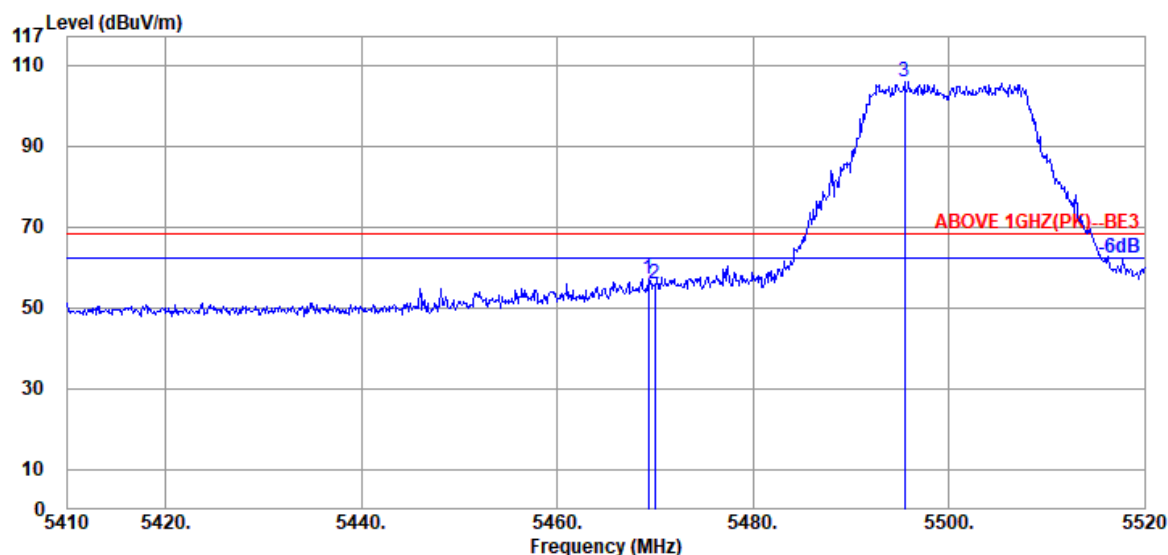
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Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.31	34.67	10.85	6.23	51.75	68.20	16.45	Peak
5469.95	34.67	10.85	6.46	51.98	68.20	16.22	Peak
@ 5502.29	34.60	10.88	55.16	100.64	---	---	Peak



Antenna at Vertical Polarization

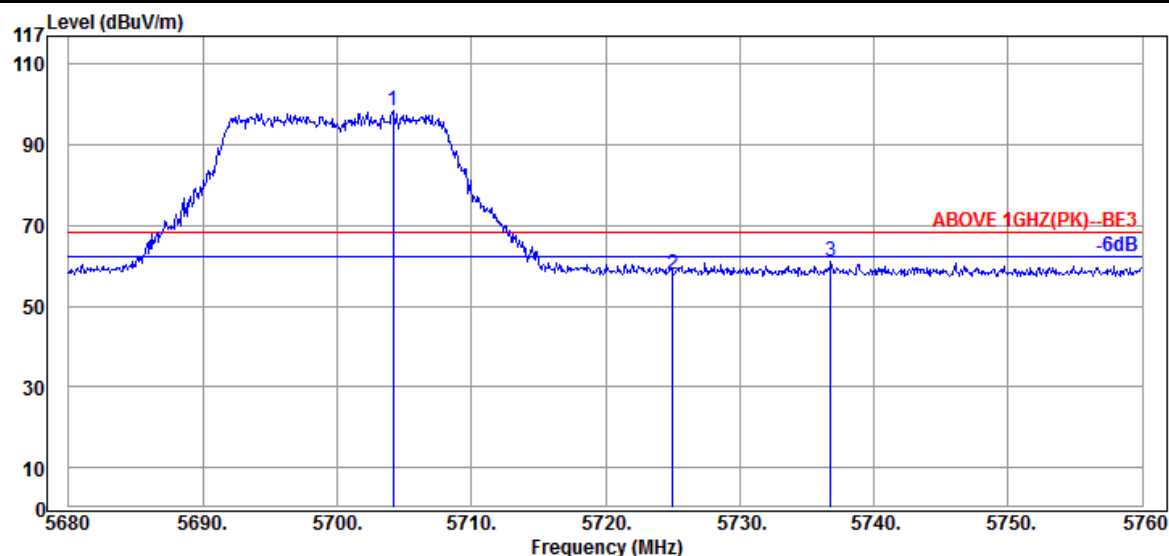
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5469.29	34.67	10.85	11.63	57.15	68.20	11.05	Peak
5469.95	34.67	10.85	10.37	55.89	68.20	12.31	Peak
@ 5495.47	34.63	10.87	60.25	105.75	---	---	Peak

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

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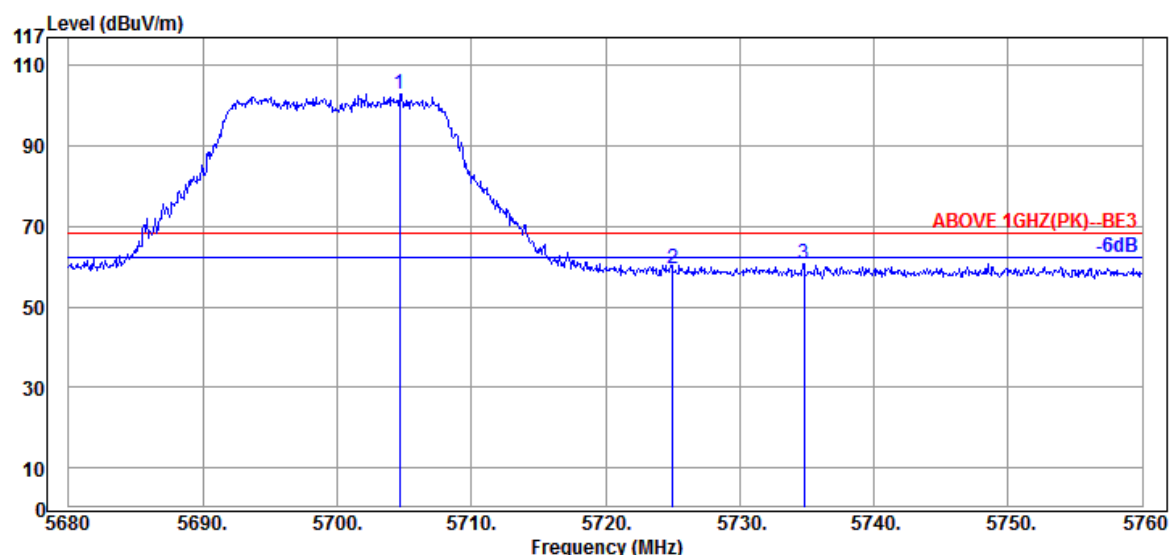
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Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5700MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5704.16	34.87	10.90	52.63	98.40	---	---	Peak
	5725.04	34.83	10.91	12.04	57.78	68.20	10.42	Peak
	5736.80	34.80	10.91	15.31	61.02	68.20	7.18	Peak

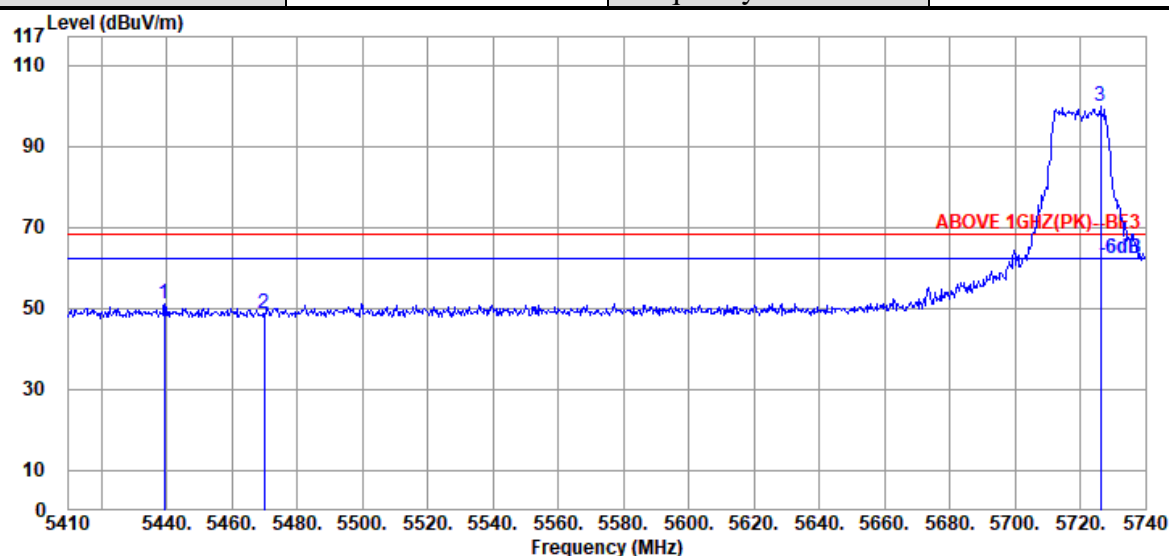


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5704.64	34.87	10.90	57.07	102.84	---	---	Peak
	5725.04	34.83	10.91	13.77	59.51	68.20	8.69	Peak
	5734.80	34.80	10.91	15.01	60.72	68.20	7.48	Peak

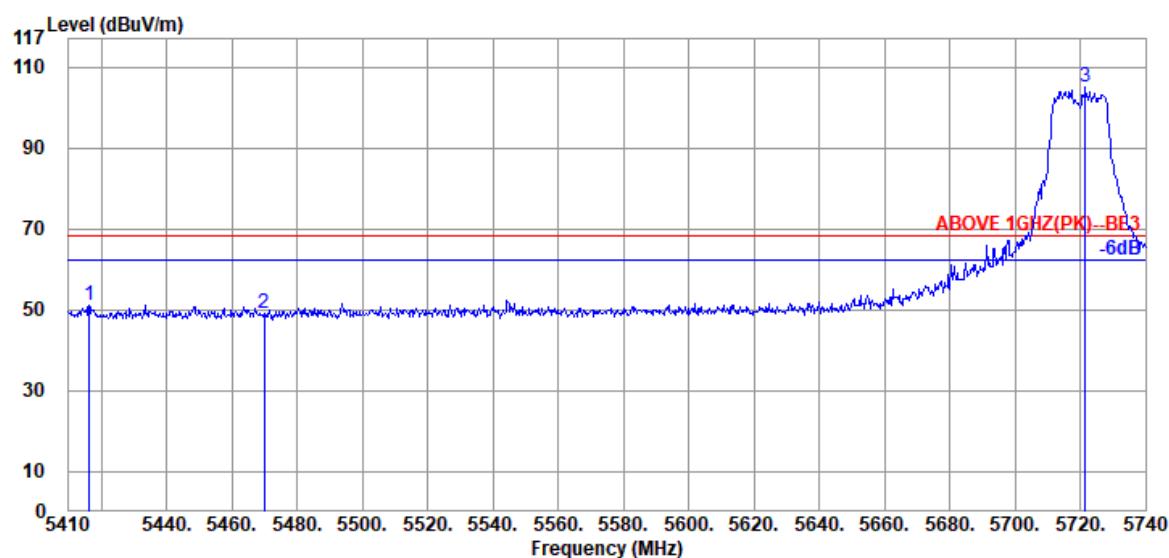
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5439.37	34.74	10.83	5.44	51.01	68.20	17.19	Peak
5470.06	34.66	10.86	3.38	48.90	68.20	19.30	Peak
@ 5726.14	34.85	10.91	53.99	99.75	---	---	Peak

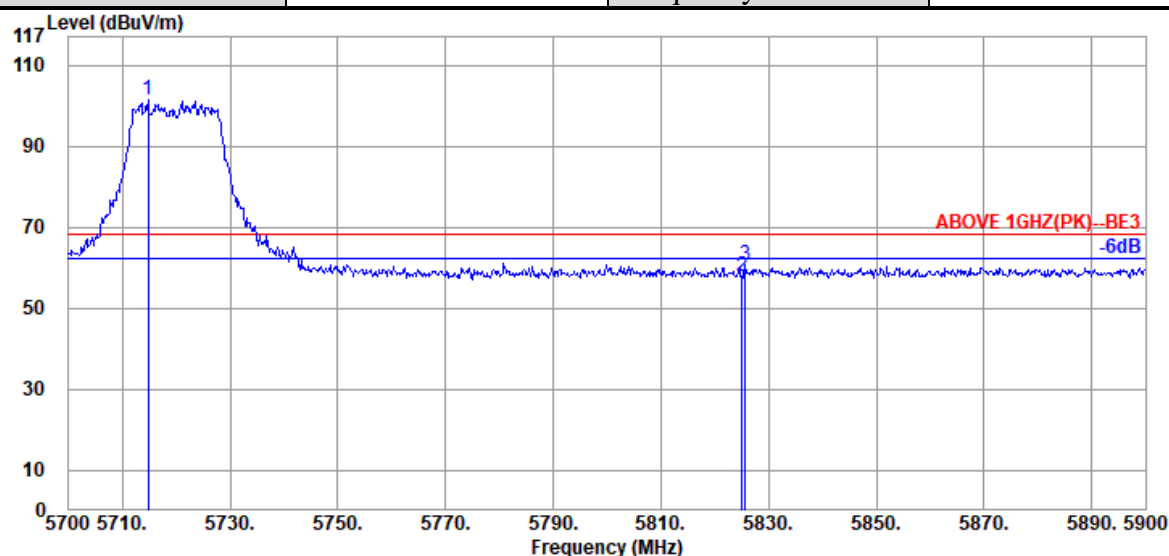


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5416.27	34.83	10.81	5.58	51.22	68.20	16.98	Peak
5470.06	34.66	10.86	3.64	49.16	68.20	19.04	Peak
@ 5721.52	34.86	10.91	59.11	104.88	---	---	Peak

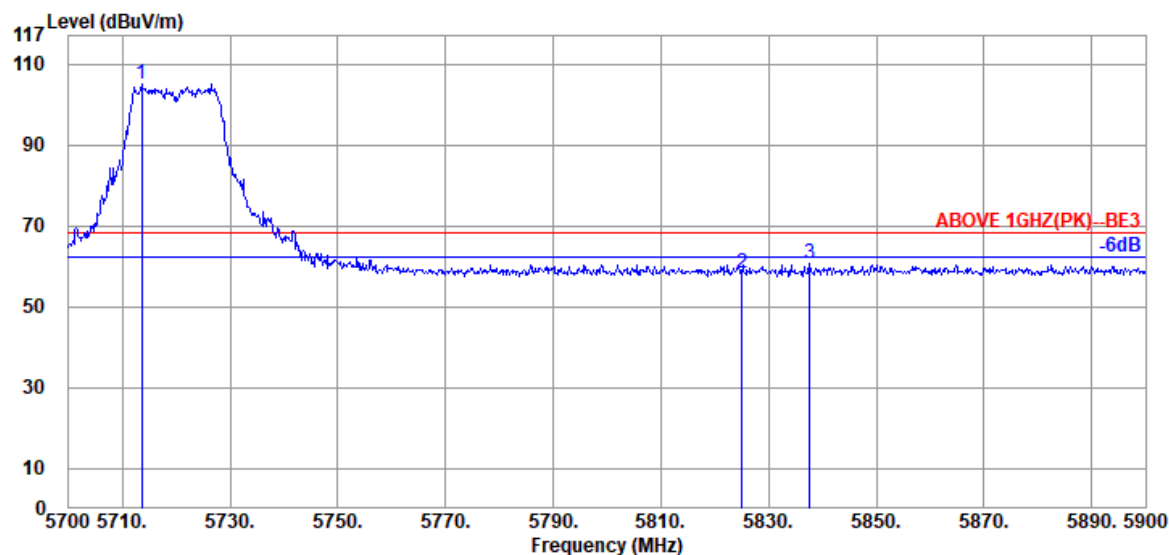
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5714.80	34.87	10.90	55.70	101.47	---	---	Peak
5825.00	35.33	10.92	11.82	58.07	68.20	10.13	Peak
@ 5825.60	35.33	10.92	14.30	60.55	68.20	7.65	Peak

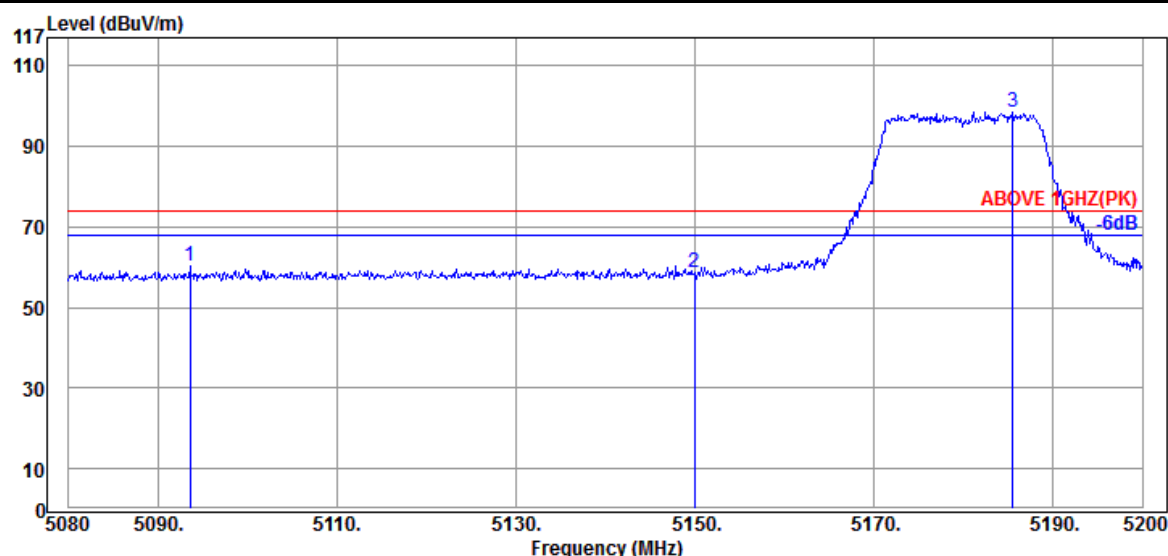


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5713.60	34.87	10.90	59.38	105.15	---	---	Peak
5825.00	35.33	10.92	12.04	58.29	68.20	9.91	Peak
@ 5837.60	35.50	10.92	14.31	60.73	68.20	7.47	Peak

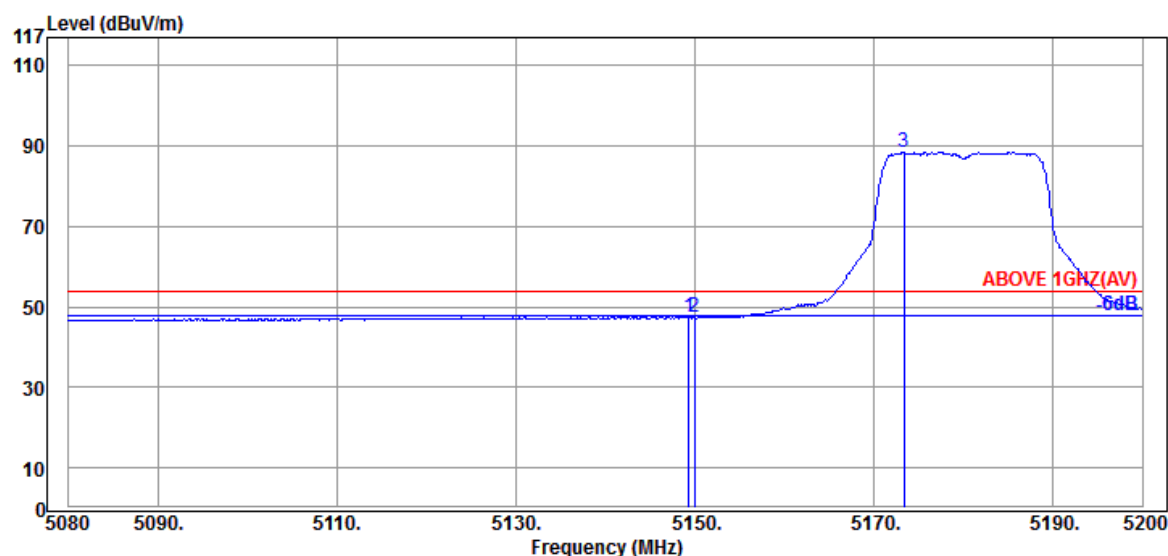
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Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5093.56	34.50	10.57	15.36	60.43	74.00	13.57	Peak
5149.96	34.70	10.61	13.27	58.58	74.00	15.42	Peak
@ 5185.48	34.57	10.63	53.21	98.41	---	---	Peak

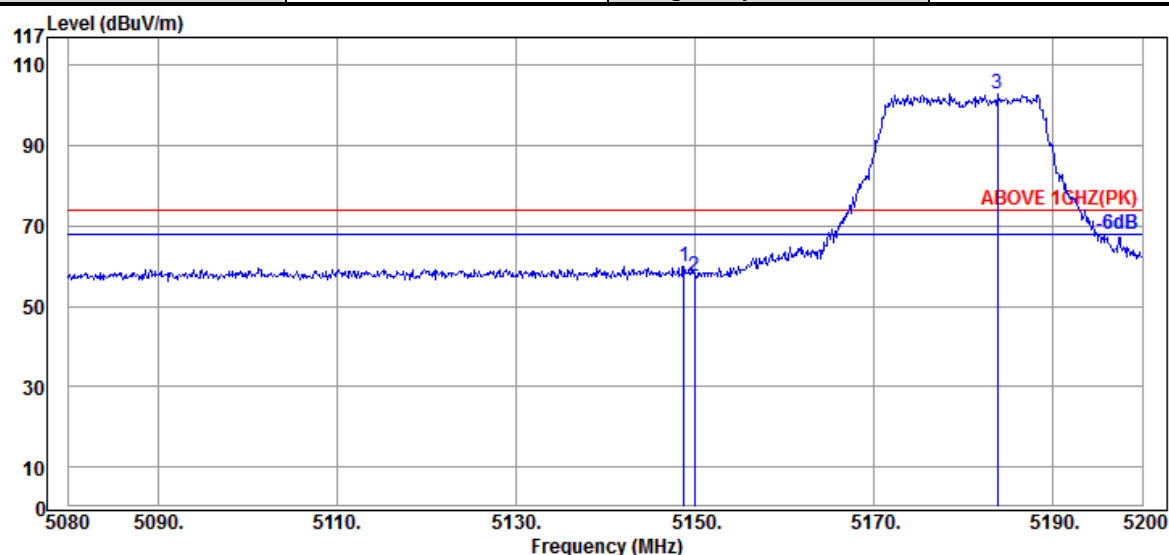


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.36	34.70	10.61	2.31	47.62	54.00	6.38	Average
5149.96	34.70	10.61	2.11	47.42	54.00	6.58	Average
@ 5173.36	34.63	10.62	43.24	88.49	---	---	Average

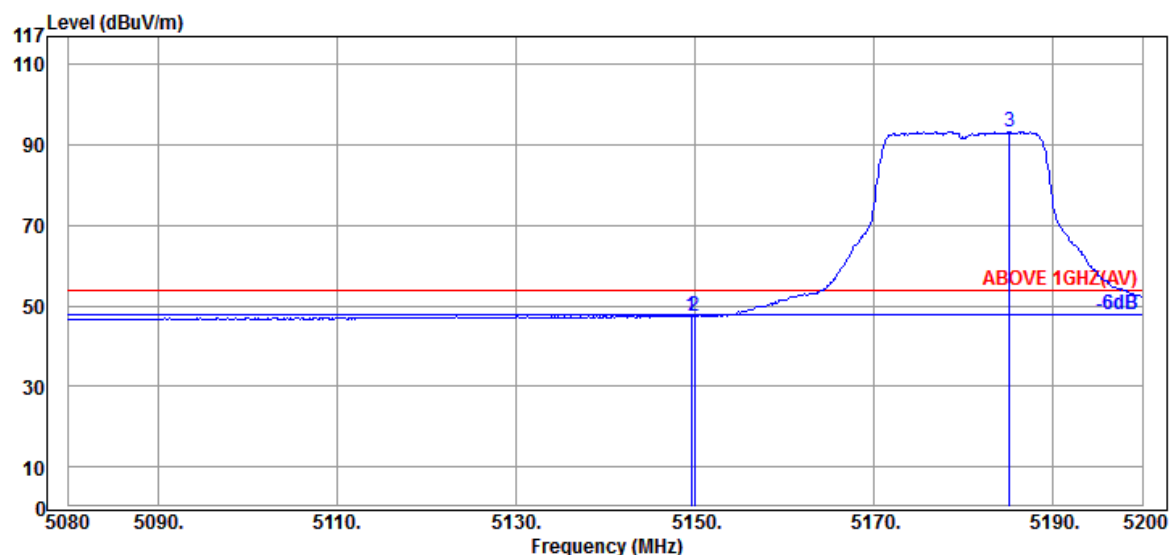
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.76	34.70	10.61	14.62	59.93	74.00	14.07	Peak
5149.96	34.70	10.61	12.12	57.43	74.00	16.57	Peak
@ 5183.80	34.57	10.63	57.71	102.91	---	---	Peak

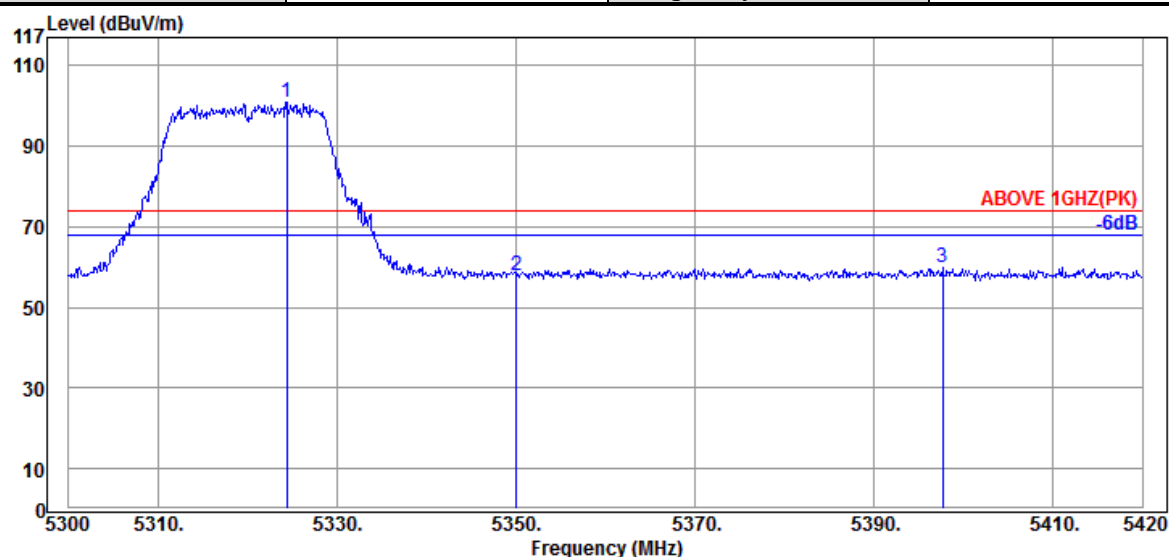


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.60	34.70	10.61	2.33	47.64	54.00	6.36	Average
5149.96	34.70	10.61	2.20	47.51	54.00	6.49	Average
@ 5185.12	34.57	10.63	48.04	93.24	---	---	Average

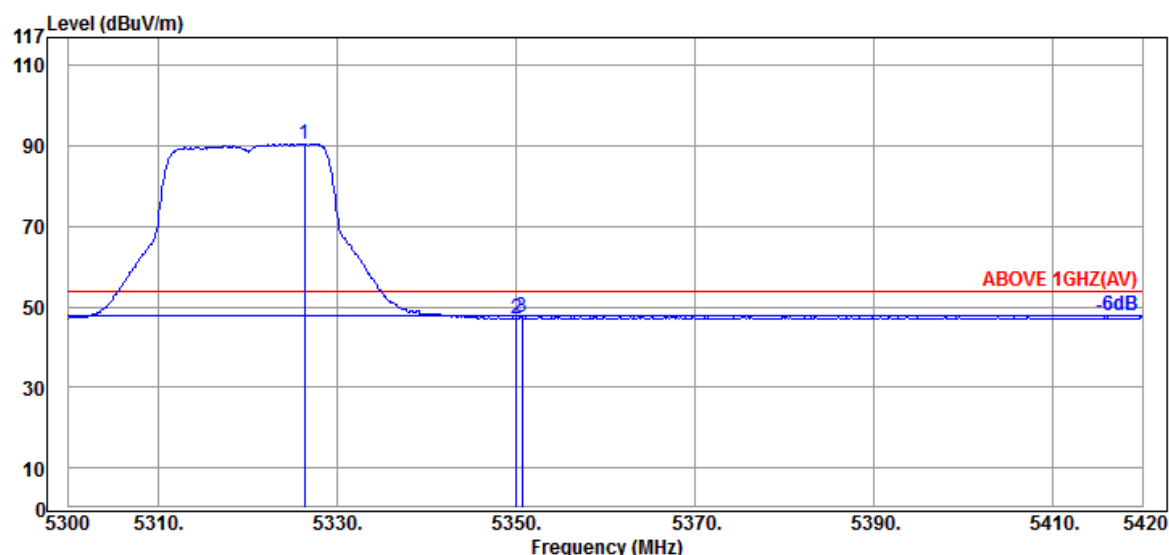
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5324.36	34.67	10.74	55.70	101.11	---	---	Peak
	5350.04	34.80	10.76	12.43	57.99	74.00	16.01	Peak
	5397.68	34.90	10.80	14.28	59.98	74.00	14.02	Peak

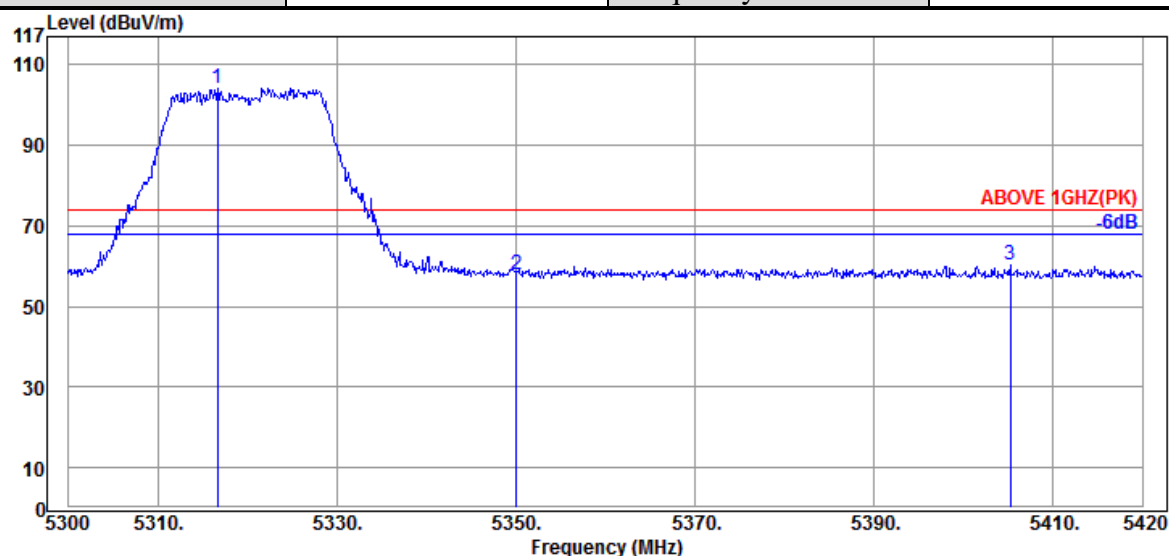


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.40	34.67	10.74	45.15	90.56	---	---	Average
	5350.04	34.80	10.76	1.62	47.18	54.00	6.82	Average
	5350.64	34.80	10.76	2.04	47.60	54.00	6.40	Average

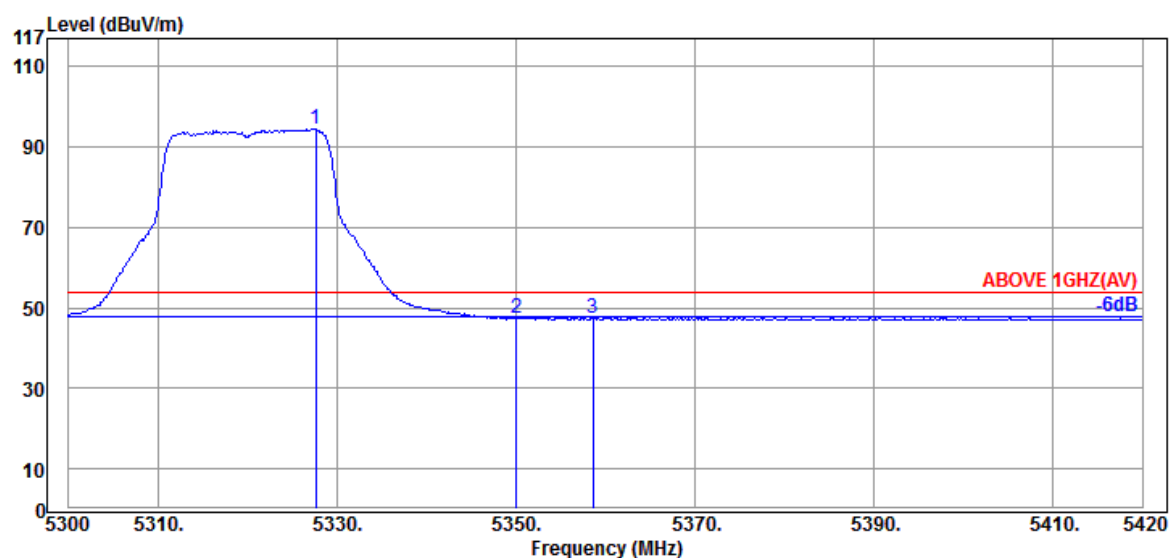
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5320MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5316.68	34.67	10.74	58.90	104.31	---	---	Peak
	5350.04	34.80	10.76	12.54	58.10	74.00	15.90	Peak
	5405.24	34.90	10.80	14.42	60.12	74.00	13.88	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.60	34.73	10.75	49.10	94.58	---	---	Average
	5350.04	34.80	10.76	1.71	47.27	54.00	6.73	Average
	5358.56	34.80	10.76	2.00	47.56	54.00	6.44	Average

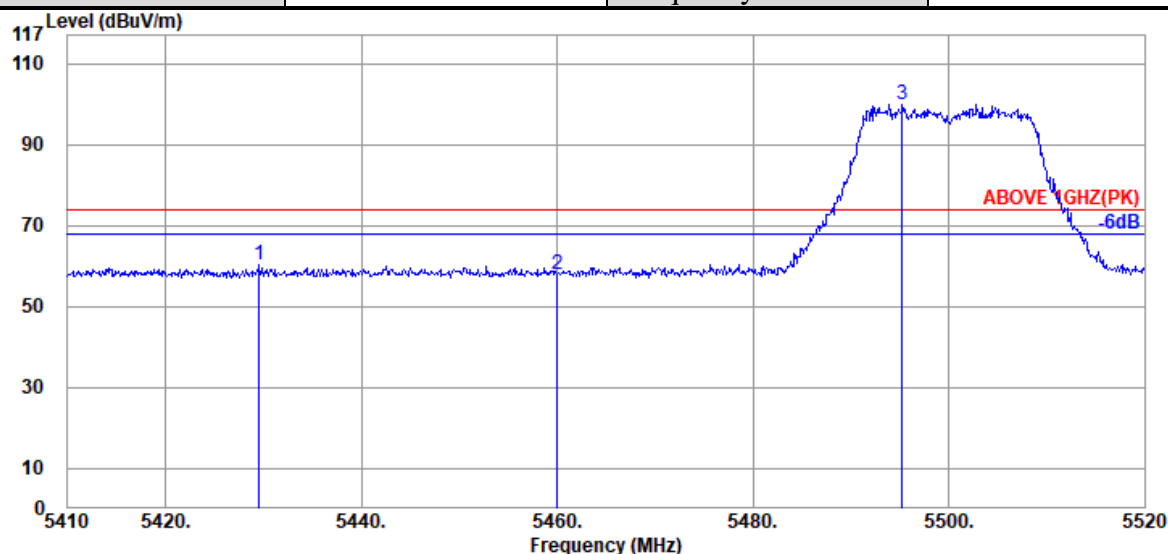
Remark: The “@” means fundamental frequency, it is ignored in this section.

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Report Number: EM-F190341

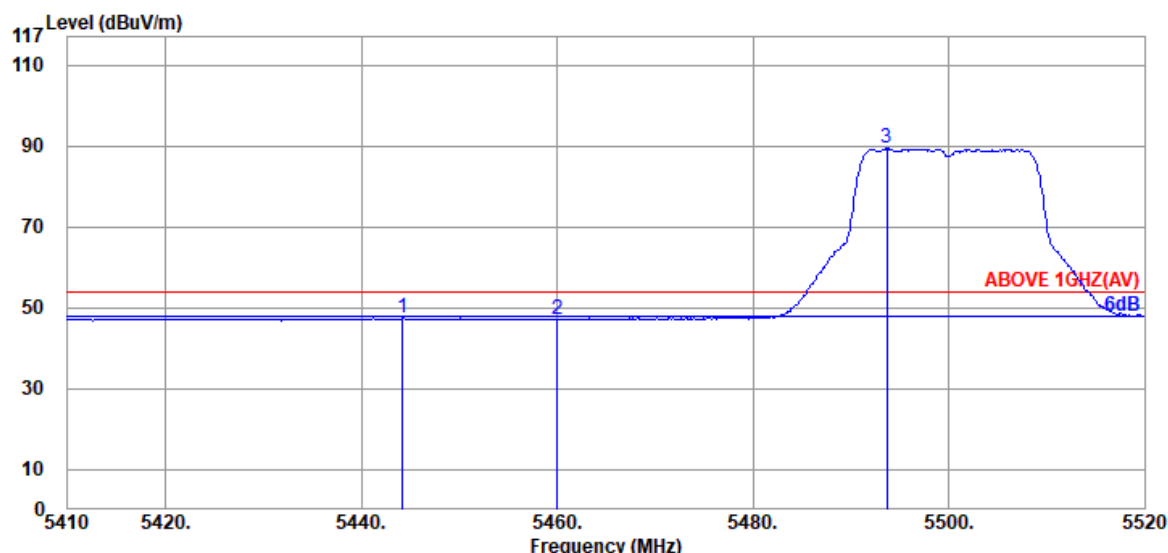
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Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5429.58	34.77	10.83	14.53	60.13	74.00	13.87	Peak
5460.05	34.70	10.84	12.38	57.92	74.00	16.08	Peak
@ 5495.25	34.63	10.87	54.24	99.74	---	---	Peak

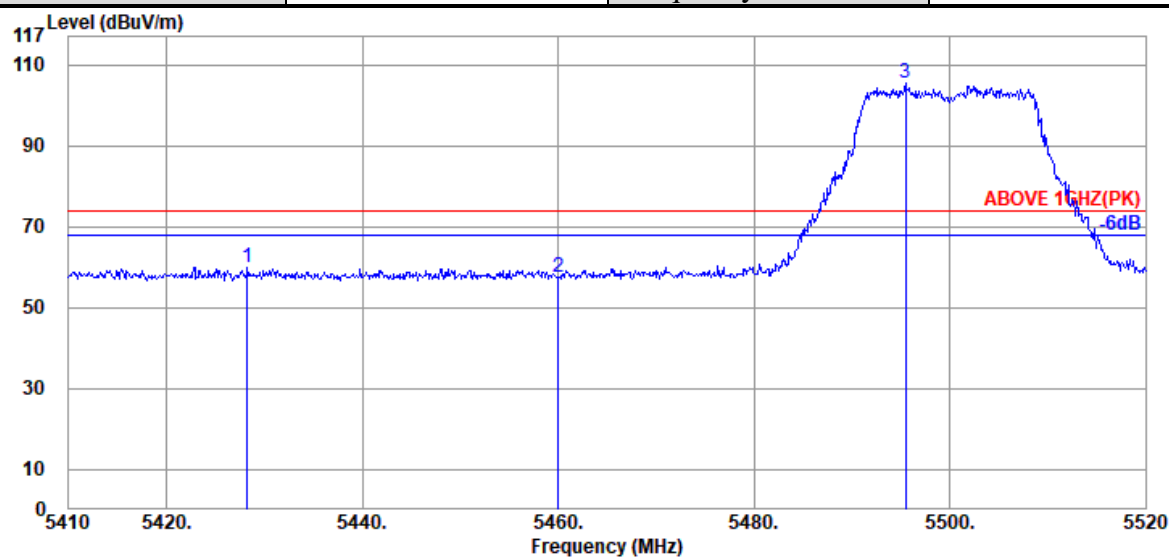


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5444.21	34.77	10.83	1.84	47.44	54.00	6.56	Average
5460.05	34.70	10.84	1.56	47.10	54.00	6.90	Average
@ 5493.71	34.63	10.87	43.88	89.38	---	---	Average

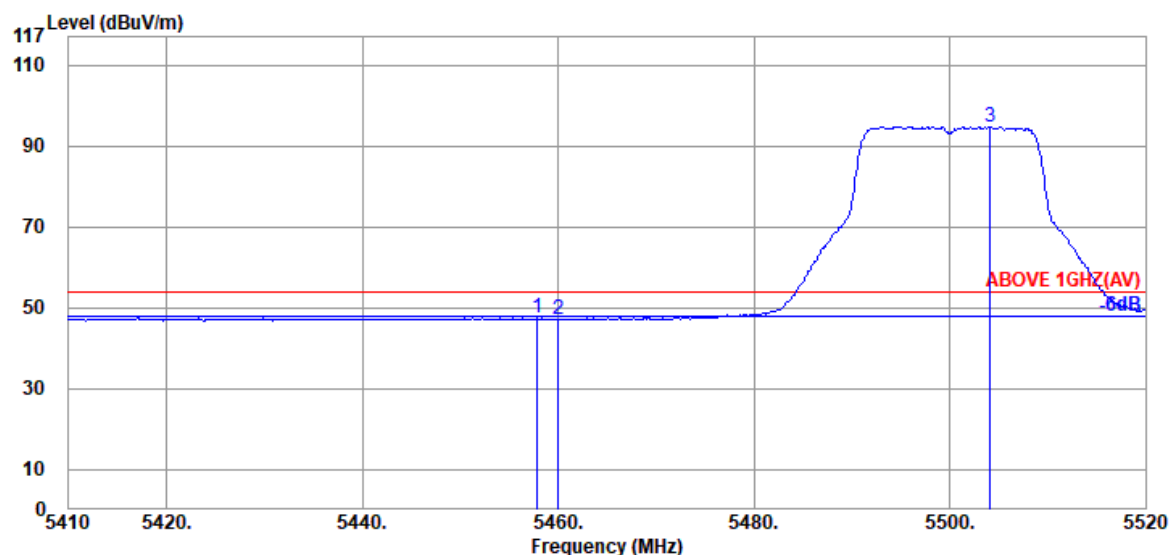
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5428.26	34.83	10.82	14.34	59.99	74.00	14.01	Peak
5460.05	34.70	10.84	12.16	57.70	74.00	16.30	Peak
@ 5495.47	34.63	10.87	59.89	105.39	---	---	Peak



Antenna at Vertical Polarization

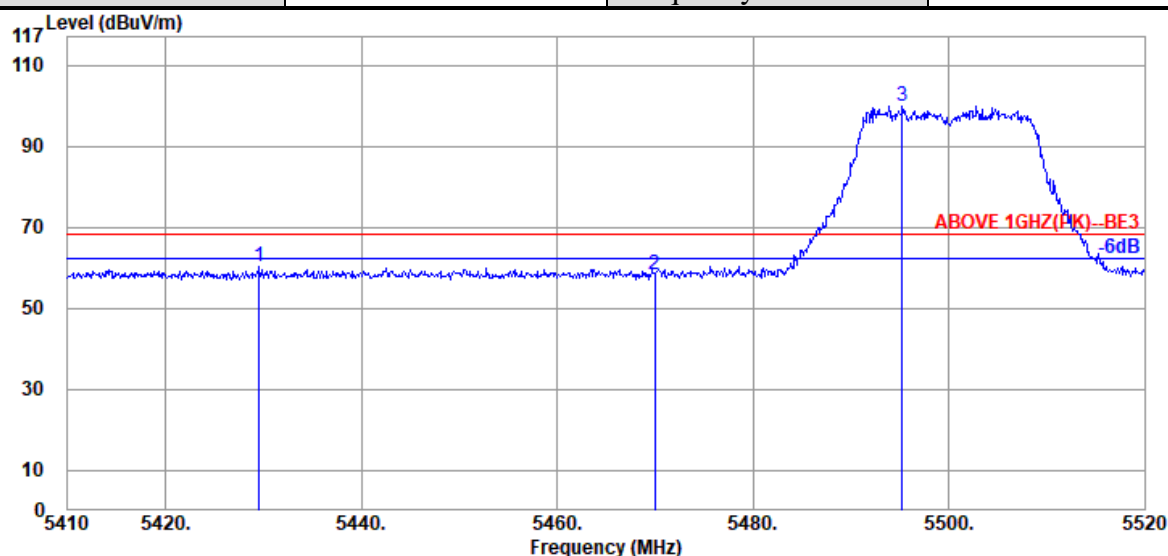
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.85	34.70	10.84	1.93	47.47	54.00	6.53	Average
5460.05	34.70	10.84	1.65	47.19	54.00	6.81	Average
@ 5504.16	34.60	10.88	49.33	94.81	---	---	Average

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

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New Taipei City244, Taiwan

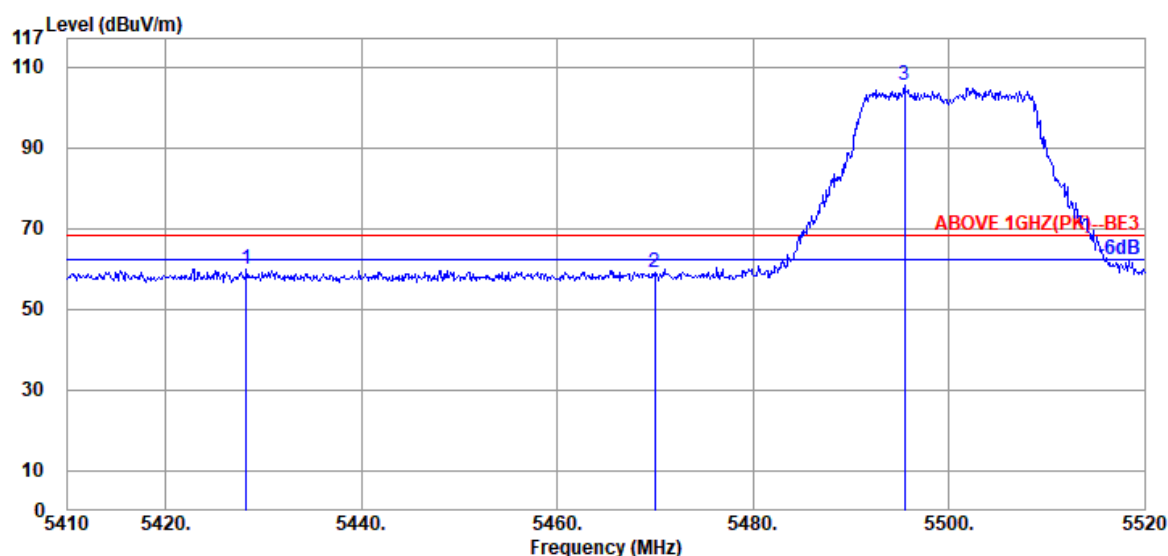
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Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
5429.58	34.77	10.83	14.53	60.13	68.20	8.07	Peak
5469.95	34.67	10.85	12.91	58.43	68.20	9.77	Peak
@ 5495.25	34.63	10.87	54.24	99.74	---	---	Peak



Antenna at Vertical Polarization

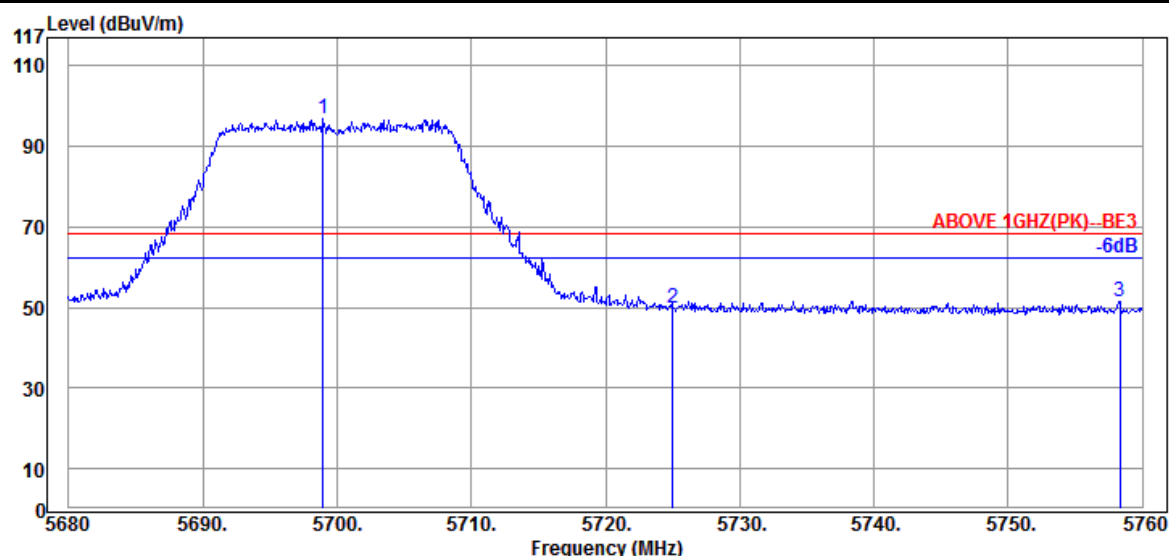
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
5428.26	34.83	10.82	14.34	59.99	68.20	8.21	Peak
5469.95	34.67	10.85	13.64	59.16	68.20	9.04	Peak
@ 5495.47	34.63	10.87	59.89	105.39	---	---	Peak

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

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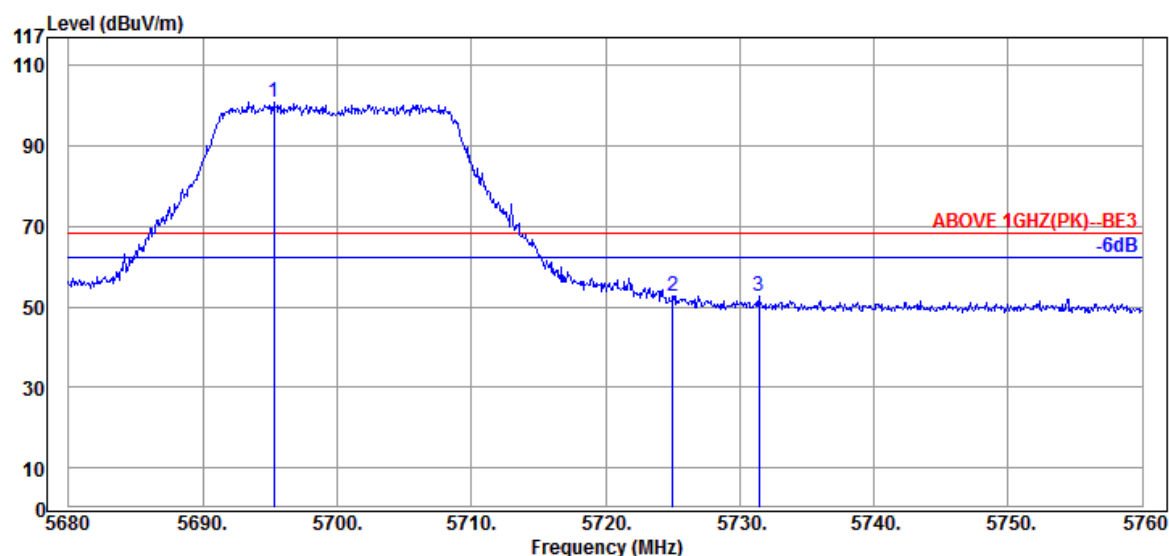
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Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5700MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5698.96	34.90	10.90	50.94	96.74	---	---	Peak
	5725.04	34.83	10.91	4.16	49.90	68.20	18.30	Peak
	5758.32	34.87	10.91	5.70	51.48	68.20	16.72	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5695.28	34.90	10.90	55.29	101.09	---	---	Peak
	5725.04	34.83	10.91	7.09	52.83	68.20	15.37	Peak
	5731.44	34.83	10.91	6.97	52.71	68.20	15.49	Peak

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

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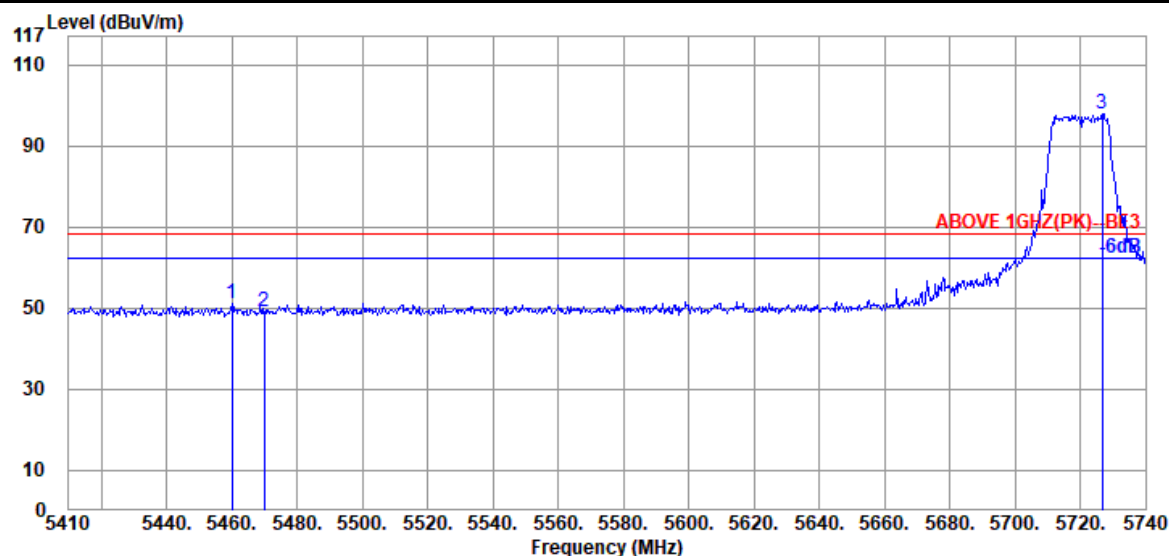
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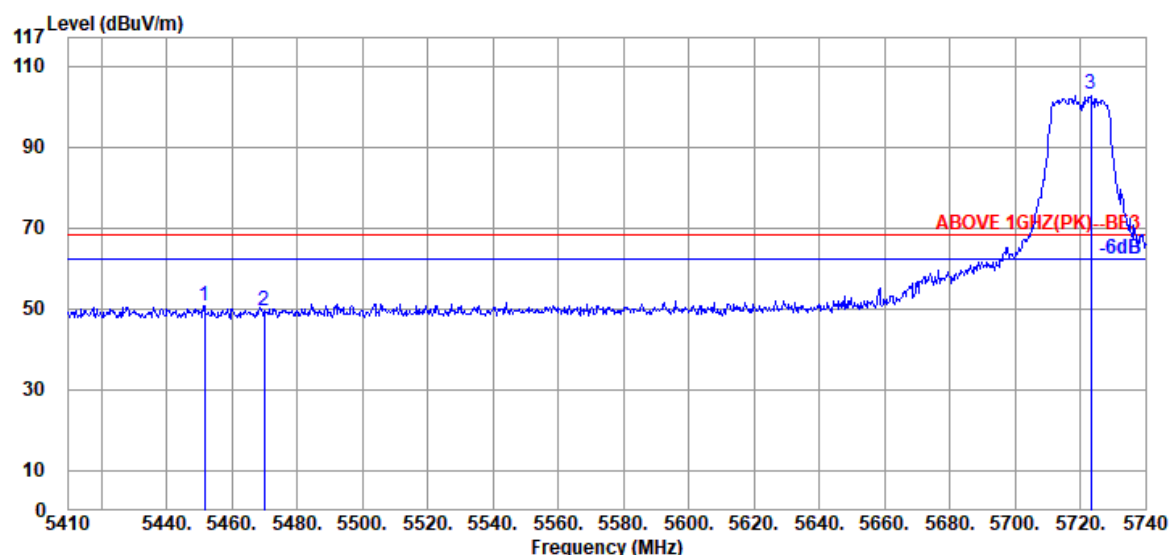
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Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5460.16	34.68	10.85	5.50	51.03	68.20	17.17	Peak
5470.06	34.66	10.86	3.55	49.07	68.20	19.13	Peak
@ 5726.80	34.85	10.91	52.24	98.00	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.58	34.70	10.84	5.28	50.82	68.20	17.38	Peak
5470.06	34.66	10.86	3.80	49.32	68.20	18.88	Peak
@ 5723.17	34.85	10.91	57.08	102.84	---	---	Peak

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

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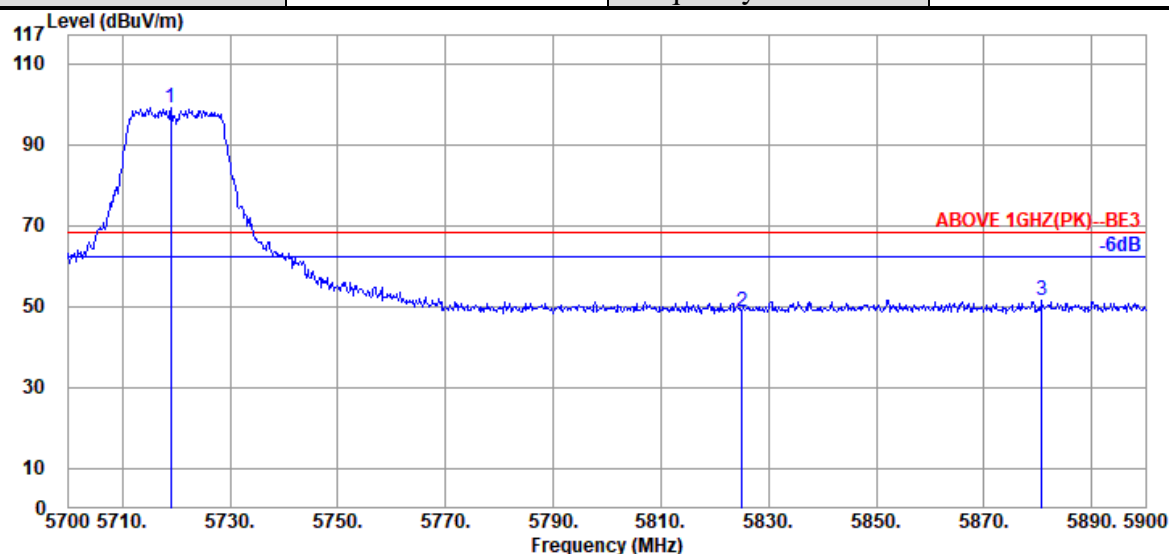
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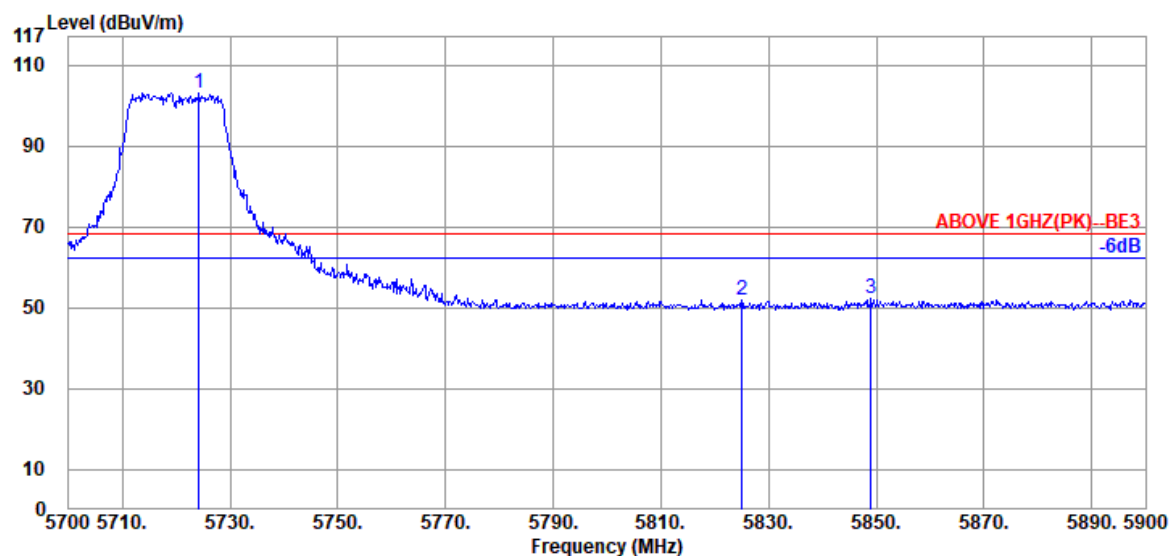
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Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5719.00	34.83	10.91	53.31	99.05	---	---	Peak
	5825.00	35.33	10.92	2.60	48.85	68.20	19.35	Peak
	5880.80	35.57	10.93	5.19	51.69	68.20	16.51	Peak

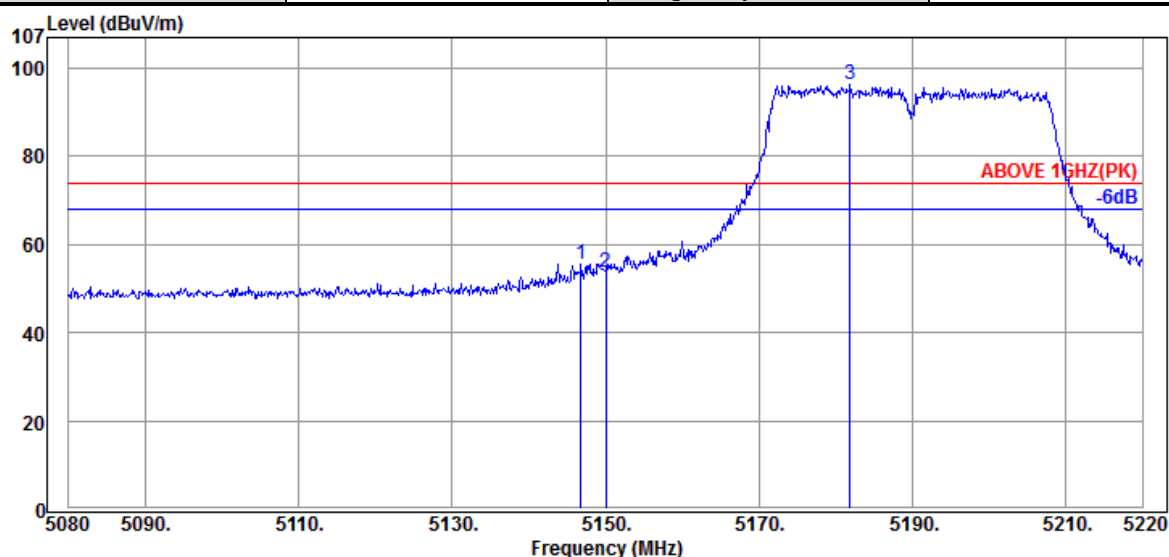


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5724.20	34.83	10.91	57.30	103.04	---	---	Peak
	5825.00	35.33	10.92	5.65	51.90	68.20	16.30	Peak
	5849.00	35.50	10.92	5.80	52.22	68.20	15.98	Peak

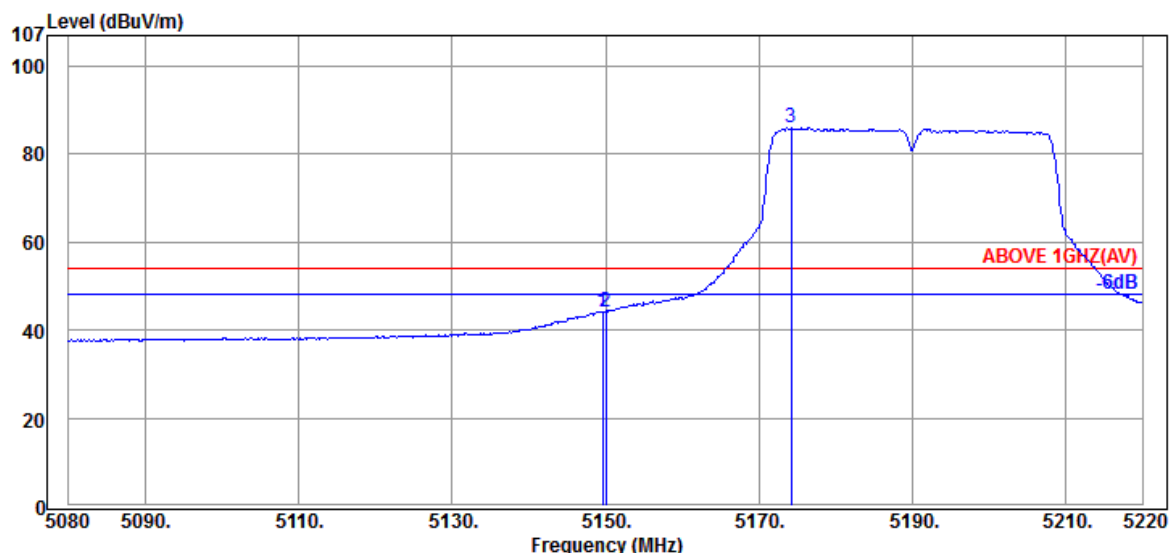
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5190MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.78	34.70	10.61	10.37	55.68	74.00	18.32	Peak
5150.00	34.70	10.61	8.49	53.80	74.00	20.20	Peak
@ 5181.92	34.57	10.63	51.24	96.44	---	---	Peak



Antenna at Horizontal Polarization

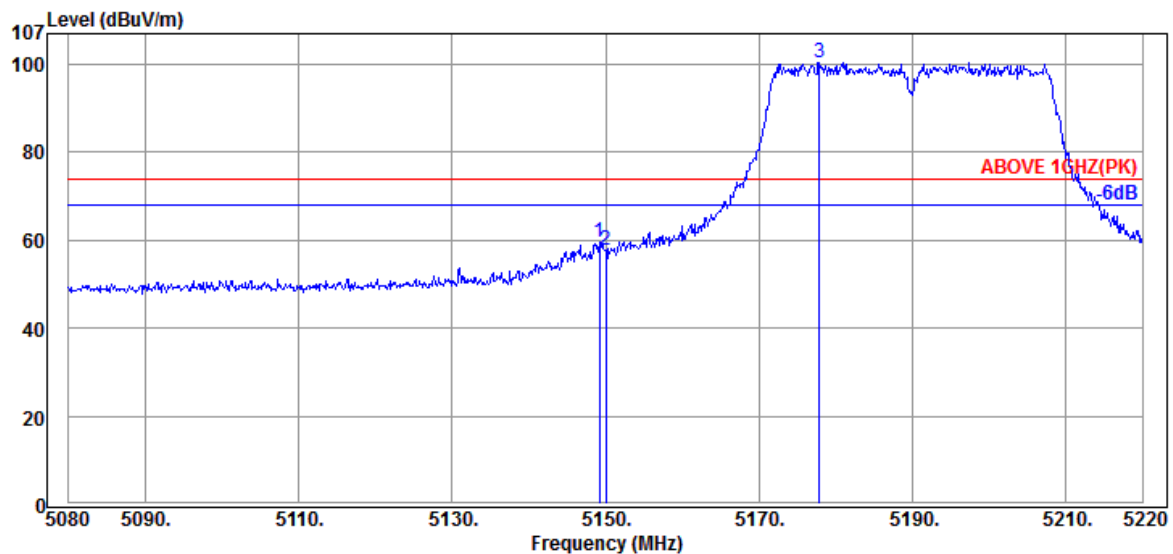
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.58	34.70	10.61	-1.04	44.27	54.00	9.73	Average
5150.00	34.70	10.61	-1.01	44.30	54.00	9.70	Average
@ 5174.22	34.57	10.63	40.68	85.88	---	---	Average

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

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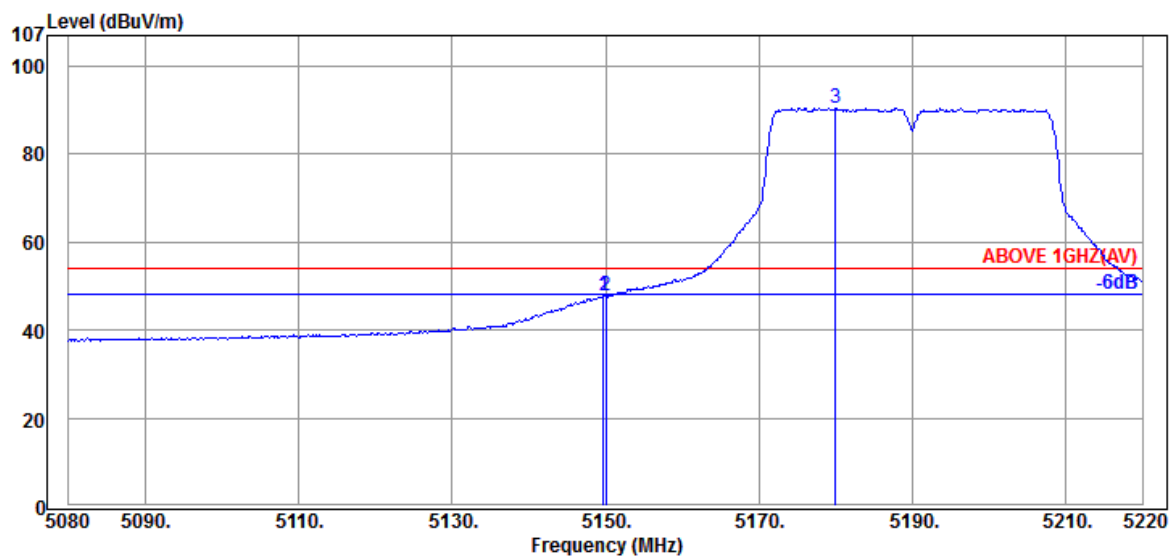
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Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5190MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.16	34.70	10.61	14.41	59.72	74.00	14.28	Peak
5150.00	34.70	10.61	12.27	57.58	74.00	16.42	Peak
@ 5177.86	34.57	10.63	55.33	100.53	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.70	10.61	2.38	47.69	54.00	6.31	Average
5150.00	34.70	10.61	2.42	47.73	54.00	6.27	Average
@ 5179.96	34.57	10.63	45.25	90.45	---	---	Average

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

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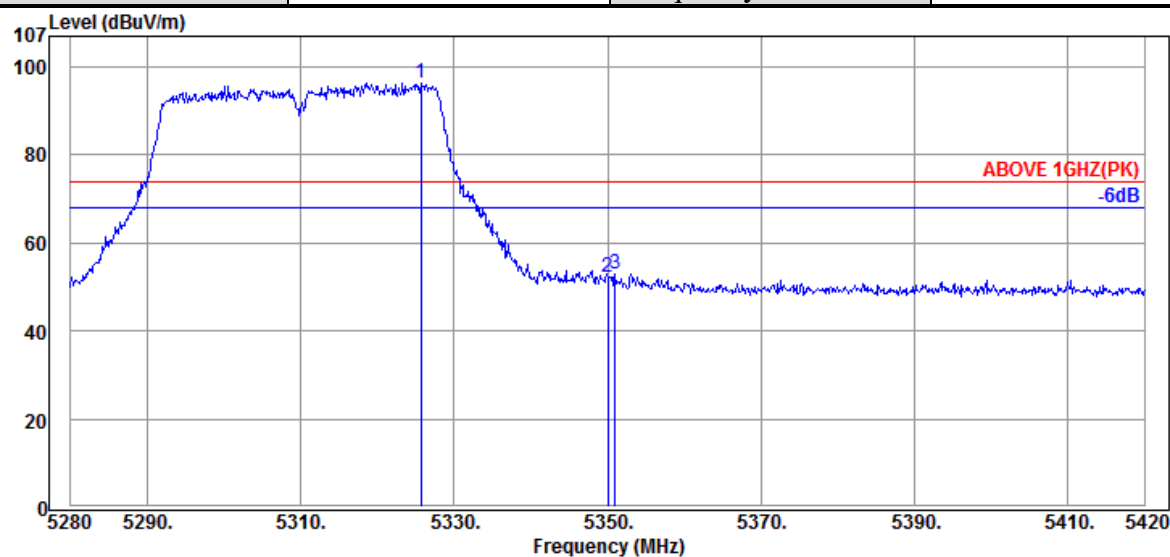
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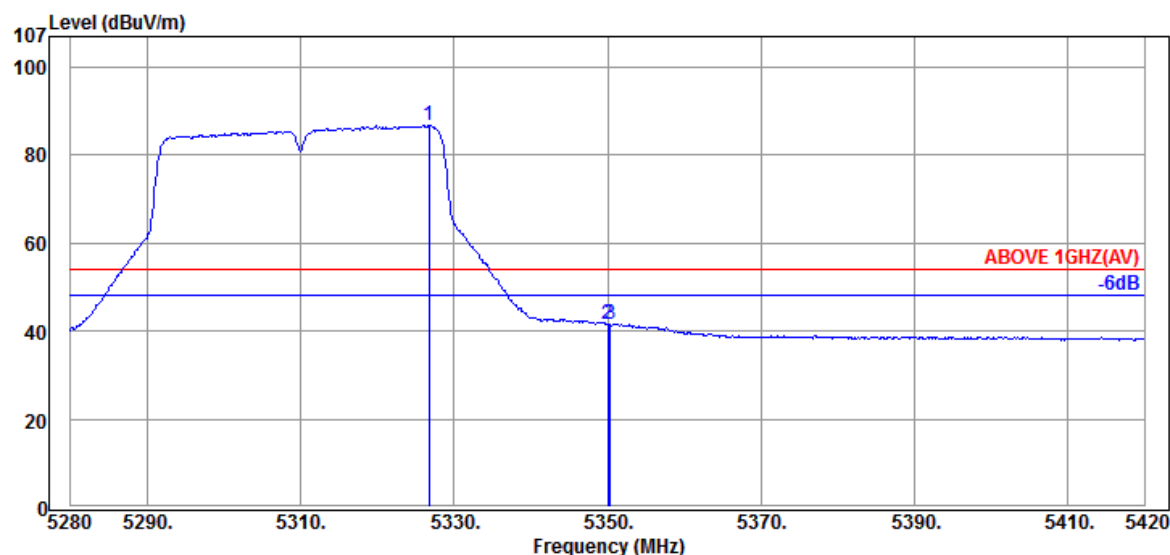
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Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5310MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5325.64	34.67	10.74	50.95	96.36	---	---	Peak
	5350.00	34.80	10.76	6.67	52.23	74.00	21.77	Peak
	5350.98	34.80	10.76	7.48	53.04	74.00	20.96	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.76	34.73	10.75	41.27	86.75	---	---	Average
	5350.00	34.80	10.76	-3.93	41.63	54.00	12.37	Average
	5350.42	34.80	10.76	-3.99	41.57	54.00	12.43	Average

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

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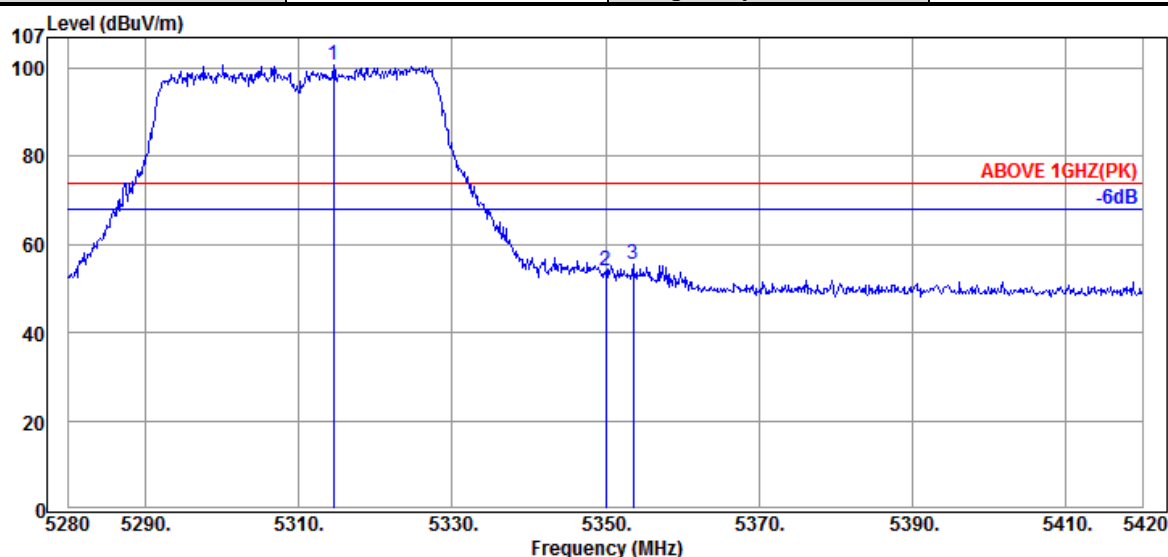
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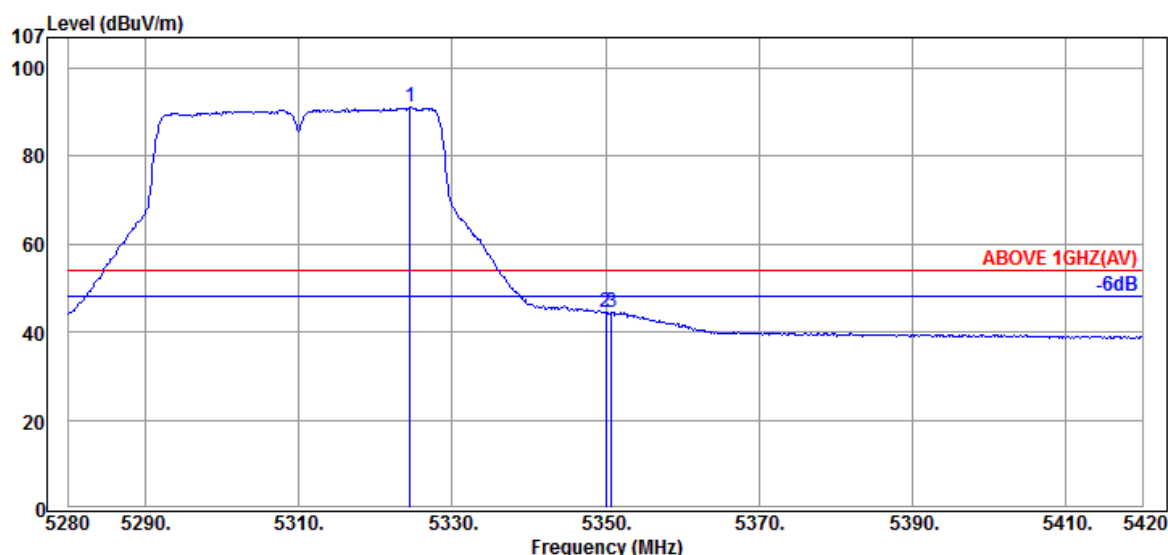
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Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5310MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5314.58	34.67	10.74	55.39	100.80	---	---	Peak
	5350.00	34.80	10.76	8.56	54.12	74.00	19.88	Peak
	5353.64	34.80	10.76	9.79	55.35	74.00	18.65	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5324.52	34.67	10.74	45.70	91.11	---	---	Average
	5350.00	34.80	10.76	-1.16	44.40	54.00	9.60	Average
	5350.84	34.80	10.76	-0.99	44.57	54.00	9.43	Average

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

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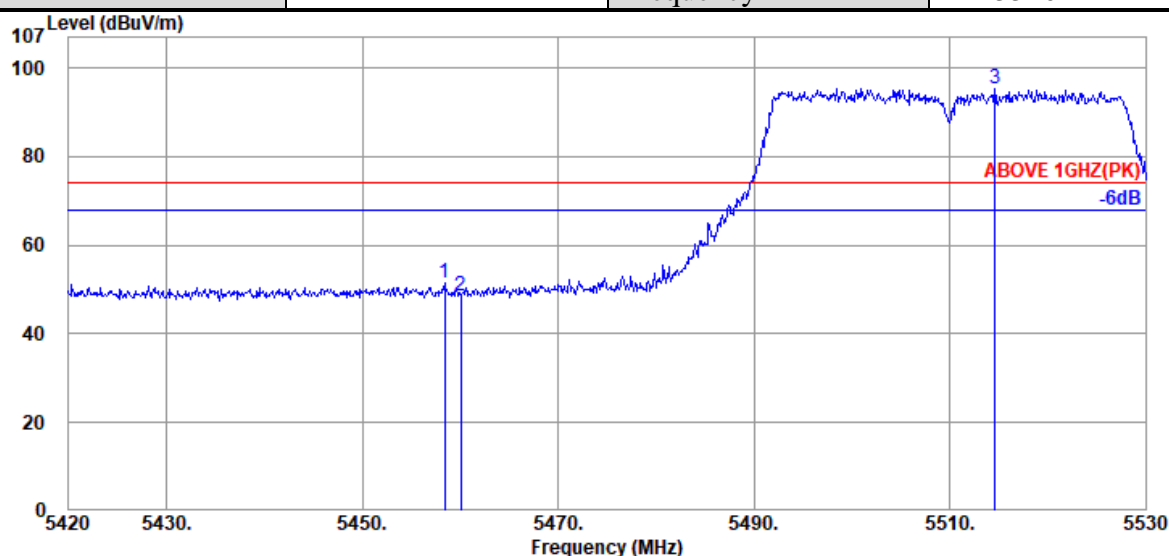
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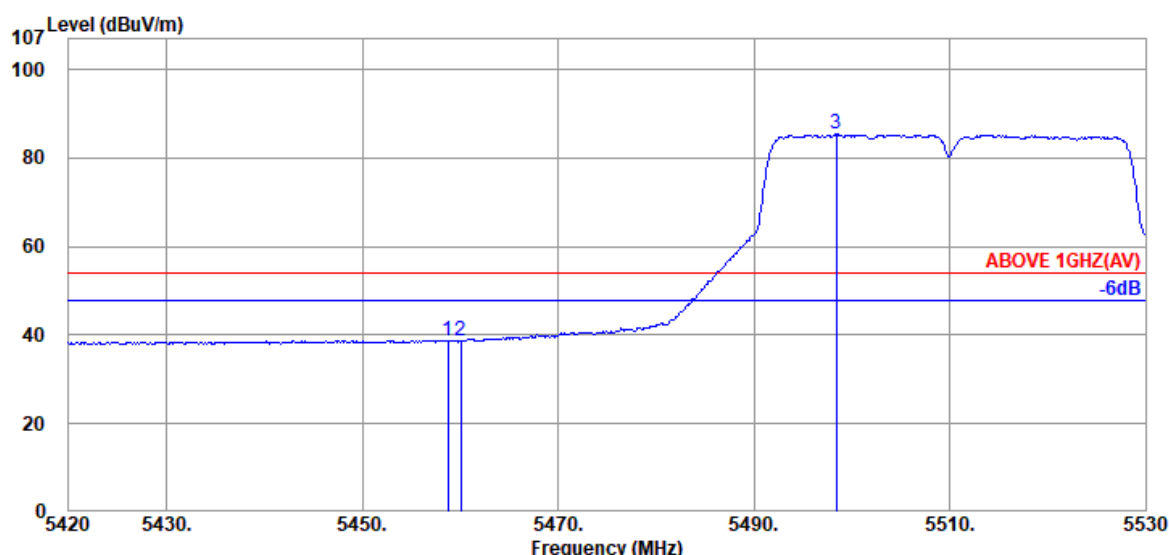
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Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.39	34.70	10.84	5.89	51.43	74.00	22.57	Peak
5460.04	34.70	10.84	3.11	48.65	74.00	25.35	Peak
@ 5514.60	34.63	10.88	49.70	95.21	---	---	Peak



Antenna at Horizontal Polarization

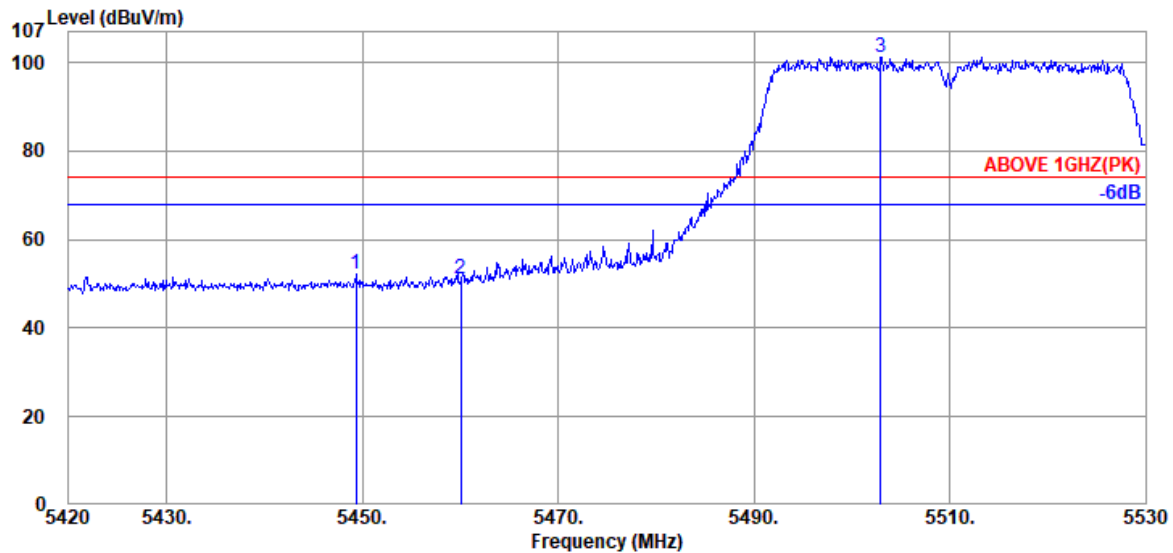
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.72	34.70	10.84	-6.67	38.87	54.00	15.13	Average
5460.04	34.70	10.84	-6.87	38.67	54.00	15.33	Average
@ 5498.43	34.60	10.88	39.95	85.43	---	---	Average

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

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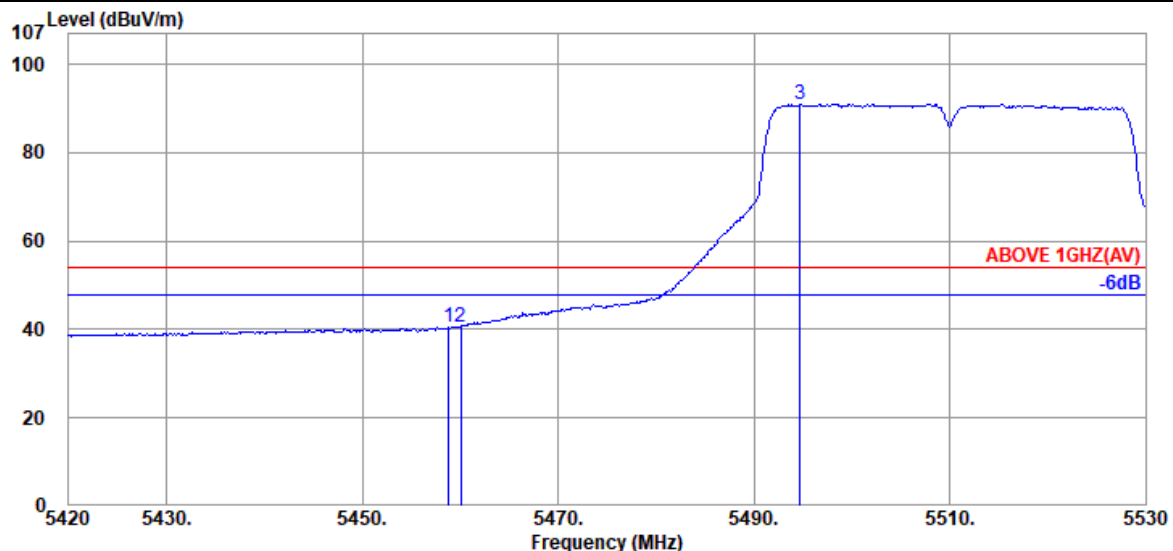
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Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5510MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5449.37	34.70	10.84	6.85	52.39	74.00	21.61	Peak
5460.04	34.70	10.84	5.47	51.01	74.00	22.99	Peak
@ 5502.94	34.60	10.88	55.71	101.19	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.83	34.70	10.84	-5.04	40.50	54.00	13.50	Average
5460.04	34.70	10.84	-4.88	40.66	54.00	13.34	Average
@ 5494.69	34.63	10.87	45.48	90.98	---	---	Average

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

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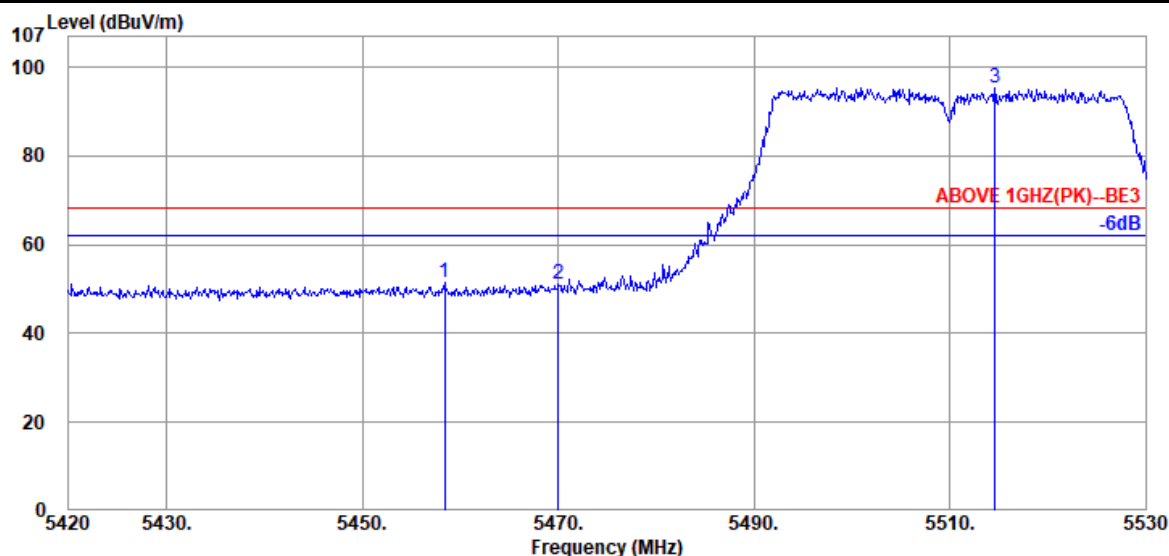
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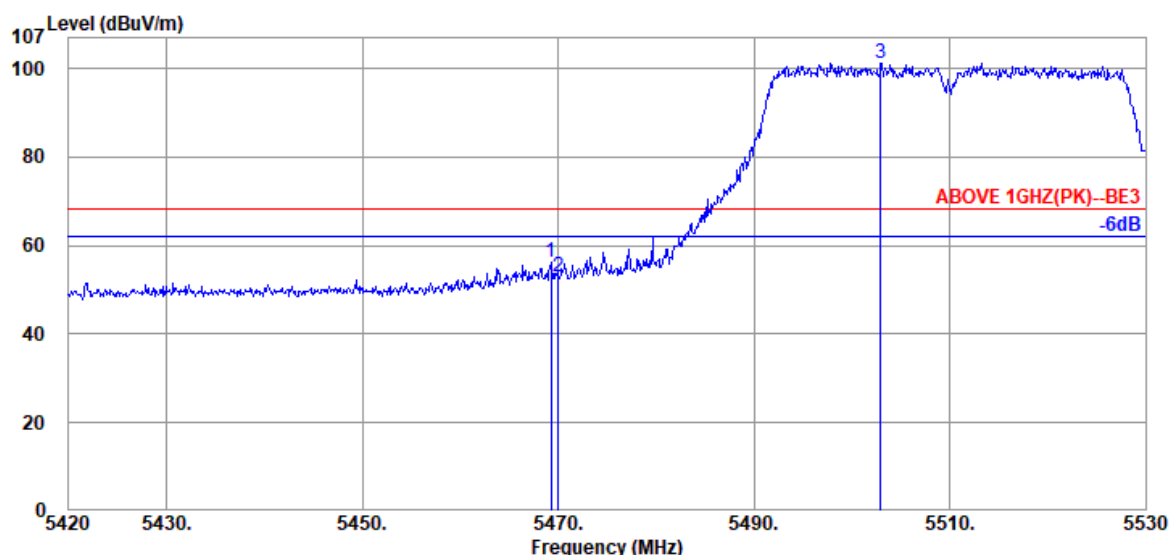
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Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.39	34.70	10.84	5.89	51.43	68.20	16.77	Peak
5470.05	34.67	10.85	5.59	51.11	68.20	17.09	Peak
@ 5514.60	34.63	10.88	49.70	95.21	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.28	34.67	10.85	10.59	56.11	68.20	12.09	Peak
5470.05	34.67	10.85	7.61	53.13	68.20	15.07	Peak
@ 5502.94	34.60	10.88	55.71	101.19	---	---	Peak

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

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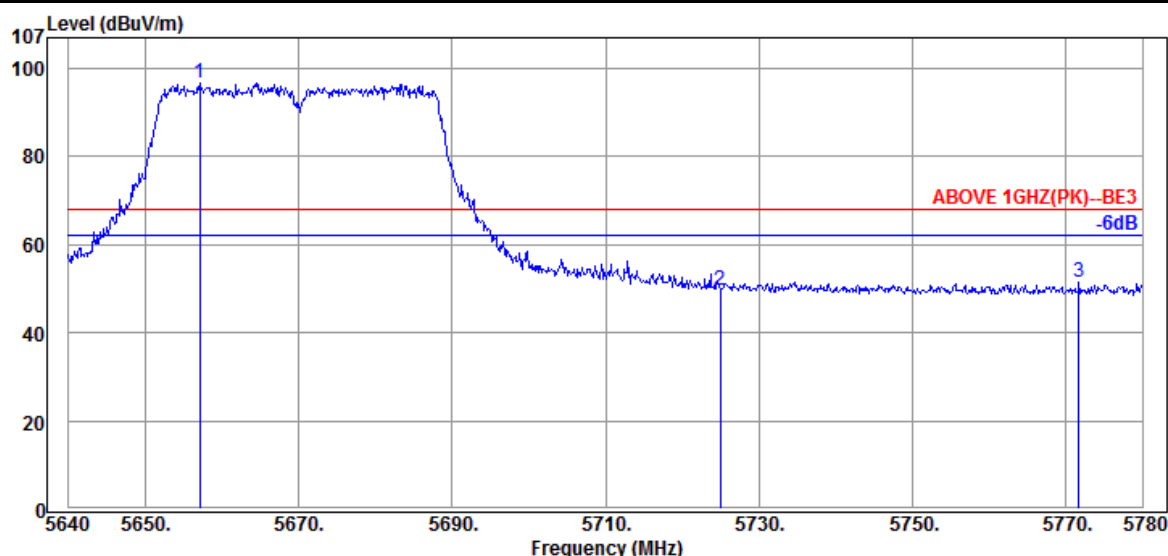
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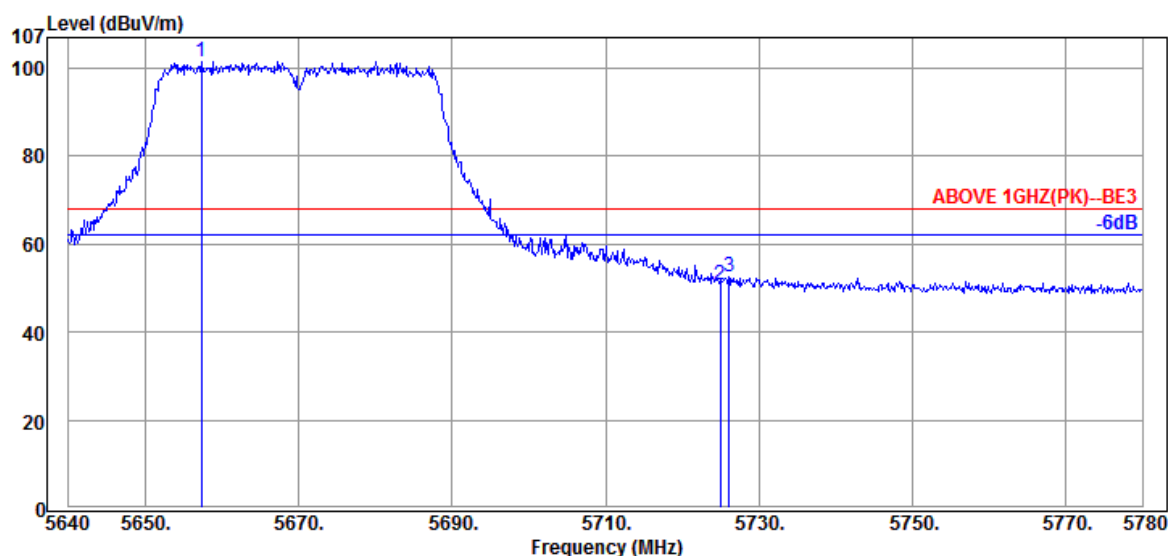
Fax: +886 2 26099303

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5690MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5657.08	34.80	10.90	51.15	96.85	---	---	Peak
	5724.98	34.83	10.91	4.01	49.75	68.20	18.45	Peak
	5771.74	34.93	10.91	5.69	51.53	68.20	16.67	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5657.36	34.80	10.90	55.91	101.61	---	---	Peak
	5724.98	34.83	10.91	4.94	50.68	68.20	17.52	Peak
	5726.10	34.83	10.91	6.70	52.44	68.20	15.76	Peak

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

File Number: CIM1909186

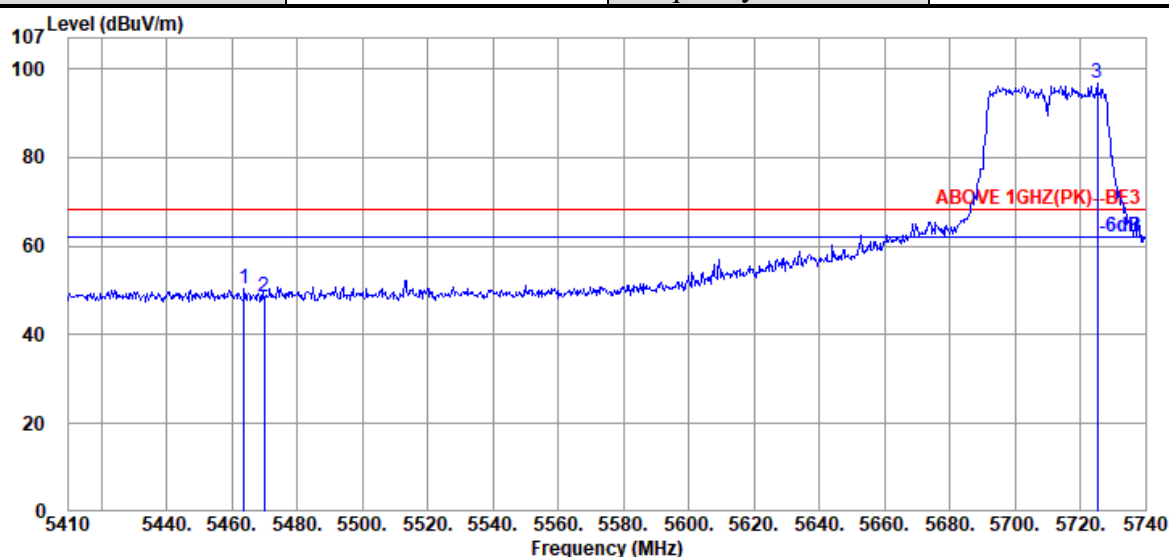
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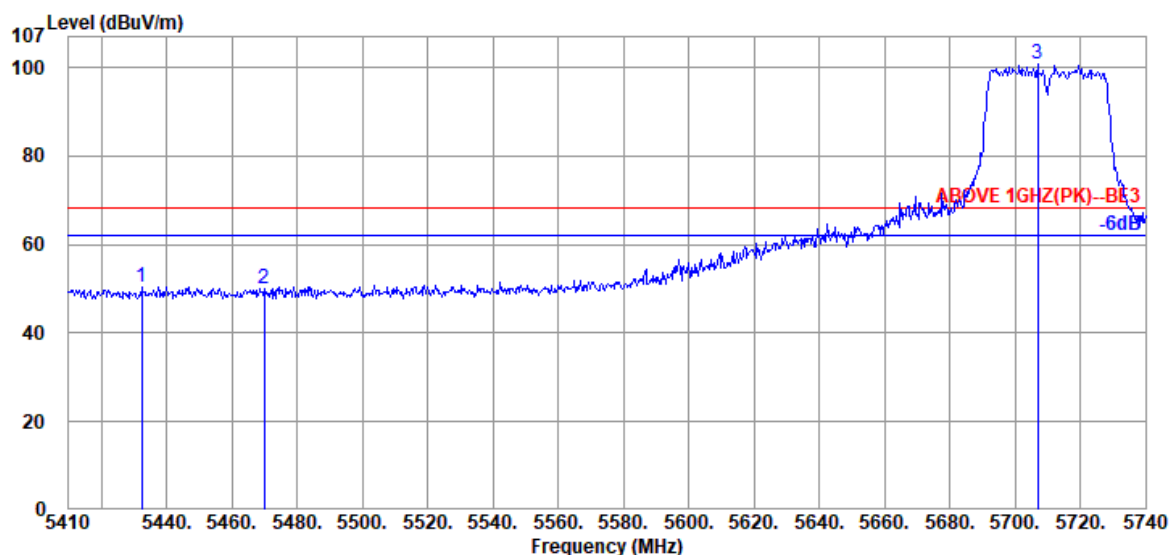
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Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5710MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5463.79	34.67	10.85	4.82	50.34	68.20	17.86	Peak
5470.06	34.66	10.86	3.08	48.60	68.20	19.60	Peak
@ 5725.15	34.85	10.91	50.88	96.64	---	---	Peak



Antenna at Vertical Polarization

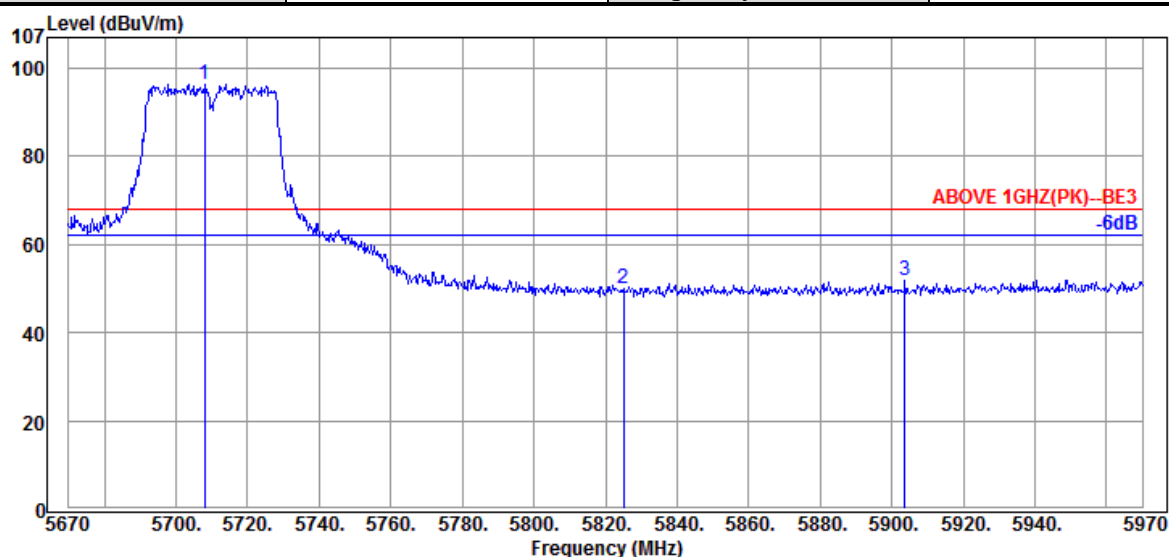
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5432.44	34.77	10.83	4.80	50.40	68.20	17.80	Peak
5470.06	34.66	10.86	4.62	50.14	68.20	18.06	Peak
@ 5707.00	34.89	10.90	54.86	100.65	---	---	Peak

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

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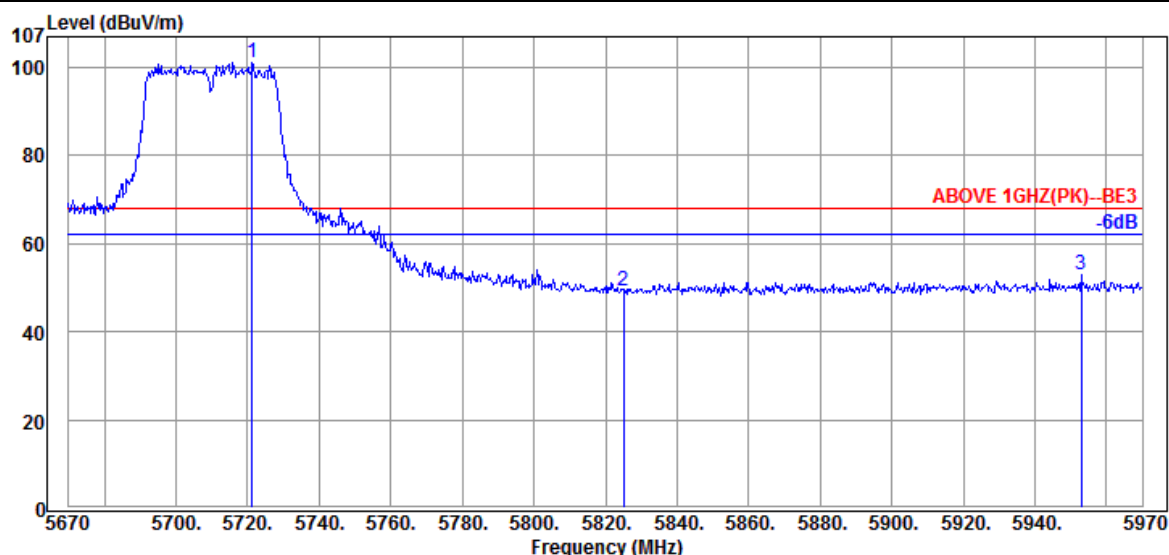
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Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5710MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5708.10	34.87	10.90	50.74	96.51	---	---	Peak
	5825.10	35.33	10.92	3.88	50.13	68.20	18.07	Peak
	5903.70	35.60	10.93	5.38	51.91	68.20	16.29	Peak

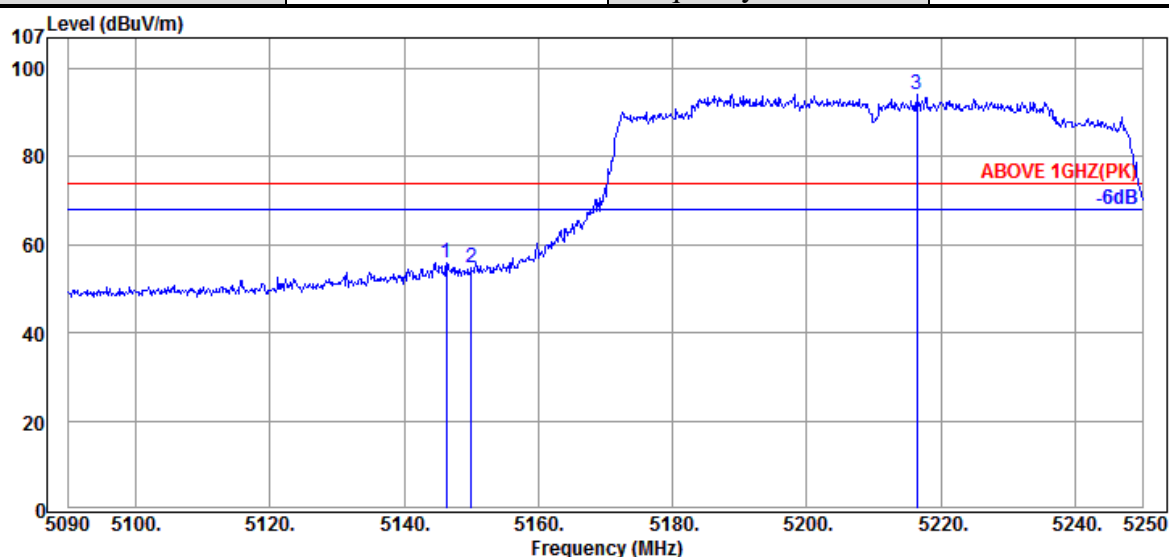


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5721.30	34.83	10.91	55.47	101.21	---	---	Peak
	5825.10	35.33	10.92	2.92	49.17	68.20	19.03	Peak
	5952.90	35.80	10.93	6.10	52.83	68.20	15.37	Peak

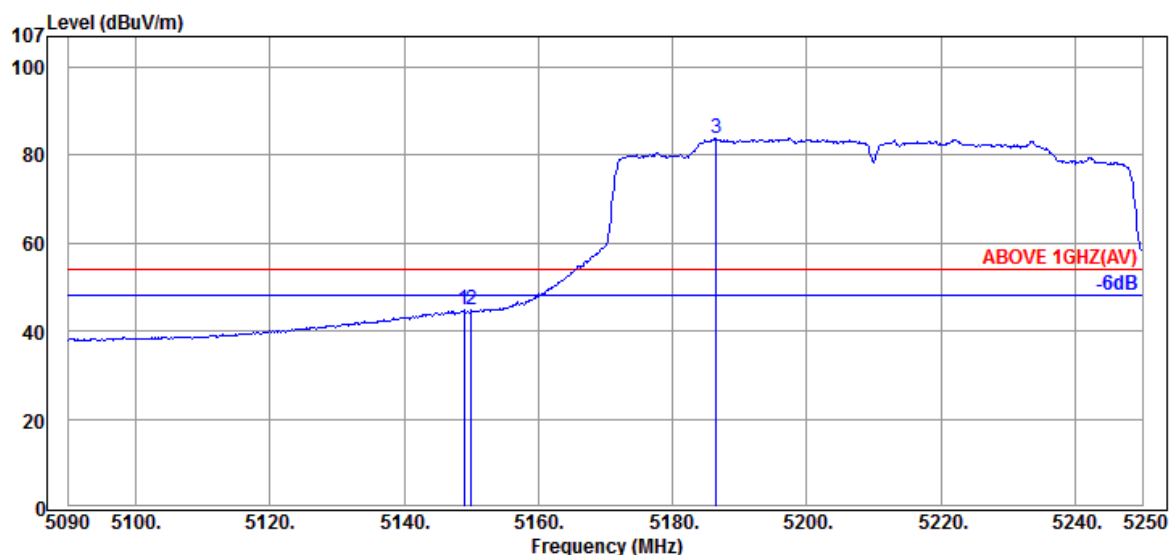
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VHT80	UNII Band	I
		Frequency	TX 5210MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.32	34.70	10.61	10.52	55.83	74.00	18.17	Peak
5150.00	34.70	10.61	9.35	54.66	74.00	19.34	Peak
@ 5216.40	34.50	10.66	48.92	94.08	---	---	Peak



Antenna at Horizontal Polarization

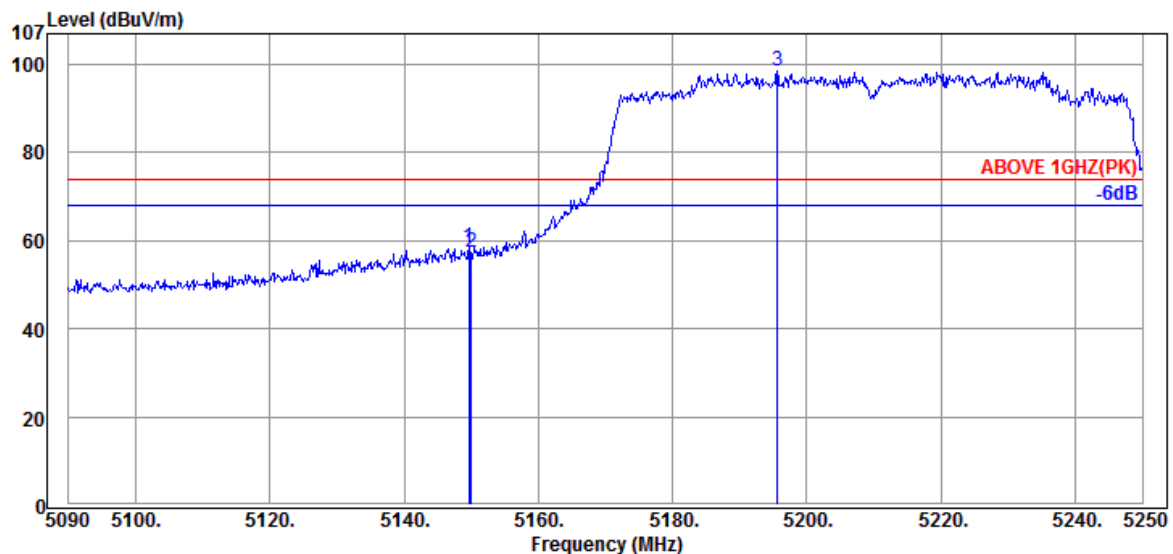
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.88	34.70	10.61	-0.58	44.73	54.00	9.27	Average
5150.00	34.70	10.61	-0.55	44.76	54.00	9.24	Average
@ 5186.48	34.57	10.63	38.60	83.80	---	---	Average

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

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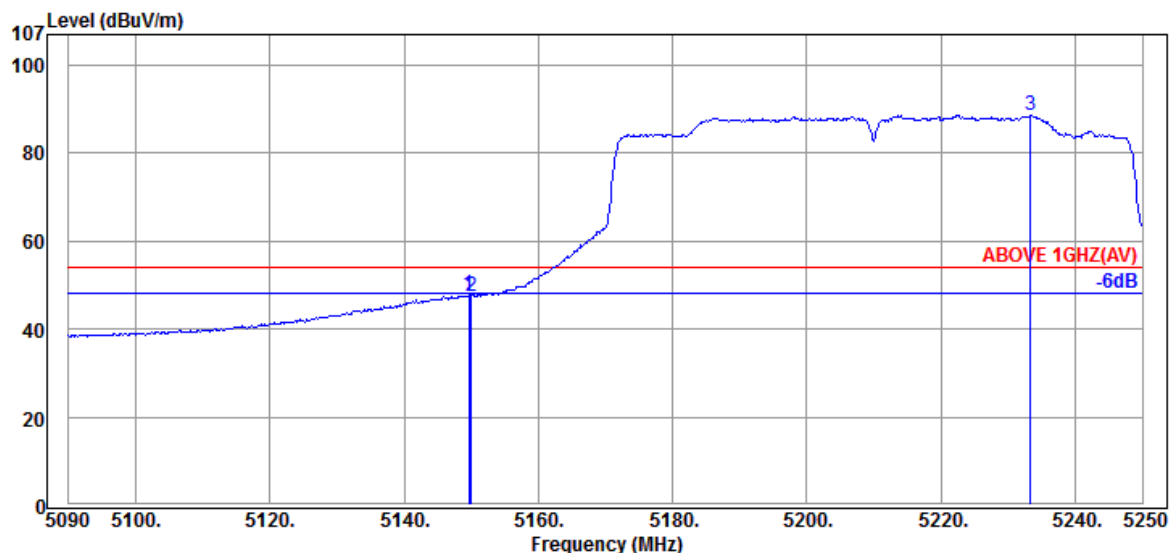
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Fax: +886 2 26099303

Mode	802.11ac-VHT80	UNII Band	I
		Frequency	TX 5210MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.68	34.70	10.61	13.16	58.47	74.00	15.53	Peak
5150.00	34.70	10.61	12.10	57.41	74.00	16.59	Peak
@ 5195.60	34.50	10.65	53.50	98.65	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.68	34.70	10.61	2.39	47.70	54.00	6.30	Average
5150.00	34.70	10.61	2.25	47.56	54.00	6.44	Average
@ 5233.36	34.50	10.67	43.52	88.69	---	---	Average

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

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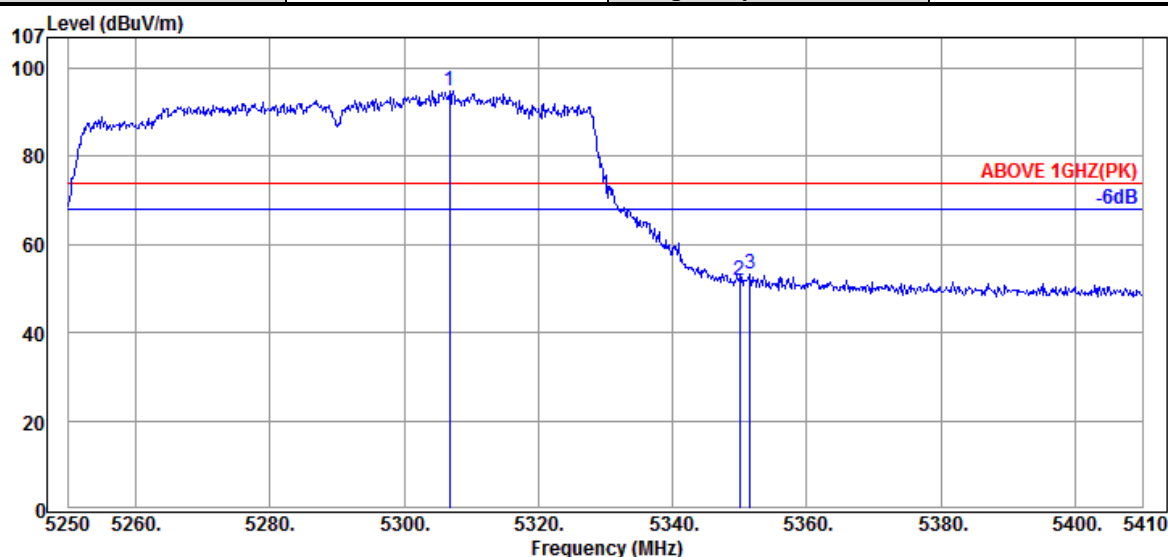
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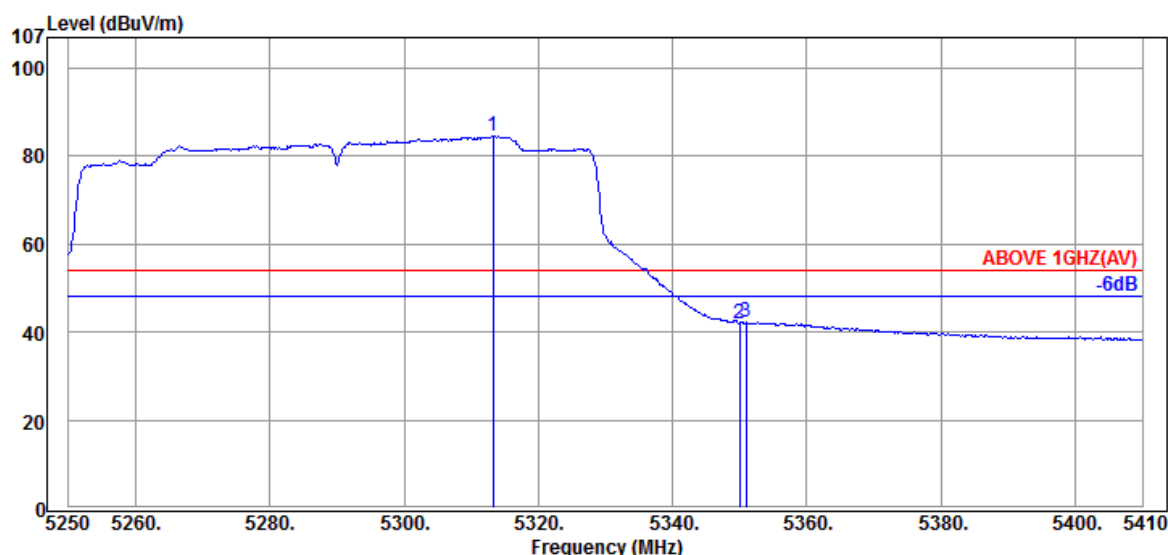
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Mode	802.11ac-VHT80	UNII Band	II-2A
		Frequency	TX 5290MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5306.80	34.60	10.72	49.71	95.03	---	---	Peak
	5350.00	34.80	10.76	6.29	51.85	74.00	22.15	Peak
	5351.60	34.80	10.76	7.70	53.26	74.00	20.74	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5313.20	34.67	10.74	39.33	84.74	---	---	Average
	5350.00	34.80	10.76	-3.54	42.02	54.00	11.98	Average
	5350.96	34.80	10.76	-3.22	42.34	54.00	11.66	Average

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

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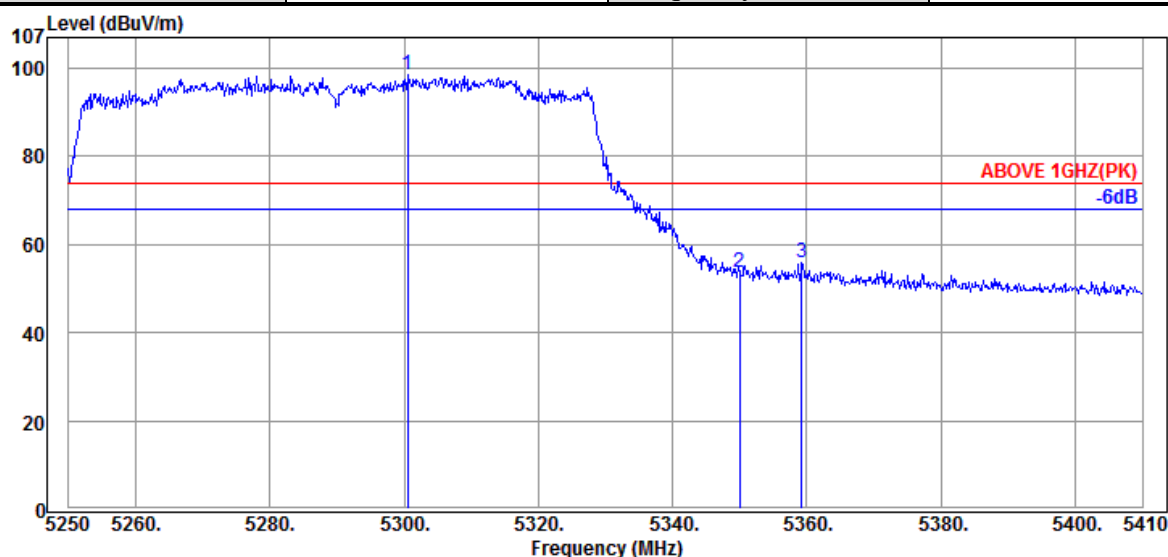
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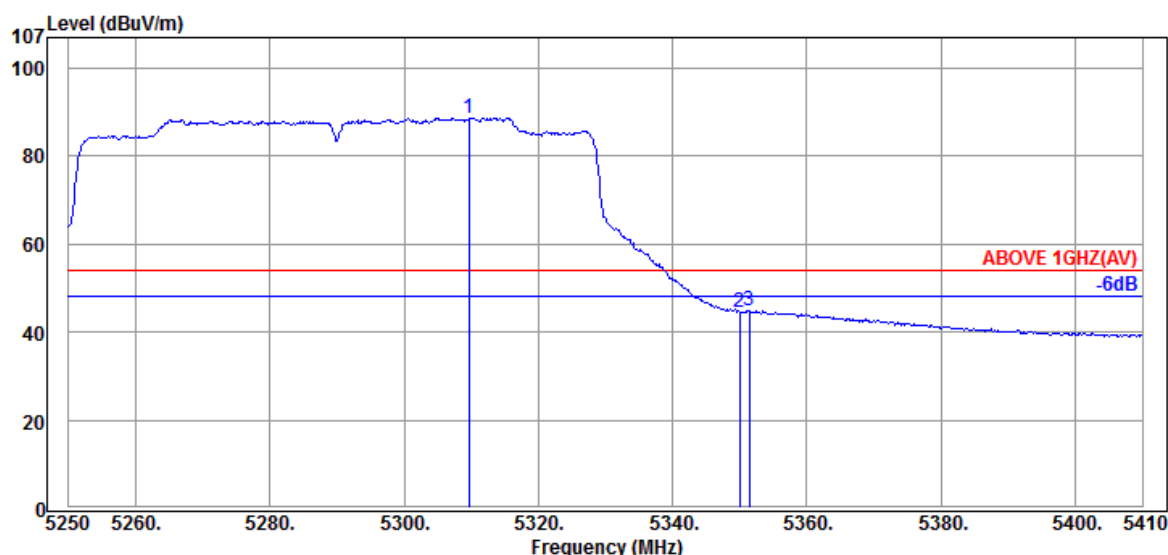
Fax: +886 2 26099303

Mode	802.11ac-VHT80	UNII Band	II-2A
		Frequency	TX 5290MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5300.56	34.60	10.72	53.14	98.46	---	---	Peak
	5350.00	34.80	10.76	8.00	53.56	74.00	20.44	Peak
	5359.28	34.80	10.76	10.15	55.71	74.00	18.29	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5309.68	34.67	10.74	43.33	88.74	---	---	Average
	5350.00	34.80	10.76	-0.90	44.66	54.00	9.34	Average
	5351.44	34.80	10.76	-0.69	44.87	54.00	9.13	Average

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

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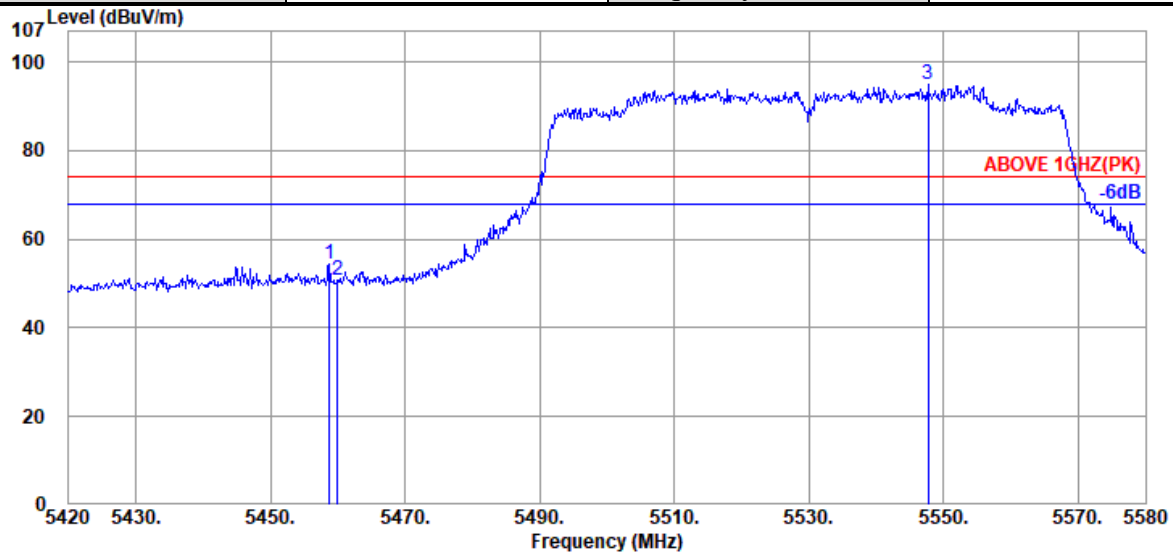
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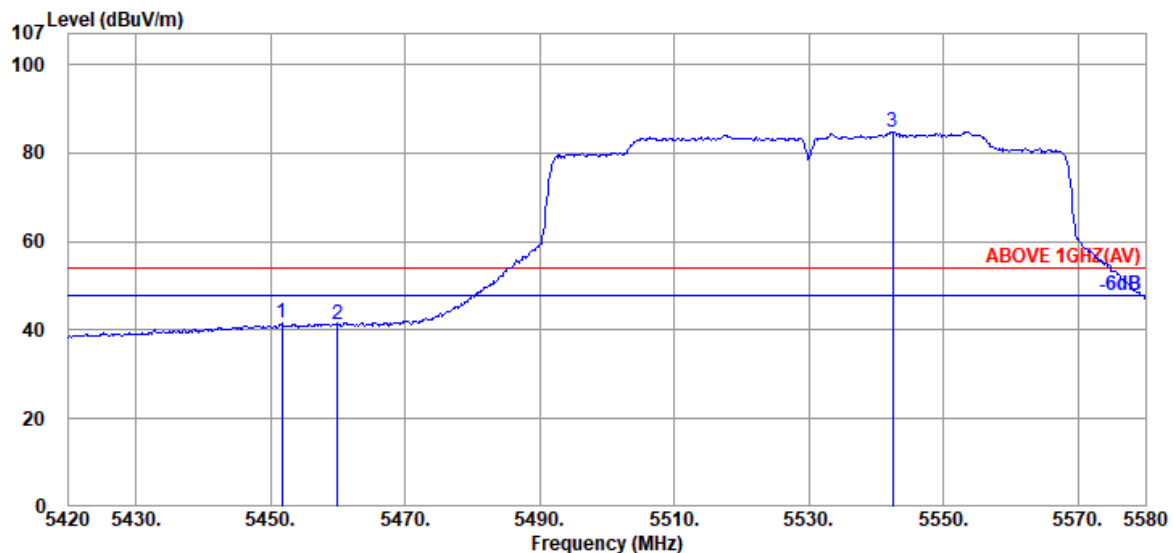
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Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.72	34.70	10.84	8.77	54.31	74.00	19.69	Peak
5460.00	34.70	10.84	5.07	50.61	74.00	23.39	Peak
@ 5547.68	34.70	10.89	49.27	94.86	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.68	34.70	10.84	-4.02	41.52	54.00	12.48	Average
5460.00	34.70	10.84	-4.14	41.40	54.00	12.60	Average
@ 5542.40	34.67	10.88	39.34	84.89	---	---	Average

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

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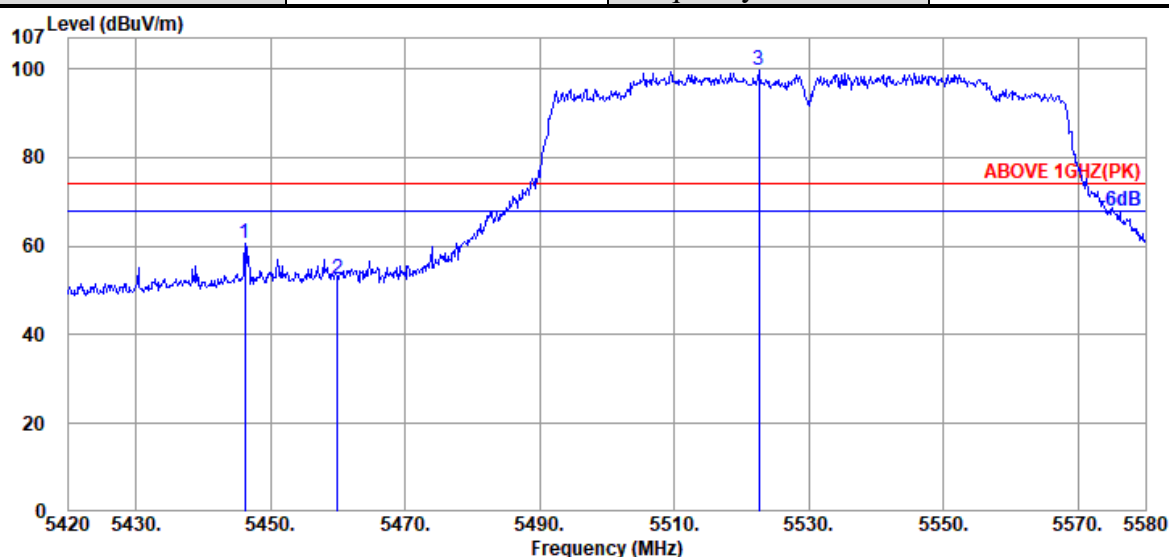
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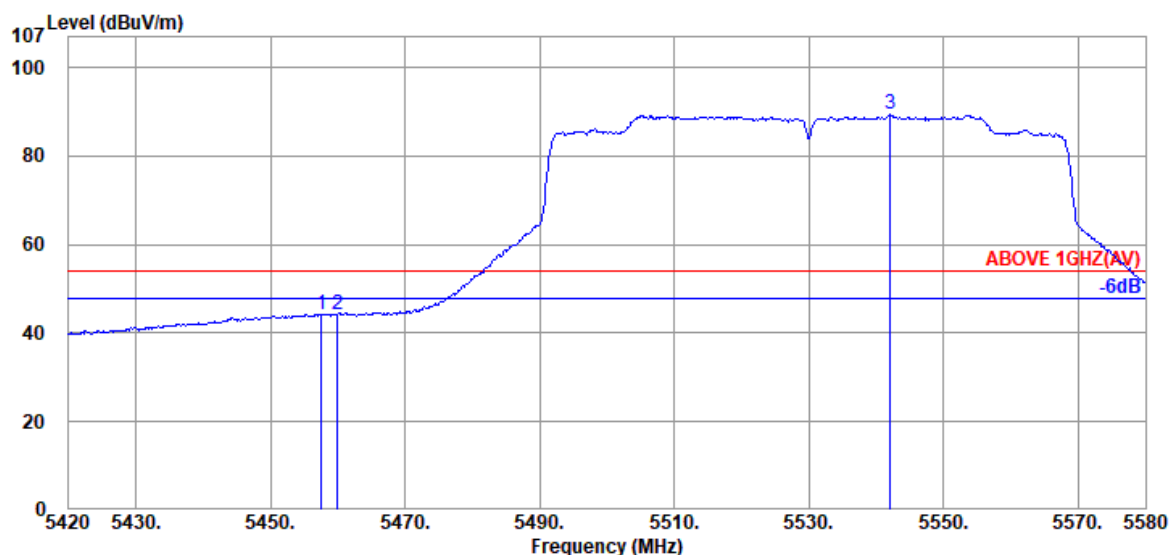
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Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5530MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5446.24	34.70	10.84	15.20	60.74	74.00	13.26	Peak
5460.00	34.70	10.84	6.96	52.50	74.00	21.50	Peak
@ 5522.56	34.63	10.88	54.11	99.62	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.60	34.70	10.84	-1.21	44.33	54.00	9.67	Average
5460.00	34.70	10.84	-1.29	44.25	54.00	9.75	Average
@ 5542.08	34.67	10.88	43.84	89.39	---	---	Average

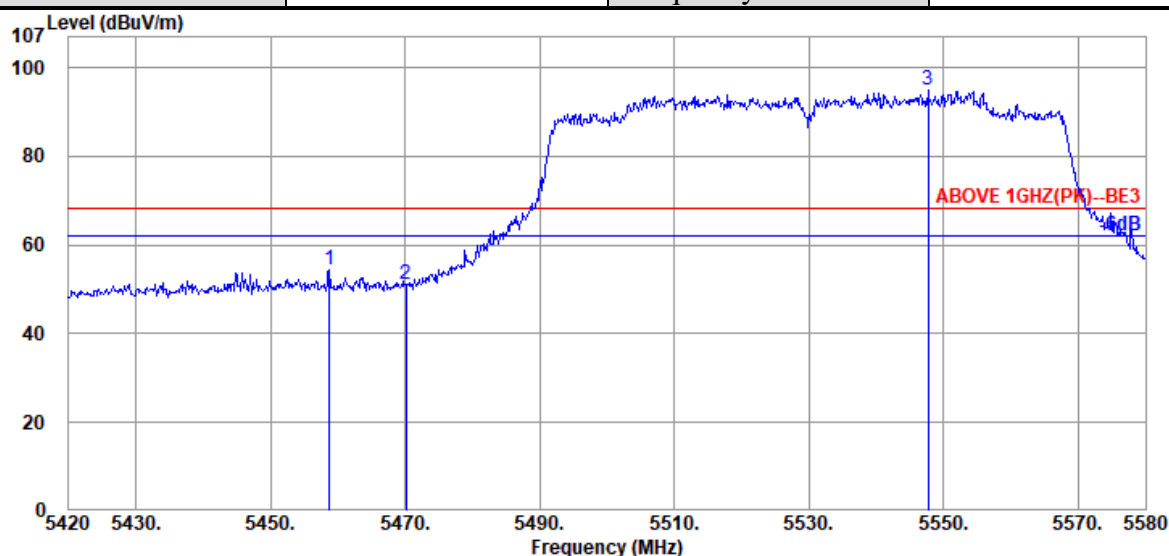
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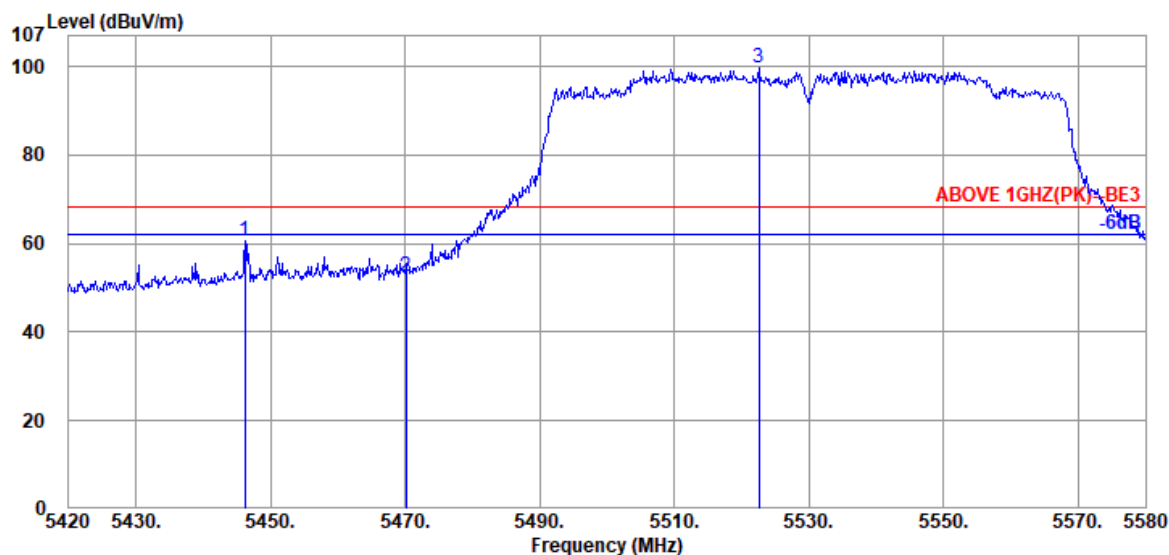
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Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.72	34.70	10.84	8.77	54.31	68.20	13.89	Peak
5470.08	34.67	10.85	5.62	51.14	68.20	17.06	Peak
@ 5547.68	34.70	10.89	49.27	94.86	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5446.24	34.70	10.84	15.20	60.74	68.20	7.46	Peak
5470.08	34.67	10.85	6.99	52.51	68.20	15.69	Peak
@ 5522.56	34.63	10.88	54.11	99.62	---	---	Peak

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

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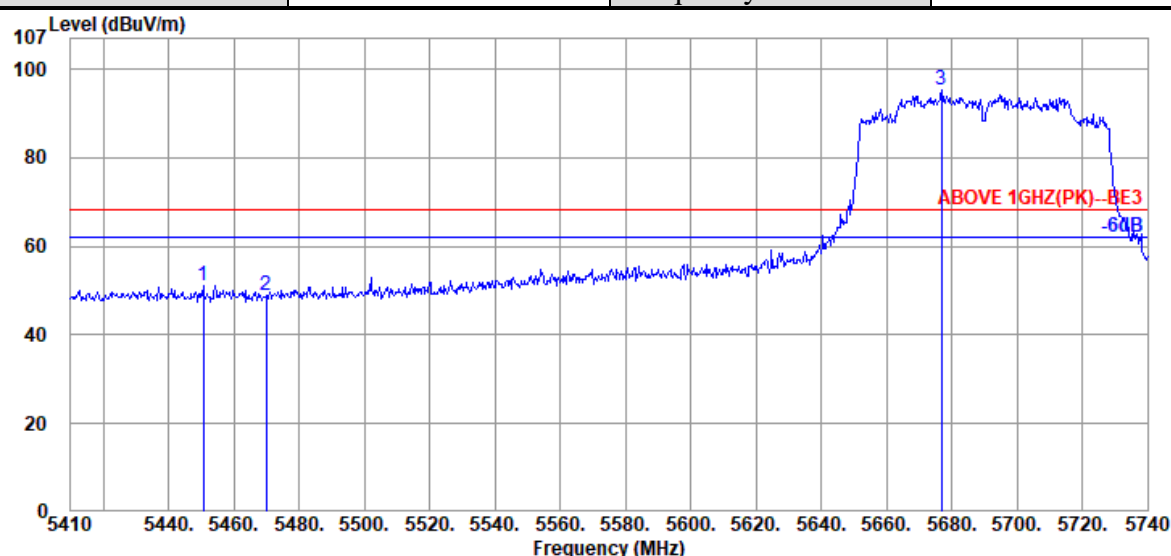
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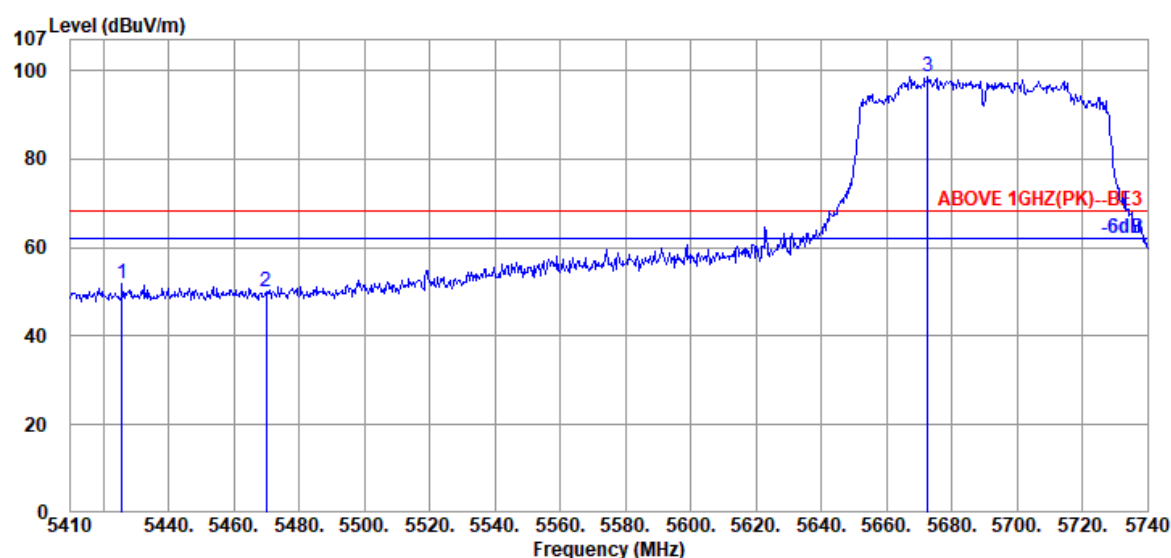
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Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5450.59	34.70	10.84	5.58	51.12	68.20	17.08	Peak
5470.06	34.66	10.86	3.50	49.02	68.20	19.18	Peak
@ 5676.97	34.85	10.90	49.40	95.15	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5425.84	34.80	10.82	6.06	51.68	68.20	16.52	Peak
5470.06	34.66	10.86	4.45	49.97	68.20	18.23	Peak
@ 5672.68	34.85	10.90	52.84	98.59	---	---	Peak

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

File Number: CIM1909186

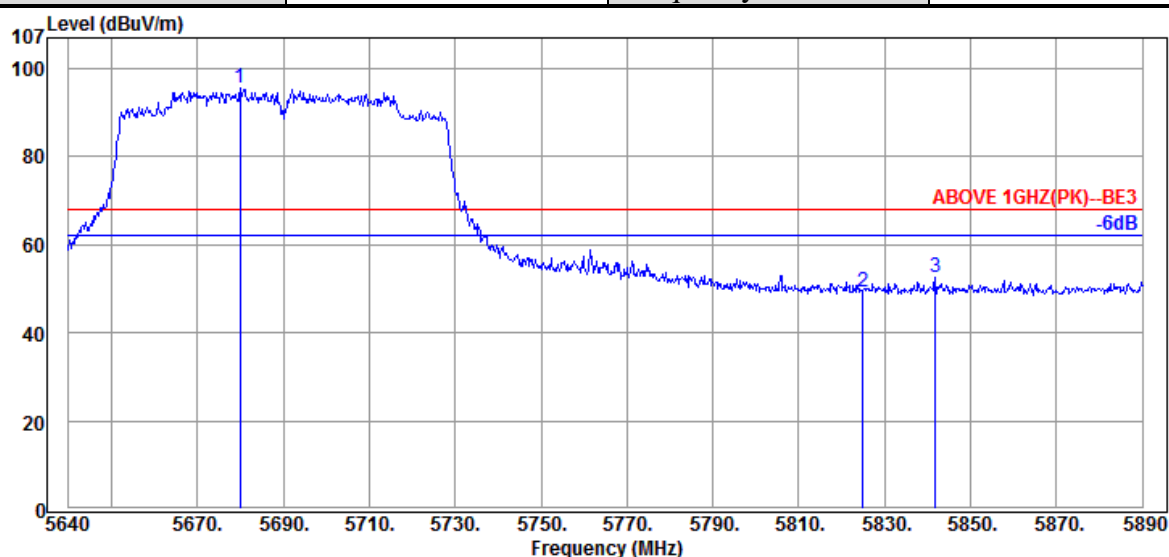
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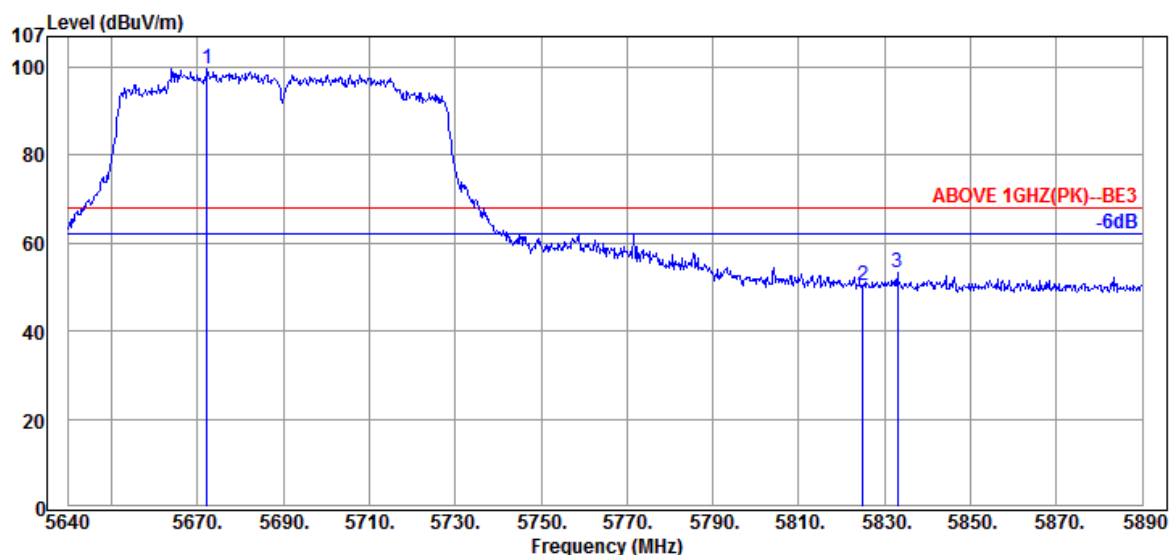
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Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5680.00	34.85	10.90	49.85	95.60	---	---	Peak
	5825.00	35.33	10.92	3.20	49.45	68.20	18.75	Peak
	5841.75	35.50	10.92	5.98	52.40	68.20	15.80	Peak

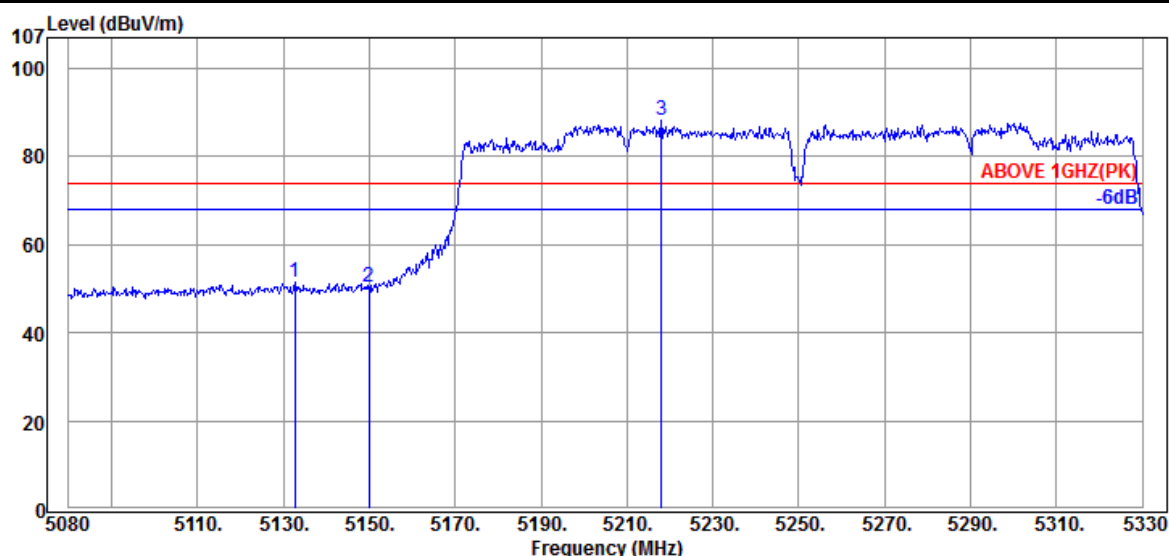


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5672.25	34.85	10.90	53.83	99.58	---	---	Peak
	5825.00	35.33	10.92	4.04	50.29	68.20	17.91	Peak
	5833.00	35.33	10.92	7.09	53.34	68.20	14.86	Peak

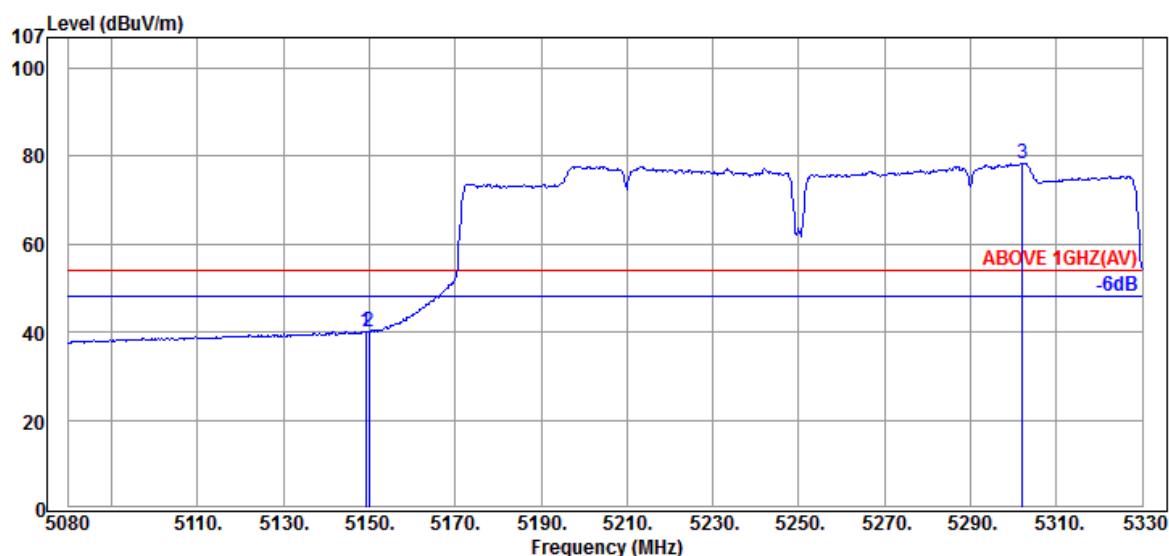
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VH160	UNII Band	I& II-2A
		Frequency	TX 5250MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5132.75	34.63	10.59	6.28	51.50	74.00	22.50	Peak
5150.00	34.70	10.61	5.18	50.49	74.00	23.51	Peak
@ 5218.00	34.50	10.66	43.10	88.26	---	---	Peak

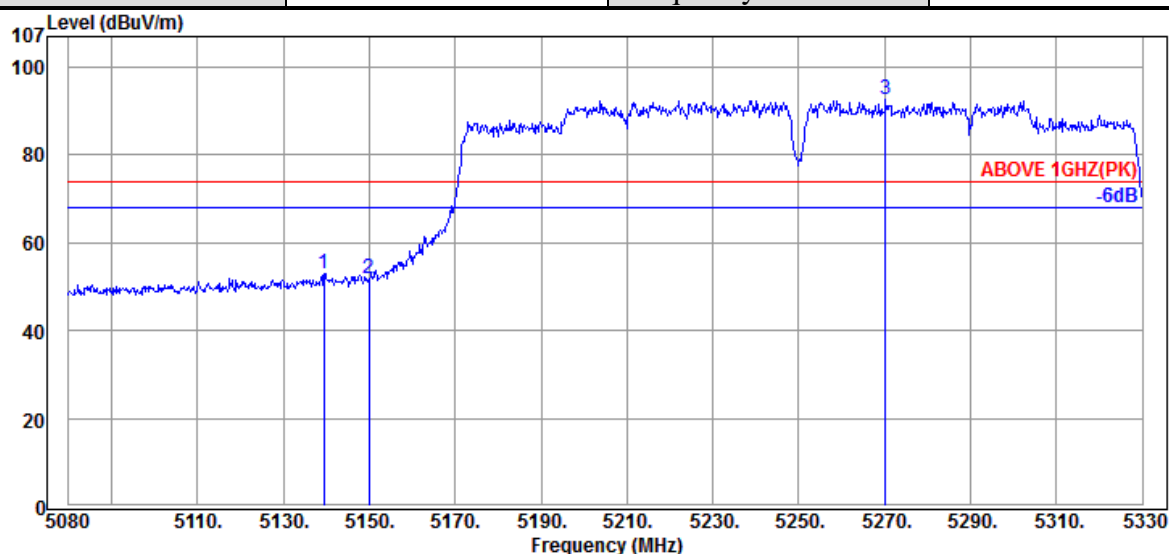


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.25	34.70	10.61	-5.11	40.20	54.00	13.80	Average
5150.00	34.70	10.61	-5.12	40.19	54.00	13.81	Average
@ 5302.00	34.60	10.72	33.15	78.47	---	---	Average

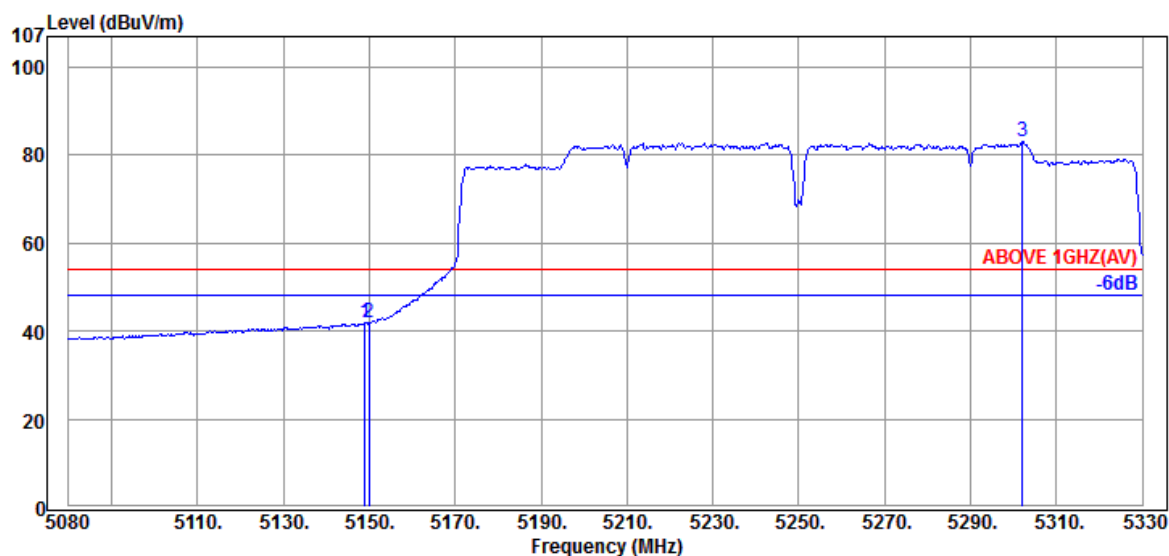
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ac-VH160	UNII Band	I& II-2A
		Frequency	TX 5250MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5139.50	34.70	10.61	7.47	52.78	74.00	21.22	Peak
5150.00	34.70	10.61	6.54	51.85	74.00	22.15	Peak
@ 5270.25	34.53	10.70	47.33	92.56	---	---	Peak



Antenna at Vertical Polarization

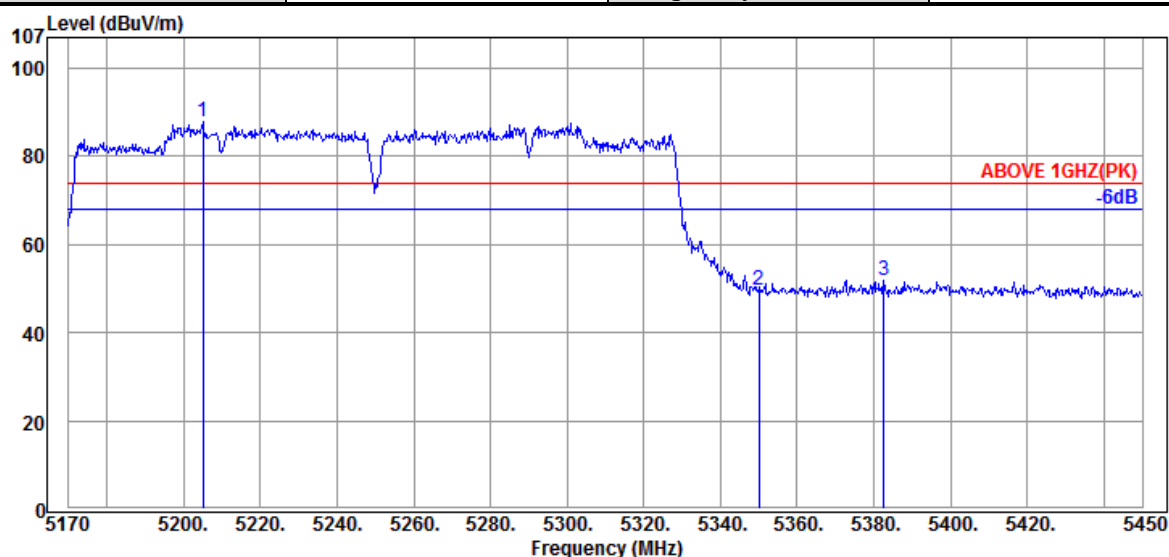
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.00	34.70	10.61	-3.41	41.90	54.00	12.10	Average
5150.00	34.70	10.61	-3.46	41.85	54.00	12.15	Average
@ 5302.00	34.60	10.72	37.81	83.13	---	---	Average

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

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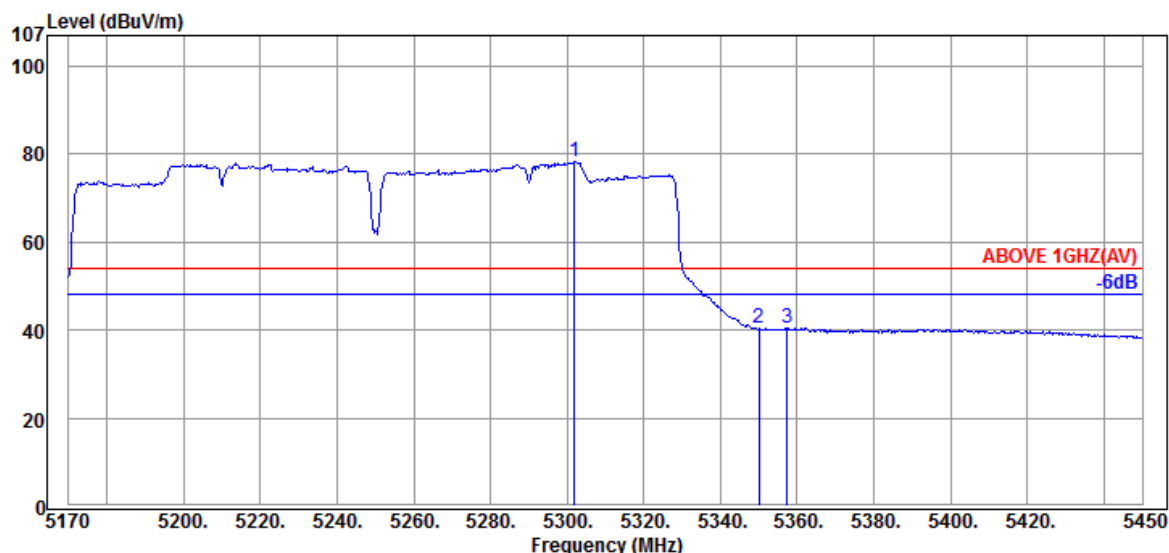
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Mode	802.11ac-VH160	UNII Band	I& II-2A
		Frequency	TX 5250MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5205.00	34.50	10.65	42.79	87.94	---	---	Peak
	5350.04	34.80	10.76	3.98	49.54	74.00	24.46	Peak
	5382.52	34.87	10.79	6.30	51.96	74.00	22.04	Peak



Antenna at Horizontal Polarization

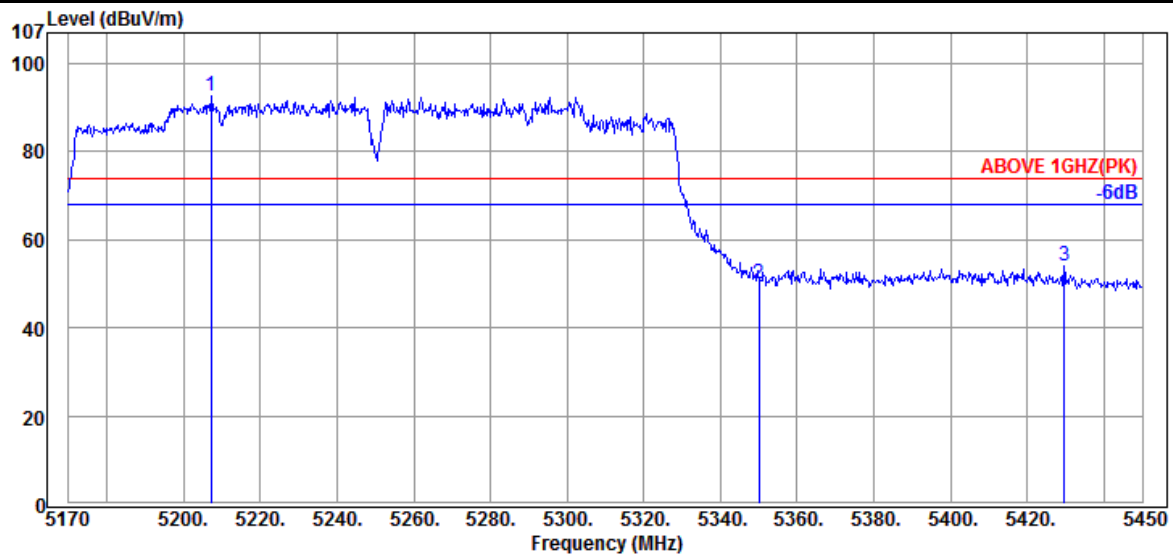
	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5301.88	34.60	10.72	32.94	78.26	---	---	Average
	5350.04	34.80	10.76	-5.21	40.35	54.00	13.65	Average
	5357.32	34.80	10.76	-5.23	40.33	54.00	13.67	Average

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

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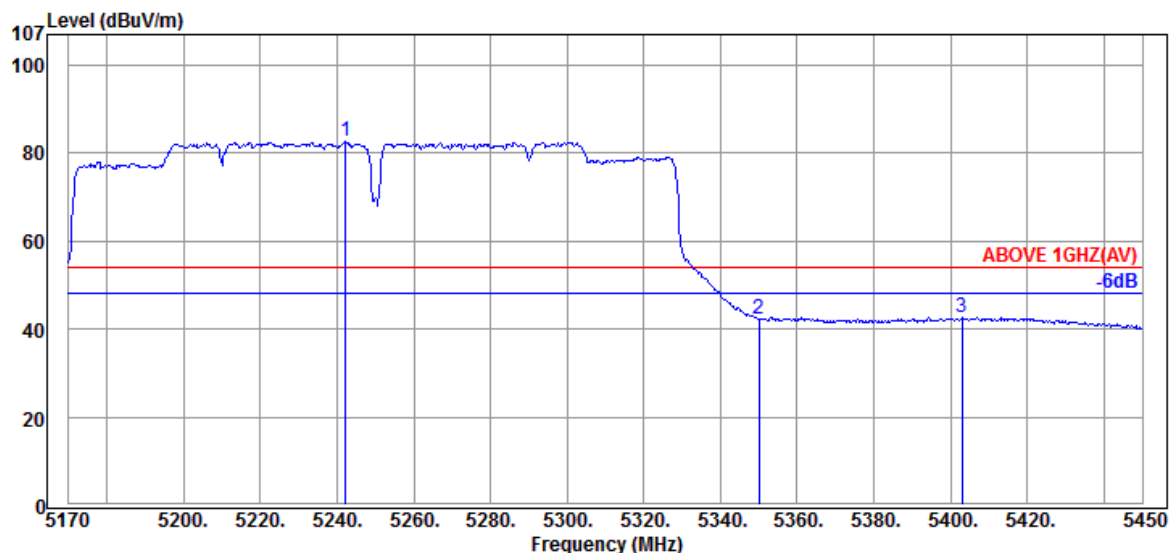
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Fax: +886 2 26099303

Mode	802.11ac-VH160	UNII Band	I& II-2A
		Frequency	TX 5250MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5207.24	34.50	10.65	47.55	92.70	---	---	Peak
	5350.04	34.80	10.76	4.60	50.16	74.00	23.84	Peak
	5429.56	34.77	10.83	8.28	53.88	74.00	20.12	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5242.24	34.50	10.68	37.62	82.80	---	---	Average
	5350.04	34.80	10.76	-3.11	42.45	54.00	11.55	Average
	5402.96	34.90	10.80	-2.95	42.75	54.00	11.25	Average

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

File Number: CIM1909186

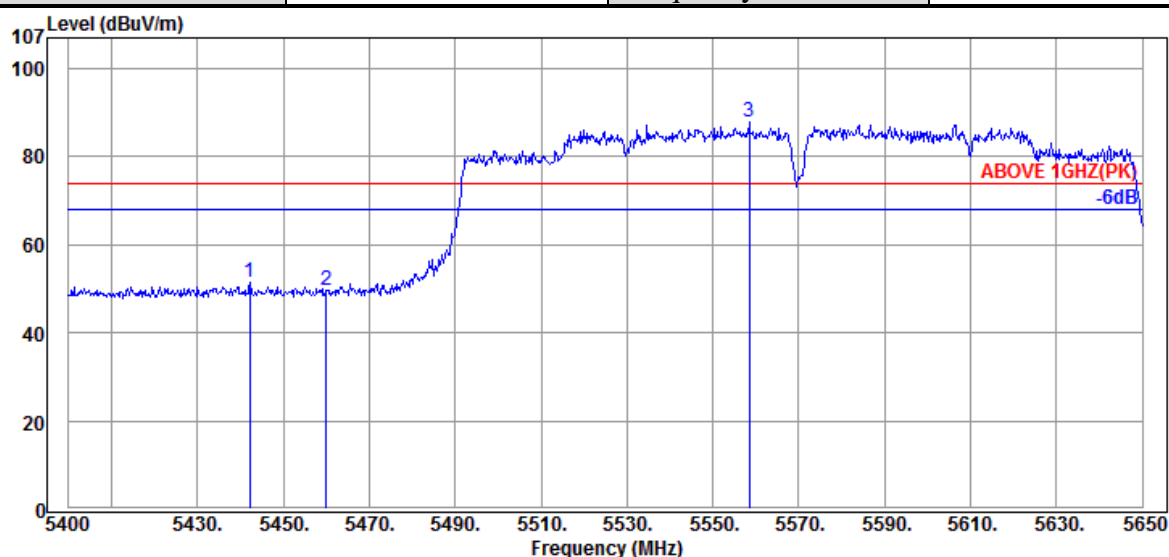
Report Number: EM-F190341

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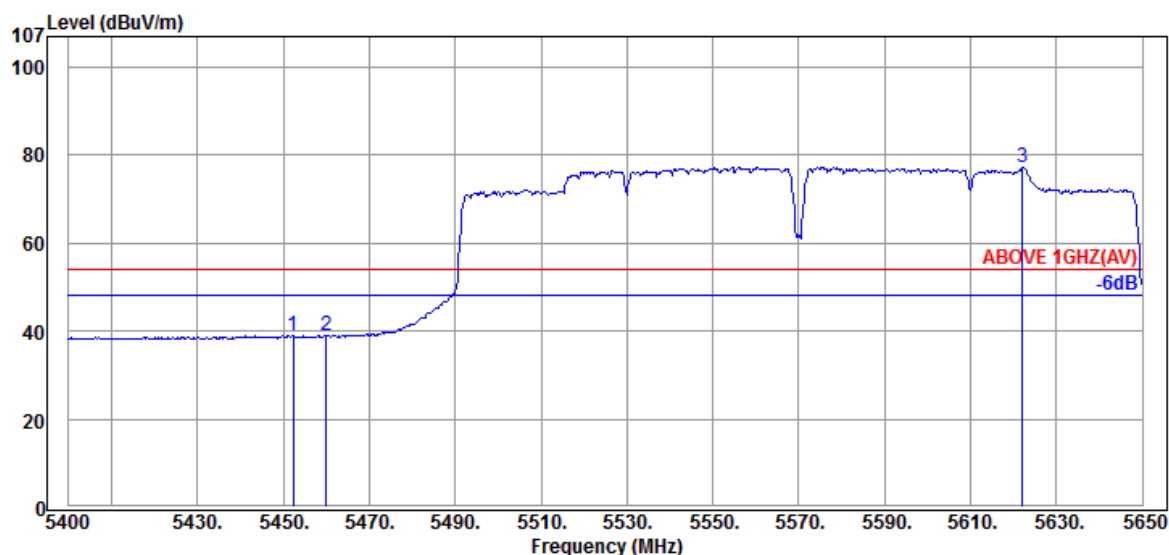
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Mode	802.11ac-VHT160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5442.25	34.77	10.83	5.77	51.37	74.00	22.63	Peak
5460.00	34.70	10.84	4.12	49.66	74.00	24.34	Peak
@ 5558.50	34.70	10.89	42.36	87.95	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5452.25	34.70	10.84	-6.56	38.98	54.00	15.02	Average
5460.00	34.70	10.84	-6.62	38.92	54.00	15.08	Average
@ 5622.00	34.87	10.89	31.48	77.24	---	---	Average

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

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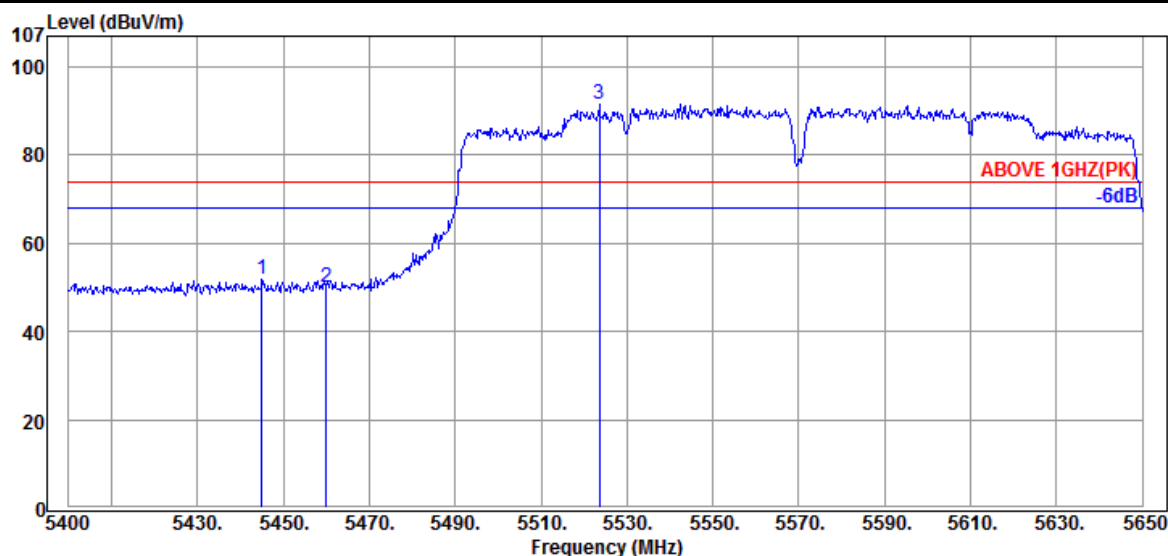
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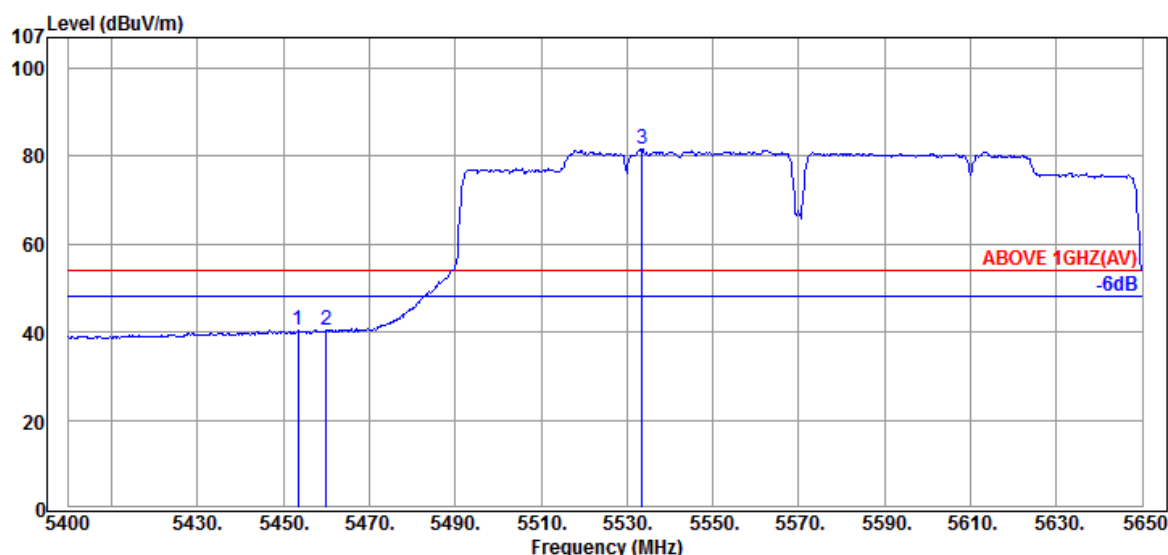
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Mode	802.11ac-VHT160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5445.00	34.77	10.83	6.38	51.98	74.00	22.02	Peak
5460.00	34.70	10.84	4.55	50.09	74.00	23.91	Peak
@ 5523.50	34.63	10.88	46.16	91.67	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5453.50	34.70	10.84	-5.25	40.29	54.00	13.71	Average
5460.00	34.70	10.84	-5.21	40.33	54.00	13.67	Average
@ 5533.50	34.67	10.88	36.20	81.75	---	---	Average

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

File Number: CIM1909186

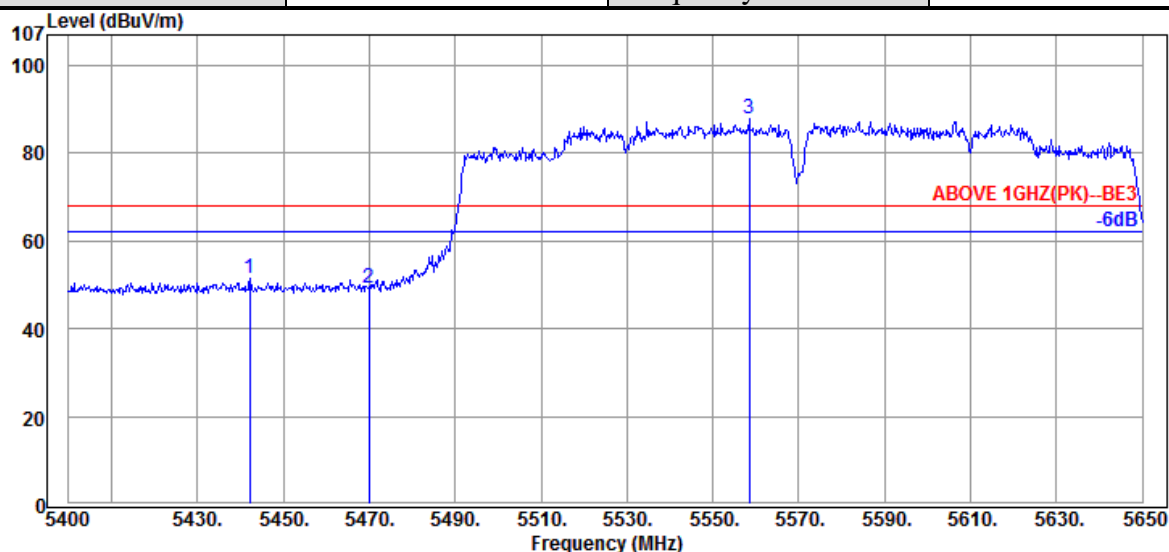
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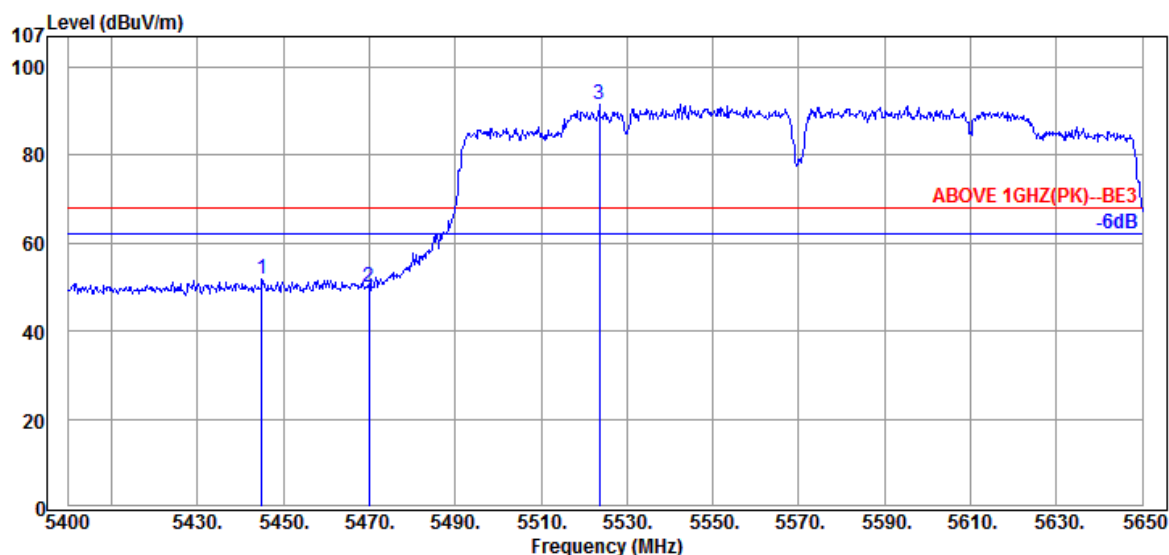
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Mode	802.11ac-VHT160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5442.25	34.77	10.83	5.77	51.37	68.20	16.83	Peak
5470.00	34.67	10.85	3.83	49.35	68.20	18.85	Peak
@ 5558.50	34.70	10.89	42.36	87.95	---	---	Peak



Antenna at Vertical Polarization

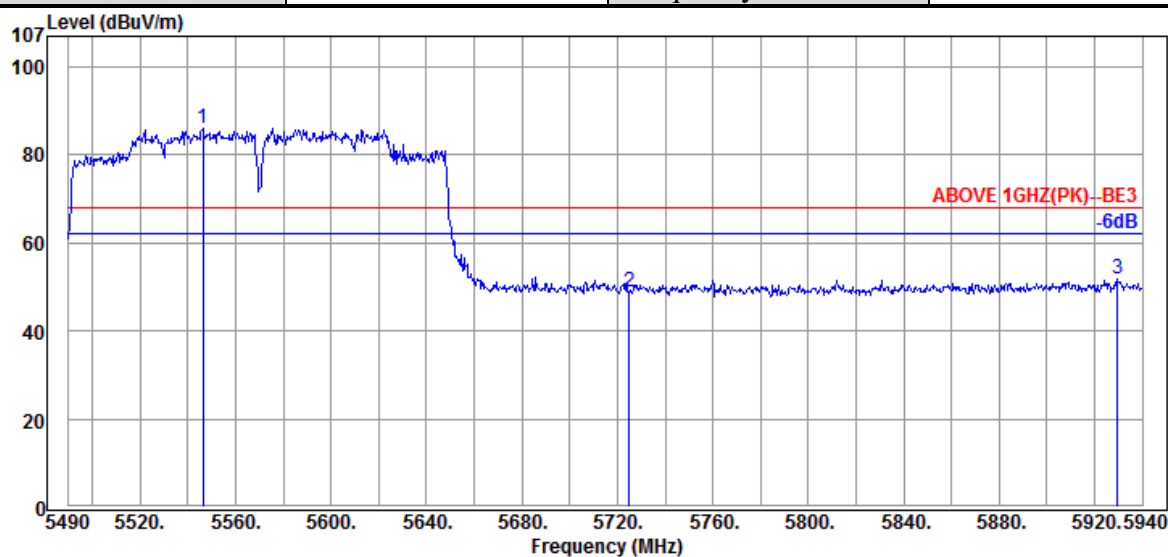
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5445.00	34.77	10.83	6.38	51.98	68.20	16.22	Peak
5470.00	34.67	10.85	4.59	50.11	68.20	18.09	Peak
@ 5523.50	34.63	10.88	46.16	91.67	---	---	Peak

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

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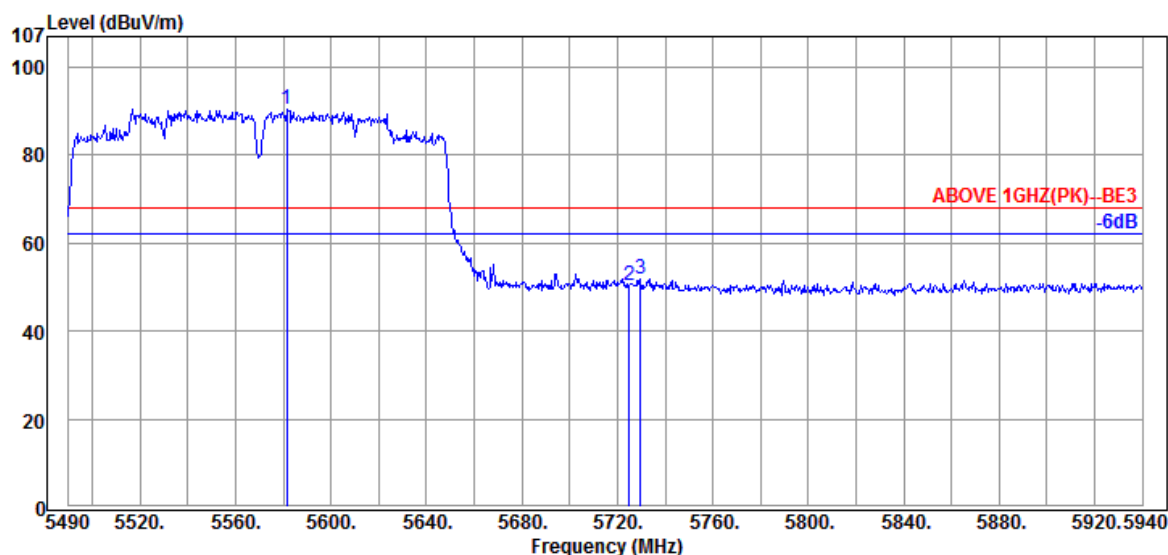
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Fax: +886 2 26099303

Mode	802.11ac-VH160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5546.25	34.67	10.88	40.49	86.04	---	---	Peak
	5724.90	34.83	10.91	3.23	48.97	68.20	19.23	Peak
	5929.65	35.73	10.93	5.05	51.71	68.20	16.49	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5581.35	34.77	10.89	44.86	90.52	---	---	Peak
	5724.90	34.83	10.91	4.48	50.22	68.20	17.98	Peak
	5729.85	34.83	10.91	6.28	52.02	68.20	16.18	Peak

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

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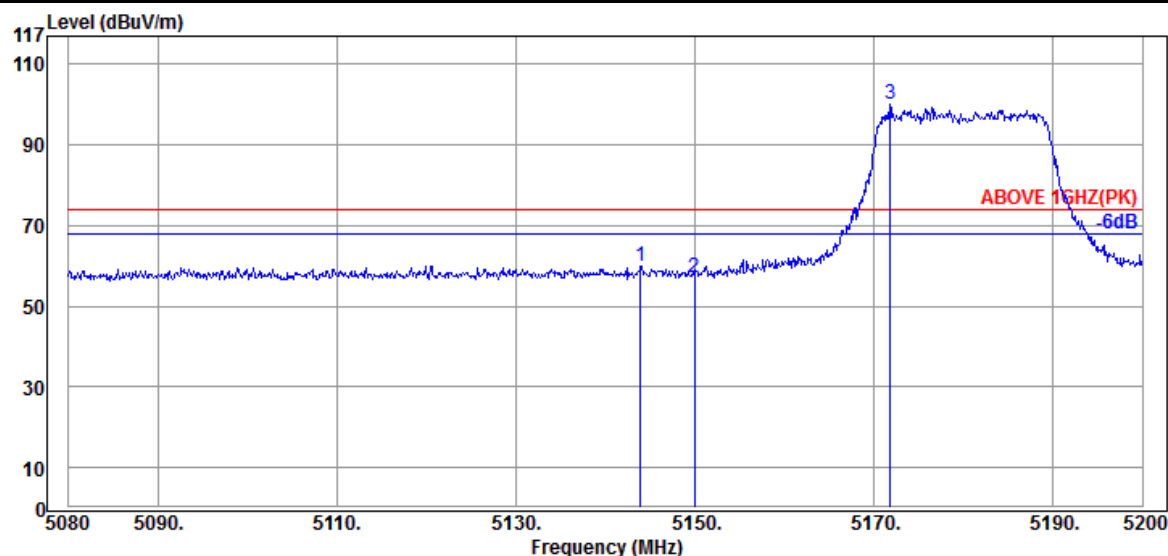
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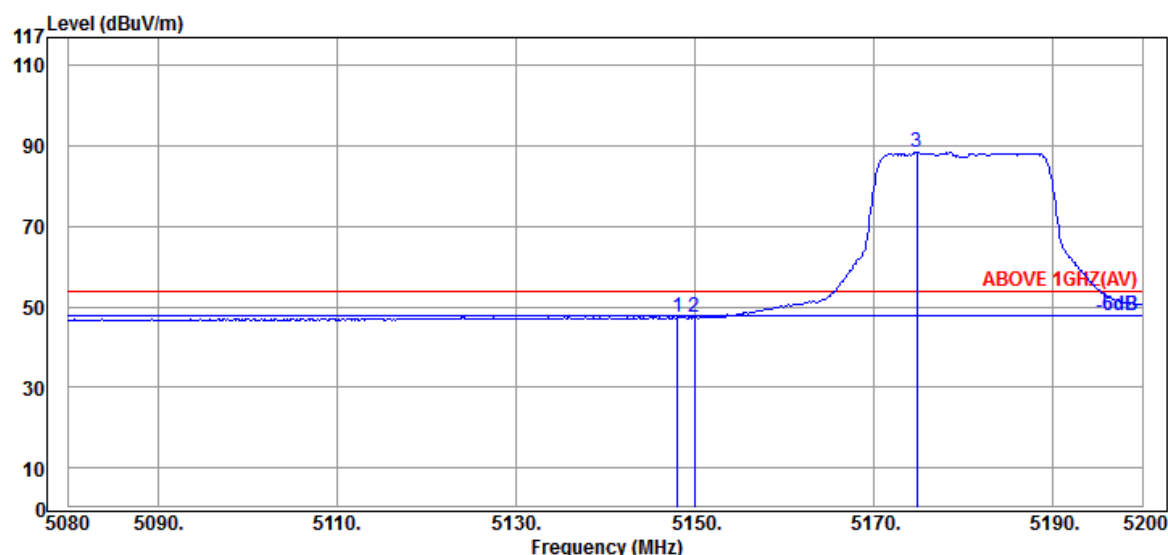
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Mode	802.11ax-HE20	UNII Band	I
		Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5143.96	34.70	10.61	14.62	59.93	74.00	14.07	Peak
5149.96	34.70	10.61	11.86	57.17	74.00	16.83	Peak
@ 5171.80	34.63	10.62	54.72	99.97	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.04	34.70	10.61	2.15	47.46	54.00	6.54	Average
5149.96	34.70	10.61	1.96	47.27	54.00	6.73	Average
@ 5174.80	34.57	10.63	43.12	88.32	---	---	Average

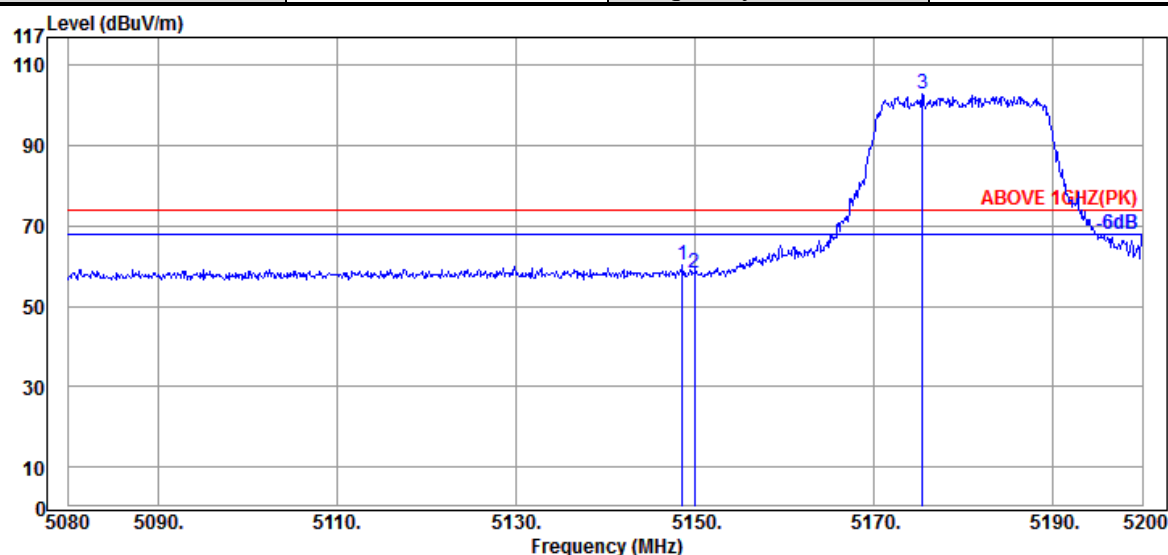
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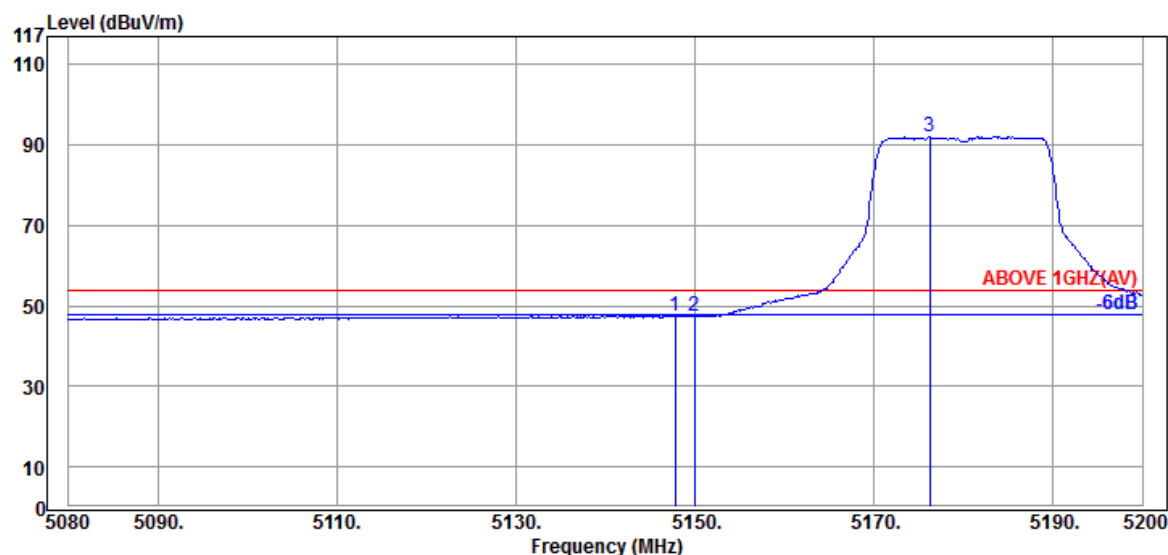
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Mode	802.11ax-HE20	UNII Band	I
		Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.64	34.70	10.61	15.15	60.46	74.00	13.54	Peak
5149.96	34.70	10.61	13.17	58.48	74.00	15.52	Peak
@ 5175.40	34.57	10.63	57.89	103.09	---	---	Peak



Antenna at Vertical Polarization

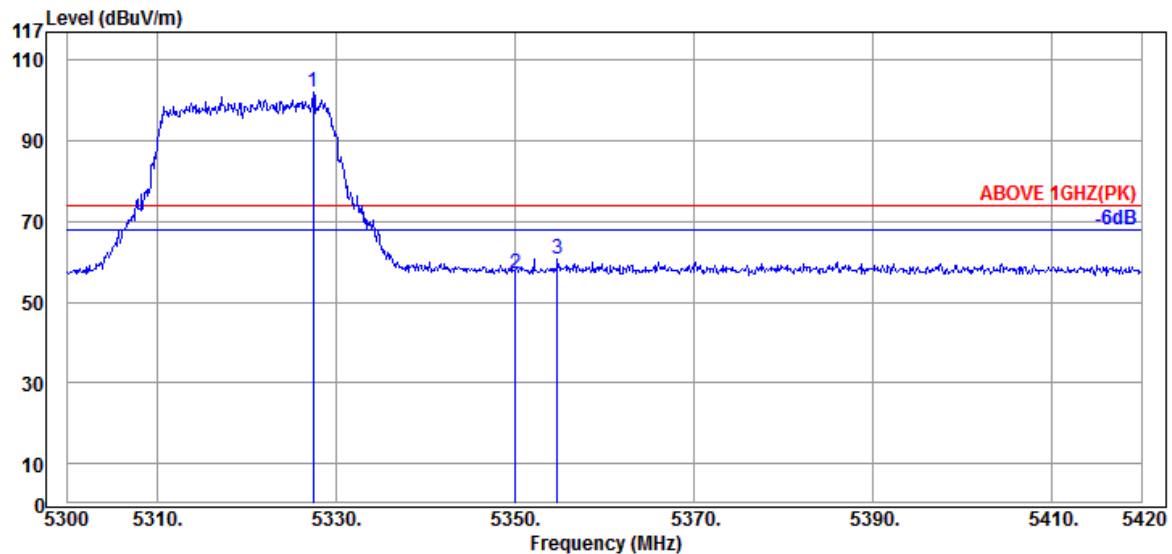
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.80	34.70	10.61	2.33	47.64	54.00	6.36	Average
5149.96	34.70	10.61	2.11	47.42	54.00	6.58	Average
@ 5176.24	34.57	10.63	47.04	92.24	---	---	Average

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

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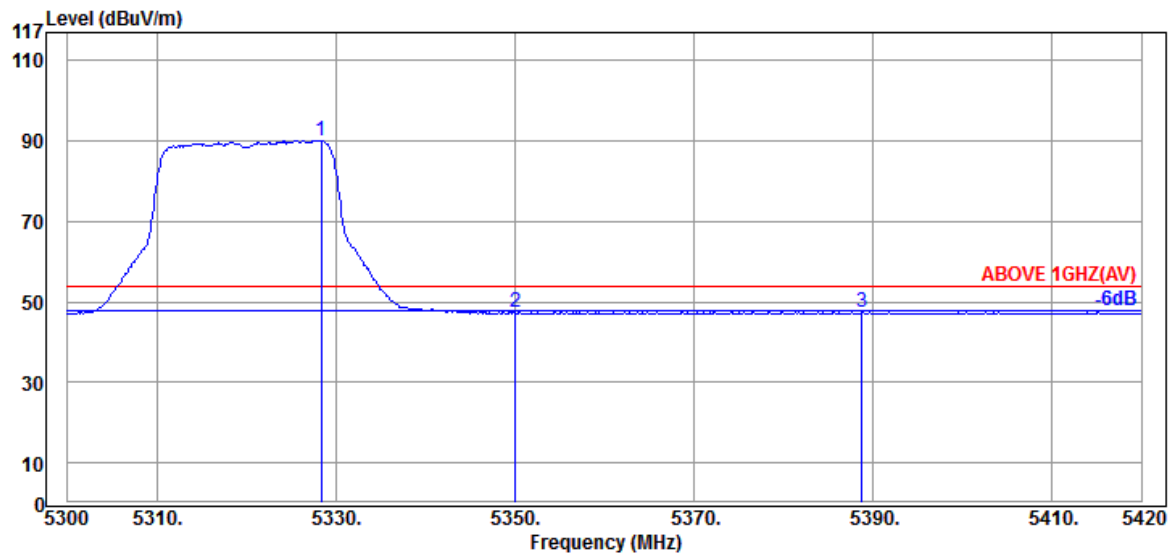
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Mode	802.11ax-HE20	UNII Band	II-2A
		Frequency	TX 5320MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.48	34.73	10.75	56.59	102.07	---	---	Peak
	5350.04	34.80	10.76	11.54	57.10	74.00	16.90	Peak
	5354.72	34.80	10.76	15.18	60.74	74.00	13.26	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5328.32	34.73	10.75	44.63	90.11	---	---	Average
	5350.04	34.80	10.76	1.72	47.28	54.00	6.72	Average
	5388.80	34.87	10.79	1.71	47.37	54.00	6.63	Average

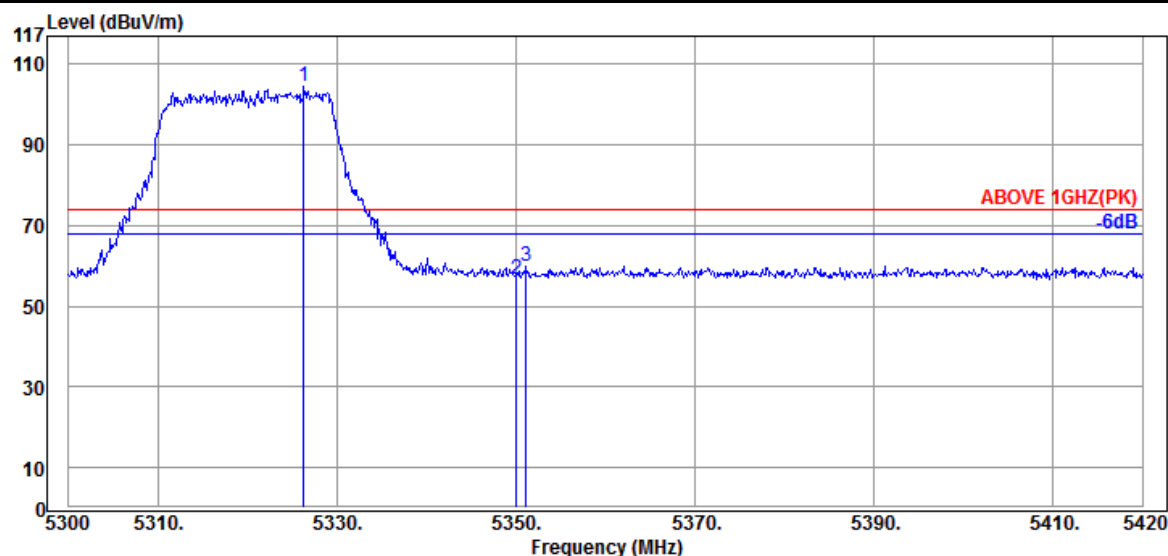
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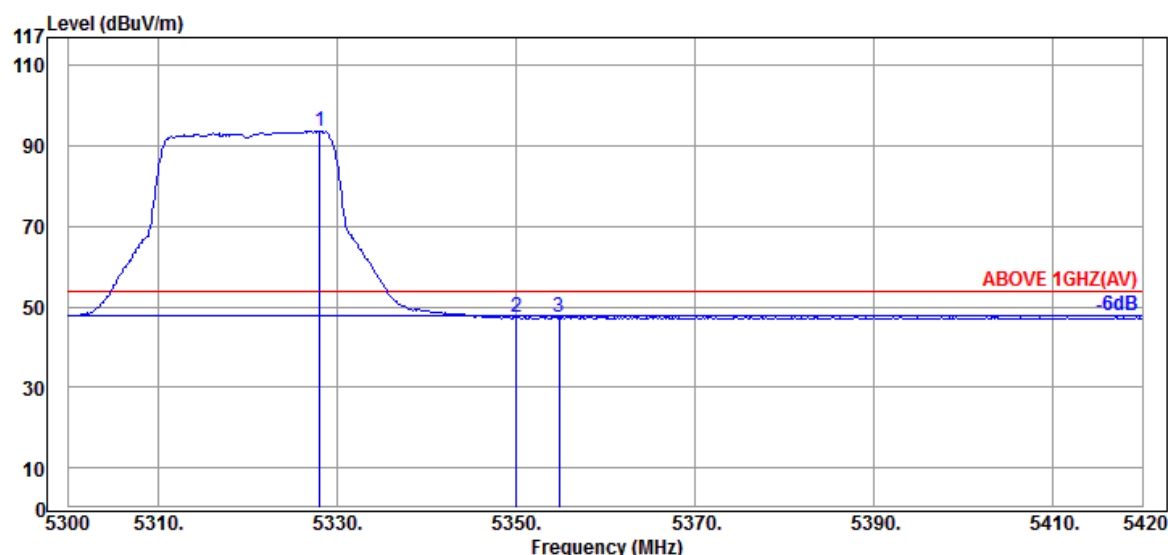
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Mode	802.11ax-HE20	UNII Band	II-2A
		Frequency	TX 5320MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.28	34.67	10.74	59.06	104.47	---	---	Peak
	5350.04	34.80	10.76	11.26	56.82	74.00	17.18	Peak
	5351.12	34.80	10.76	14.49	60.05	74.00	13.95	Peak



Antenna at Vertical Polarization

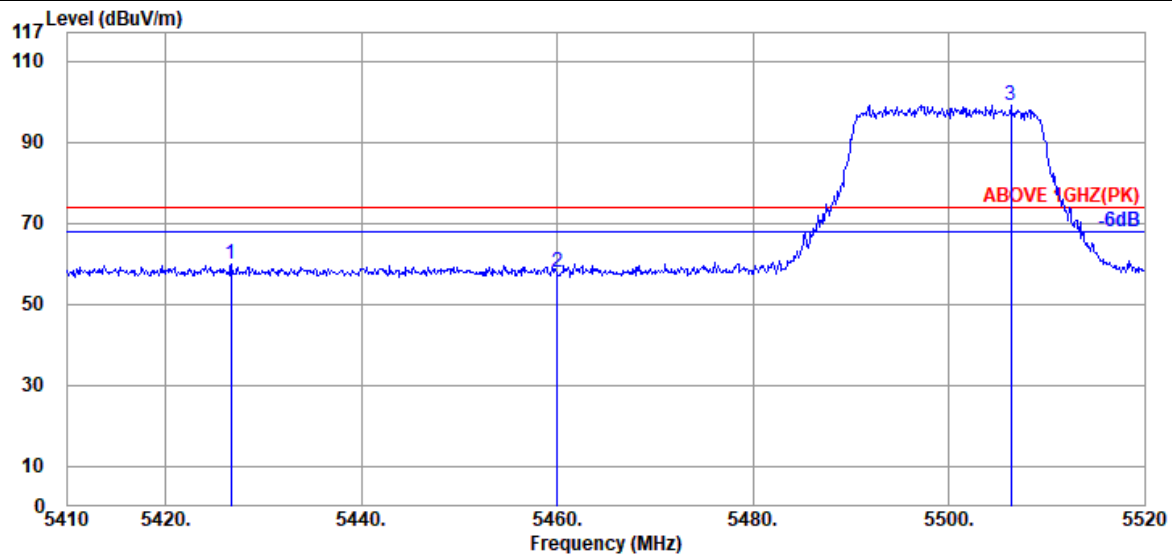
	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5328.08	34.73	10.75	48.22	93.70	---	---	Average
	5350.04	34.80	10.76	1.75	47.31	54.00	6.69	Average
	5354.84	34.80	10.76	1.95	47.51	54.00	6.49	Average

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

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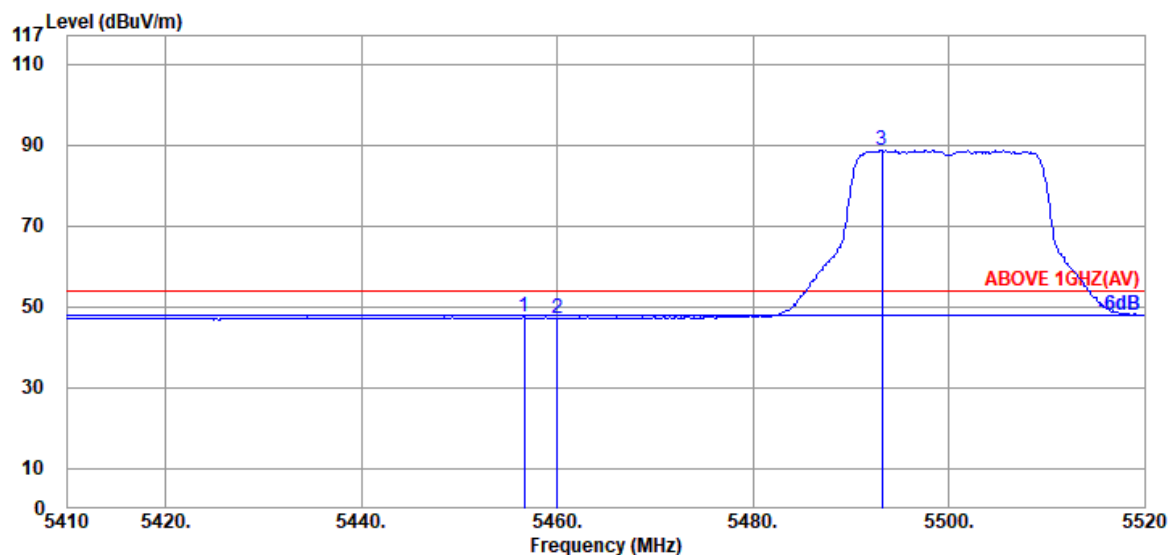
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Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5426.72	34.83	10.82	14.36	60.01	74.00	13.99	Peak
5460.05	34.70	10.84	12.25	57.79	74.00	16.21	Peak
@ 5506.36	34.60	10.88	53.63	99.11	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5456.64	34.70	10.84	1.92	47.46	54.00	6.54	Average
5460.05	34.70	10.84	1.53	47.07	54.00	6.93	Average
@ 5493.16	34.63	10.87	43.16	88.66	---	---	Average

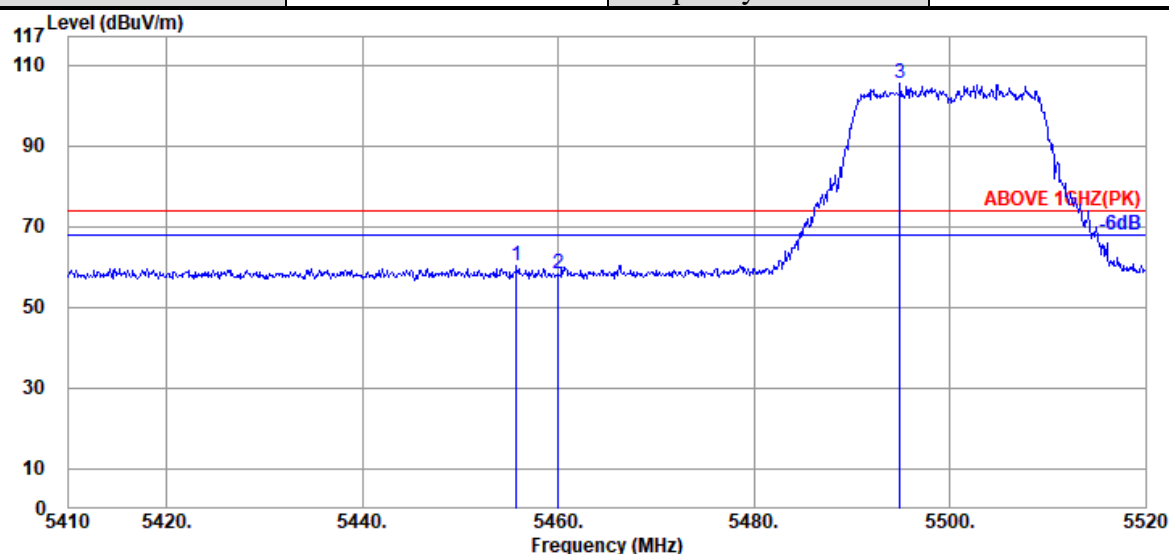
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Report Number: EM-F190341

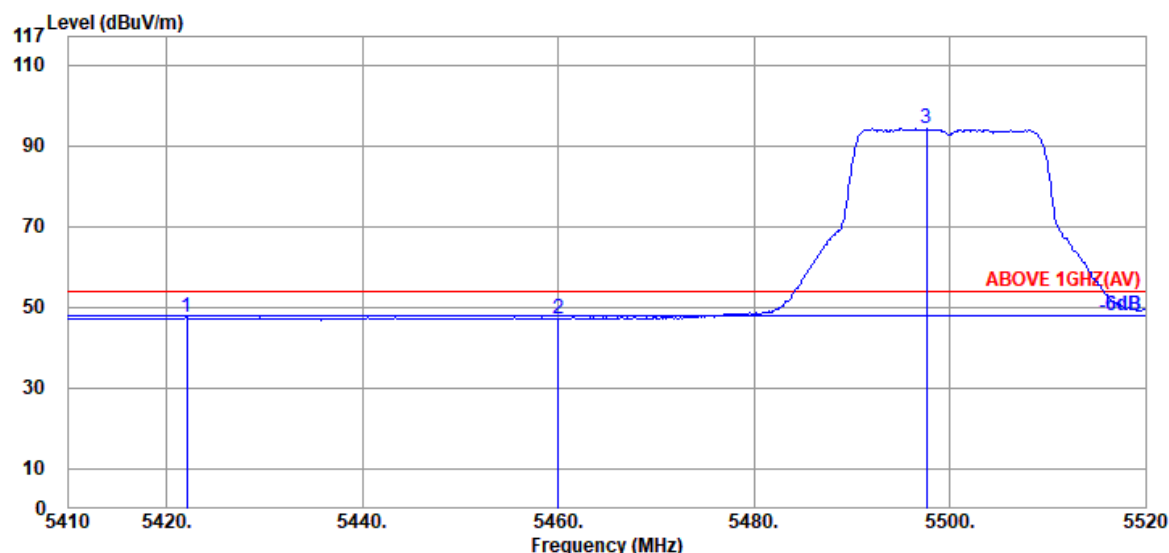
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Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.76	34.70	10.84	14.85	60.39	74.00	13.61	Peak
5460.05	34.70	10.84	12.78	58.32	74.00	15.68	Peak
@ 5494.92	34.63	10.87	59.73	105.23	---	---	Peak



Antenna at Vertical Polarization

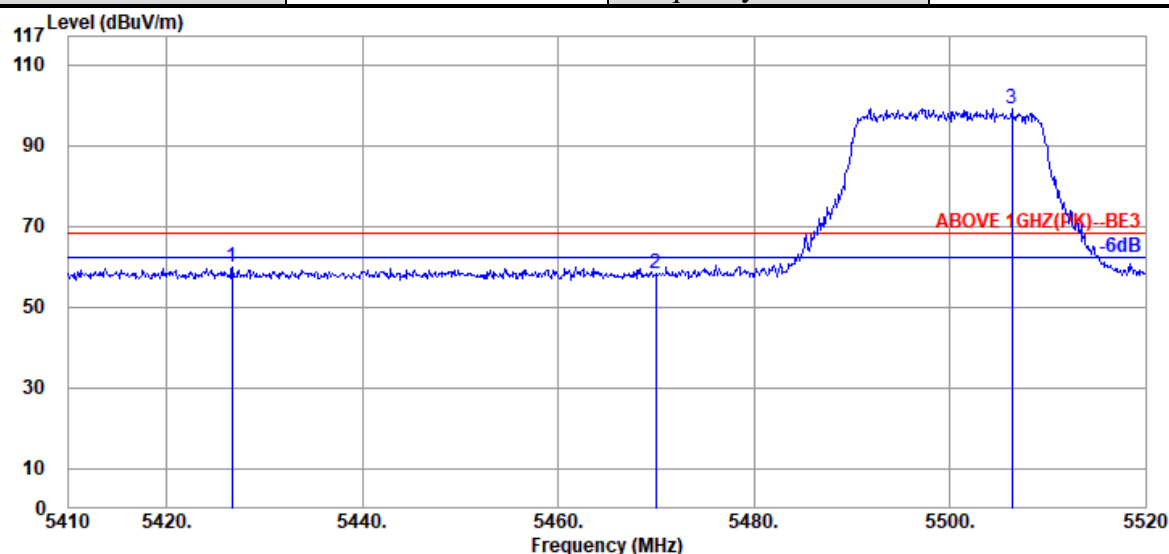
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5422.10	34.83	10.82	1.93	47.58	54.00	6.42	Average
5460.05	34.70	10.84	1.55	47.09	54.00	6.91	Average
@ 5497.67	34.60	10.88	48.60	94.08	---	---	Average

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

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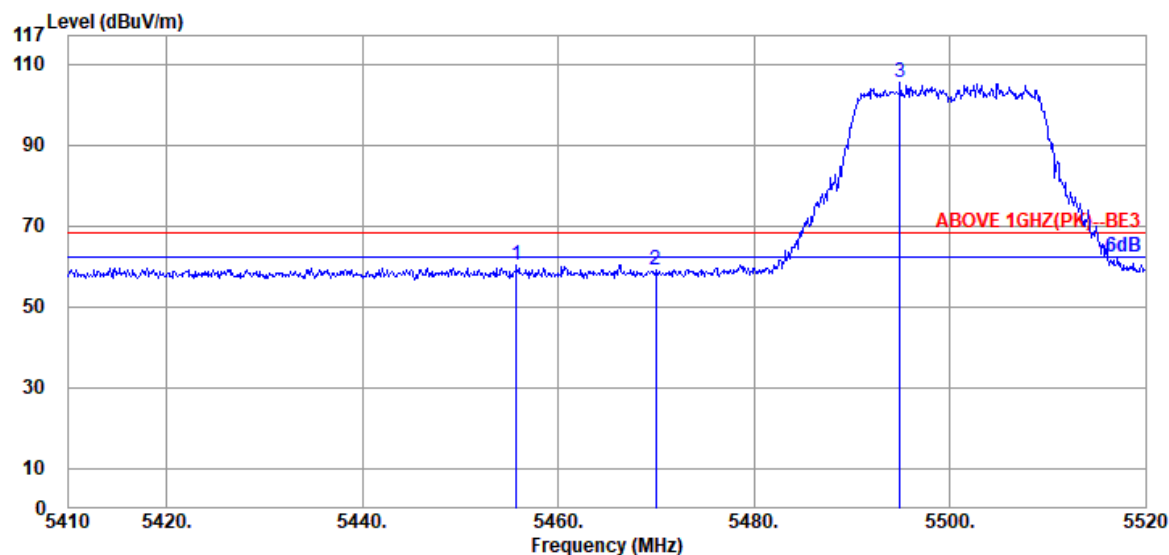
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Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5426.72	34.83	10.82	14.36	60.01	68.20	8.19	Peak
5469.95	34.67	10.85	12.94	58.46	68.20	9.74	Peak
@ 5506.36	34.60	10.88	53.63	99.11	---	---	Peak



Antenna at Vertical Polarization

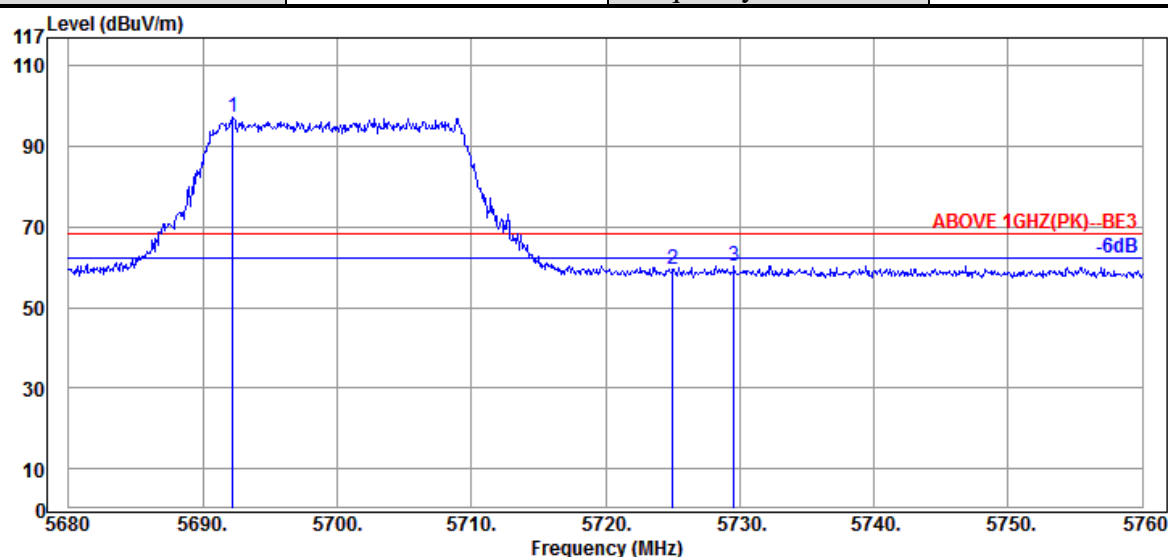
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.76	34.70	10.84	14.85	60.39	68.20	7.81	Peak
5469.95	34.67	10.85	13.68	59.20	68.20	9.00	Peak
@ 5494.92	34.63	10.87	59.73	105.23	---	---	Peak

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

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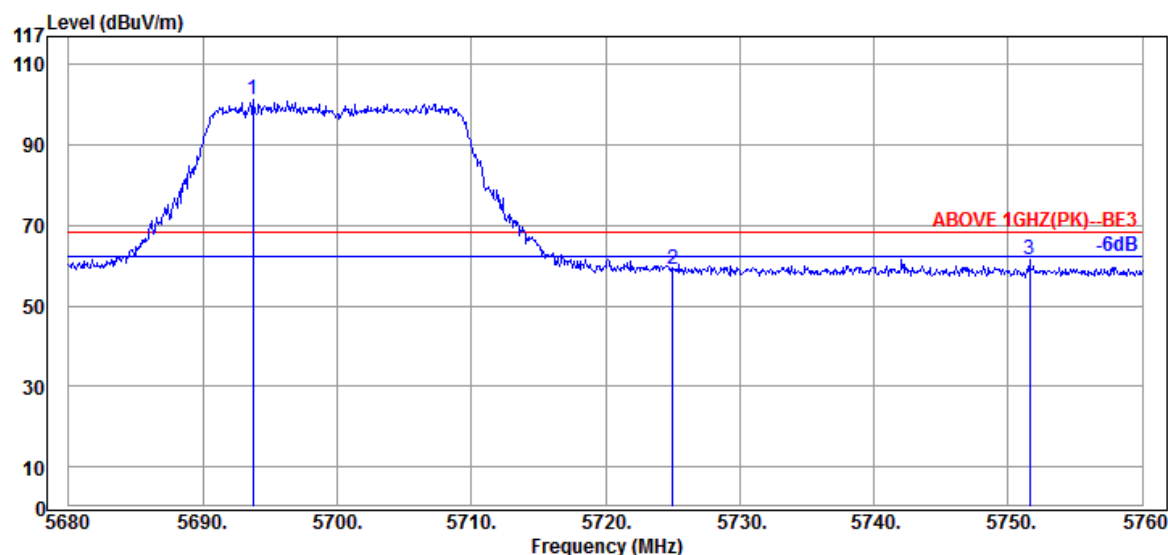
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Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5700MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5692.24	34.90	10.90	51.37	97.17	---	---	Peak
	5725.04	34.83	10.91	13.93	59.67	68.20	8.53	Peak
	5729.60	34.83	10.91	14.73	60.47	68.20	7.73	Peak



Antenna at Vertical Polarization

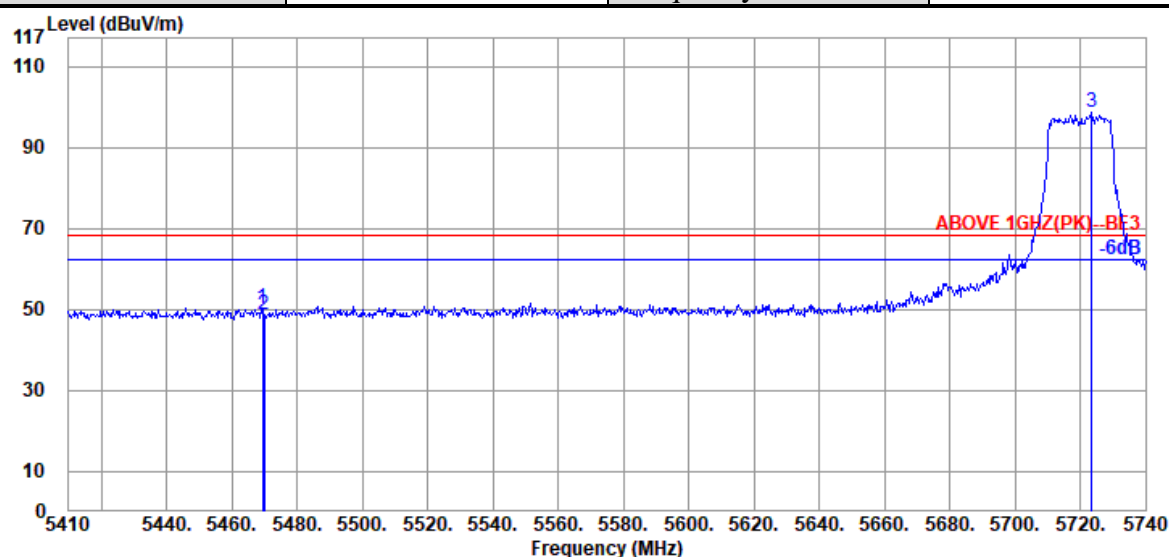
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@	5693.76	34.90	10.90	55.63	101.43	---	---	Peak
	5725.04	34.83	10.91	13.23	58.97	68.20	9.23	Peak
	5751.60	34.87	10.91	15.89	61.67	68.20	6.53	Peak

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

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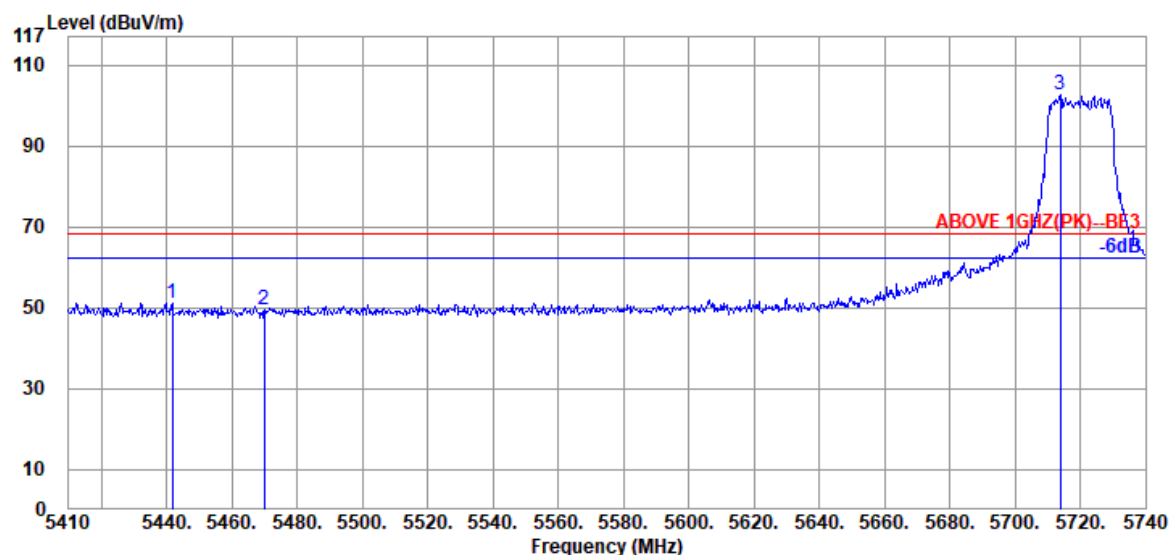
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Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.40	34.66	10.86	4.79	50.31	68.20	17.89	Peak
5470.06	34.66	10.86	3.17	48.69	68.20	19.51	Peak
@ 5723.50	34.85	10.91	52.93	98.69	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5441.68	34.73	10.83	5.66	51.22	68.20	16.98	Peak
5470.06	34.66	10.86	4.11	49.63	68.20	18.57	Peak
@ 5713.93	34.87	10.91	56.91	102.69	---	---	Peak

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

File Number: CIM1909186

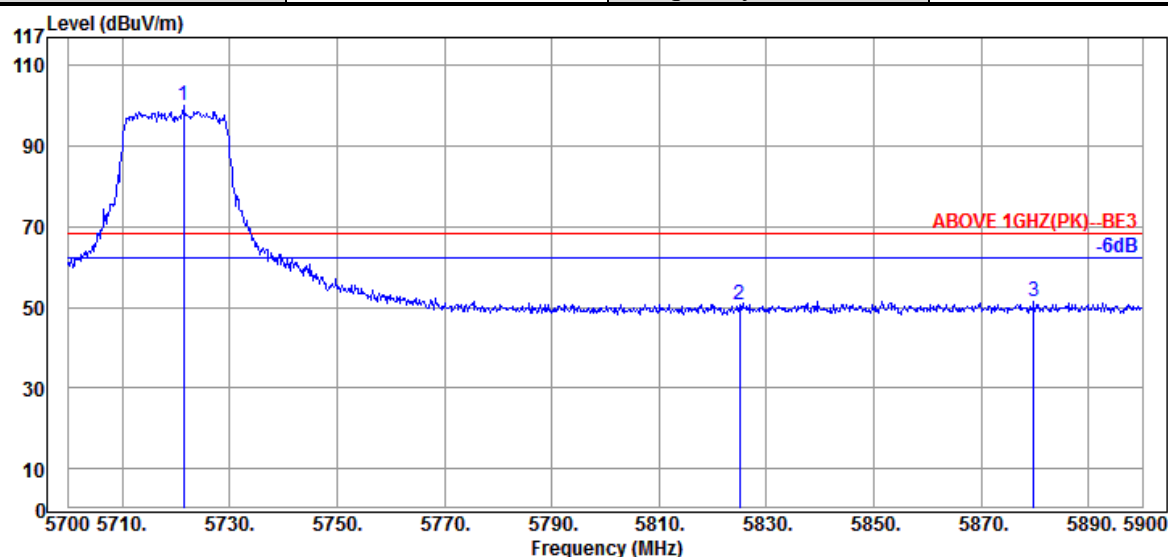
Report Number: EM-F190341

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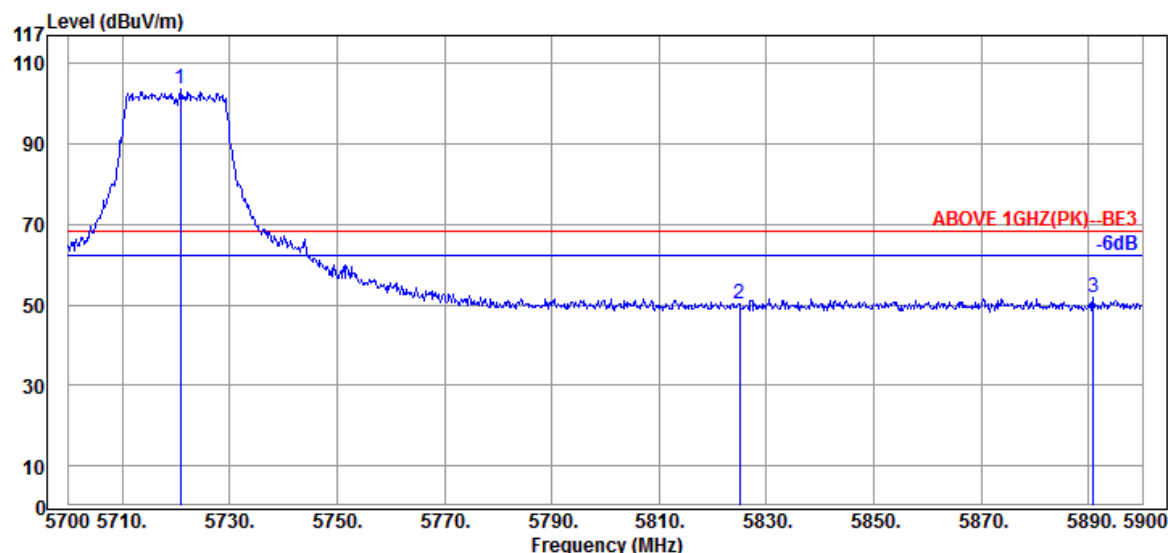
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5720MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5721.40	34.83	10.91	54.35	100.09	---	---	Peak
	5825.00	35.33	10.92	4.38	50.63	68.20	17.57	Peak
	5879.80	35.57	10.93	4.95	51.45	68.20	16.75	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5720.80	34.83	10.91	58.12	103.86	---	---	Peak
	5825.00	35.33	10.92	3.88	50.13	68.20	18.07	Peak
	5890.80	35.60	10.93	5.21	51.74	68.20	16.46	Peak

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

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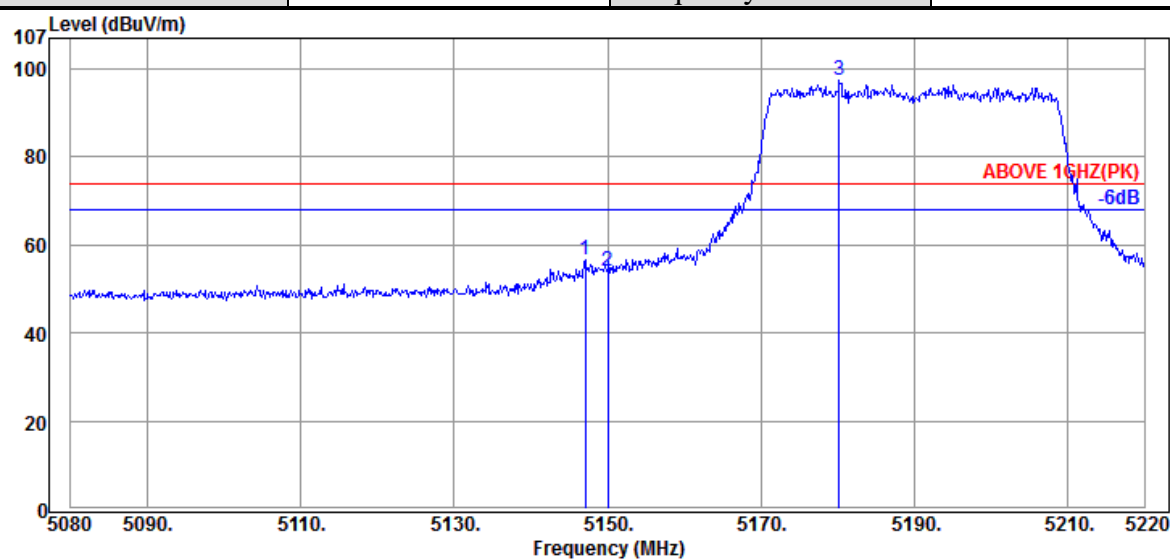
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Tel: +886 2 26099301

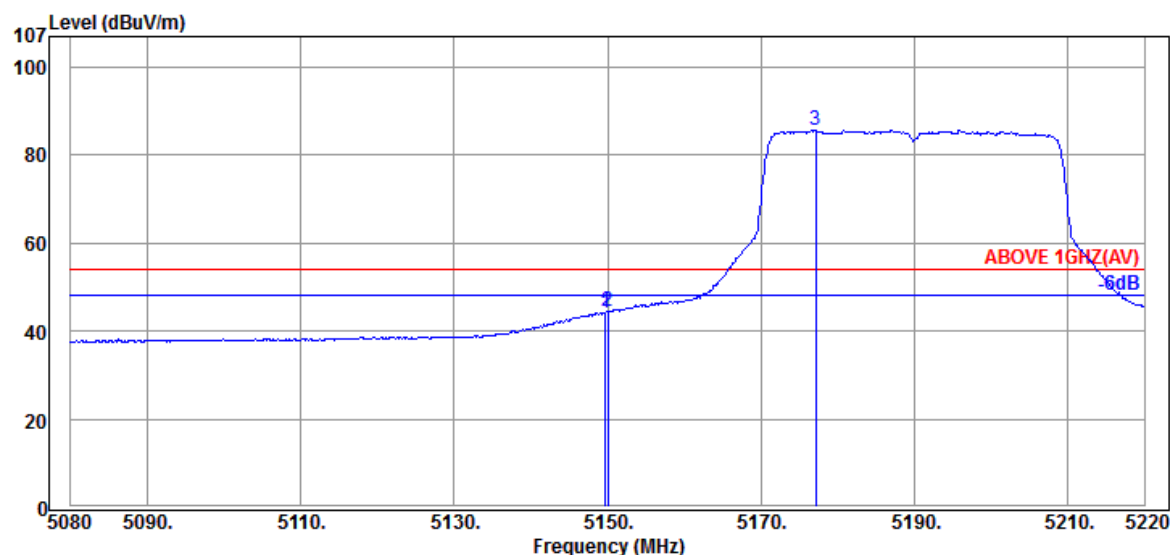
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	I
		Frequency	TX 5190MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.06	34.70	10.61	11.21	56.52	74.00	17.48	Peak
5150.00	34.70	10.61	8.75	54.06	74.00	19.94	Peak
@ 5180.24	34.57	10.63	52.27	97.47	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.70	10.61	-1.02	44.29	54.00	9.71	Average
5150.00	34.70	10.61	-0.92	44.39	54.00	9.61	Average
@ 5177.16	34.57	10.63	40.52	85.72	---	---	Average

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

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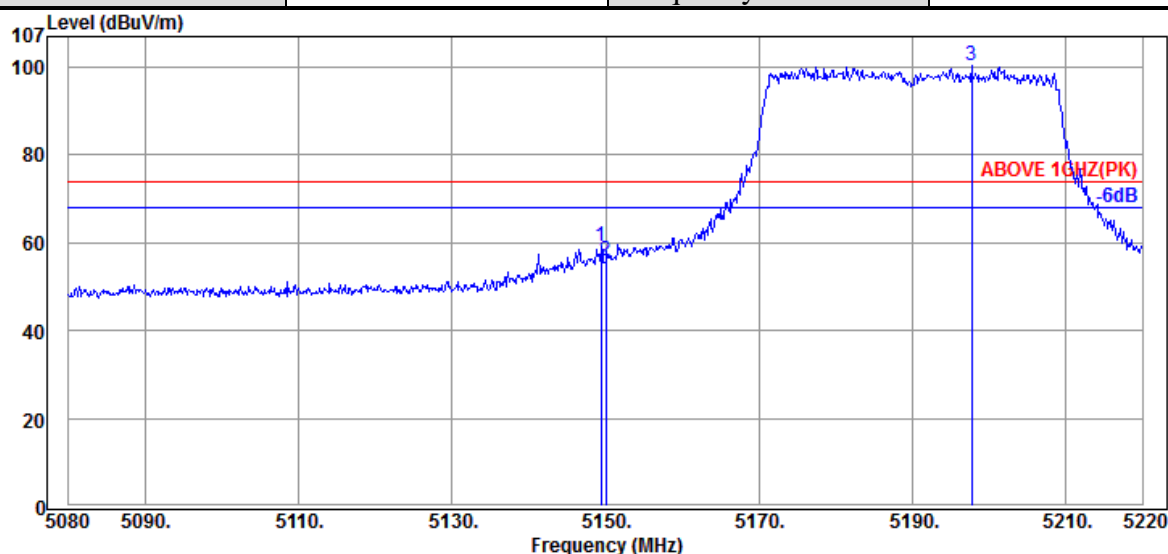
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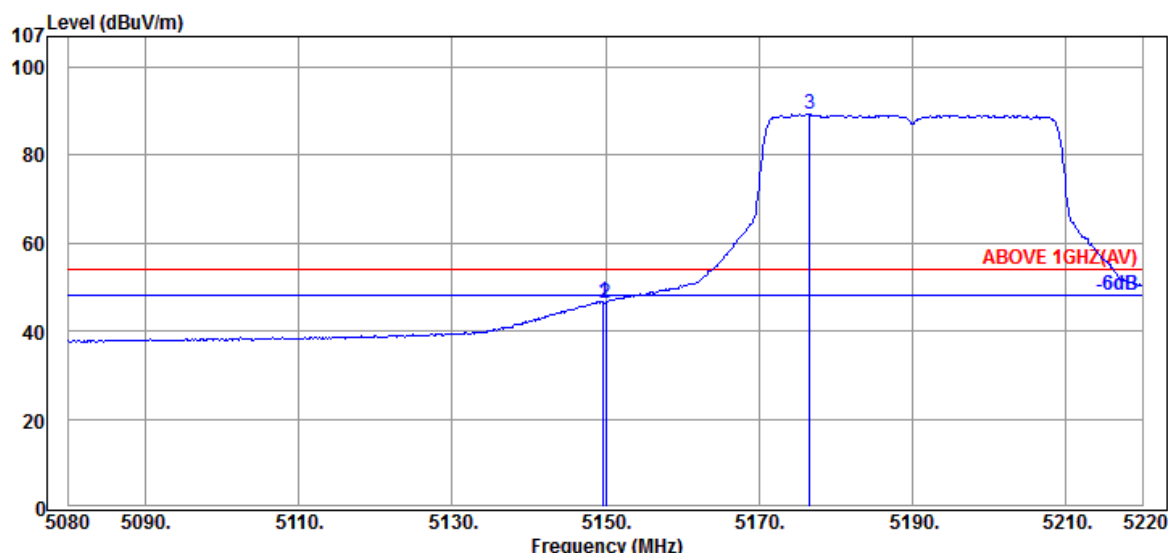
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	I
		Frequency	TX 5190MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.44	34.70	10.61	13.86	59.17	74.00	14.83	Peak
5150.00	34.70	10.61	10.63	55.94	74.00	18.06	Peak
@ 5197.74	34.50	10.65	55.21	100.36	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.72	34.70	10.61	1.43	46.74	54.00	7.26	Average
5150.00	34.70	10.61	1.16	46.47	54.00	7.53	Average
@ 5176.60	34.57	10.63	44.17	89.37	---	---	Average

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

File Number: CIM1909186

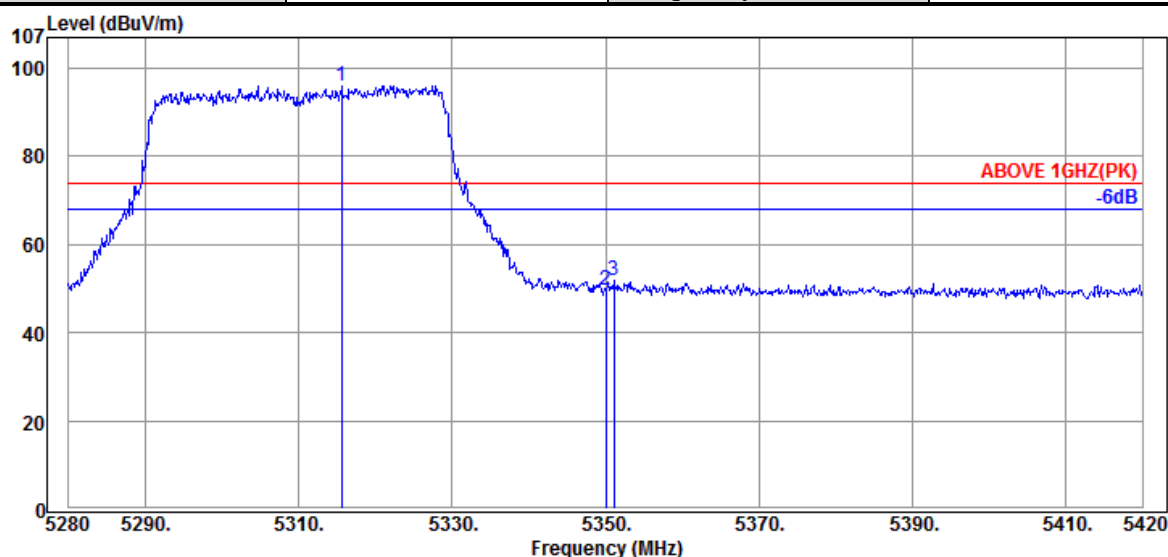
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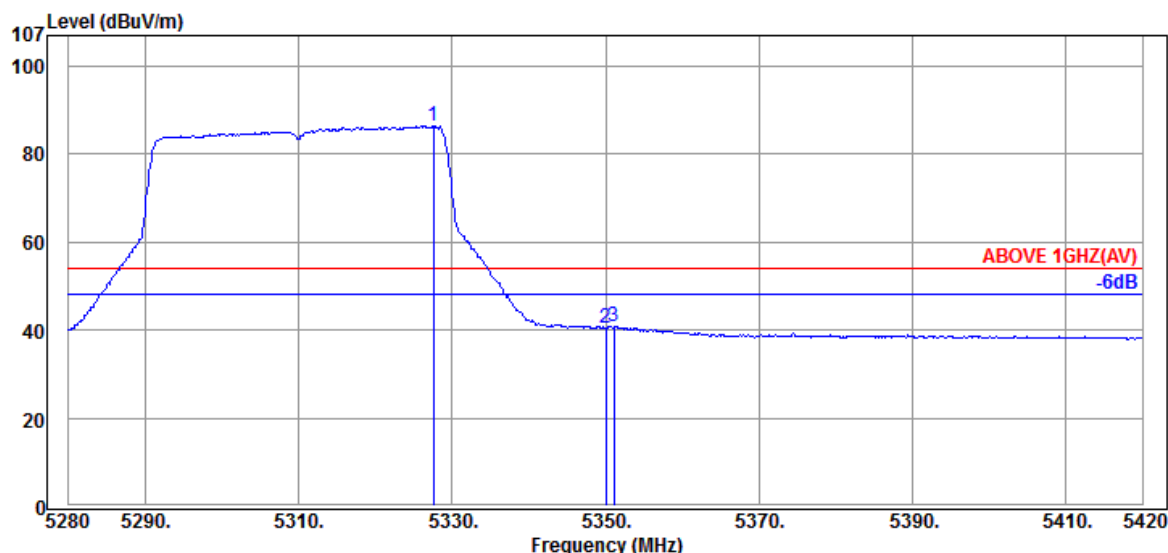
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Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2A
		Frequency	TX 5310MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5315.56	34.67	10.74	50.72	96.13	---	---	Peak
	5350.00	34.80	10.76	3.93	49.49	74.00	24.51	Peak
	5351.12	34.80	10.76	6.18	51.74	74.00	22.26	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.60	34.73	10.75	41.01	86.49	---	---	Average
	5350.00	34.80	10.76	-5.22	40.34	54.00	13.66	Average
	5351.12	34.80	10.76	-4.70	40.86	54.00	13.14	Average

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

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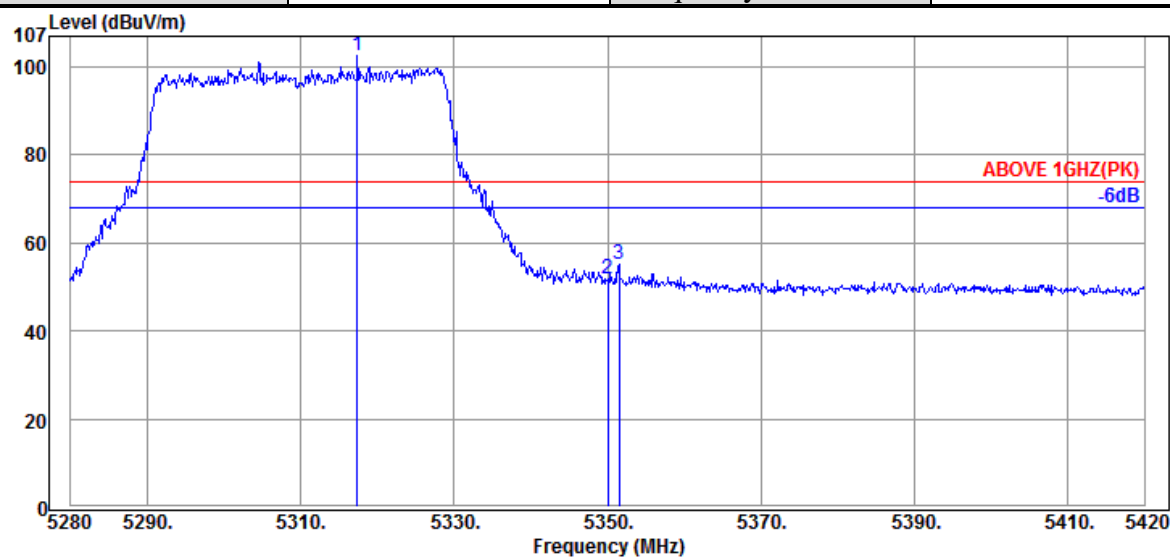
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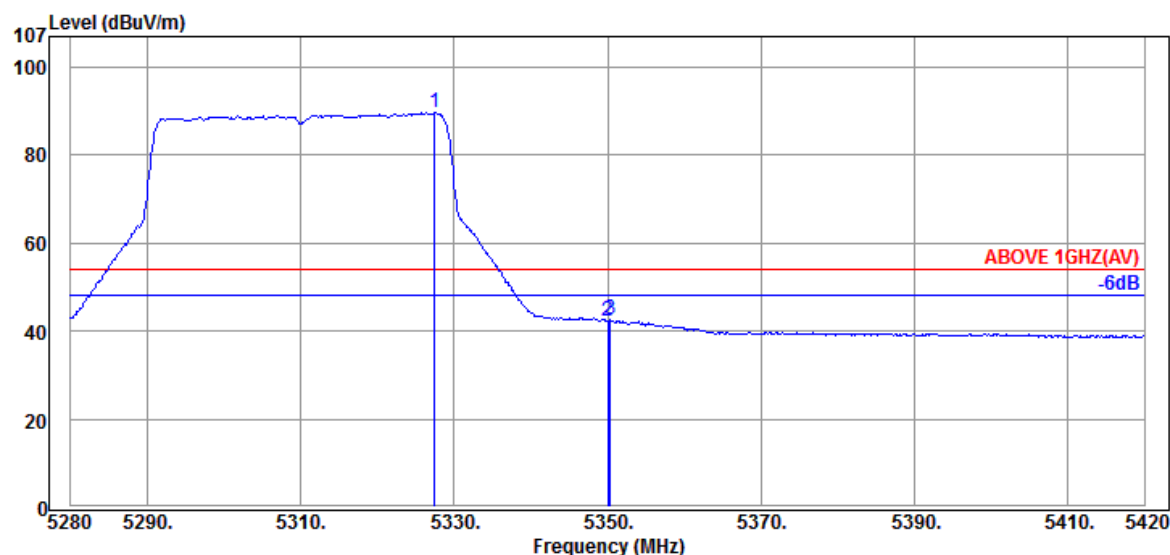
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2A
		Frequency	TX 5310MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5317.38	34.67	10.74	57.17	102.58	---	---	Peak
	5350.00	34.80	10.76	6.31	51.87	74.00	22.13	Peak
	5351.54	34.80	10.76	9.43	54.99	74.00	19.01	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.46	34.73	10.75	44.37	89.85	---	---	Average
	5350.00	34.80	10.76	-3.40	42.16	54.00	11.84	Average
	5350.42	34.80	10.76	-3.08	42.48	54.00	11.52	Average

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

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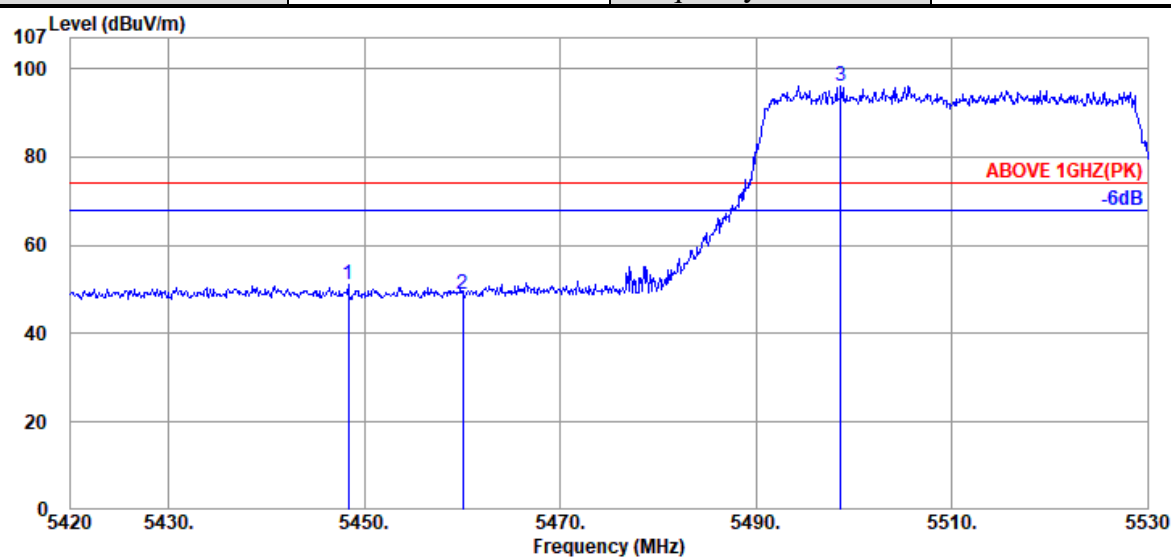
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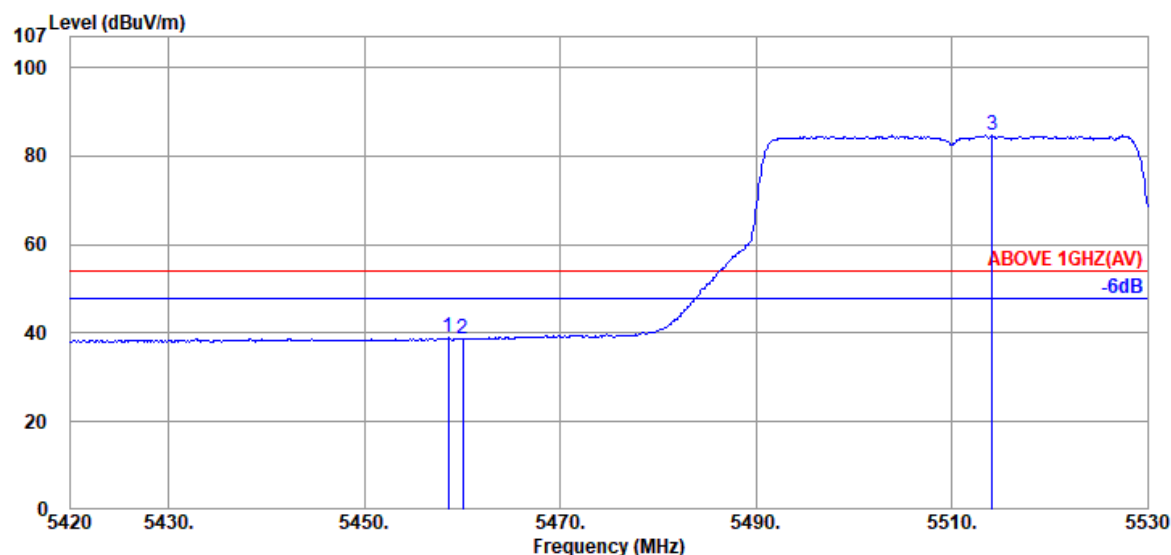
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Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5448.38	34.70	10.84	5.44	50.98	74.00	23.02	Peak
5460.04	34.70	10.84	3.43	48.97	74.00	25.03	Peak
@ 5498.65	34.60	10.88	50.62	96.10	---	---	Peak



Antenna at Horizontal Polarization

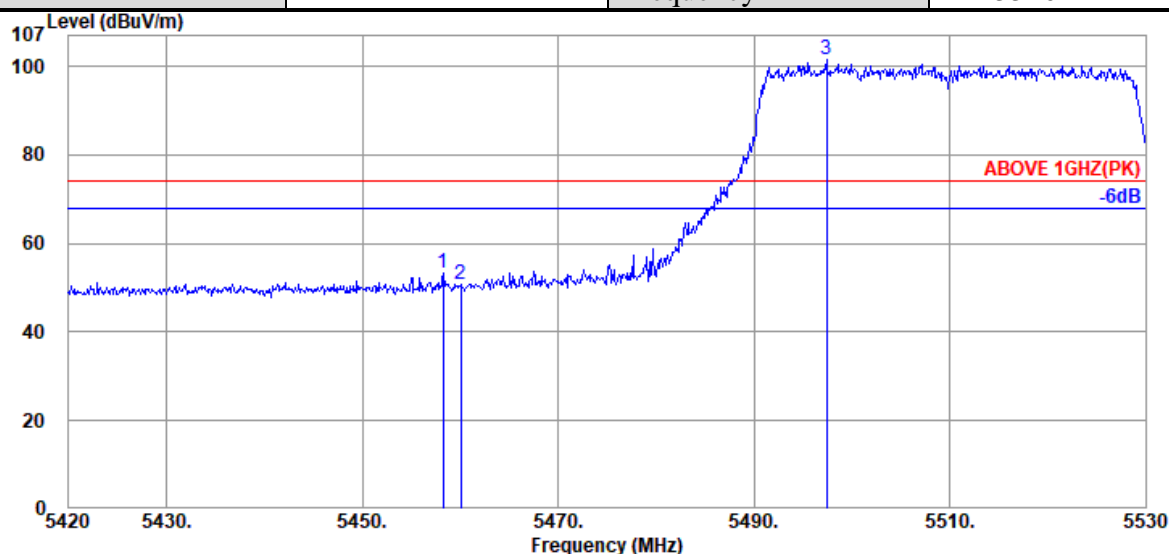
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5458.61	34.70	10.84	-6.58	38.96	54.00	15.04	Average
5460.04	34.70	10.84	-6.70	38.84	54.00	15.16	Average
@ 5514.16	34.63	10.88	39.19	84.70	---	---	Average

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

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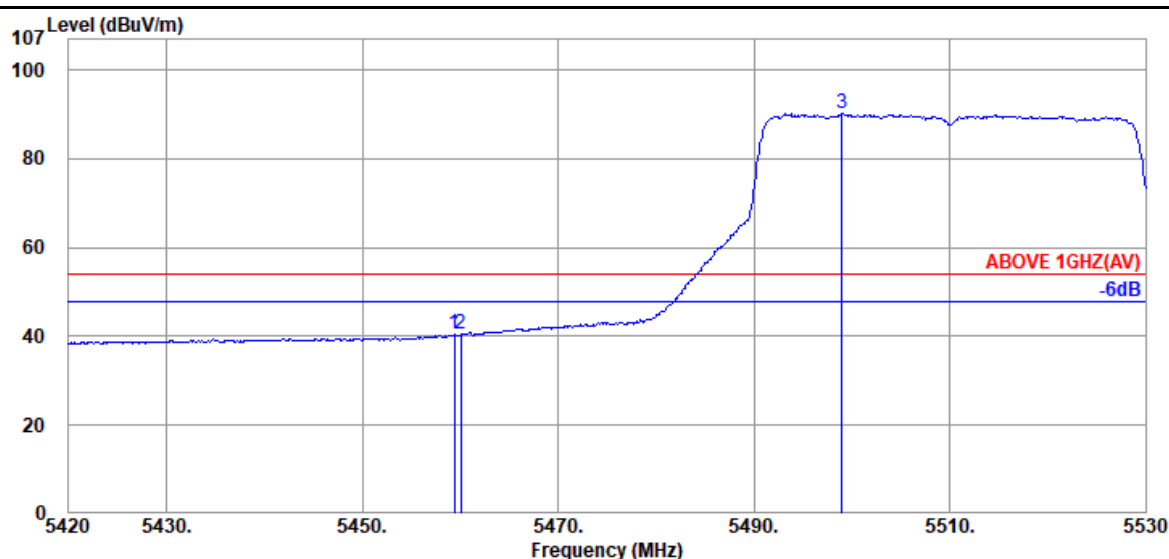
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5510MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.28	34.70	10.84	7.77	53.31	74.00	20.69	Peak
5460.04	34.70	10.84	5.29	50.83	74.00	23.17	Peak
@ 5497.44	34.60	10.88	56.14	101.62	---	---	Peak



Antenna at Vertical Polarization

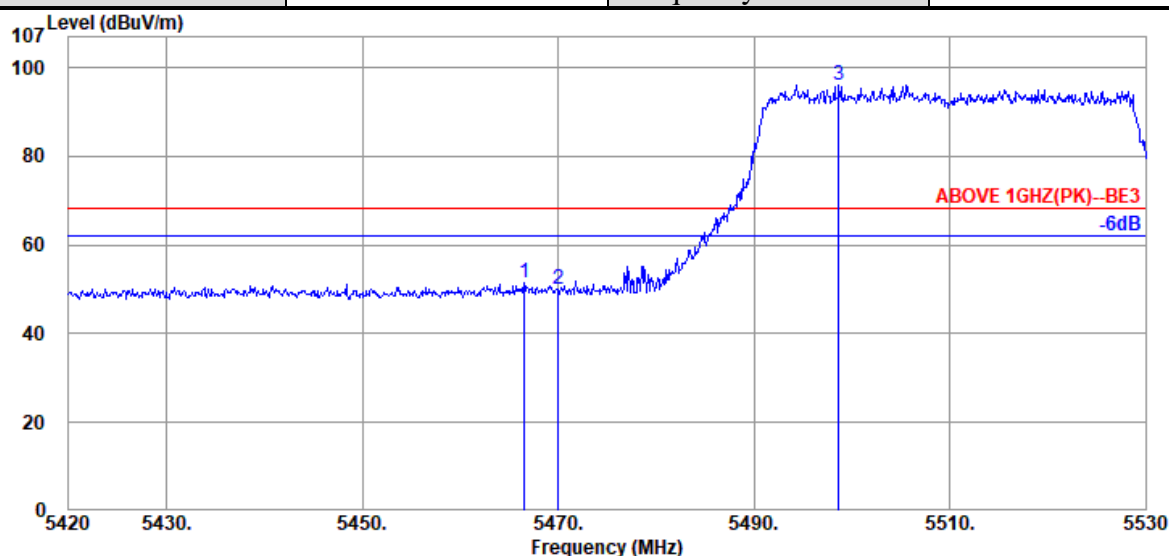
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.38	34.70	10.84	-5.18	40.36	54.00	13.64	Average
5460.04	34.70	10.84	-5.00	40.54	54.00	13.46	Average
@ 5498.98	34.60	10.88	44.64	90.12	---	---	Average

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

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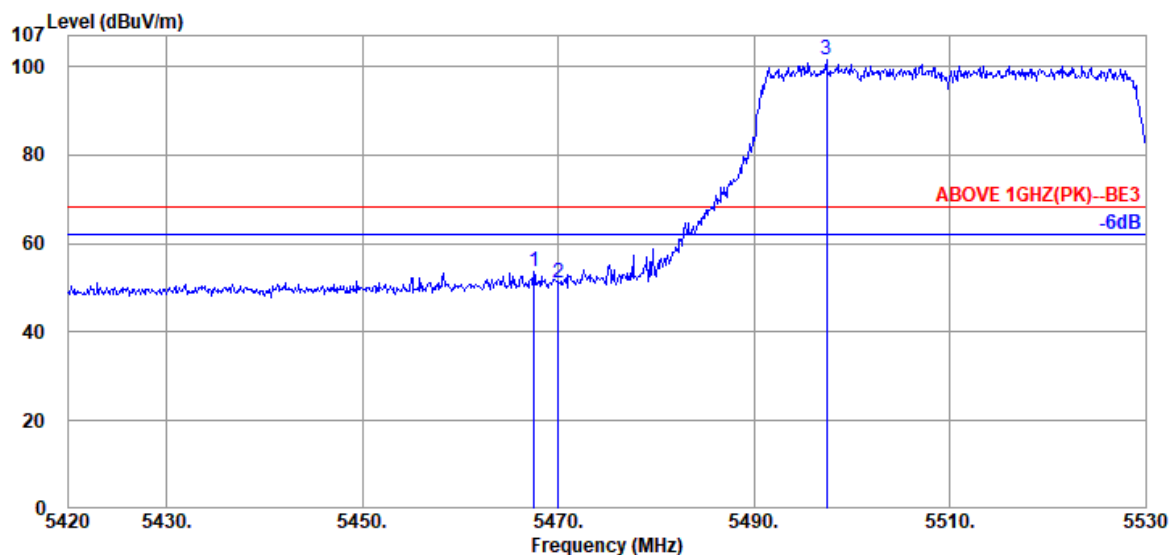
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5466.53	34.67	10.85	5.84	51.36	68.20	16.84	Peak
5470.05	34.67	10.85	4.38	49.90	68.20	18.30	Peak
@ 5498.65	34.60	10.88	50.62	96.10	---	---	Peak



Antenna at Vertical Polarization

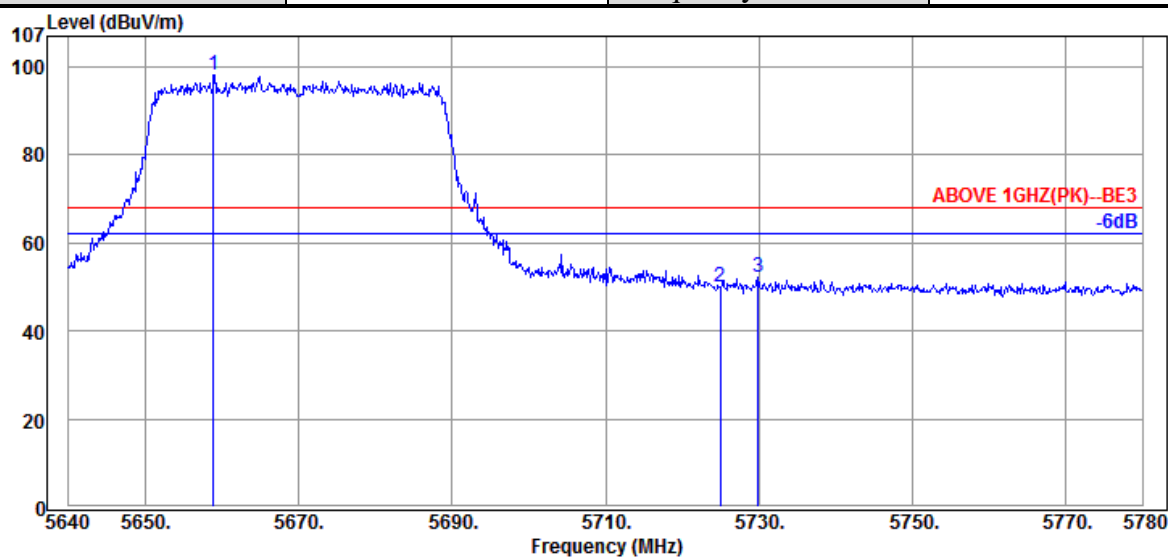
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5467.52	34.67	10.85	8.11	53.63	68.20	14.57	Peak
5470.05	34.67	10.85	5.75	51.27	68.20	16.93	Peak
@ 5497.44	34.60	10.88	56.14	101.62	---	---	Peak

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

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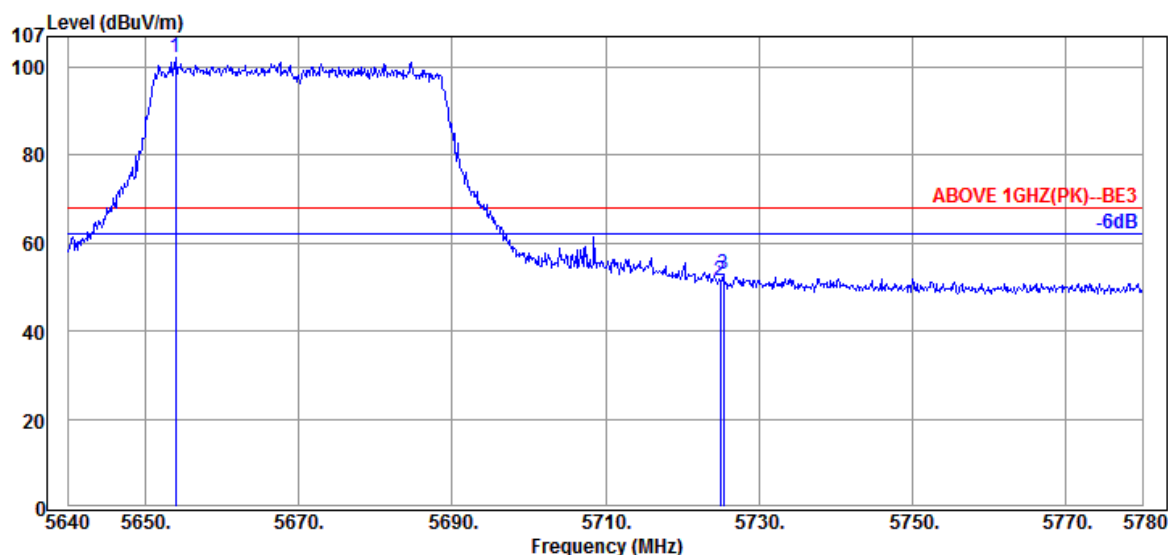
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Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5670MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5658.90	34.80	10.90	52.65	98.35	---	---	Peak
	5724.98	34.83	10.91	4.09	49.83	68.20	18.37	Peak
	5729.88	34.83	10.91	6.39	52.13	68.20	16.07	Peak



Antenna at Vertical Polarization

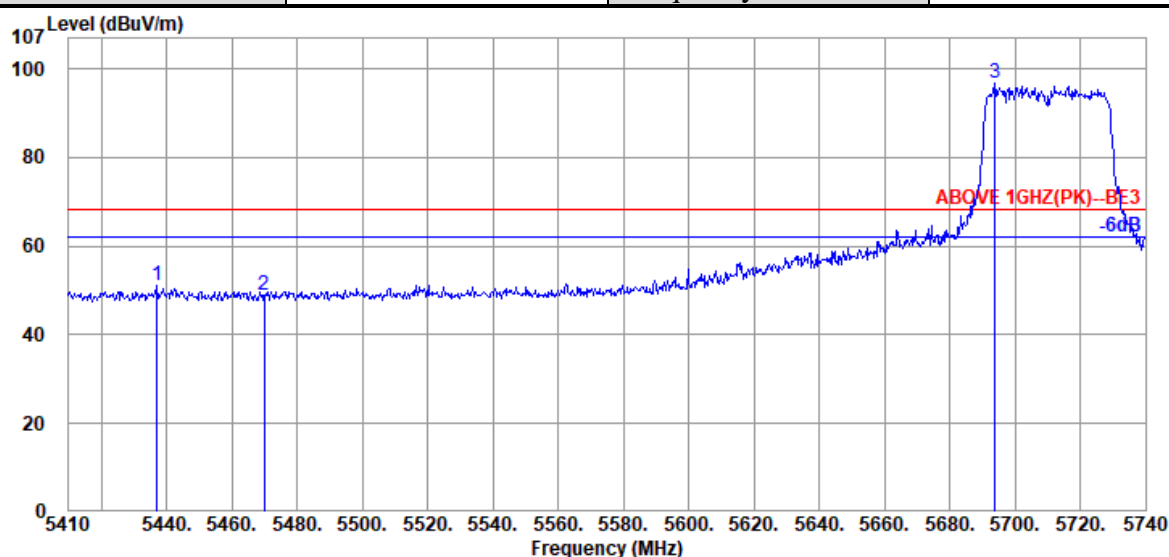
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@	5654.00	34.80	10.90	56.59	102.29	---	---	Peak
	5724.98	34.83	10.91	5.88	51.62	68.20	16.58	Peak
	5725.40	34.83	10.91	7.08	52.82	68.20	15.38	Peak

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

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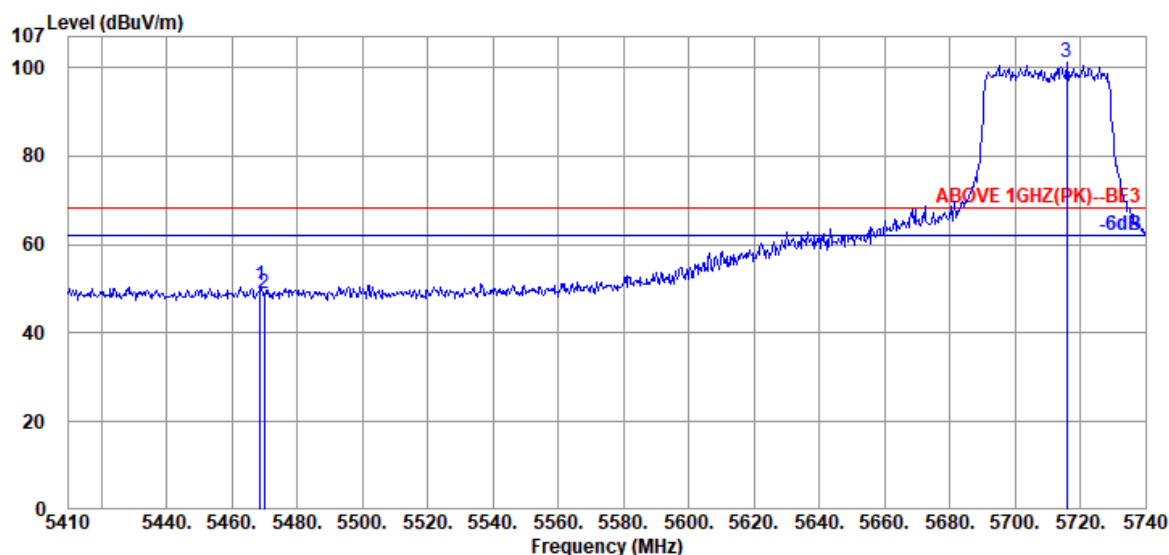
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Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5710MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5437.06	34.75	10.83	5.37	50.95	68.20	17.25	Peak
5470.06	34.66	10.86	3.43	48.95	68.20	19.25	Peak
@ 5693.80	34.89	10.90	50.86	96.65	---	---	Peak



Antenna at Vertical Polarization

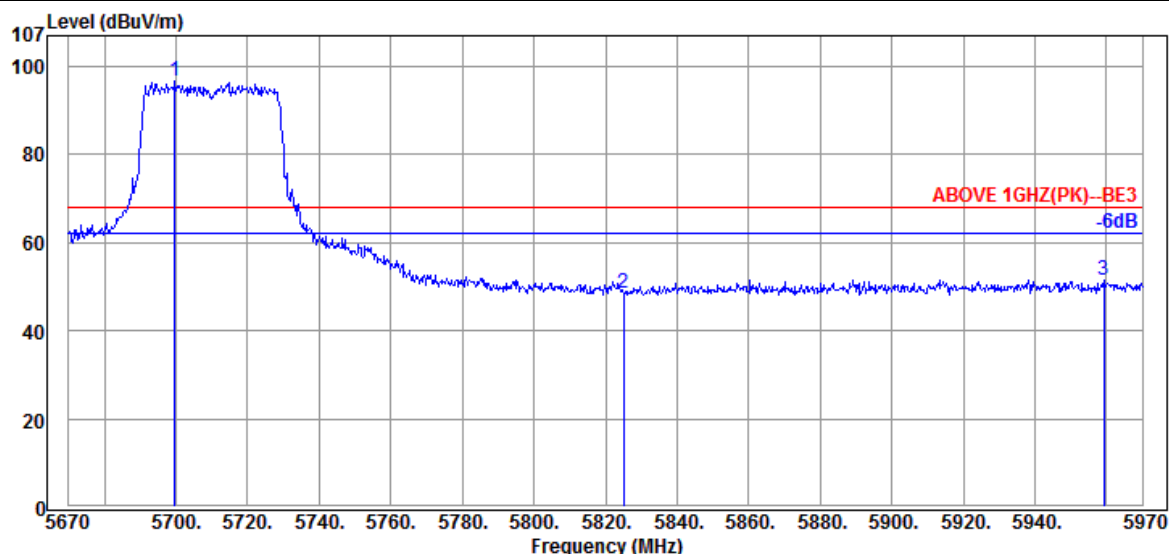
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.74	34.66	10.86	5.19	50.71	68.20	17.49	Peak
5470.06	34.66	10.86	3.32	48.84	68.20	19.36	Peak
@ 5715.91	34.87	10.91	55.22	101.00	---	---	Peak

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

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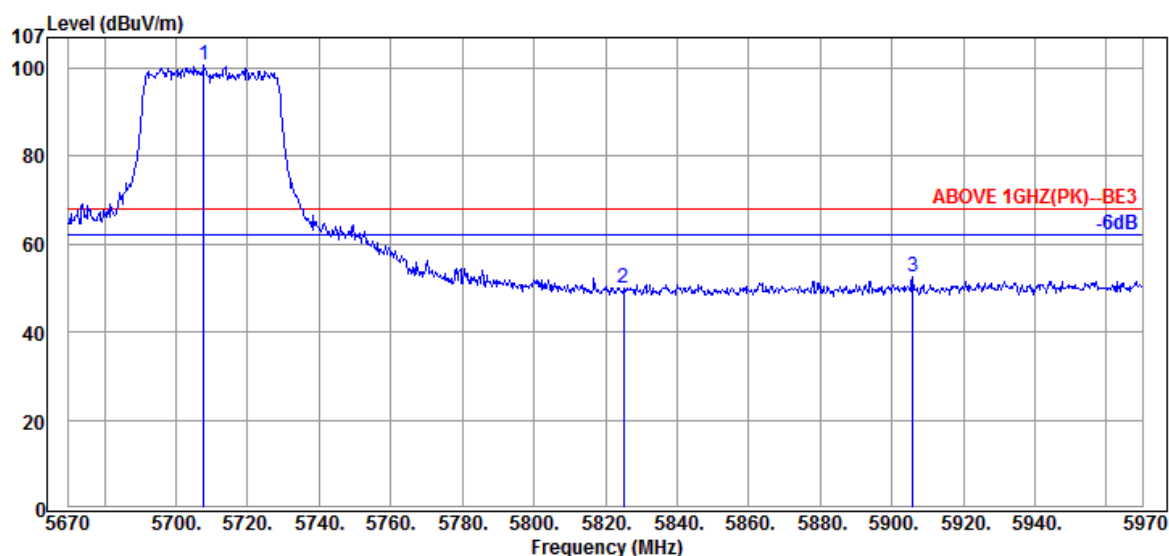
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Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5710MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5699.70	34.90	10.90	50.98	96.78	---	---	Peak
	5825.10	35.33	10.92	2.45	48.70	68.20	19.50	Peak
	5959.20	35.77	10.94	4.79	51.50	68.20	16.70	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5707.80	34.87	10.90	54.83	100.60	---	---	Peak
	5825.10	35.33	10.92	3.67	49.92	68.20	18.28	Peak
	5905.80	35.67	10.93	6.12	52.72	68.20	15.48	Peak

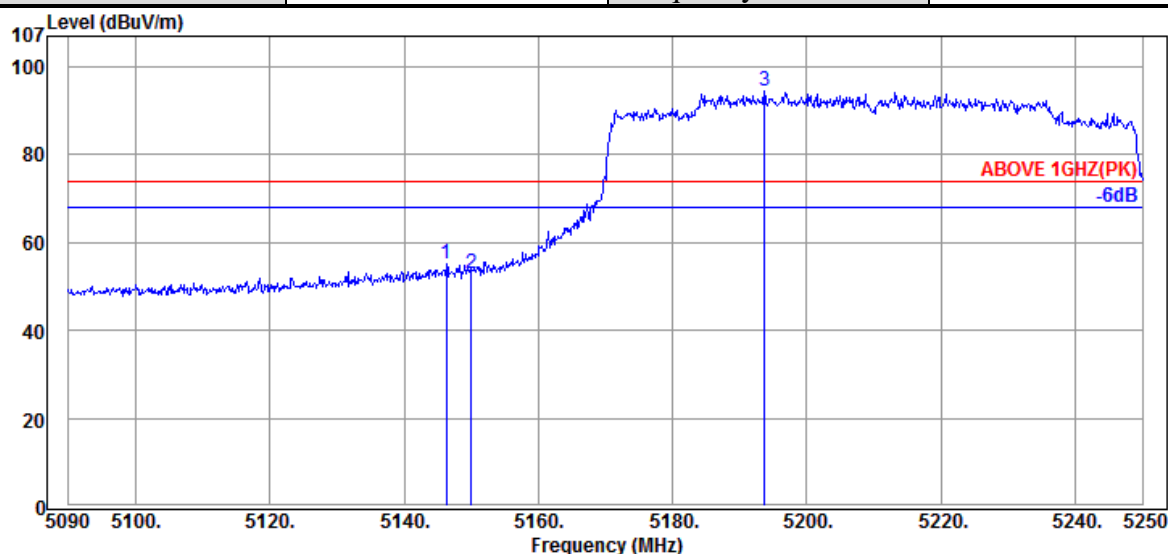
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Report Number: EM-F190341

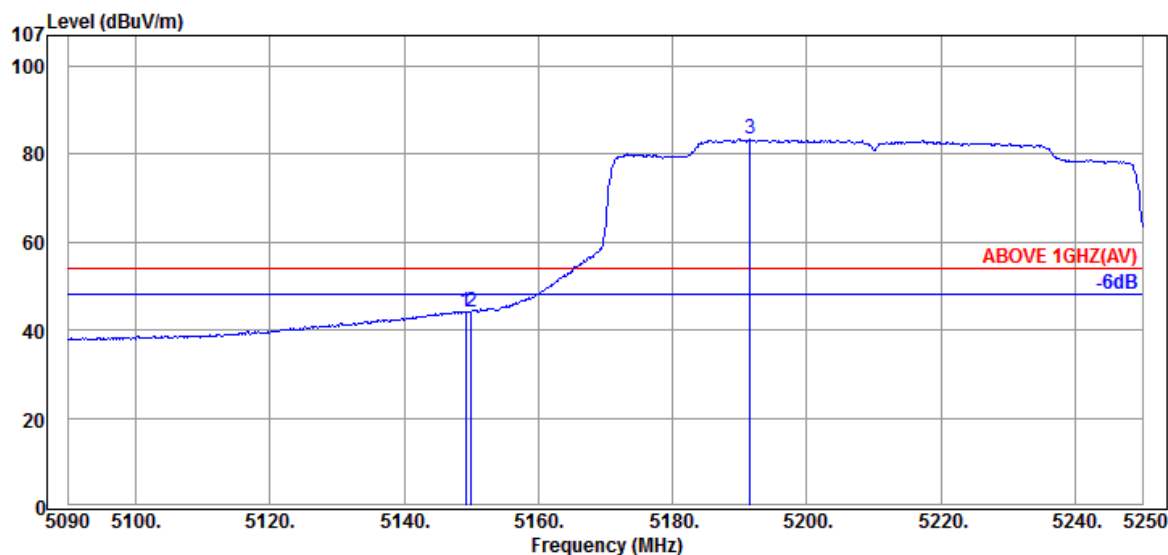
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Mode	802.11ax-HE80	UNII Band	I
		Frequency	TX 5210MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.32	34.70	10.61	9.84	55.15	74.00	18.85	Peak
5150.00	34.70	10.61	7.72	53.03	74.00	20.97	Peak
@ 5193.68	34.50	10.65	49.48	94.63	---	---	Peak

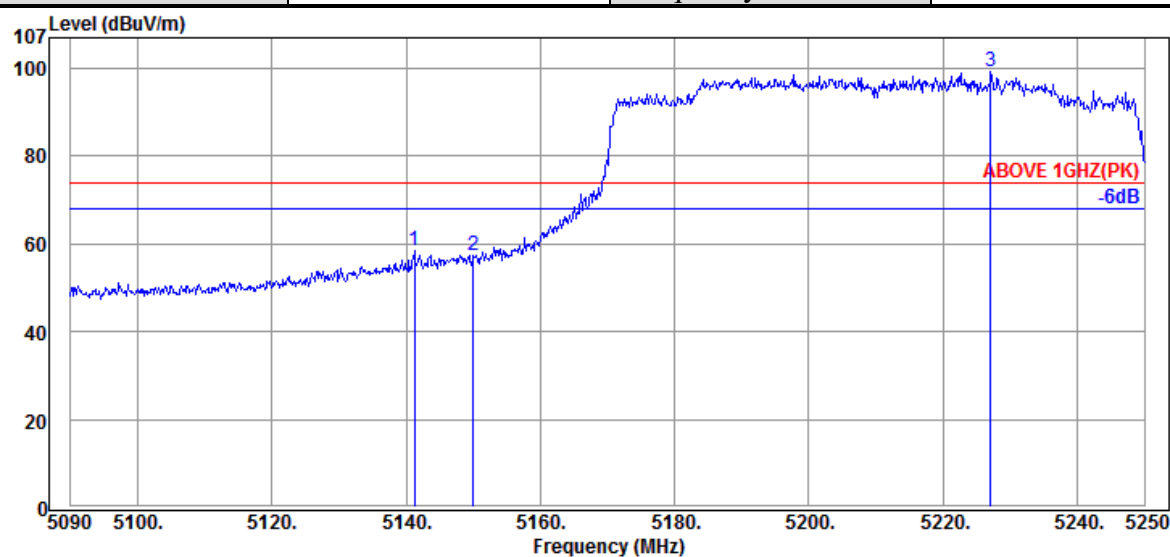


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.20	34.70	10.61	-1.02	44.29	54.00	9.71	Average
5150.00	34.70	10.61	-1.13	44.18	54.00	9.82	Average
@ 5191.60	34.50	10.65	38.26	83.41	---	---	Average

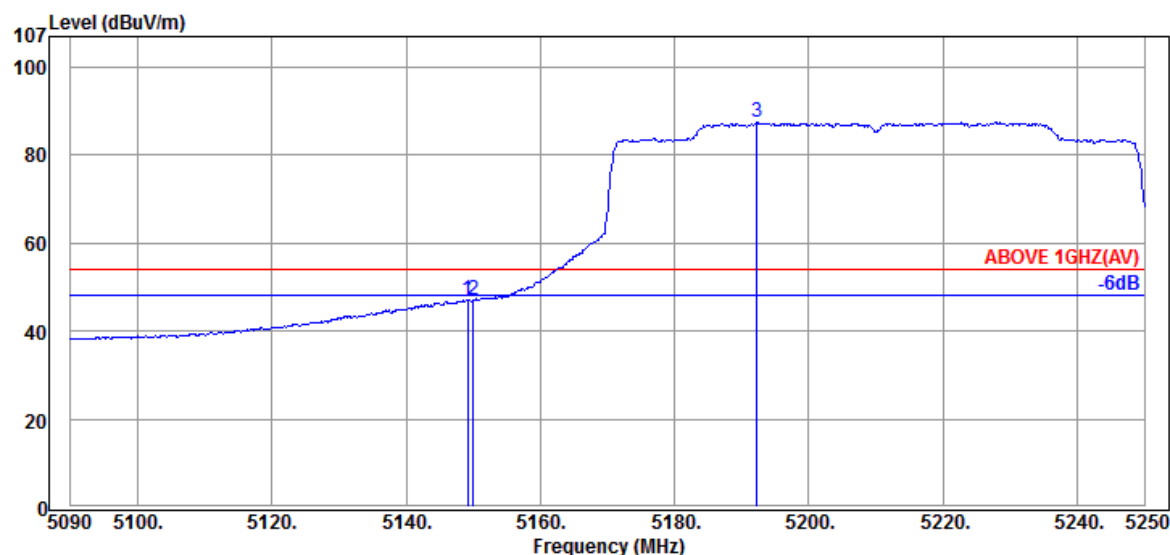
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	UNII Band	I
		Frequency	TX 5210MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5141.20	34.70	10.61	12.98	58.29	74.00	15.71	Peak
5150.00	34.70	10.61	12.03	57.34	74.00	16.66	Peak
@ 5227.12	34.50	10.67	54.09	99.26	---	---	Peak



Antenna at Vertical Polarization

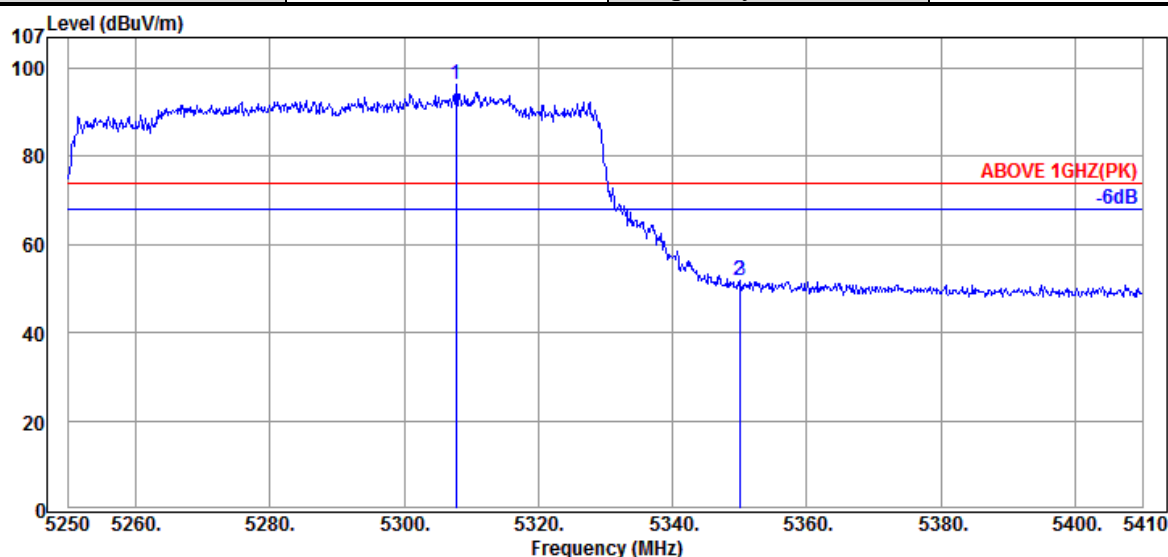
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.20	34.70	10.61	1.77	47.08	54.00	6.92	Average
5150.00	34.70	10.61	1.68	46.99	54.00	7.01	Average
@ 5192.24	34.50	10.65	42.36	87.51	---	---	Average

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

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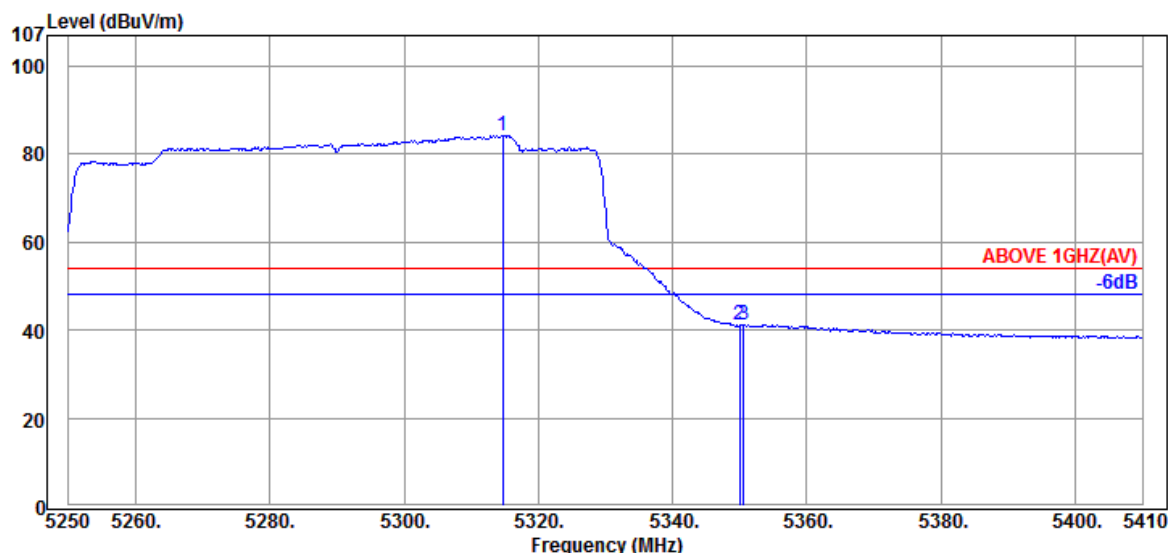
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Mode	802.11ax-HE80	UNII Band	II-2A
		Frequency	TX 5290MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5307.76	34.60	10.72	51.13	96.45	---	---	Peak
	5350.00	34.80	10.76	6.26	51.82	74.00	22.18	Peak
	5350.16	34.80	10.76	6.18	51.74	74.00	22.26	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5314.64	34.67	10.74	38.88	84.29	---	---	Average
	5350.00	34.80	10.76	-4.46	41.10	54.00	12.90	Average
	5350.64	34.80	10.76	-4.24	41.32	54.00	12.68	Average

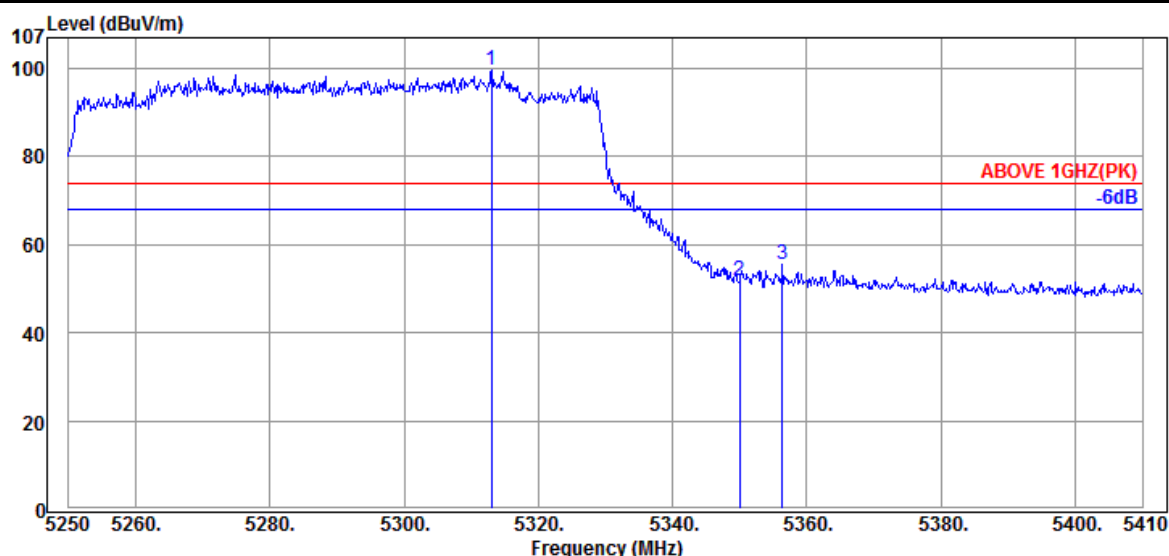
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File Number: CIM1909186

Report Number: EM-F190341

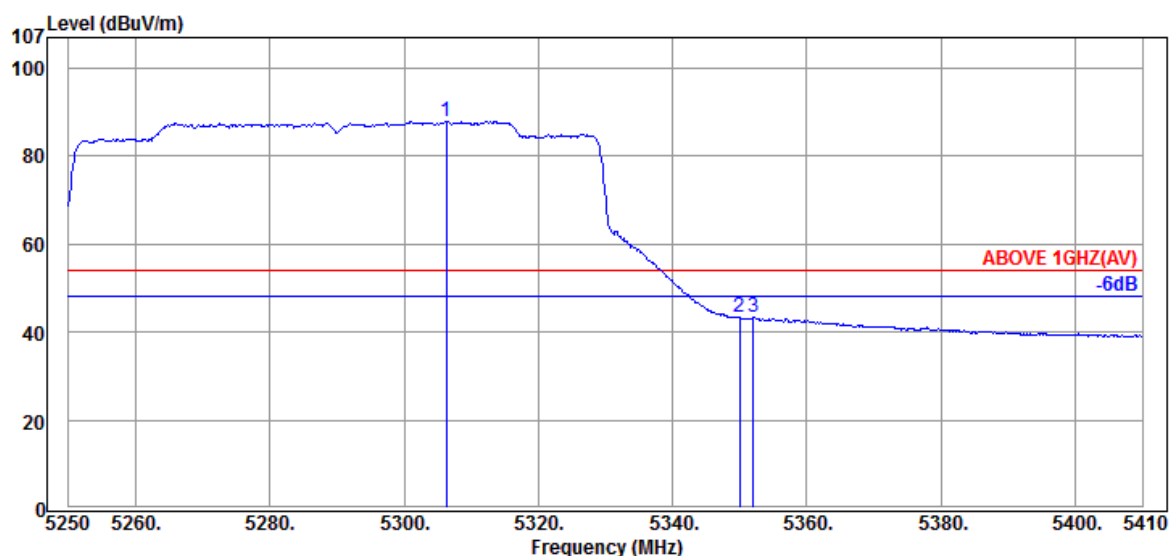
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Mode	802.11ax-HE80	UNII Band	II-2A
		Frequency	TX 5290MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5313.04	34.67	10.74	54.34	99.75	---	---	Peak
	5350.00	34.80	10.76	6.39	51.95	74.00	22.05	Peak
	5356.40	34.80	10.76	9.80	55.36	74.00	18.64	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5306.32	34.60	10.72	42.64	87.96	---	---	Average
	5350.00	34.80	10.76	-2.33	43.23	54.00	10.77	Average
	5352.08	34.80	10.76	-2.05	43.51	54.00	10.49	Average

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

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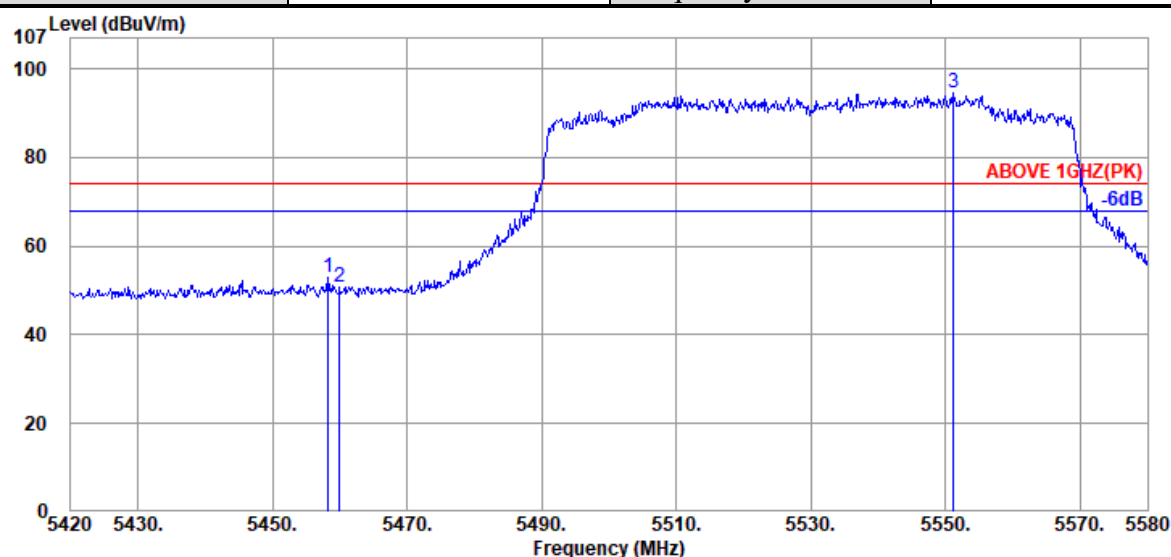
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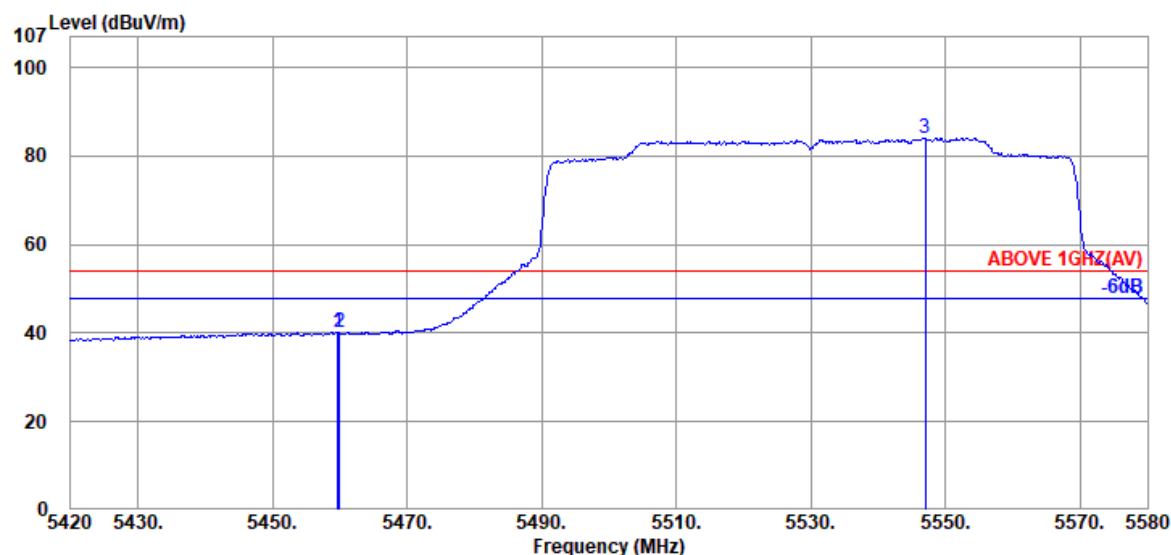
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Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.24	34.70	10.84	7.35	52.89	74.00	21.11	Peak
5460.00	34.70	10.84	5.32	50.86	74.00	23.14	Peak
@ 5551.20	34.70	10.89	49.11	94.70	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.68	34.70	10.84	-5.31	40.23	54.00	13.77	Average
5460.00	34.70	10.84	-5.54	40.00	54.00	14.00	Average
@ 5547.04	34.67	10.88	38.53	84.08	---	---	Average

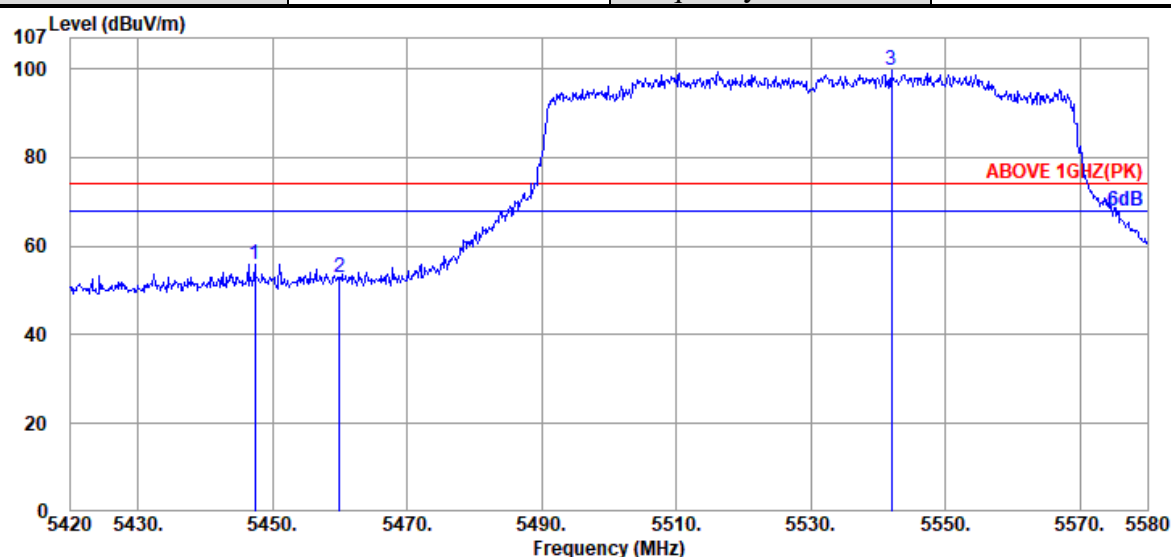
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Report Number: EM-F190341

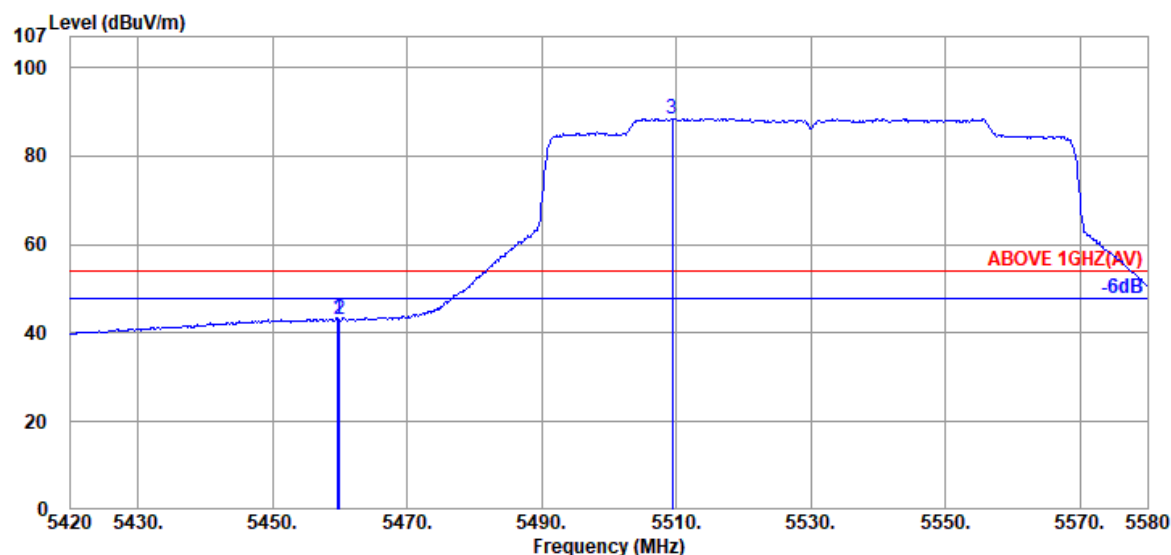
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Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5530MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5447.36	34.70	10.84	10.45	55.99	74.00	18.01	Peak
5460.00	34.70	10.84	7.24	52.78	74.00	21.22	Peak
@ 5541.92	34.67	10.88	54.09	99.64	---	---	Peak

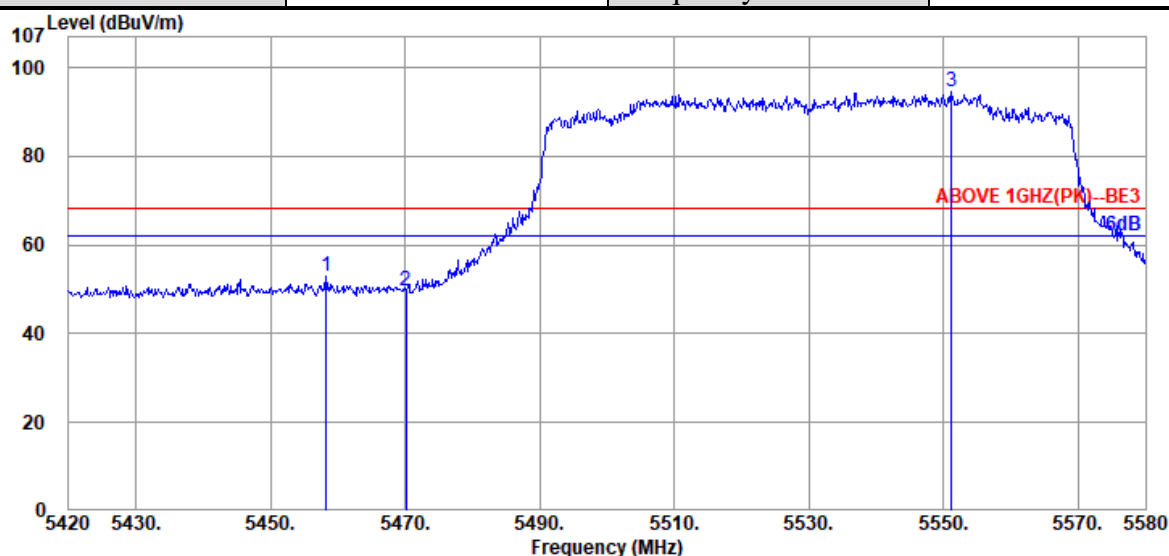


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.68	34.70	10.84	-2.09	43.45	54.00	10.55	Average
5460.00	34.70	10.84	-2.58	42.96	54.00	11.04	Average
@ 5509.44	34.60	10.88	42.96	88.44	---	---	Average

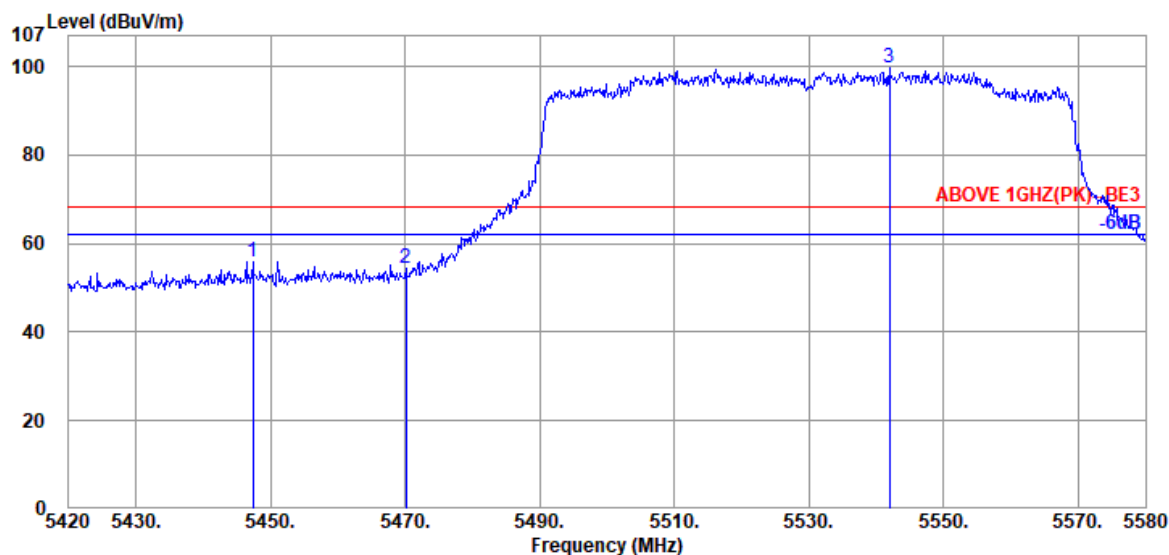
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.24	34.70	10.84	7.35	52.89	68.20	15.31	Peak
5470.08	34.67	10.85	4.13	49.65	68.20	18.55	Peak
@ 5551.20	34.70	10.89	49.11	94.70	---	---	Peak



Antenna at Vertical Polarization

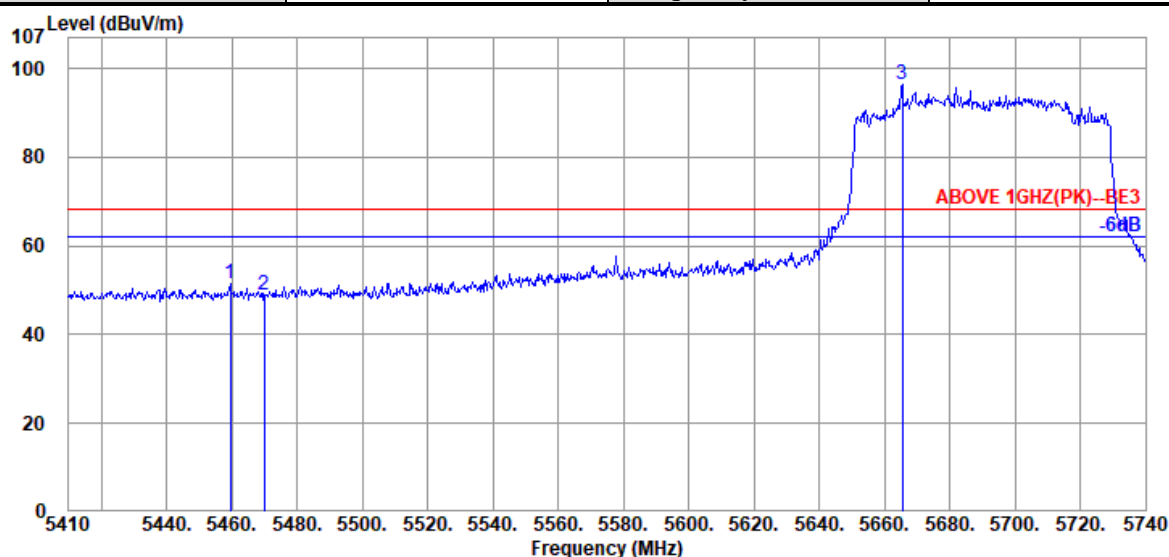
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5447.36	34.70	10.84	10.45	55.99	68.20	12.21	Peak
5470.08	34.67	10.85	8.91	54.43	68.20	13.77	Peak
@ 5541.92	34.67	10.88	54.09	99.64	---	---	Peak

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

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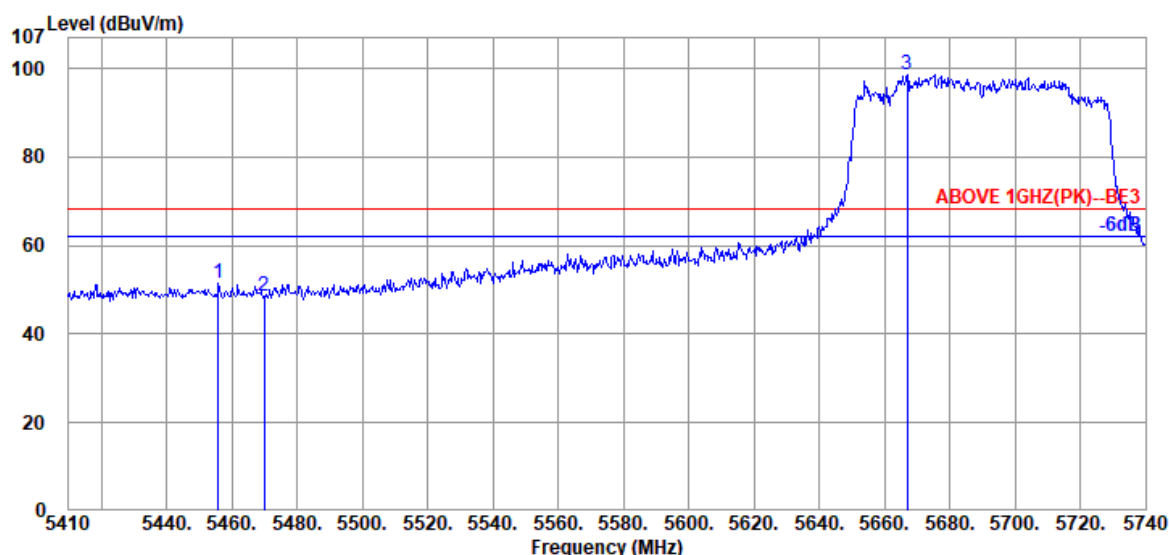
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Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5690MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.50	34.68	10.85	5.85	51.38	68.20	16.82	Peak
5470.06	34.66	10.86	3.37	48.89	68.20	19.31	Peak
@ 5665.42	34.83	10.90	50.62	96.35	---	---	Peak



Antenna at Vertical Polarization

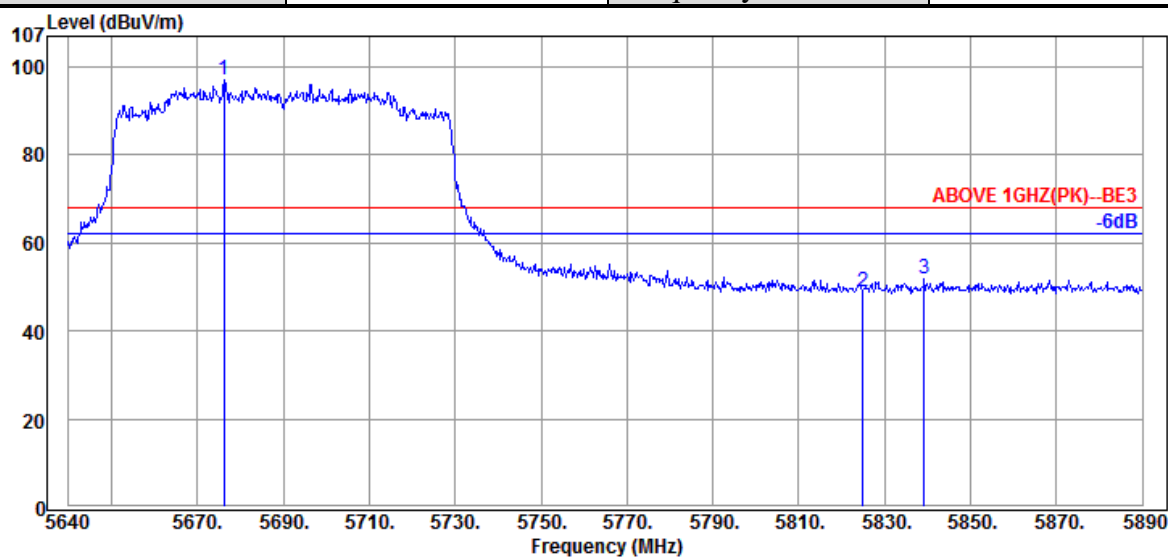
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.87	34.69	10.85	6.01	51.55	68.20	16.65	Peak
5470.06	34.66	10.86	2.90	48.42	68.20	19.78	Peak
@ 5667.07	34.83	10.90	52.99	98.72	---	---	Peak

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

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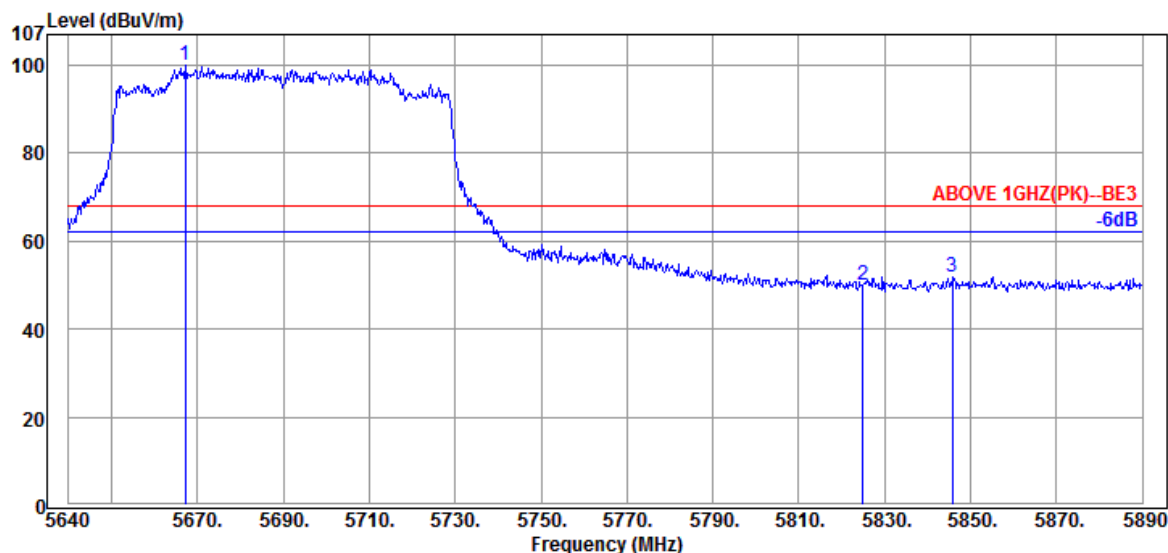
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Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5690MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5676.25	34.85	10.90	51.31	97.06	---	---	Peak
	5825.00	35.33	10.92	2.71	48.96	68.20	19.24	Peak
	5839.25	35.50	10.92	5.49	51.91	68.20	16.29	Peak



Antenna at Vertical Polarization

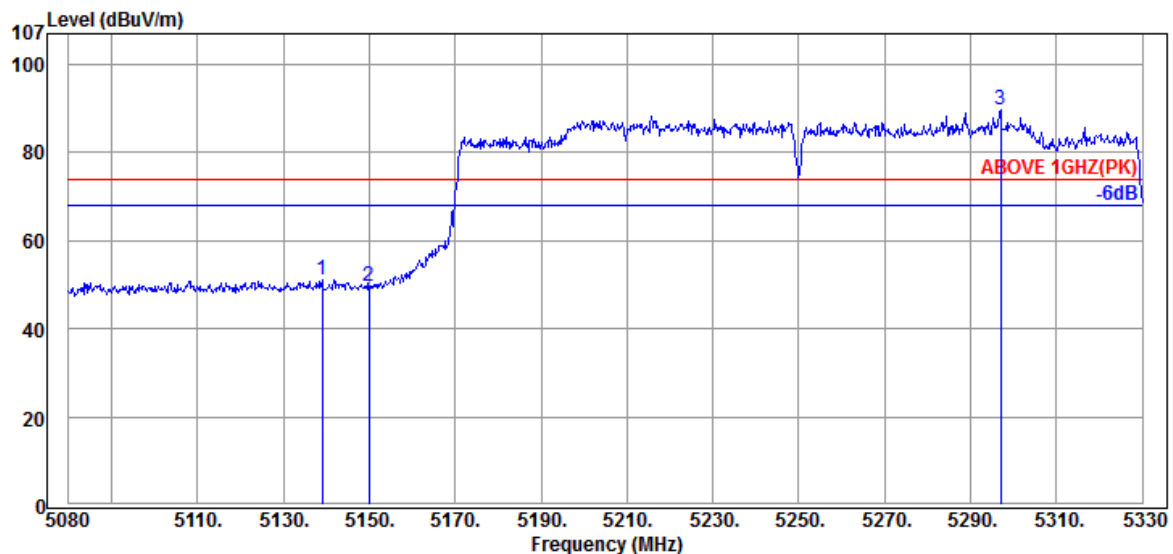
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@	5667.25	34.85	10.90	54.26	100.01	---	---	Peak
	5825.00	35.33	10.92	3.90	50.15	68.20	18.05	Peak
	5845.75	35.50	10.92	5.60	52.02	68.20	16.18	Peak

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

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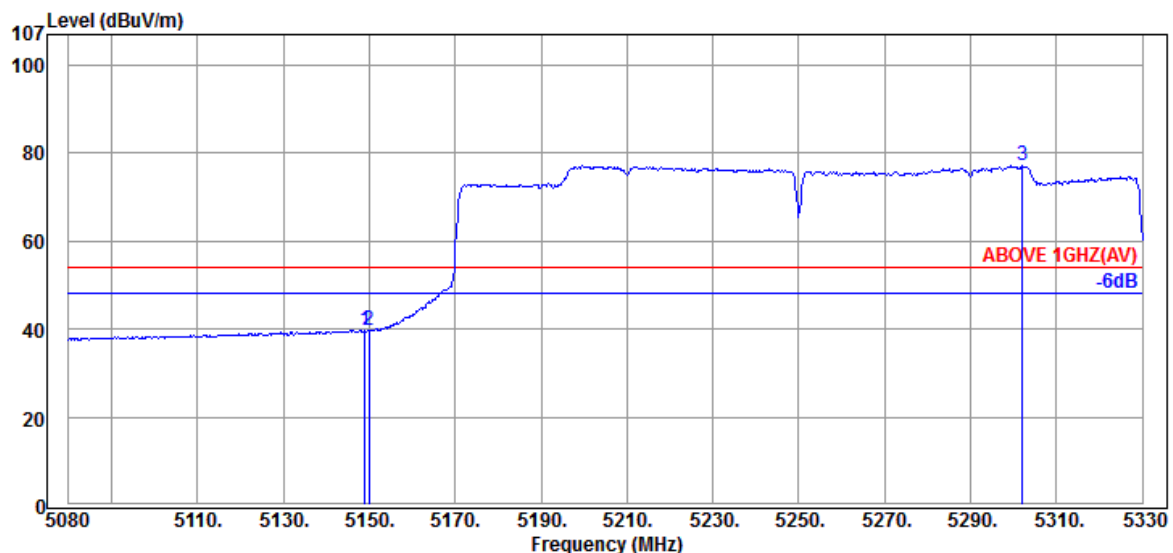
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Mode	802.11ax-HE160	UNII Band	I & II-2A
		Frequency	TX 5250MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5139.00	34.63	10.59	5.88	51.10	74.00	22.90	Peak
5150.00	34.70	10.61	4.30	49.61	74.00	24.39	Peak
@ 5297.00	34.60	10.72	44.24	89.56	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.00	34.70	10.61	-5.53	39.78	54.00	14.22	Average
5150.00	34.70	10.61	-5.71	39.60	54.00	14.40	Average
@ 5302.00	34.60	10.72	31.80	77.12	---	---	Average

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

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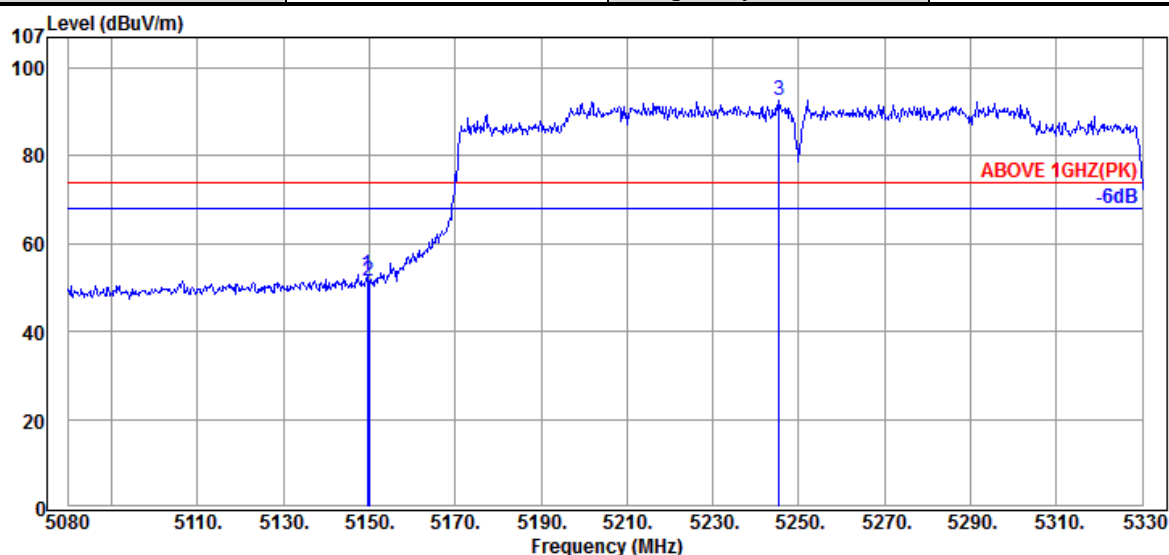
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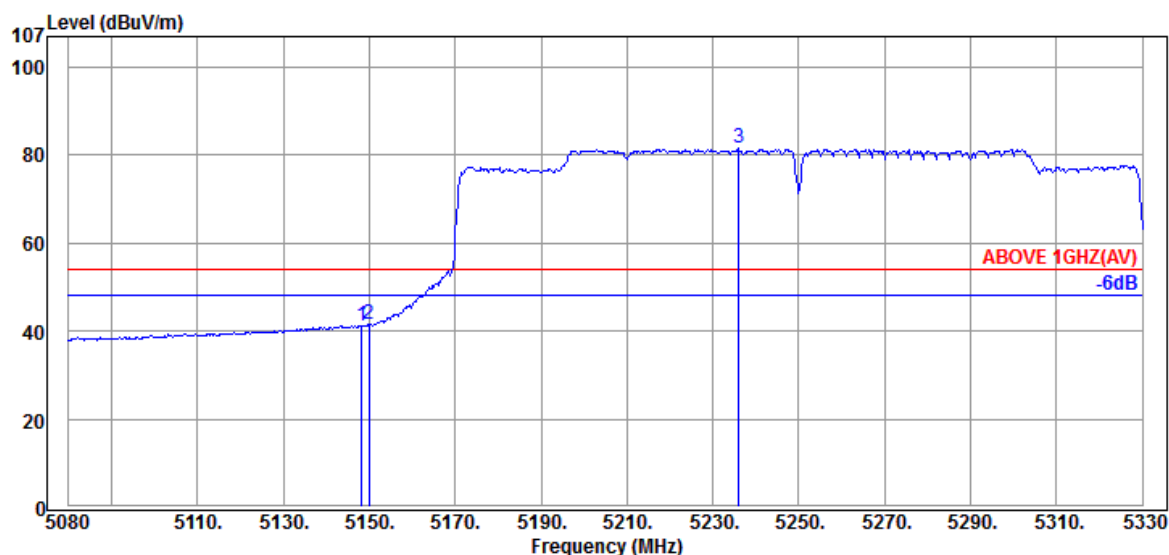
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Mode	802.11ax-HE160	UNII Band	I & II-2A
		Frequency	TX 5250MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.50	34.70	10.61	7.80	53.11	74.00	20.89	Peak
5150.00	34.70	10.61	6.09	51.40	74.00	22.60	Peak
@ 5245.50	34.50	10.68	47.57	92.75	---	---	Peak

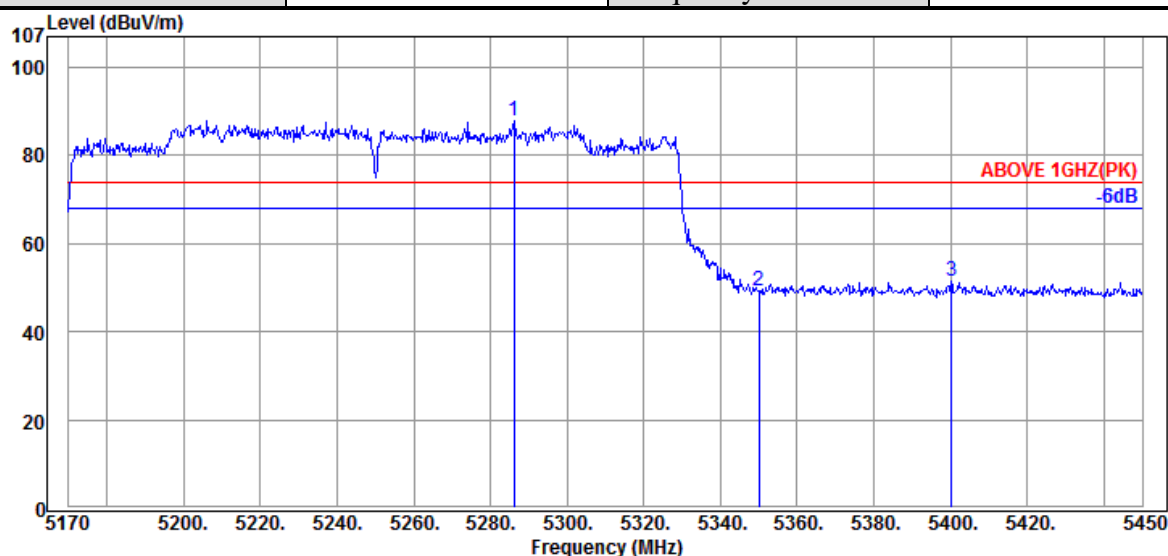


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.25	34.70	10.61	-3.96	41.35	54.00	12.65	Average
5150.00	34.70	10.61	-3.88	41.43	54.00	12.57	Average
@ 5236.00	34.50	10.67	36.29	81.46	---	---	Average

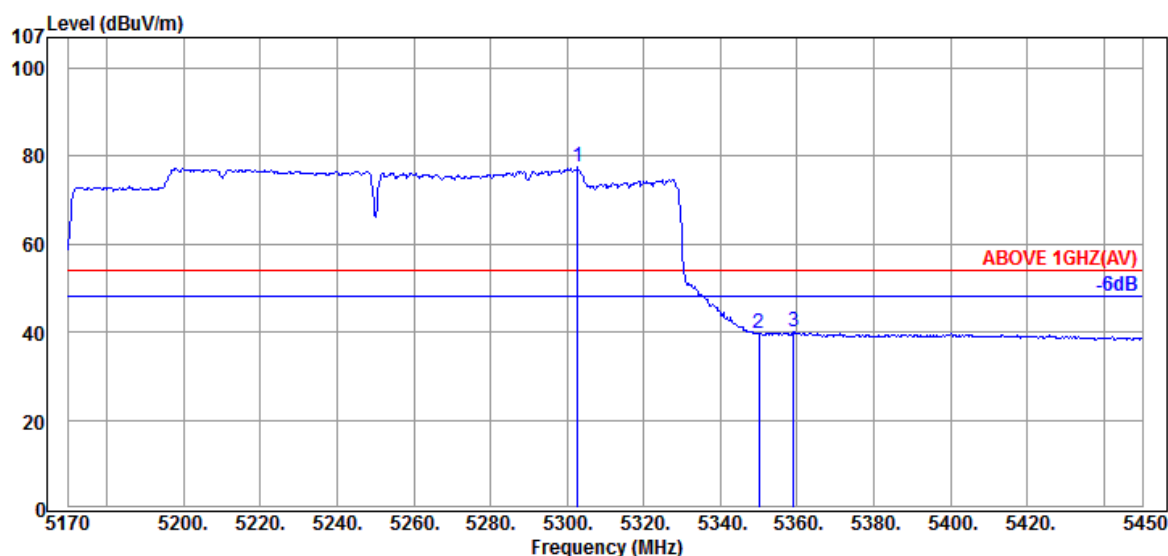
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE160	UNII Band	I & II-2A
		Frequency	TX 5250MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5286.20	34.57	10.71	42.63	87.91	---	---	Peak
	5350.04	34.80	10.76	3.57	49.13	74.00	24.87	Peak
	5400.16	34.90	10.80	5.75	51.45	74.00	22.55	Peak



Antenna at Horizontal Polarization

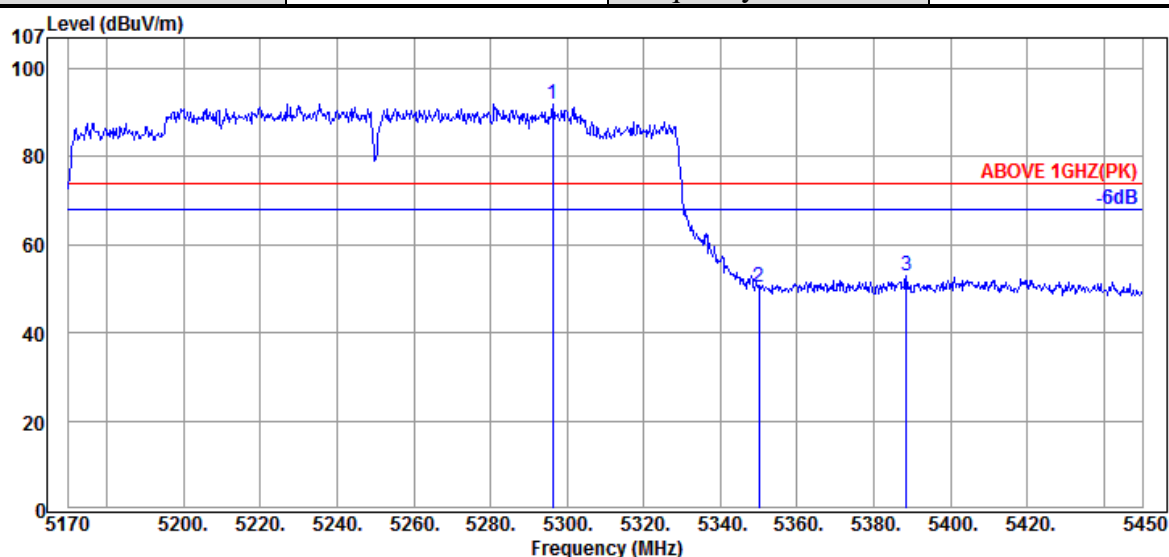
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@	5302.72	34.60	10.72	32.09	77.41	---	---	Average
	5350.04	34.80	10.76	-5.92	39.64	54.00	14.36	Average
	5359.00	34.80	10.76	-5.49	40.07	54.00	13.93	Average

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

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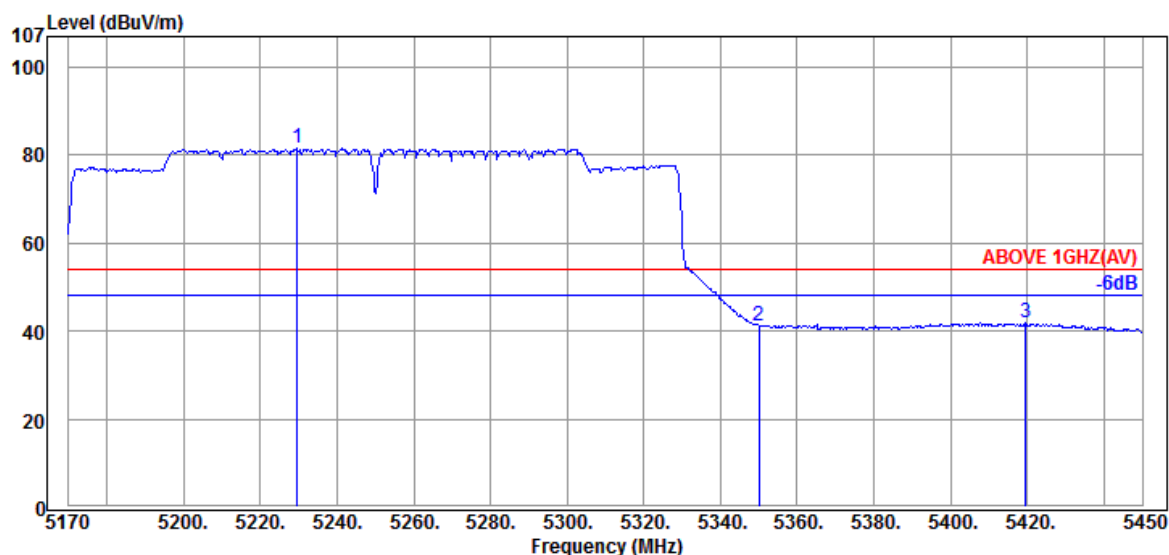
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Mode	802.11ax-HE160	UNII Band	I & II-2A
		Frequency	TX 5250MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5296.28	34.60	10.72	46.69	92.01	---	---	Peak
	5350.04	34.80	10.76	4.87	50.43	74.00	23.57	Peak
	5388.40	34.87	10.79	7.23	52.89	74.00	21.11	Peak

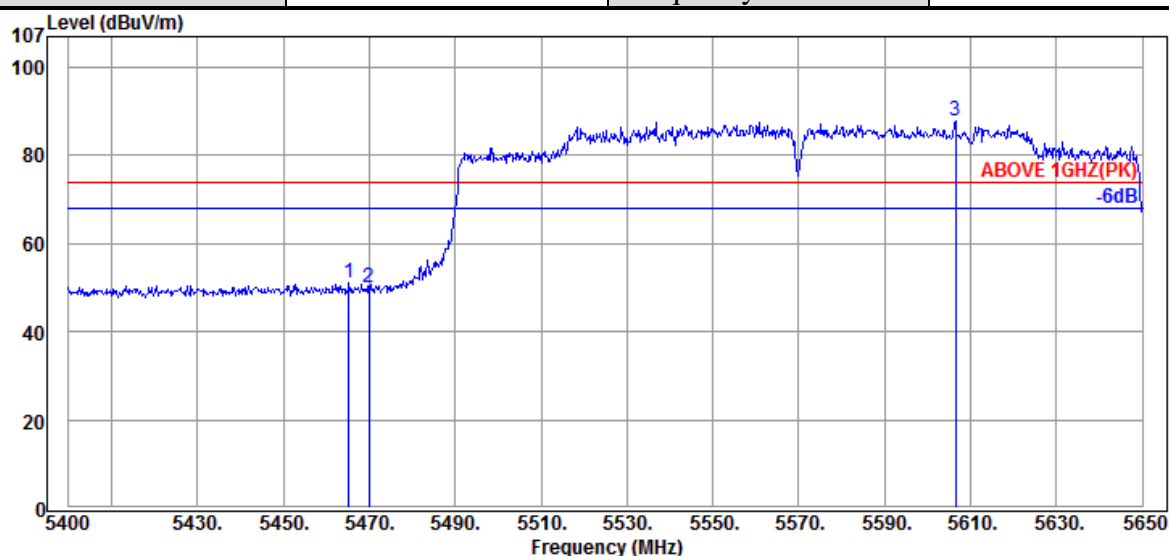


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5229.64	34.50	10.67	36.33	81.50	---	---	Average
	5350.04	34.80	10.76	-4.27	41.29	54.00	12.71	Average
	5419.48	34.83	10.82	-3.80	41.85	54.00	12.15	Average

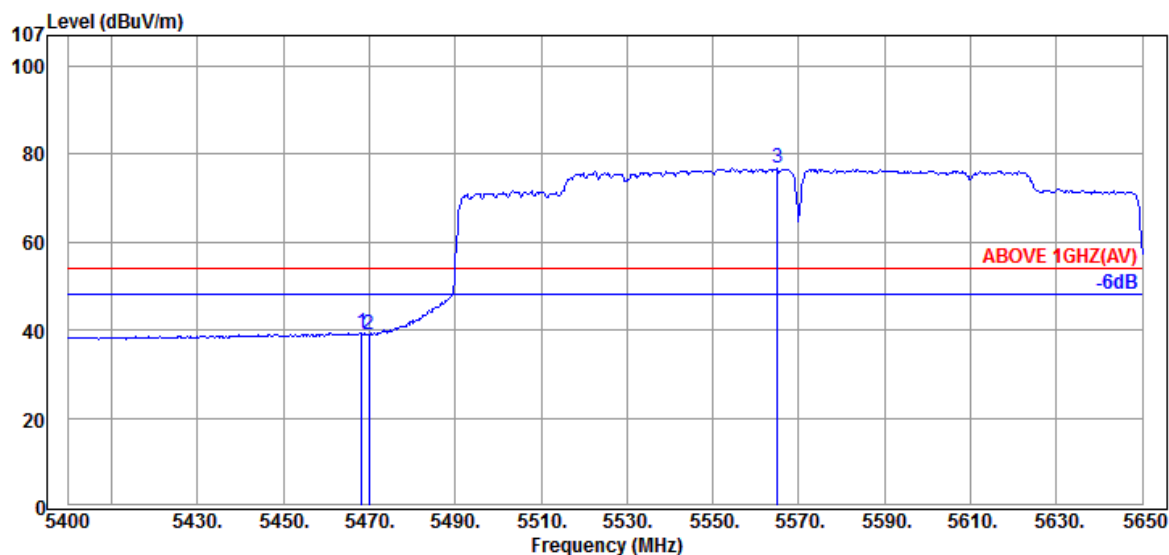
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5465.25	34.67	10.85	5.55	51.07	74.00	22.93	Peak
5470.00	34.67	10.85	4.53	50.05	74.00	23.95	Peak
@ 5606.50	34.90	10.89	41.93	87.72	---	---	Peak



Antenna at Horizontal Polarization

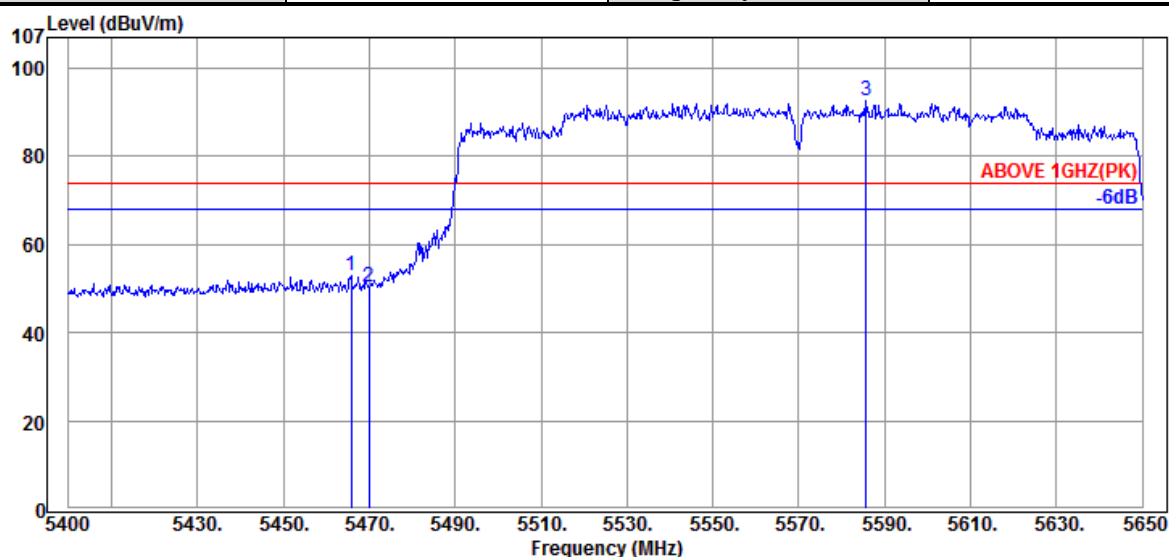
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.25	34.67	10.85	-6.14	39.38	54.00	14.62	Average
5470.00	34.67	10.85	-6.37	39.15	54.00	14.85	Average
@ 5565.00	34.77	10.89	31.17	76.83	---	---	Average

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

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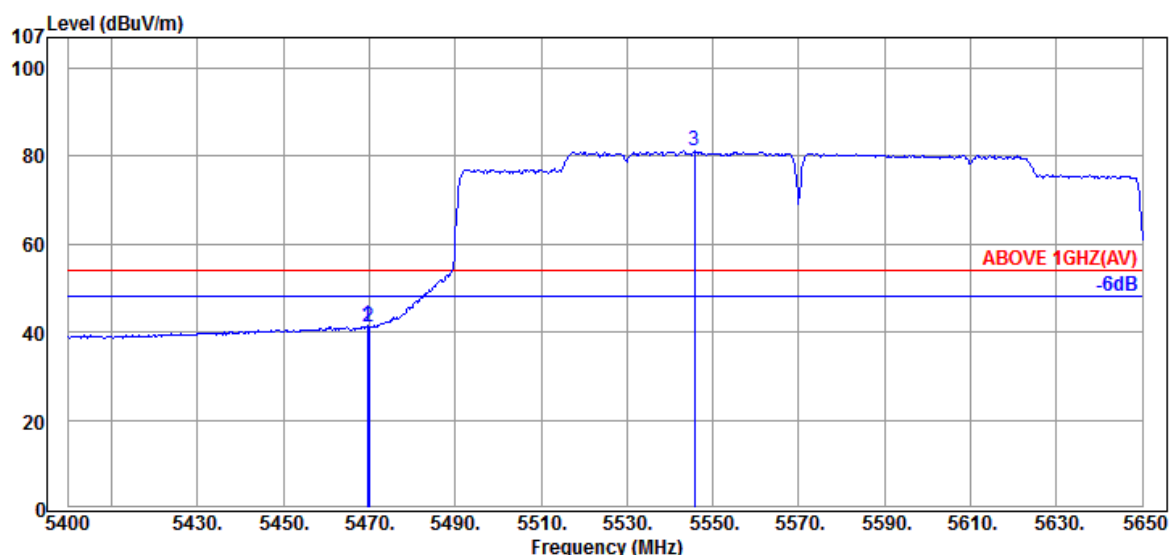
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Mode	802.11ax-HE160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5465.75	34.67	10.85	7.49	53.01	74.00	20.99	Peak
5470.00	34.67	10.85	4.75	50.27	74.00	23.73	Peak
@ 5585.75	34.83	10.89	46.77	92.49	---	---	Peak



Antenna at Vertical Polarization

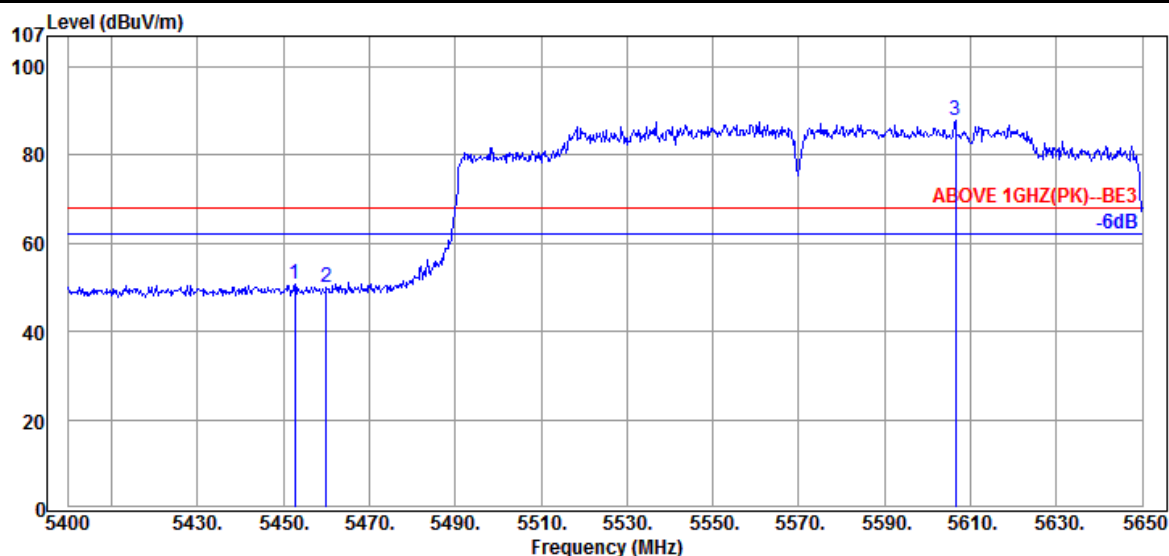
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.50	34.67	10.85	-3.98	41.54	54.00	12.46	Average
5470.00	34.67	10.85	-4.34	41.18	54.00	12.82	Average
@ 5545.75	34.67	10.88	35.58	81.13	---	---	Average

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

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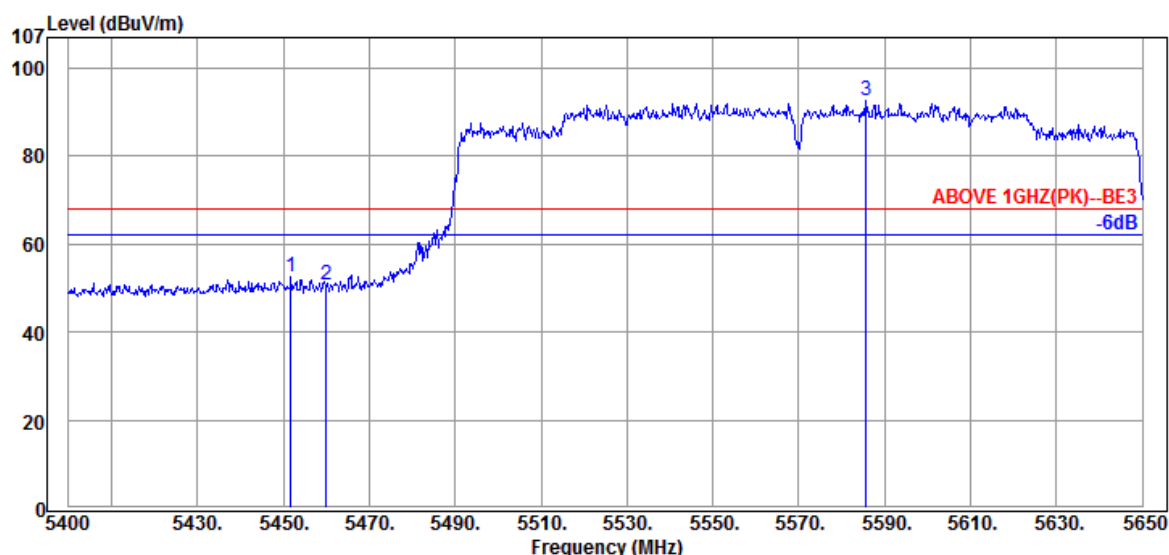
Tel: +886 2 26099301
Fax: +886 2 26099303

Mode	802.11ax-HE160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5452.75	34.70	10.84	5.10	50.64	68.20	17.56	Peak
5460.00	34.70	10.84	4.44	49.98	68.20	18.22	Peak
@ 5606.50	34.90	10.89	41.93	87.72	---	---	Peak



Antenna at Vertical Polarization

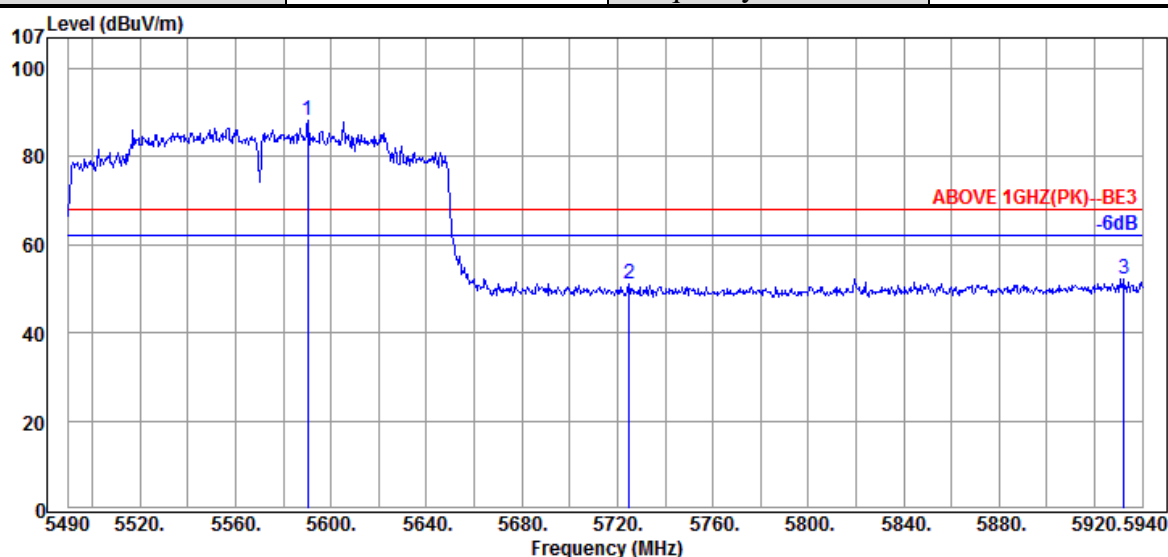
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5451.75	34.70	10.84	6.90	52.44	68.20	15.76	Peak
5460.00	34.70	10.84	5.12	50.66	68.20	17.54	Peak
@ 5585.75	34.83	10.89	46.77	92.49	---	---	Peak

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

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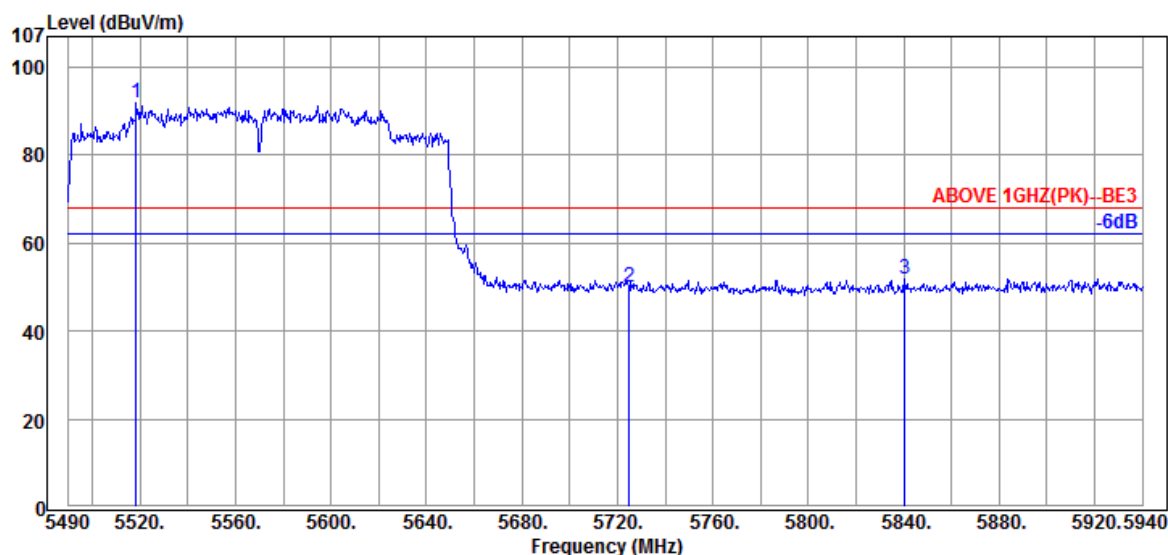
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Mode	802.11ax-HE160	UNII Band	II-2C
		Frequency	TX 5570MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5590.35	34.83	10.89	42.39	88.11	---	---	Peak
	5724.90	34.83	10.91	5.32	51.06	68.20	17.14	Peak
	5932.35	35.73	10.93	5.61	52.27	68.20	15.93	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5518.35	34.63	10.88	46.54	92.05	---	---	Peak
	5724.90	34.83	10.91	4.42	50.16	68.20	18.04	Peak
	5840.55	35.50	10.92	5.58	52.00	68.20	16.20	Peak

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

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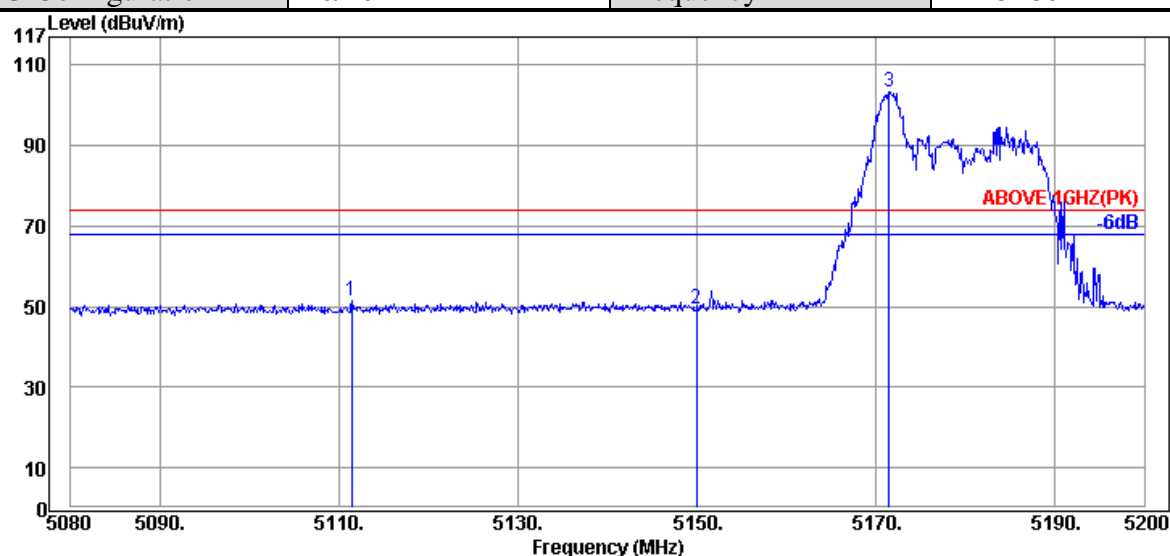
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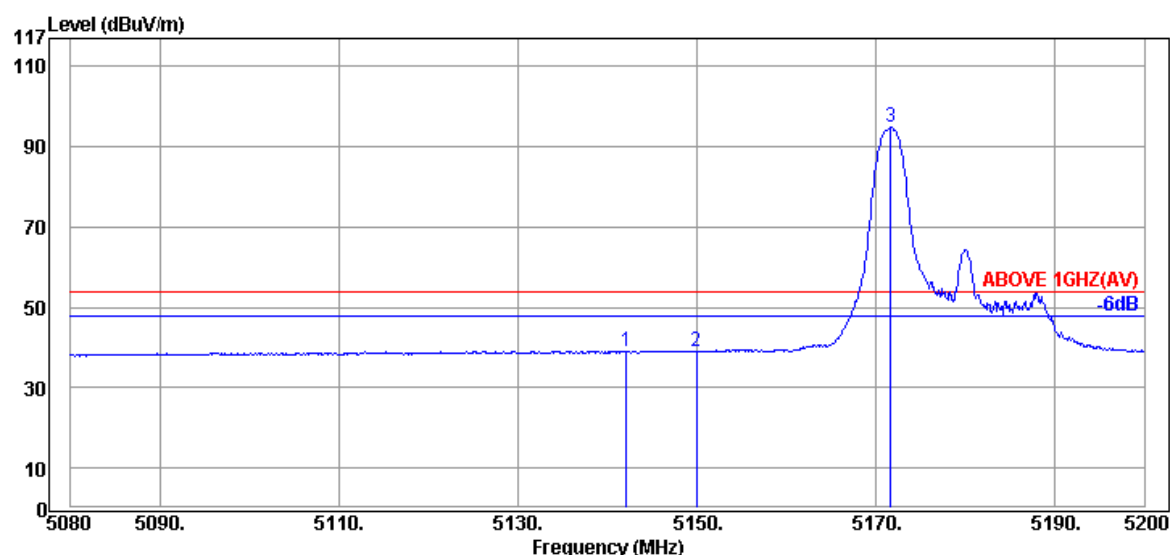
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Mode	802.11ax-HE20	UNII Band	I
RU Configuration	26/10	Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5111.44	34.57	10.58	6.18	51.33	74.00	22.67	Peak
5149.96	34.70	10.61	3.99	49.30	74.00	24.70	Peak
@ 5171.44	34.63	10.62	58.19	103.44	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5142.16	34.70	10.61	-6.16	39.15	54.00	14.85	Average
5149.96	34.70	10.61	-6.32	38.99	54.00	15.01	Average
@ 5171.68	34.63	10.62	49.48	94.73	---	---	Average

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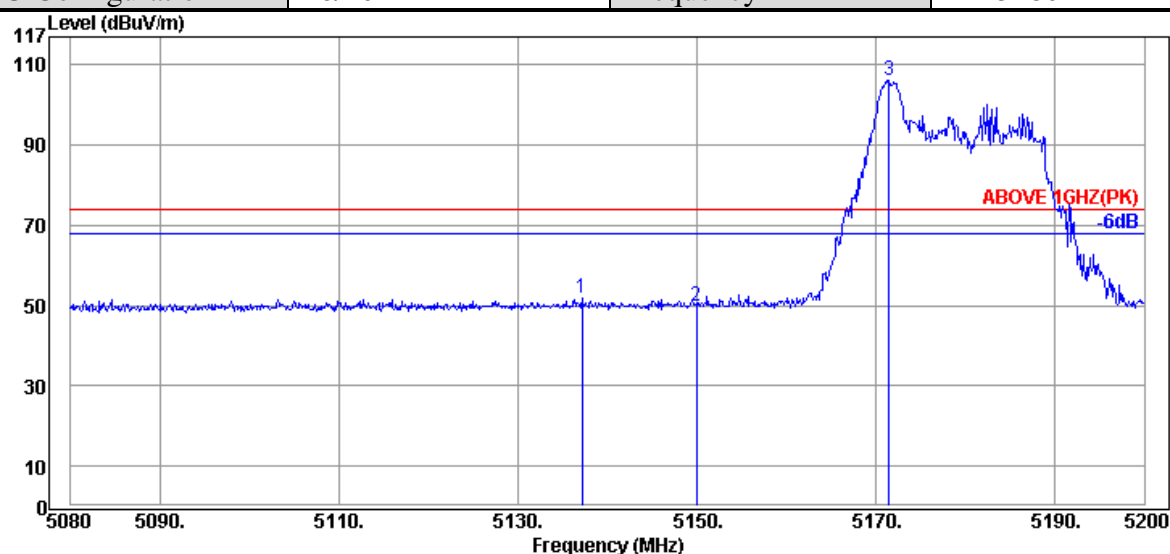
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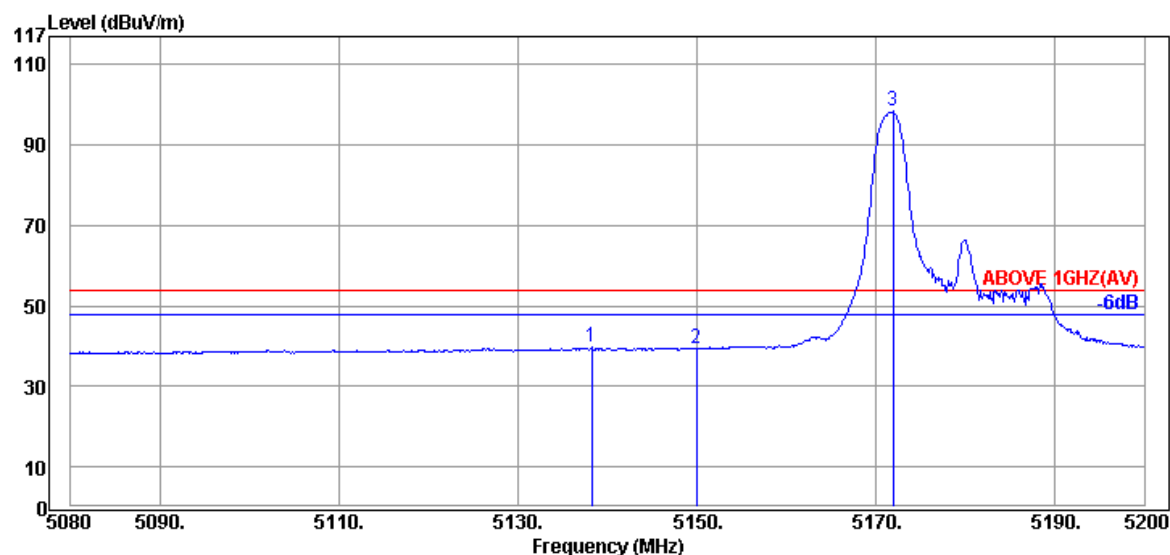
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Mode	802.11ax-HE20	UNII Band	I
RU Configuration	26/10	Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5137.12	34.63	10.59	6.71	51.93	74.00	22.07	Peak
5149.96	34.70	10.61	4.51	49.82	74.00	24.18	Peak
@ 5171.44	34.63	10.62	60.79	106.04	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5138.20	34.63	10.59	-5.61	39.61	54.00	14.39	Average
5149.96	34.70	10.61	-6.04	39.27	54.00	14.73	Average
@ 5171.92	34.63	10.62	53.11	98.36	---	---	Average

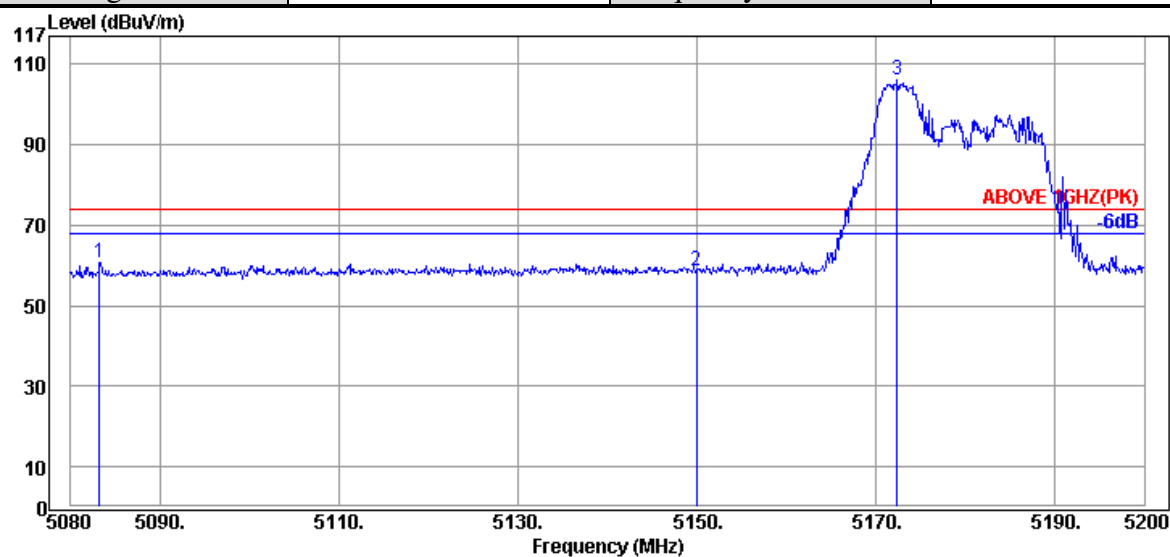
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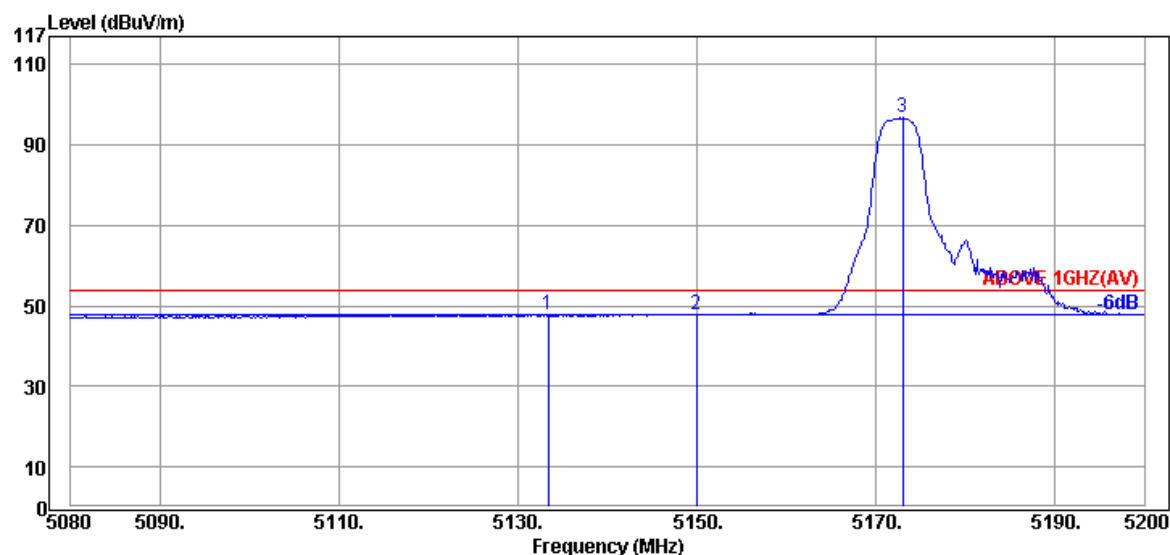
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Mode	802.11ax-HE20	UNII Band	I
RU Configuration	52/37	Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5083.24	34.37	10.56	15.71	60.64	74.00	13.36	Peak
5149.96	34.70	10.61	13.36	58.67	74.00	15.33	Peak
@ 5172.40	34.63	10.62	60.76	106.01	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5133.40	34.63	10.59	2.70	47.92	54.00	6.08	Average
5149.96	34.70	10.61	2.57	47.88	54.00	6.12	Average
@ 5173.00	34.63	10.62	51.59	96.84	---	---	Average

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

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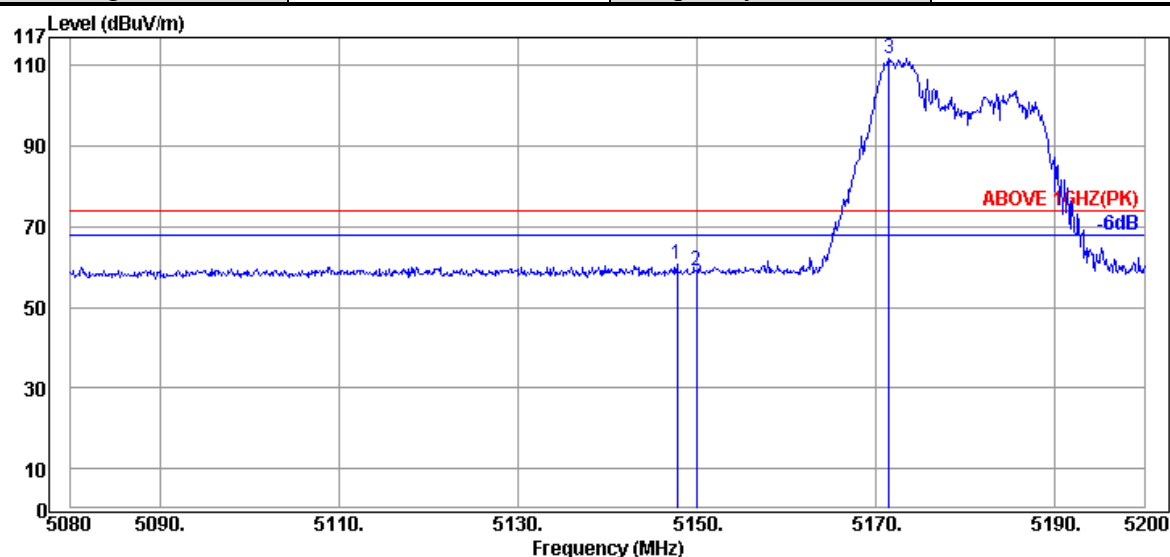
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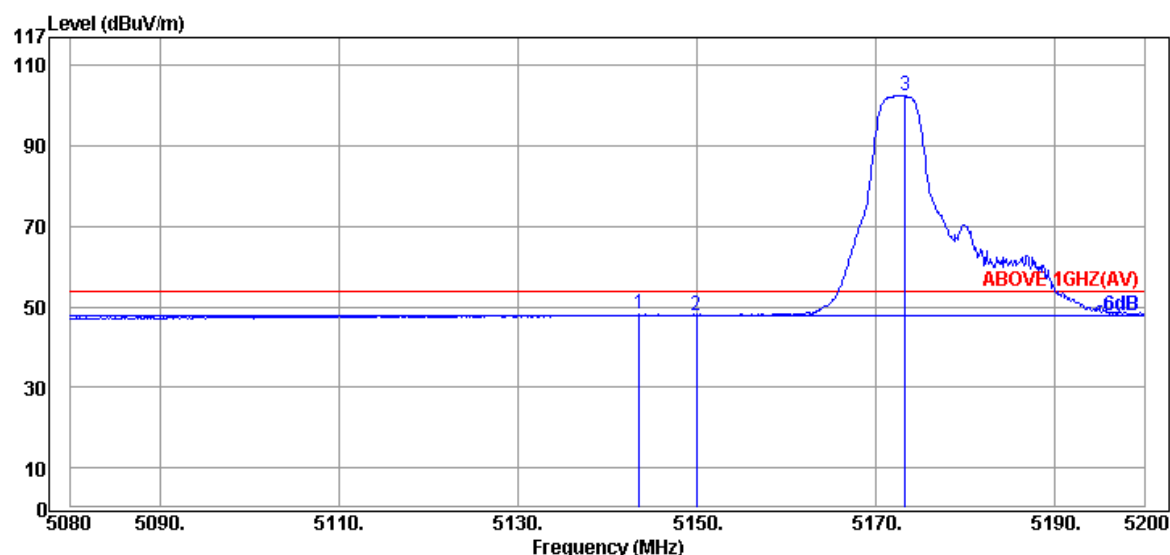
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Mode	802.11ax-HE20	UNII Band	I
RU Configuration	52/37	Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.80	34.70	10.61	15.53	60.84	74.00	13.16	Peak
5149.96	34.70	10.61	13.67	58.98	74.00	15.02	Peak
@ 5171.44	34.63	10.62	66.54	111.79	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5143.60	34.70	10.61	2.87	48.18	54.00	5.82	Average
5149.96	34.70	10.61	2.63	47.94	54.00	6.06	Average
@ 5173.24	34.63	10.62	57.47	102.72	---	---	Average

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

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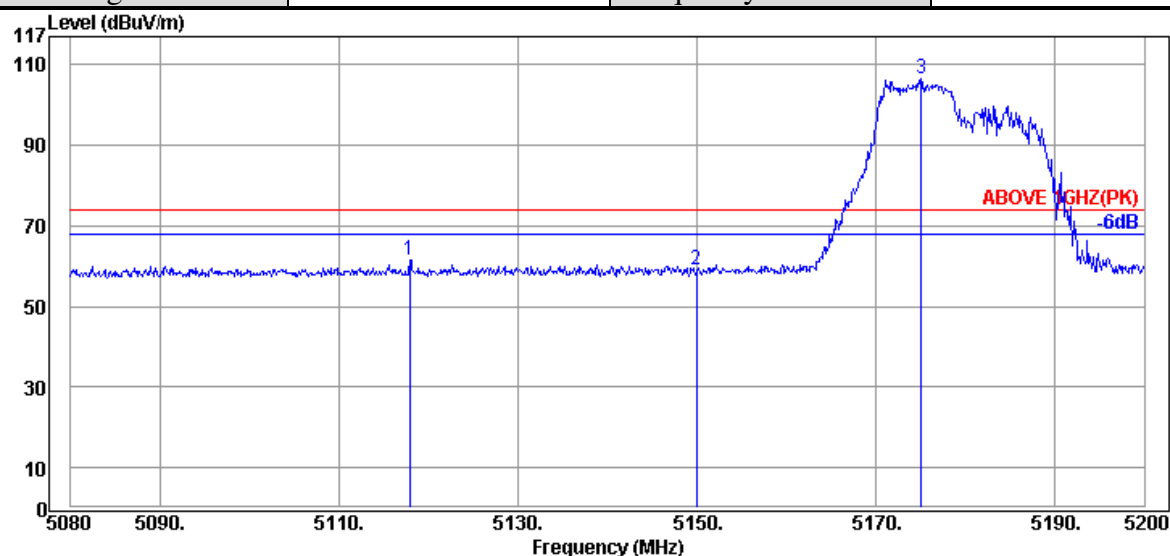
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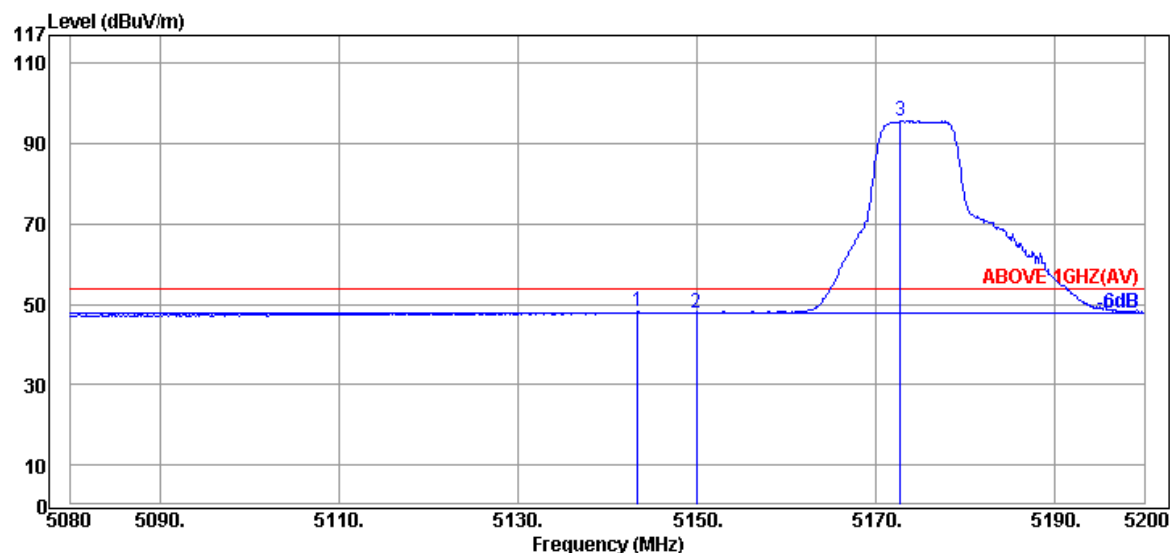
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Mode	802.11ax-HE20	UNII Band	I
RU Configuration	106/53	Frequency	TX 5180MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
5117.92	34.57	10.58	16.51	61.66	74.00	12.34	Peak
5149.96	34.70	10.61	13.67	58.98	74.00	15.02	Peak
@ 5175.04	34.57	10.63	61.15	106.35	---	---	Peak



Antenna at Horizontal Polarization

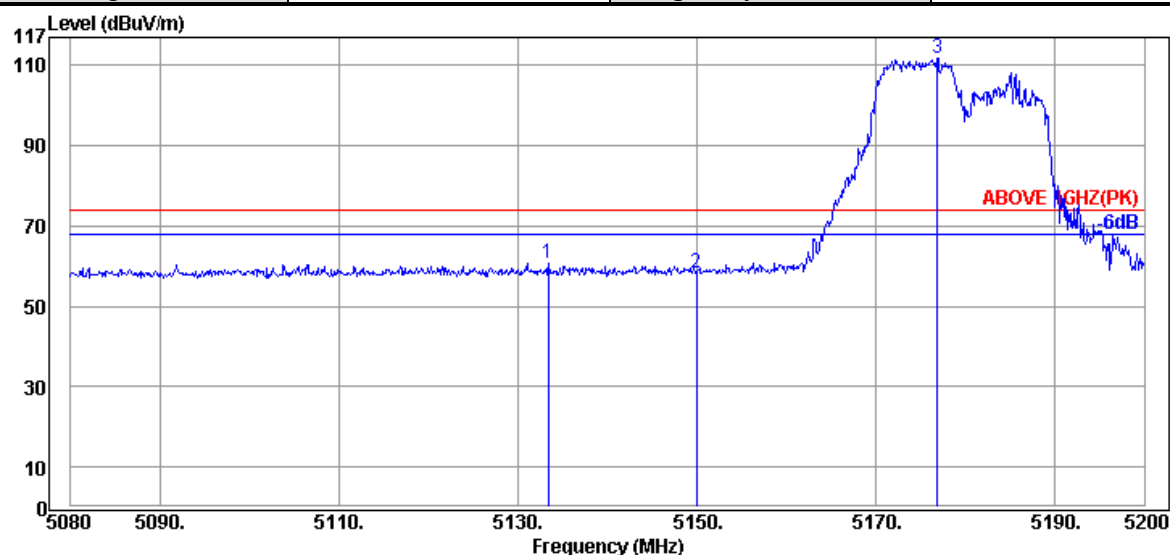
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
5143.36	34.70	10.61	2.88	48.19	54.00	5.81	Average
5149.96	34.70	10.61	2.71	48.02	54.00	5.98	Average
@ 5172.76	34.63	10.62	50.58	95.83	---	---	Average

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

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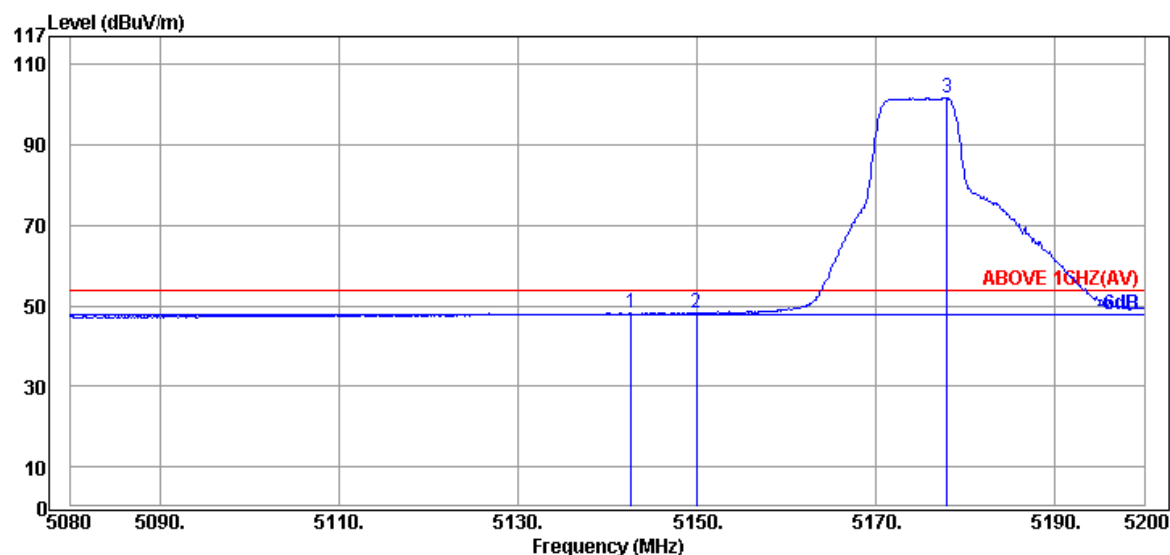
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Fax: +886 2 26099303

Mode	802.11ax-HE20	UNII Band	I
RU Configuration	106/53	Frequency	TX 5180MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5133.40	34.63	10.59	15.59	60.81	74.00	13.19	Peak
5149.96	34.70	10.61	13.04	58.35	74.00	15.65	Peak
@ 5176.84	34.57	10.63	66.54	111.74	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5142.64	34.70	10.61	2.93	48.24	54.00	5.76	Average
5149.96	34.70	10.61	2.78	48.09	54.00	5.91	Average
@ 5177.92	34.57	10.63	56.60	101.80	---	---	Average

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

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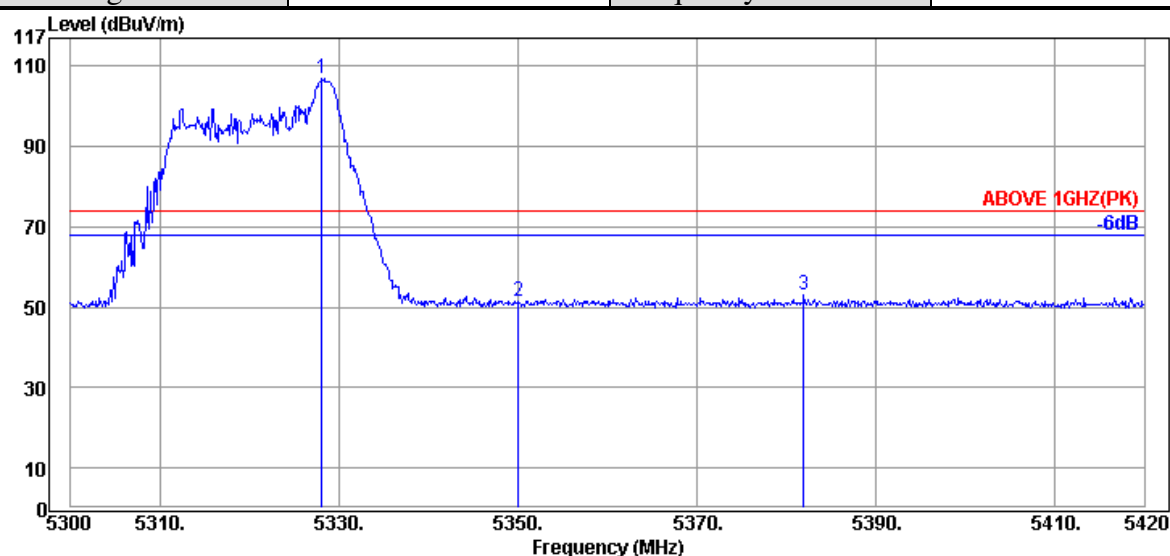
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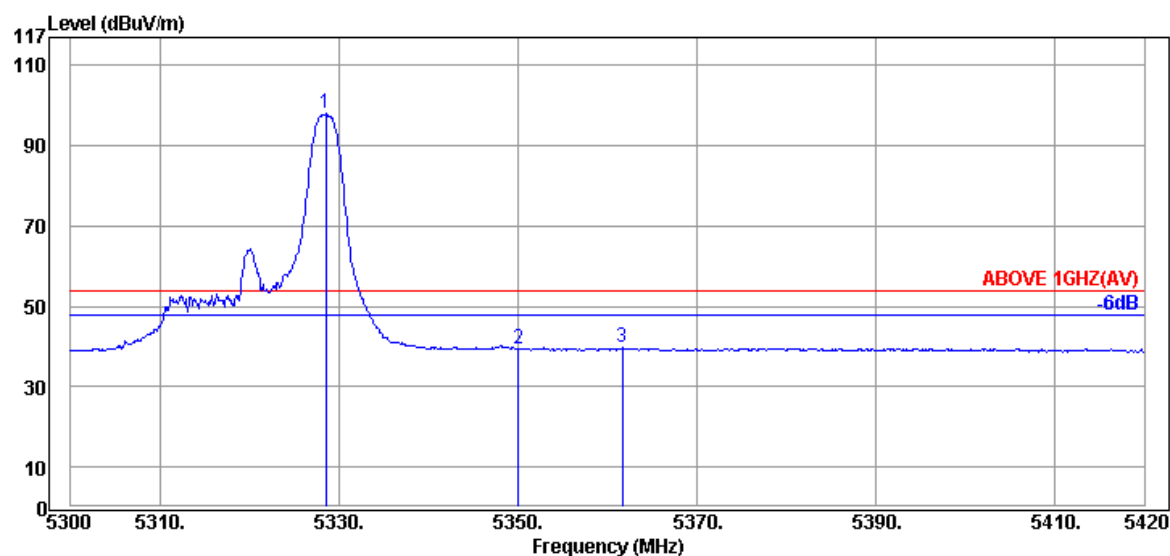
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Mode	802.11ax-HE20	UNII Band	II-2A
RU Configuration	26/8	Frequency	TX 5320MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5328.08	34.73	10.75	61.43	106.91	---	---	Peak
	5350.04	34.80	10.76	5.76	51.32	74.00	22.68	Peak
	5381.96	34.87	10.79	7.25	52.91	74.00	21.09	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5328.56	34.73	10.75	52.43	97.91	---	---	Average
	5350.04	34.80	10.76	-6.32	39.24	54.00	14.76	Average
	5361.68	34.83	10.78	-5.89	39.72	54.00	14.28	Average

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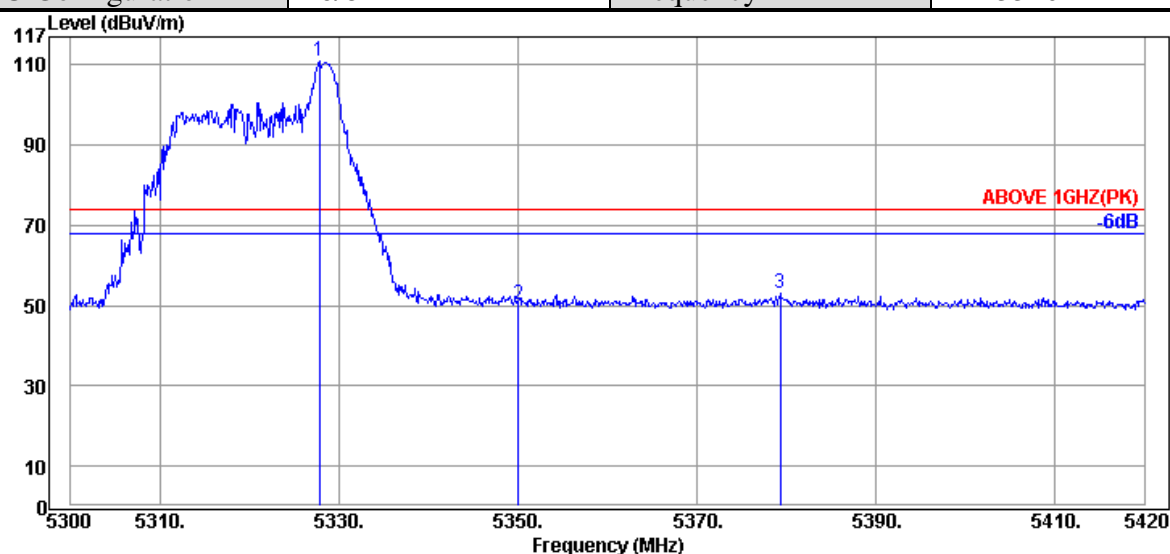
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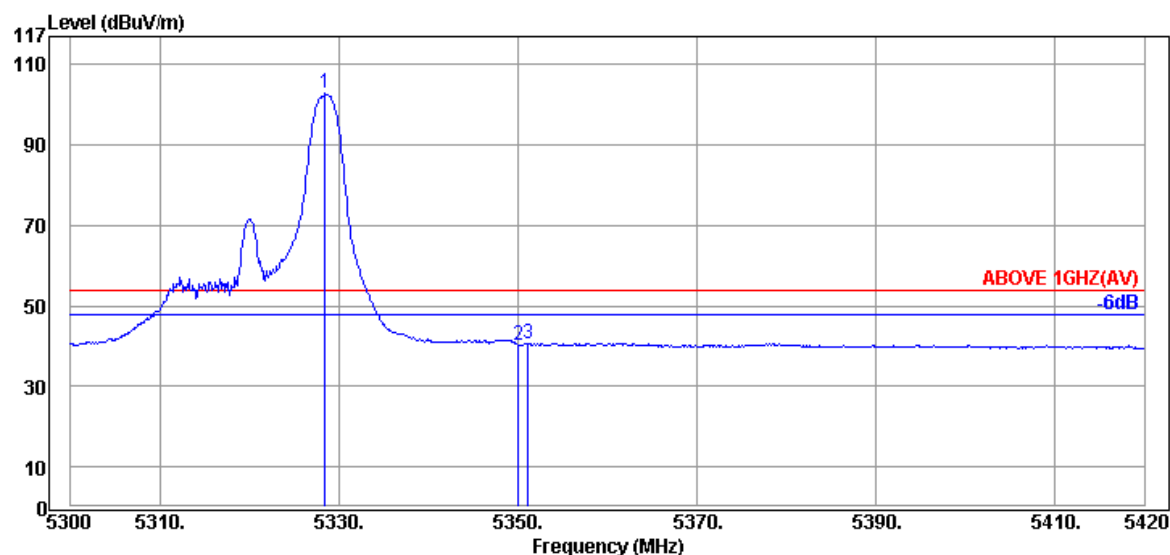
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Mode	802.11ax-HE20	UNII Band	II-2A
RU Configuration	26/8	Frequency	TX 5320MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.84	34.73	10.75	65.47	110.95	---	---	Peak
	5350.04	34.80	10.76	4.69	50.25	74.00	23.75	Peak
	5379.32	34.87	10.79	7.33	52.99	74.00	21.01	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5328.44	34.73	10.75	57.30	102.78	---	---	Average
	5350.04	34.80	10.76	-5.17	40.39	54.00	13.61	Average
	5351.12	34.80	10.76	-4.80	40.76	54.00	13.24	Average

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

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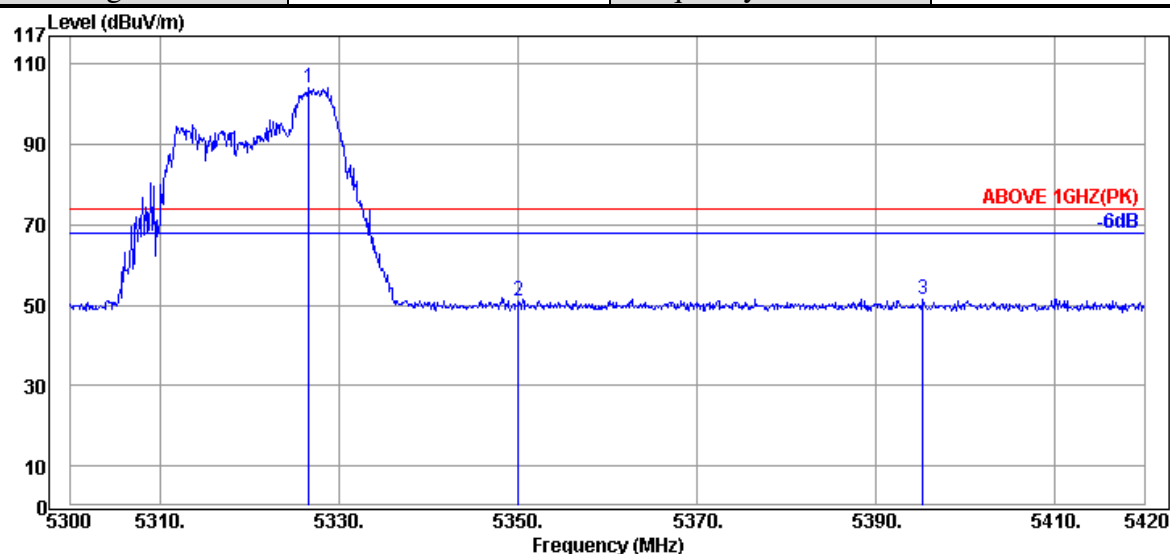
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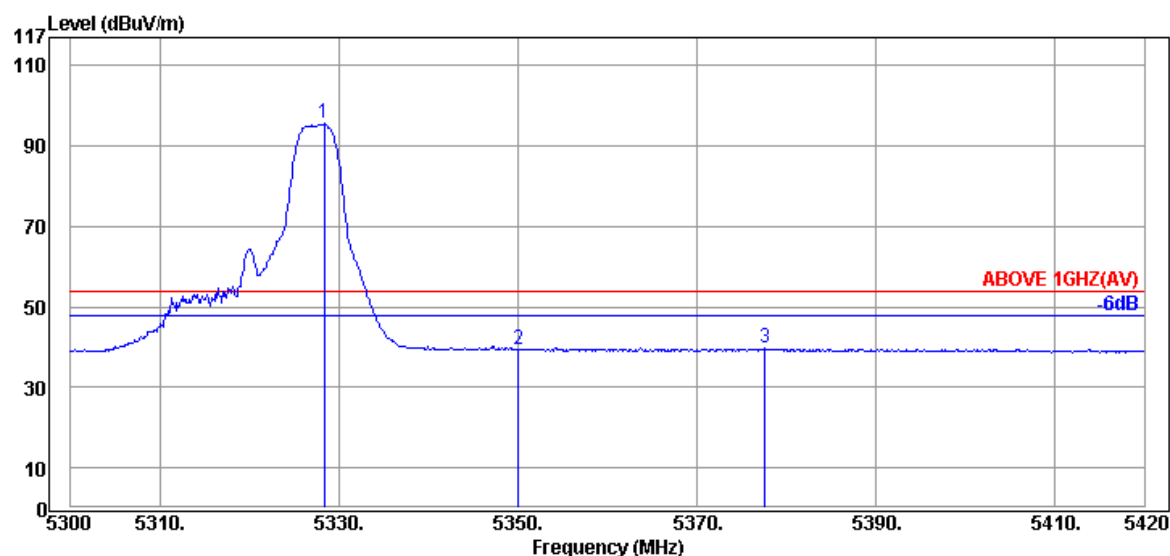
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Mode	802.11ax-HE20	UNII Band	II-2A
RU Configuration	52/40	Frequency	TX 5320MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.64	34.73	10.75	58.81	104.29	---	---	Peak
	5350.04	34.80	10.76	5.50	51.06	74.00	22.94	Peak
	5395.28	34.90	10.80	5.77	51.47	74.00	22.53	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5328.32	34.73	10.75	50.03	95.51	---	---	Average
	5350.04	34.80	10.76	-6.25	39.31	54.00	14.69	Average
	5377.64	34.87	10.79	-5.86	39.80	54.00	14.20	Average

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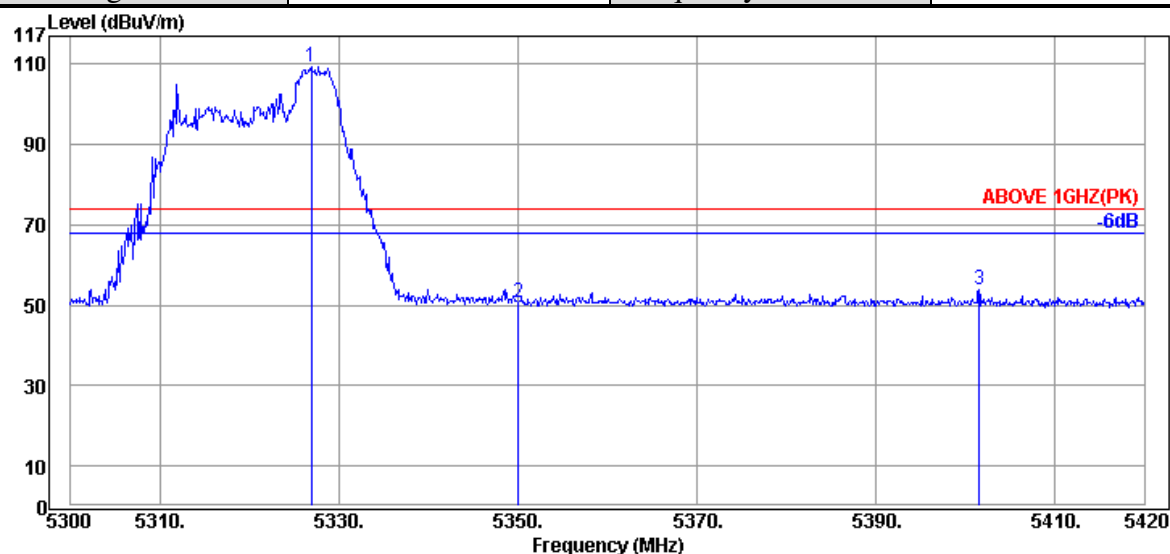
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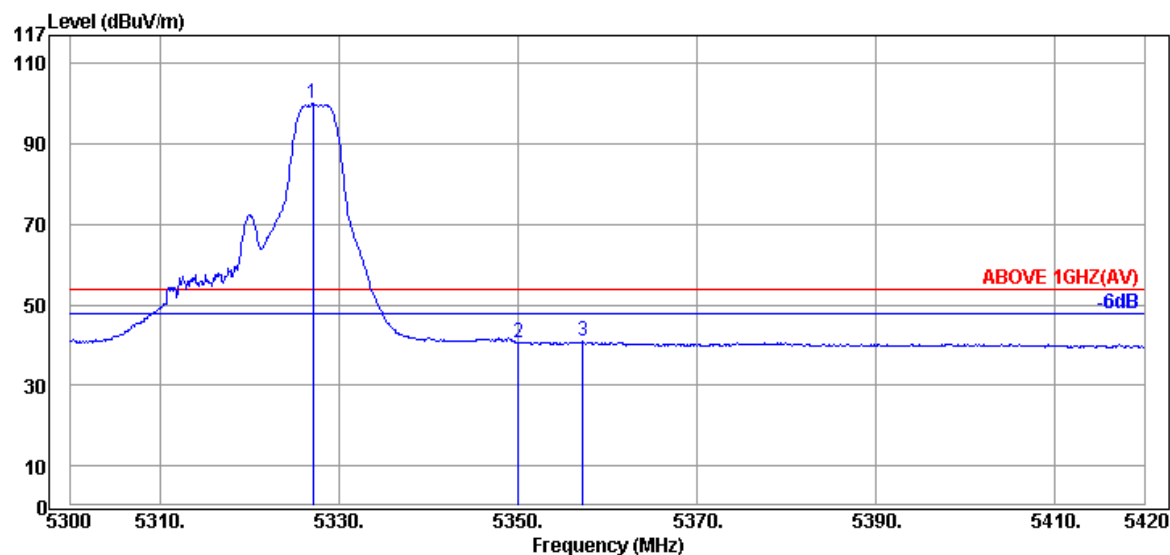
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Mode	802.11ax-HE20	UNII Band	II-2A
RU Configuration	52/40	Frequency	TX 5320MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5326.88	34.73	10.75	64.05	109.53	---	---	Peak
	5350.04	34.80	10.76	4.91	50.47	74.00	23.53	Peak
	5401.52	34.90	10.80	8.16	53.86	74.00	20.14	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5327.12	34.73	10.75	54.61	100.09	---	---	Average
	5350.04	34.80	10.76	-4.90	40.66	54.00	13.34	Average
	5357.24	34.80	10.76	-4.72	40.84	54.00	13.16	Average

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

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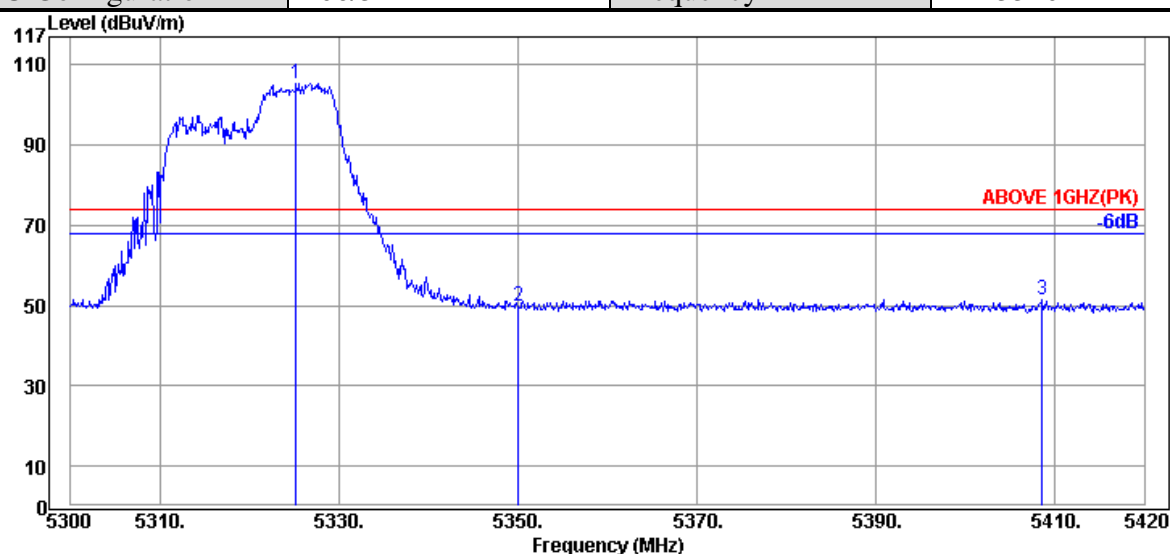
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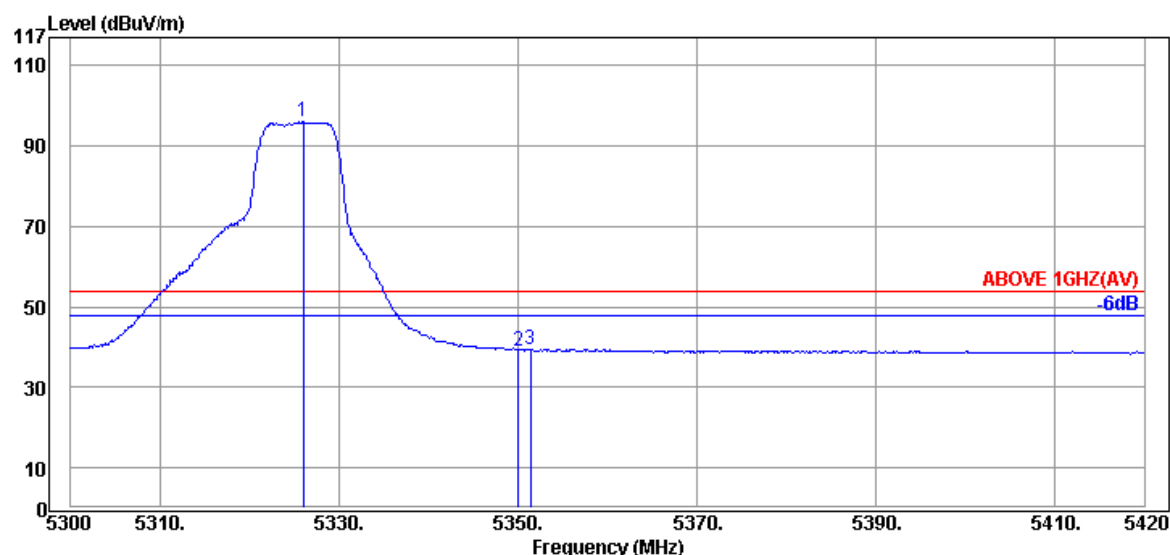
Fax: +886 2 26099303

Mode	802.11ax-HE20	UNII Band	II-2A
RU Configuration	106/54	Frequency	TX 5320MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5325.20	34.67	10.74	60.03	105.44	---	---	Peak
	5350.04	34.80	10.76	4.28	49.84	74.00	24.16	Peak
	5408.60	34.90	10.80	5.67	51.37	74.00	22.63	Peak

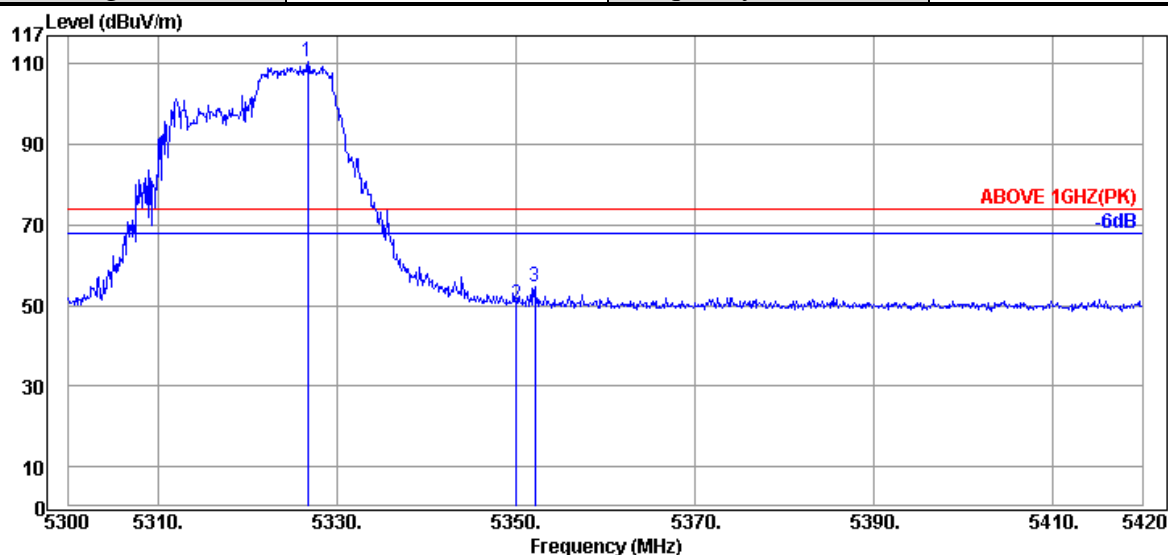


Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.04	34.67	10.74	50.62	96.03	---	---	Average
	5350.04	34.80	10.76	-6.39	39.17	54.00	14.83	Average
	5351.36	34.80	10.76	-6.00	39.56	54.00	14.44	Average

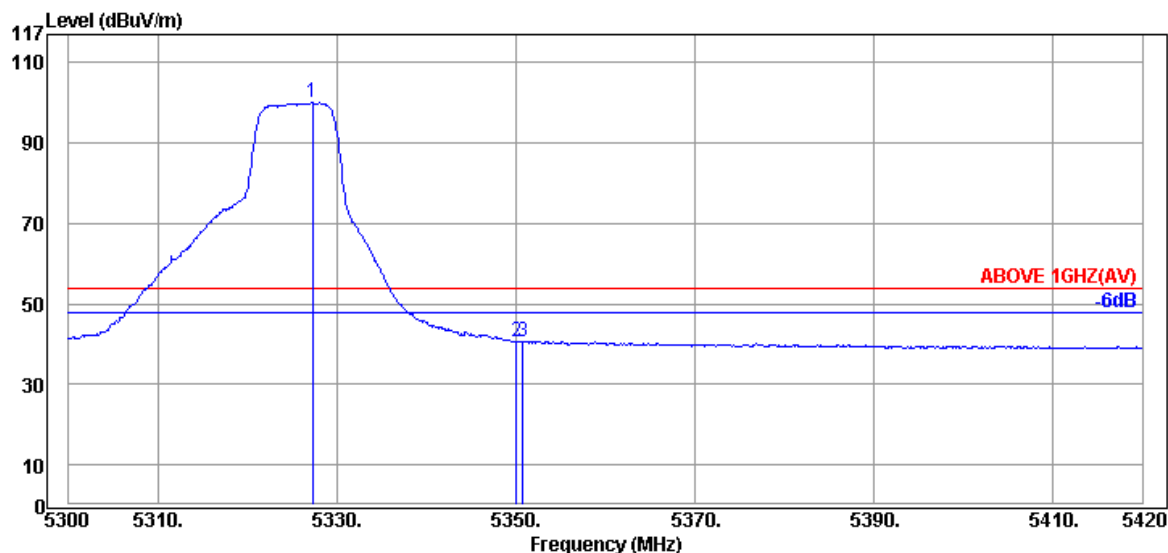
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2A
RU Configuration	106/54	Frequency	TX 5320MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.76	34.73	10.75	64.94	110.42	---	---	Peak
	5350.04	34.80	10.76	4.66	50.22	74.00	23.78	Peak
	5352.08	34.80	10.76	9.29	54.85	74.00	19.15	Peak

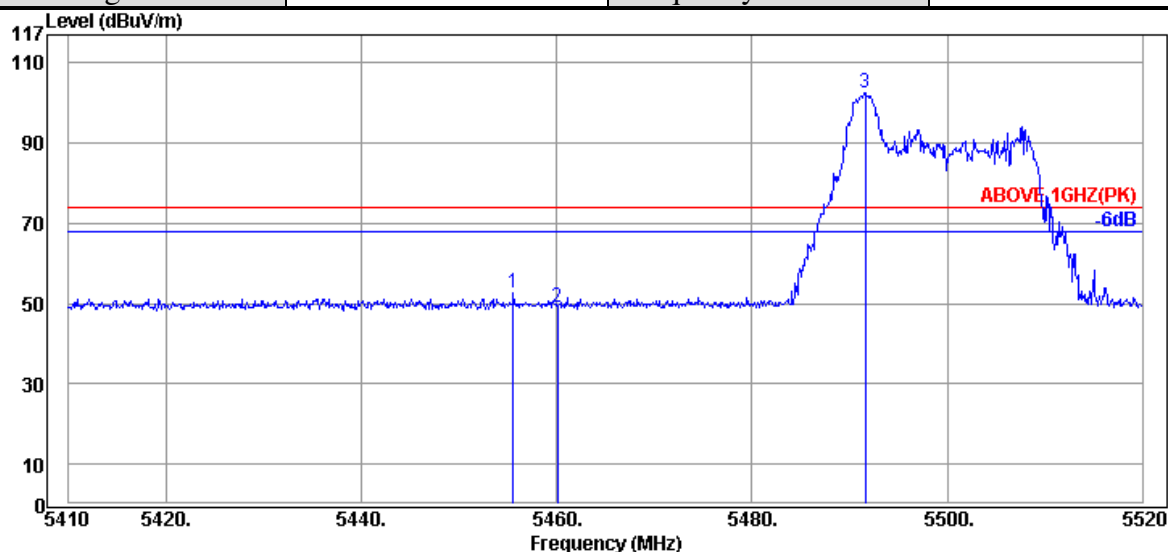


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.24	34.73	10.75	54.71	100.19	---	---	Average
	5350.04	34.80	10.76	-4.93	40.63	54.00	13.37	Average
	5350.76	34.80	10.76	-4.81	40.75	54.00	13.25	Average

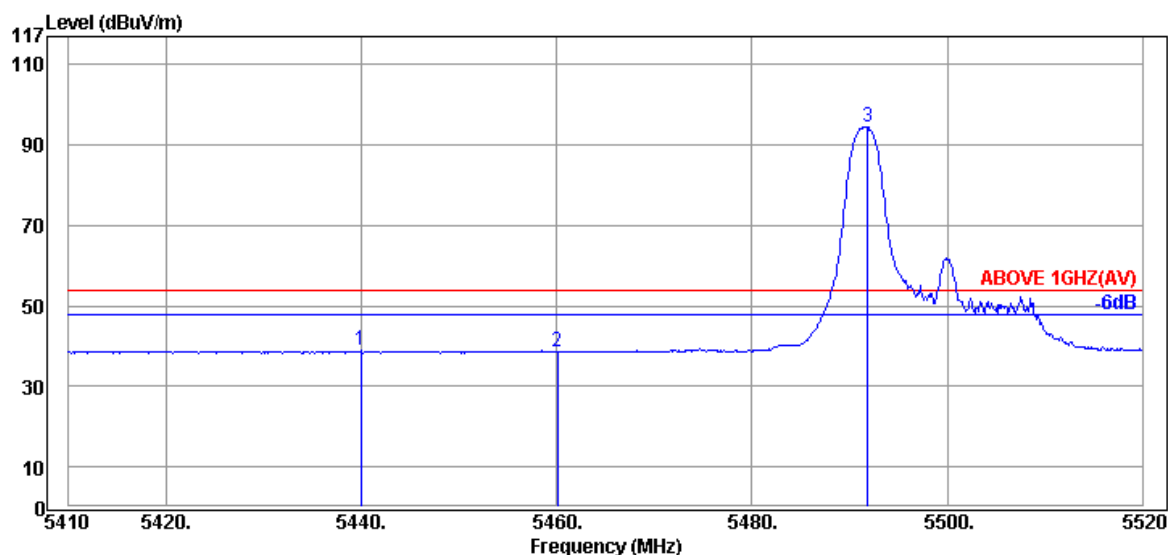
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	26/0	Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.54	34.70	10.84	7.31	52.85	74.00	21.15	Peak
5460.05	34.70	10.84	3.42	48.96	74.00	25.04	Peak
@ 5491.62	34.63	10.87	57.09	102.59	---	---	Peak

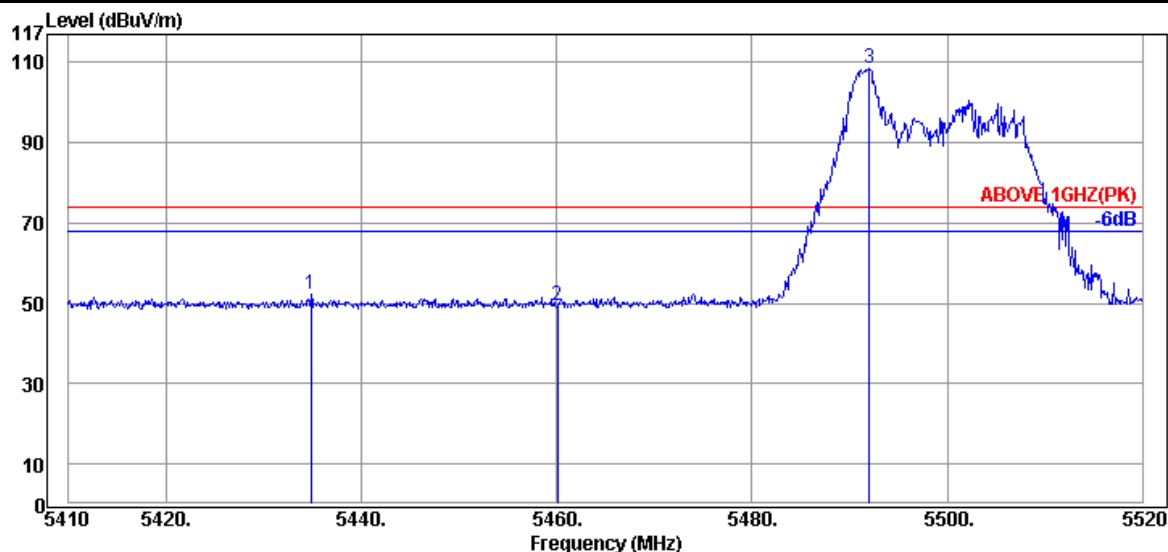


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5439.92	34.77	10.83	-6.77	38.83	54.00	15.17	Average
5460.05	34.70	10.84	-6.96	38.58	54.00	15.42	Average
@ 5491.84	34.63	10.87	49.02	94.52	---	---	Average

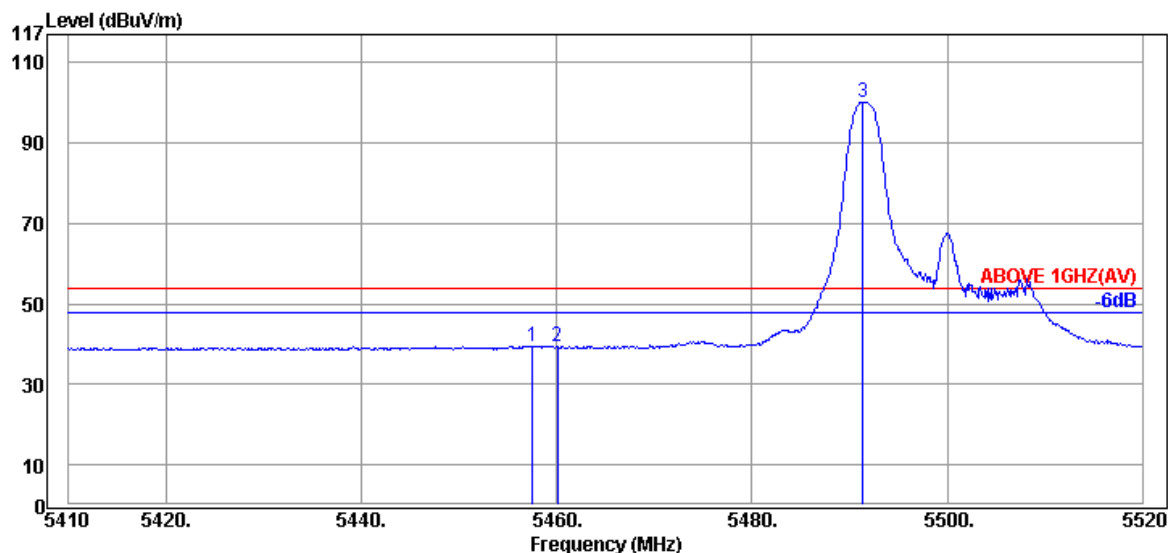
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	26/0	Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5434.86	34.77	10.83	6.80	52.40	74.00	21.60	Peak
5460.05	34.70	10.84	3.95	49.49	74.00	24.51	Peak
@ 5492.06	34.63	10.87	62.99	108.49	---	---	Peak

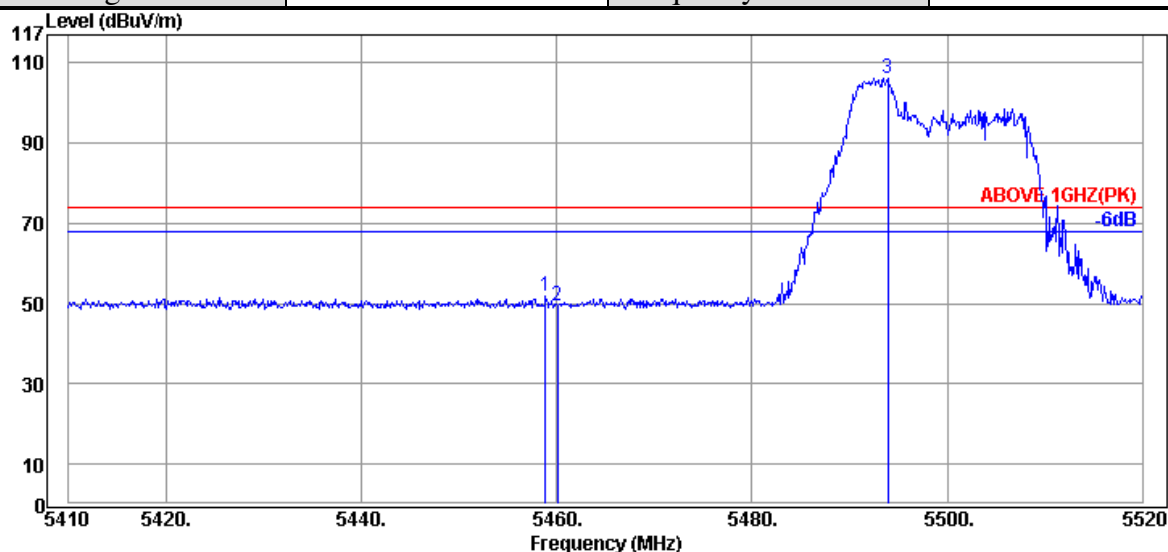


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
5457.52	34.70	10.84	-6.00	39.54	54.00	14.46	Average
5460.05	34.70	10.84	-6.21	39.33	54.00	14.67	Average
@ 5491.40	34.63	10.87	54.74	100.24	---	---	Average

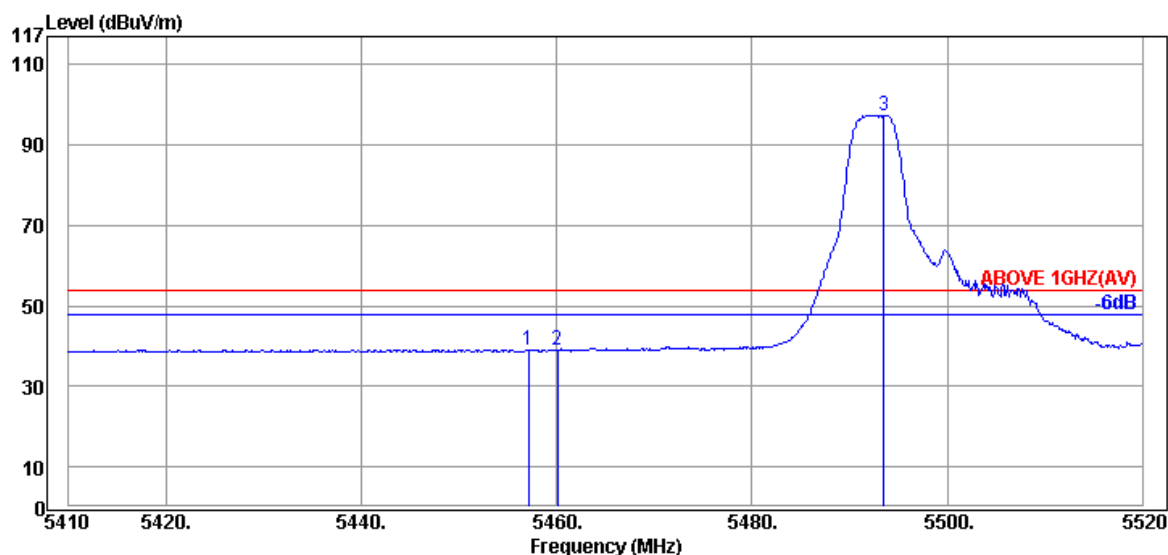
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	52/37	Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.84	34.70	10.84	6.26	51.80	74.00	22.20	Peak
5460.05	34.70	10.84	3.92	49.46	74.00	24.54	Peak
@ 5493.93	34.63	10.87	60.82	106.32	---	---	Peak

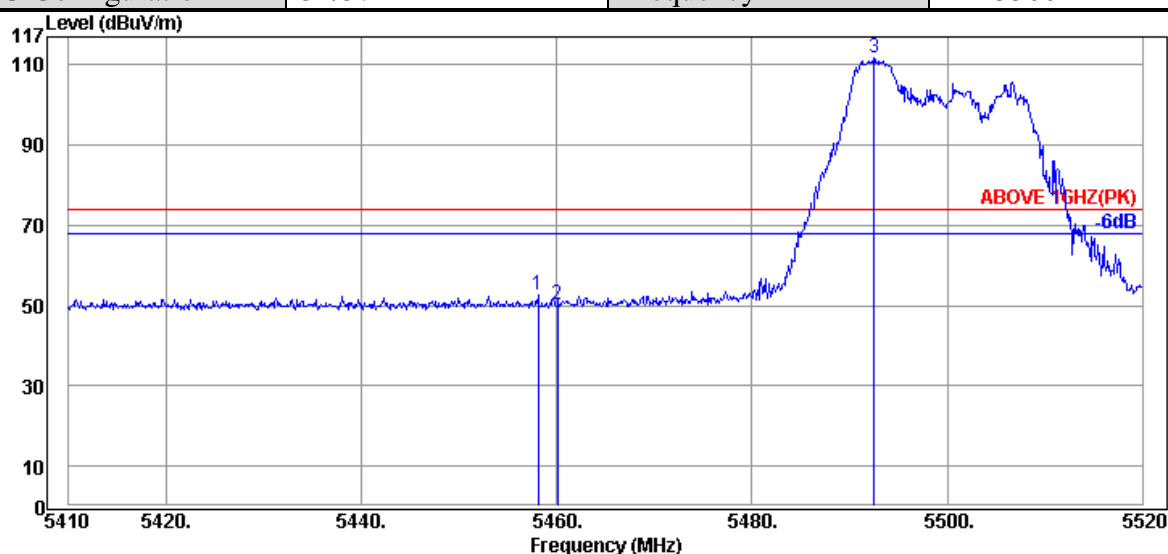


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.08	34.70	10.84	-6.42	39.12	54.00	14.88	Average
5460.05	34.70	10.84	-6.63	38.91	54.00	15.09	Average
@ 5493.49	34.63	10.87	51.98	97.48	---	---	Average

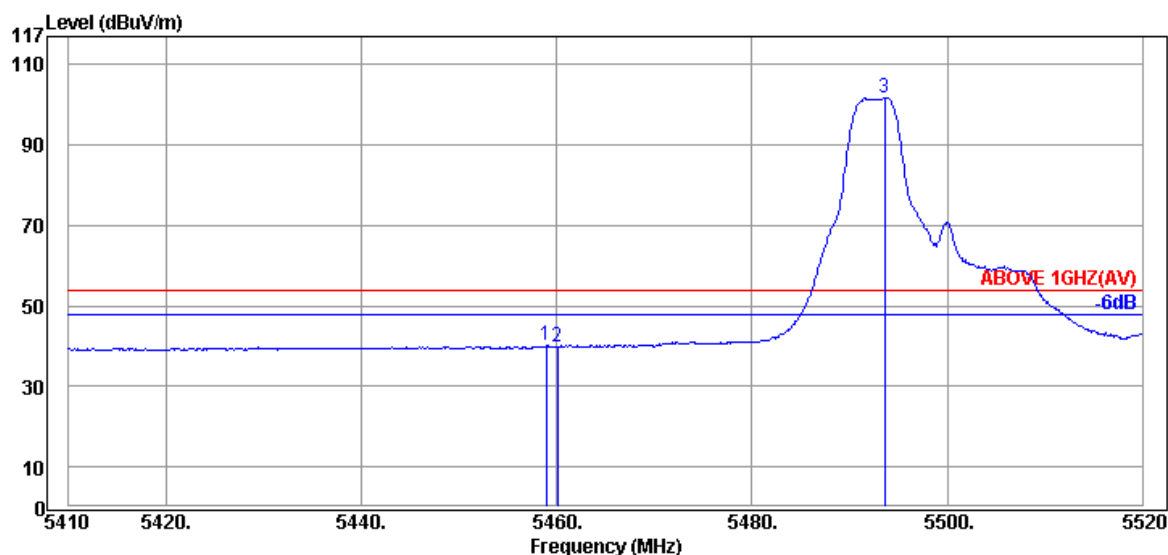
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	52/37	Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.07	34.70	10.84	7.14	52.68	74.00	21.32	Peak
5460.05	34.70	10.84	4.83	50.37	74.00	23.63	Peak
@ 5492.50	34.63	10.87	66.16	111.66	---	---	Peak

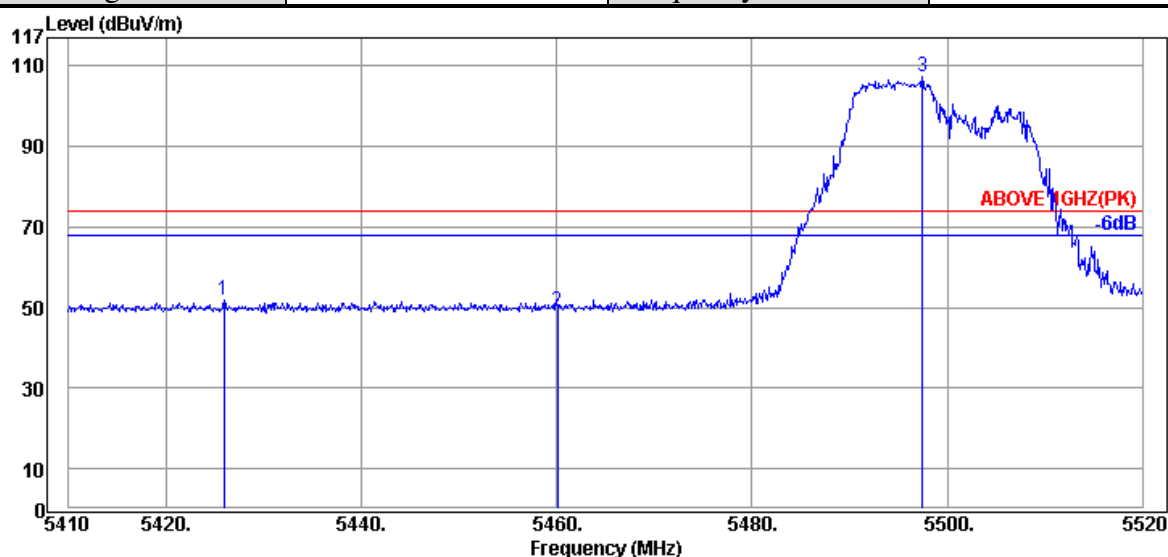


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.95	34.70	10.84	-5.38	40.16	54.00	13.84	Average
5460.05	34.70	10.84	-5.59	39.95	54.00	14.05	Average
@ 5493.60	34.63	10.87	56.32	101.82	---	---	Average

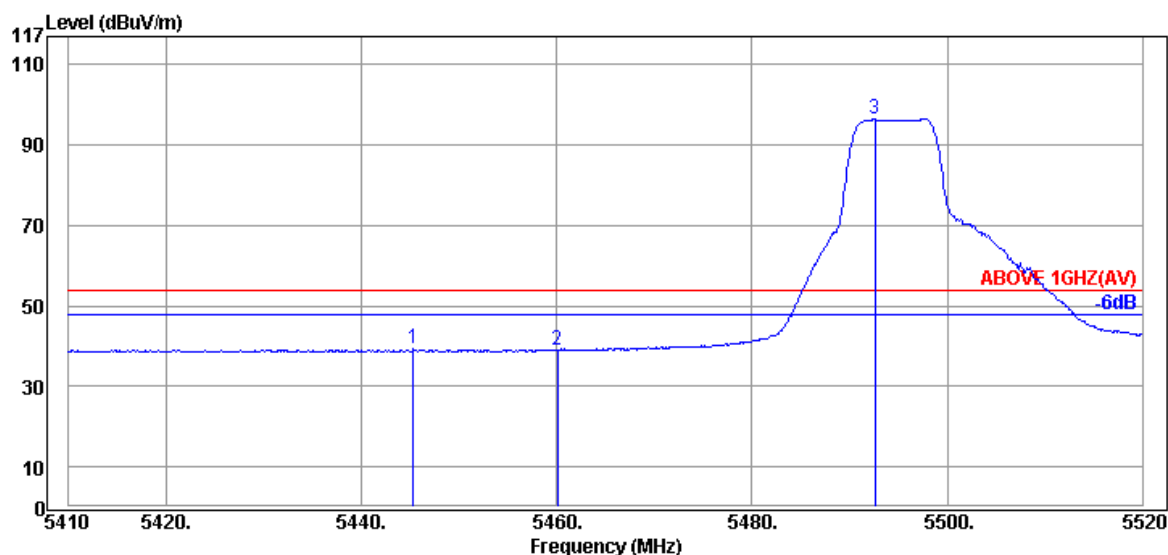
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	106/53	Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5425.95	34.83	10.82	6.12	51.77	74.00	22.23	Peak
5460.05	34.70	10.84	3.54	49.08	74.00	24.92	Peak
@ 5497.45	34.60	10.88	61.97	107.45	---	---	Peak

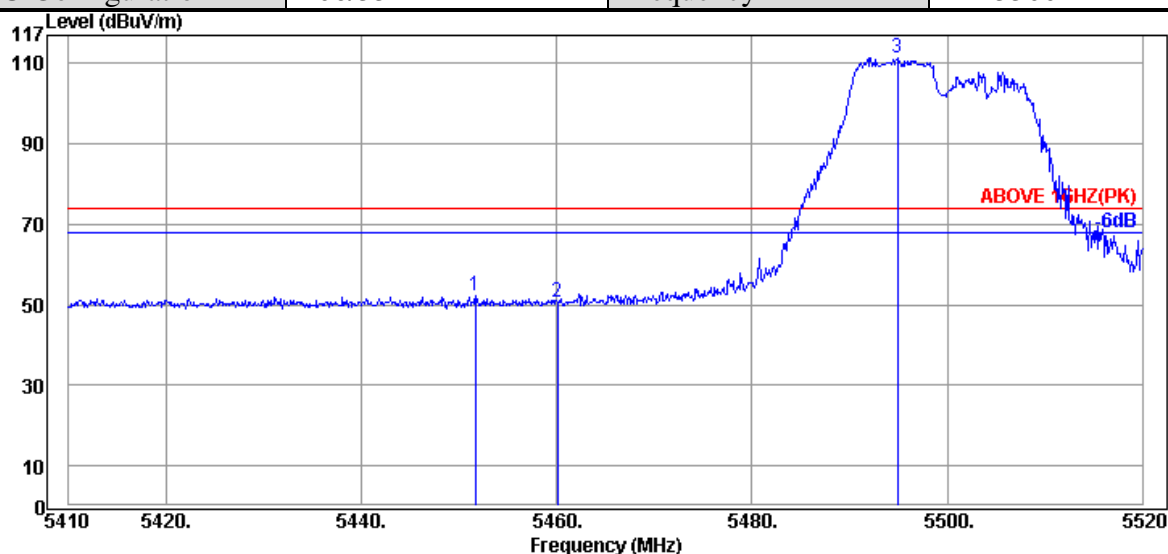


Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5445.31	34.77	10.83	-6.38	39.22	54.00	14.78	Average
5460.05	34.70	10.84	-6.58	38.96	54.00	15.04	Average
@ 5492.61	34.63	10.87	51.09	96.59	---	---	Average

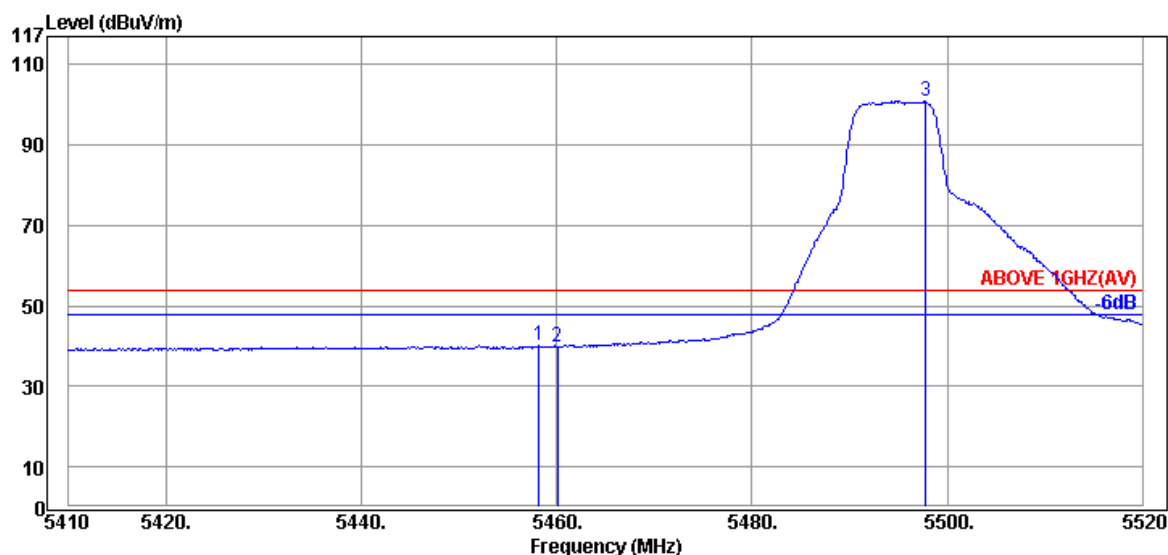
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	106/53	Frequency	TX 5500MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.69	34.70	10.84	6.53	52.07	74.00	21.93	Peak
5460.05	34.70	10.84	5.29	50.83	74.00	23.17	Peak
@ 5494.92	34.63	10.87	65.79	111.29	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.18	34.70	10.84	-5.49	40.05	54.00	13.95	Average
5460.05	34.70	10.84	-5.83	39.71	54.00	14.29	Average
@ 5497.78	34.60	10.88	55.35	100.83	---	---	Average

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

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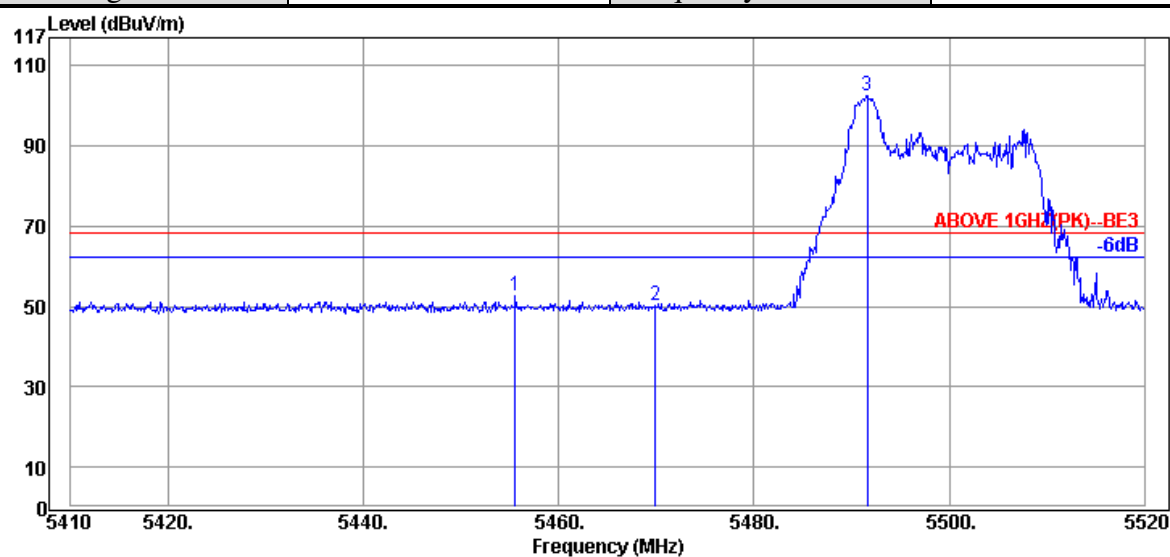
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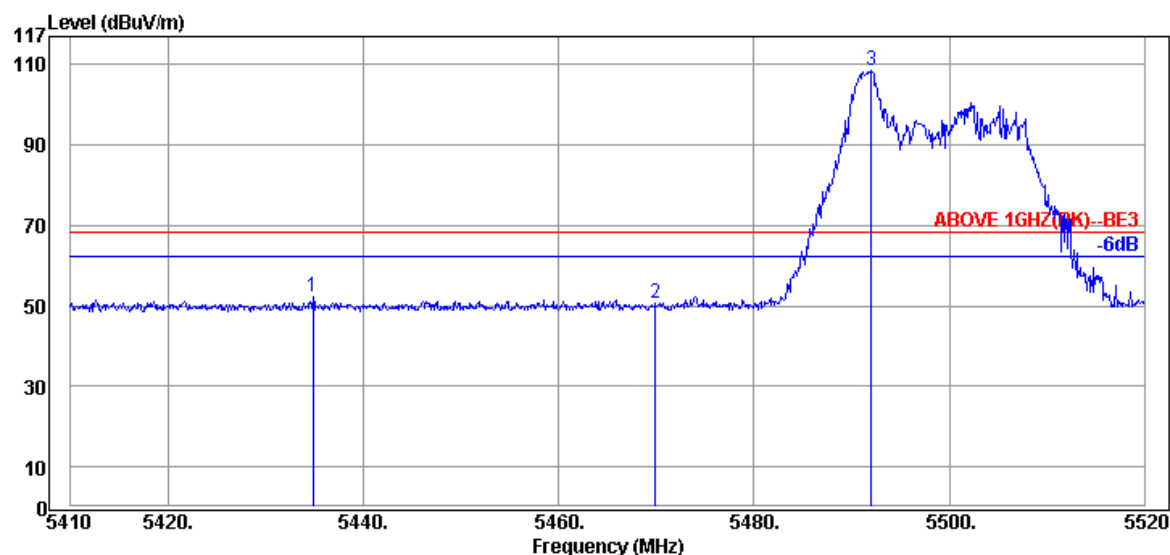
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Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	26/0	Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5455.54	34.70	10.84	7.31	52.85	68.20	15.35	Peak
5469.95	34.67	10.85	4.87	50.39	68.20	17.81	Peak
@ 5491.62	34.63	10.87	57.09	102.59	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5434.86	34.77	10.83	6.80	52.40	68.20	15.80	Peak
5469.95	34.67	10.85	5.16	50.68	68.20	17.52	Peak
@ 5492.06	34.63	10.87	62.99	108.49	---	---	Peak

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

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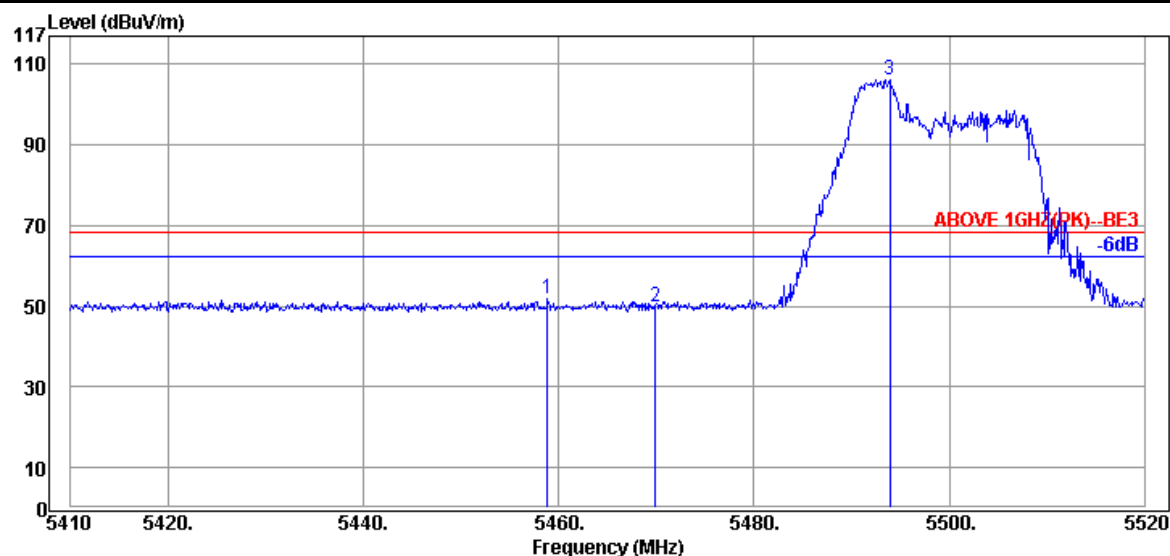
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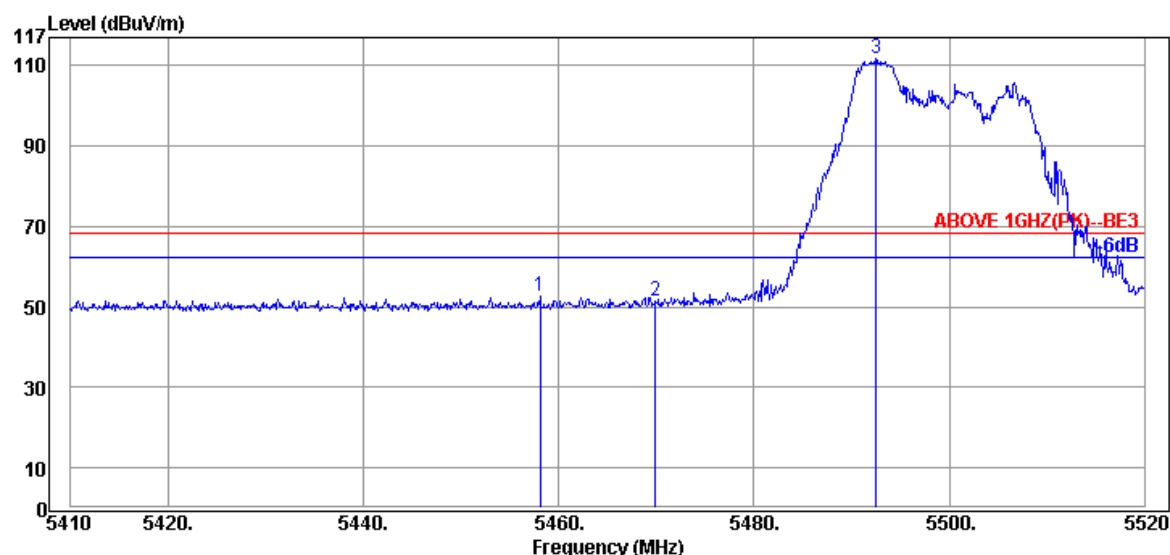
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Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	52/37	Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.84	34.70	10.84	6.26	51.80	68.20	16.40	Peak
5469.95	34.67	10.85	4.15	49.67	68.20	18.53	Peak
@ 5493.93	34.63	10.87	60.82	106.32	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.07	34.70	10.84	7.14	52.68	68.20	15.52	Peak
5469.95	34.67	10.85	5.89	51.41	68.20	16.79	Peak
@ 5492.50	34.63	10.87	66.16	111.66	---	---	Peak

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

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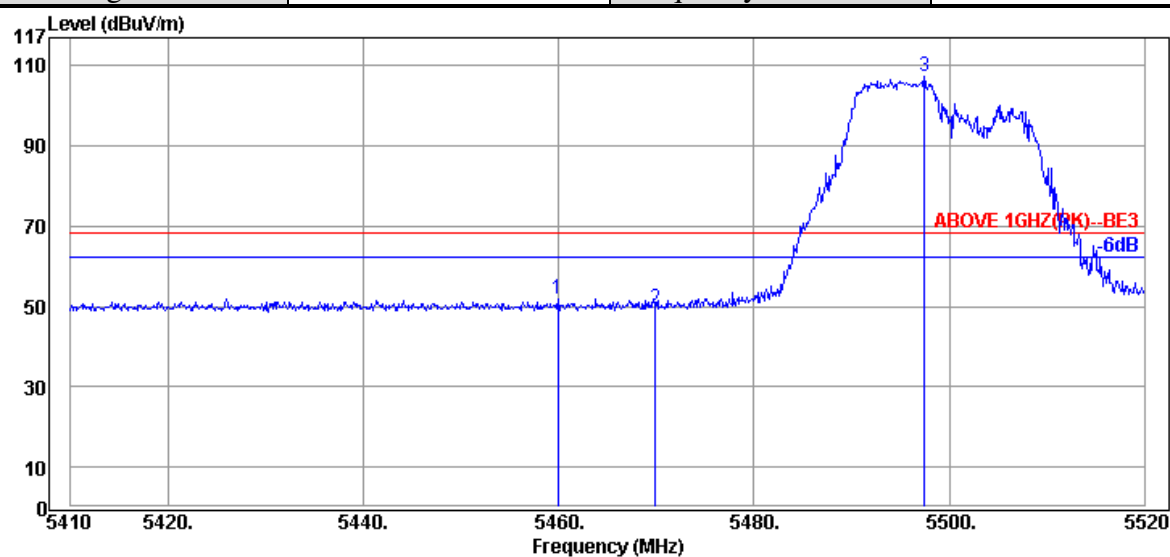
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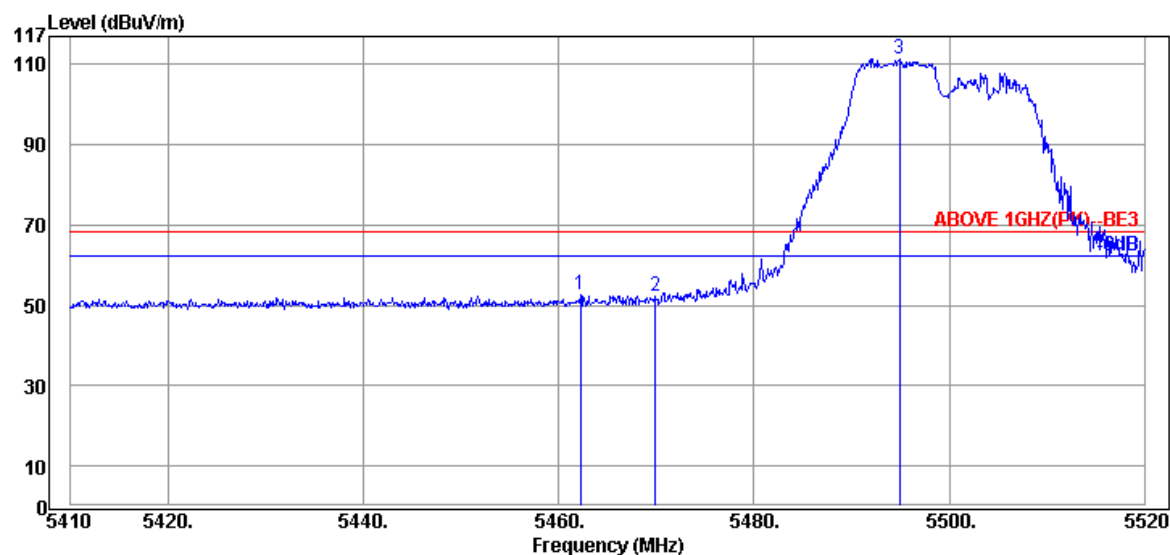
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Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	106/53	Frequency	TX 5500MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.94	34.70	10.84	6.35	51.89	68.20	16.31	Peak
5469.95	34.67	10.85	3.97	49.49	68.20	18.71	Peak
@ 5497.45	34.60	10.88	61.97	107.45	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.25	34.70	10.84	6.94	52.48	68.20	15.72	Peak
5469.95	34.67	10.85	6.62	52.14	68.20	16.06	Peak
@ 5494.92	34.63	10.87	65.79	111.29	---	---	Peak

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

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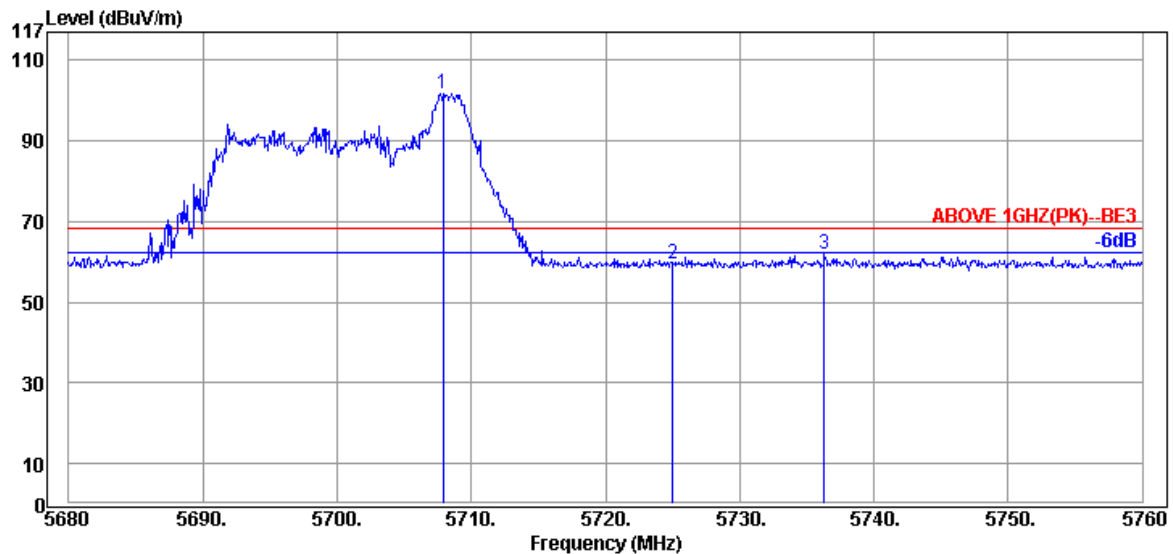
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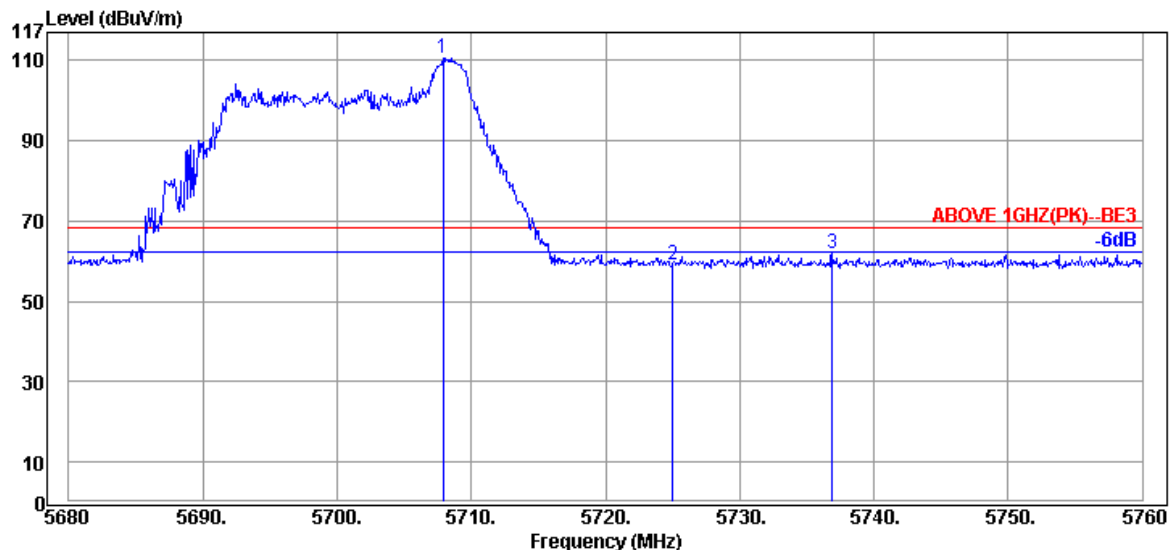
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Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	26/8	Frequency	TX 5700MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBUV)	Emission Level (dBUV/m)	Limits (dBUV/m)	Margin (dB)	Detector
@	5707.92	34.87	10.90	56.14	101.91	---	---	Peak
	5725.04	34.83	10.91	13.76	59.50	68.20	8.70	Peak
	5736.32	34.80	10.91	16.09	61.80	68.20	6.40	Peak



Antenna at Vertical Polarization

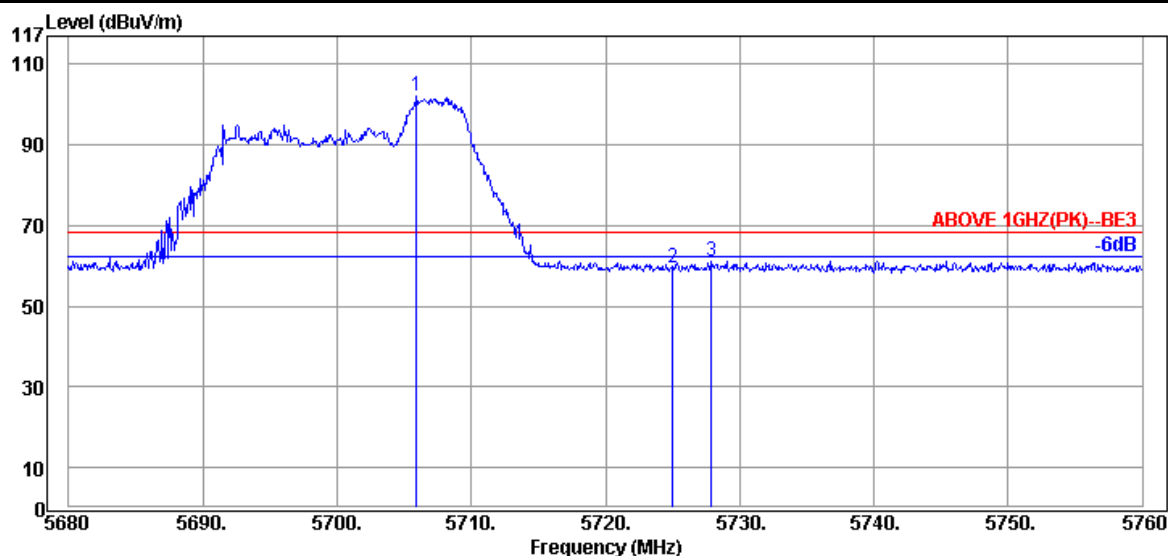
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@	5707.92	34.87	10.90	64.70	110.47	---	---	Peak
	5725.04	34.83	10.91	13.44	59.18	68.20	9.02	Peak
	5736.88	34.80	10.91	16.01	61.72	68.20	6.48	Peak

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

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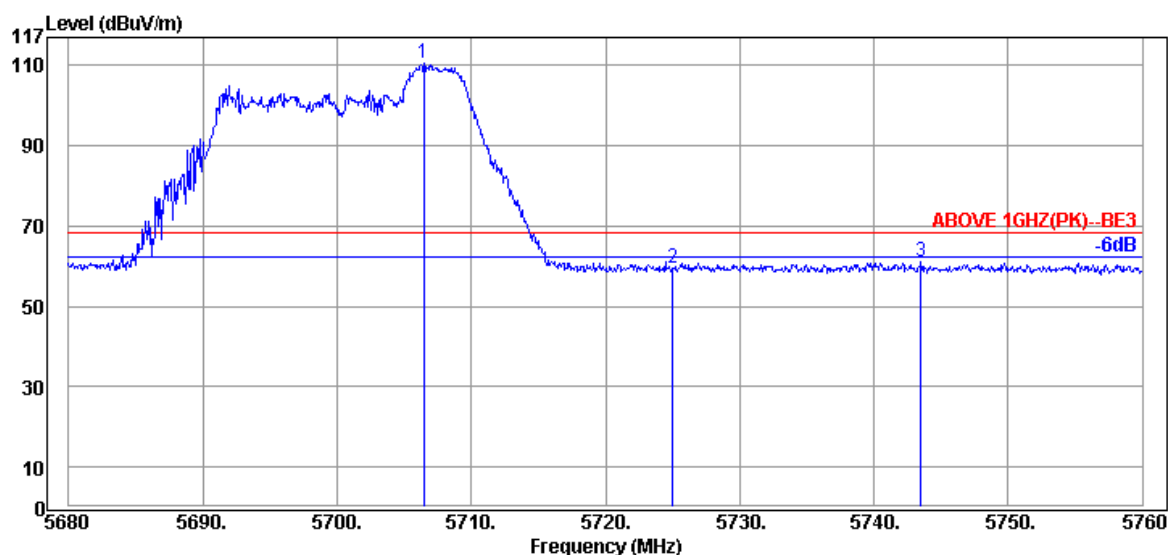
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Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	52/40	Frequency	TX 5700MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
@	5705.92	34.87	10.90	56.39	102.16	---	---	Peak
	5725.04	34.83	10.91	13.62	59.36	68.20	8.84	Peak
	5727.92	34.83	10.91	15.37	61.11	68.20	7.09	Peak



Antenna at Vertical Polarization

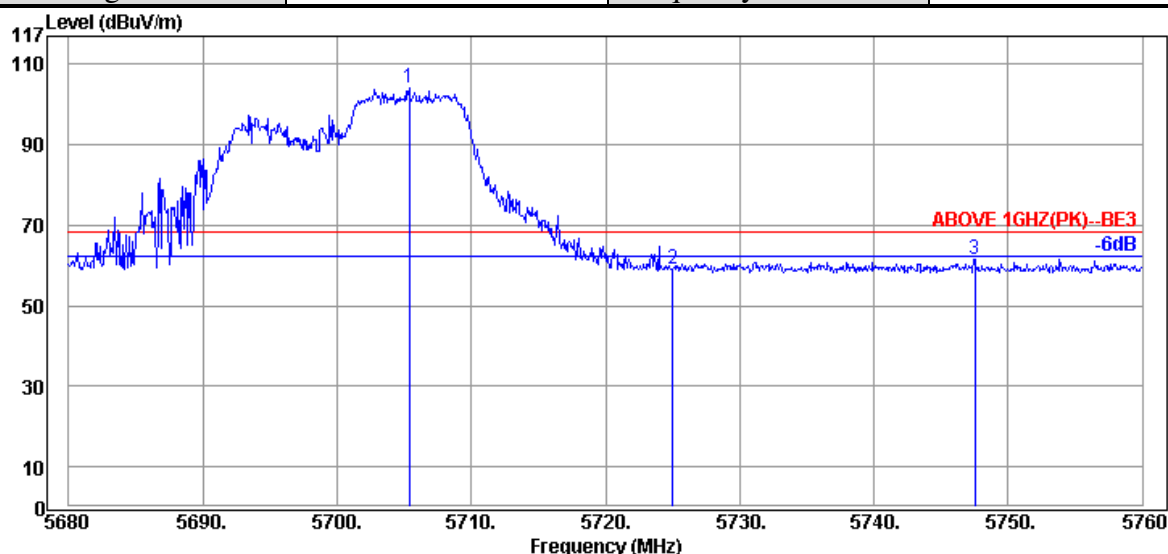
	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
@	5706.48	34.87	10.90	64.64	110.41	---	---	Peak
	5725.04	34.83	10.91	13.71	59.45	68.20	8.75	Peak
	5743.52	34.80	10.91	15.29	61.00	68.20	7.20	Peak

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

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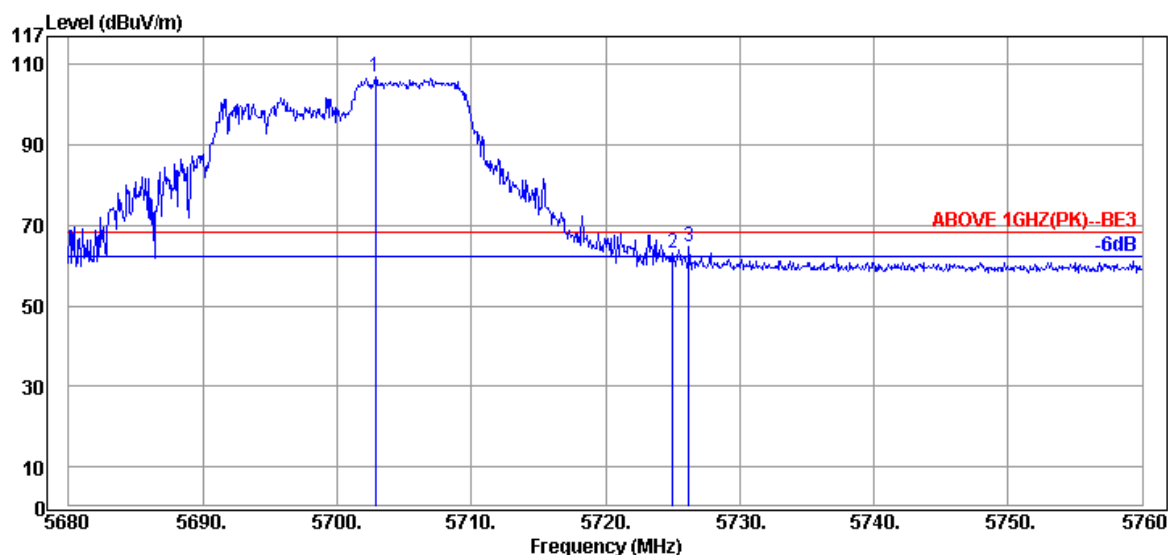
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Mode	802.11ax-HE20	UNII Band	II-2C
RU Configuration	106/54	Frequency	TX 5700MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5705.36	34.87	10.90	58.51	104.28	---	---	Peak
	5725.04	34.83	10.91	13.25	58.99	68.20	9.21	Peak
	5747.52	34.80	10.91	15.77	61.48	68.20	6.72	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5702.88	34.87	10.90	61.05	106.82	---	---	Peak
	5725.04	34.83	10.91	17.32	63.06	68.20	5.14	Peak
	5726.24	34.83	10.91	18.85	64.59	68.20	3.61	Peak

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

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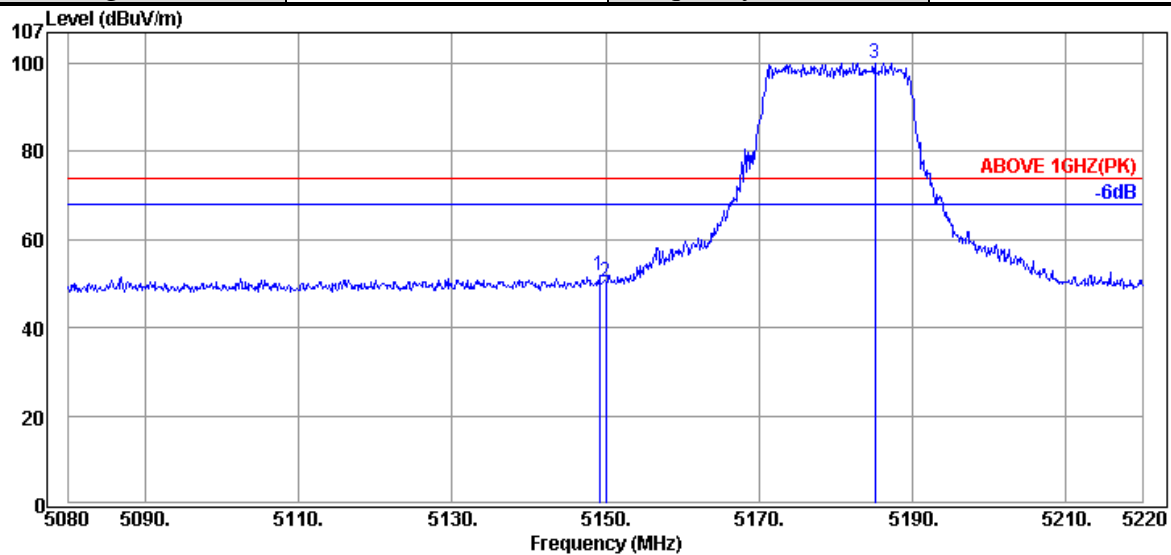
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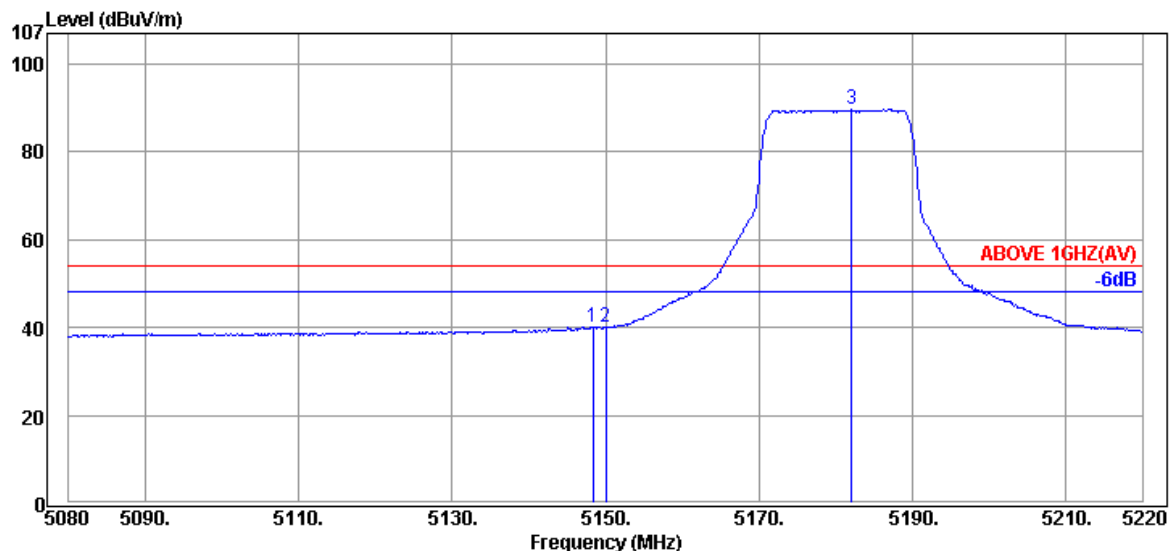
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	I
RU Configuration	242/61	Frequency	TX 5190MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.16	34.70	10.61	6.39	51.70	74.00	22.30	Peak
5150.00	34.70	10.61	4.91	50.22	74.00	23.78	Peak
@ 5185.14	34.57	10.63	54.99	100.19	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.32	34.70	10.61	-5.06	40.25	54.00	13.75	Average
5150.00	34.70	10.61	-5.23	40.08	54.00	13.92	Average
@ 5182.06	34.57	10.63	44.42	89.62	---	---	Average

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

File Number: CIM1909186

Report Number: EM-F190341

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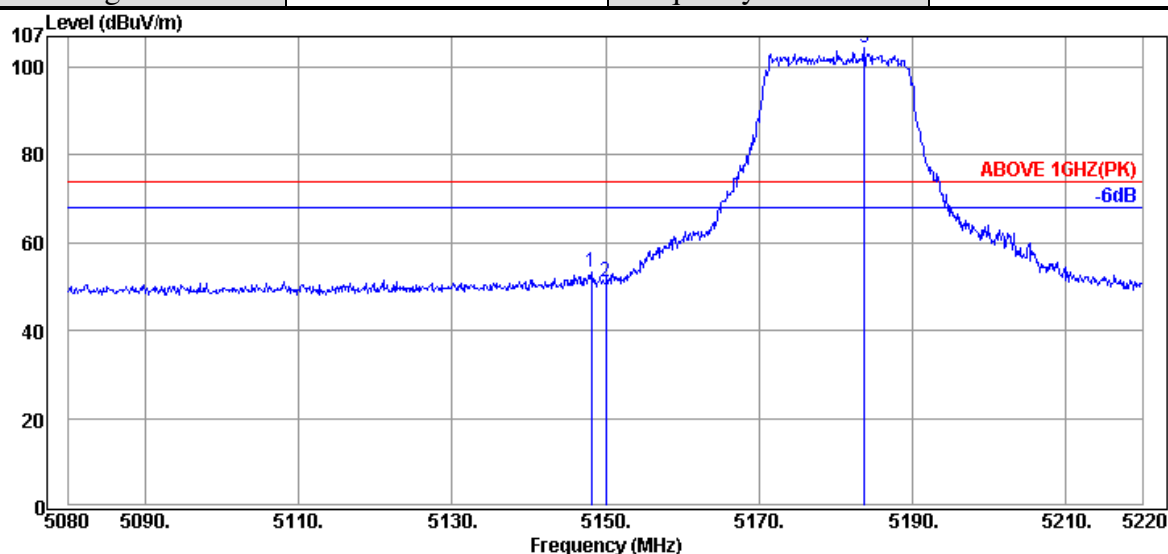
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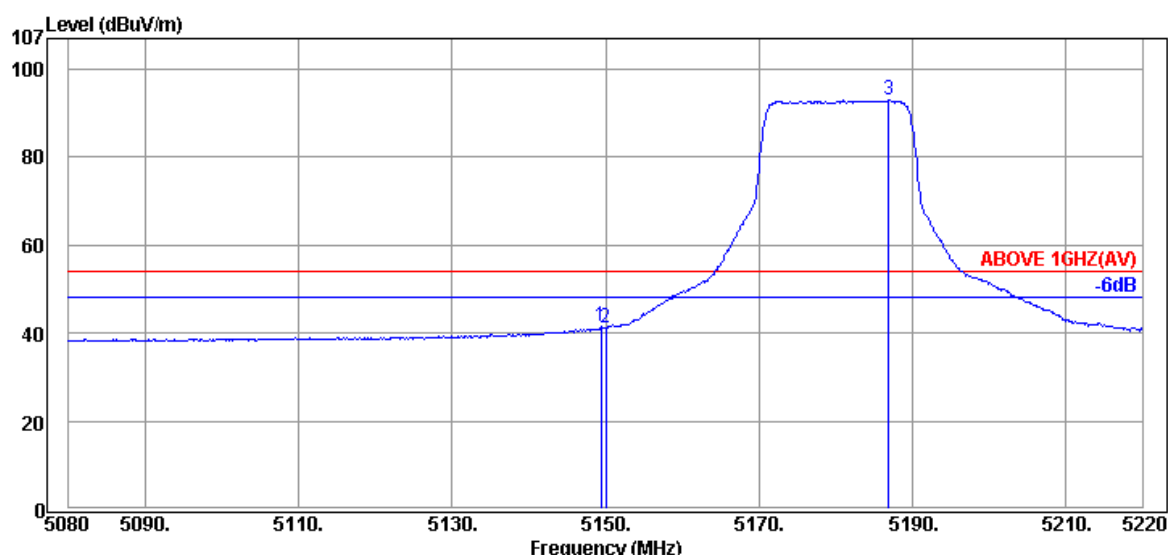
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	I
RU Configuration	242/61	Frequency	TX 5190MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.18	34.70	10.61	7.98	53.29	74.00	20.71	Peak
5150.00	34.70	10.61	5.97	51.28	74.00	22.72	Peak
@ 5183.74	34.57	10.63	59.08	104.28	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.44	34.70	10.61	-3.82	41.49	54.00	12.51	Average
5150.00	34.70	10.61	-4.01	41.30	54.00	12.70	Average
@ 5186.96	34.57	10.63	47.74	92.94	---	---	Average

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

File Number: CIM1909186

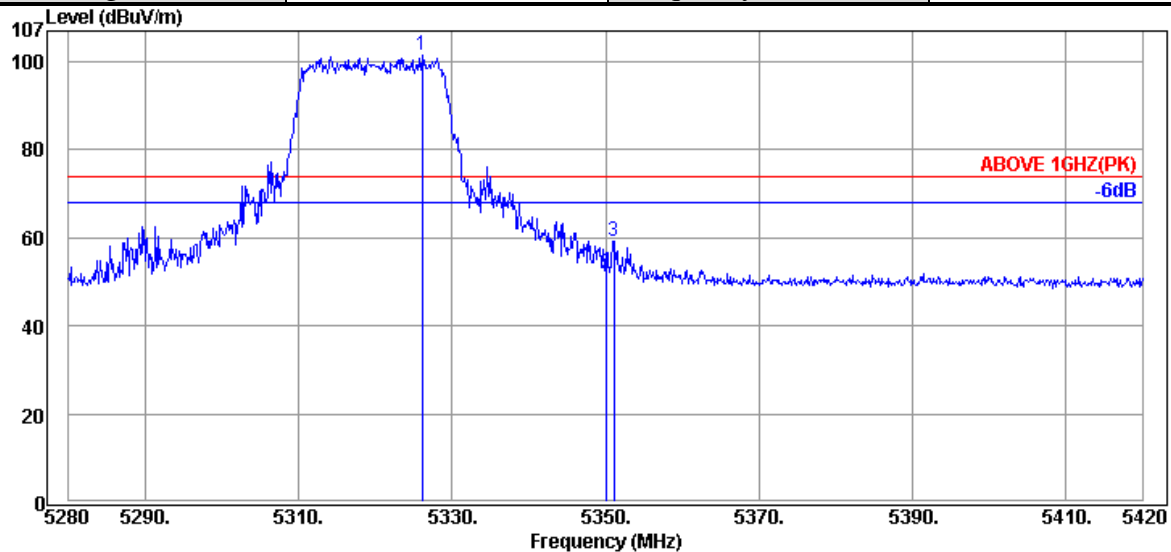
Report Number: EM-F190341

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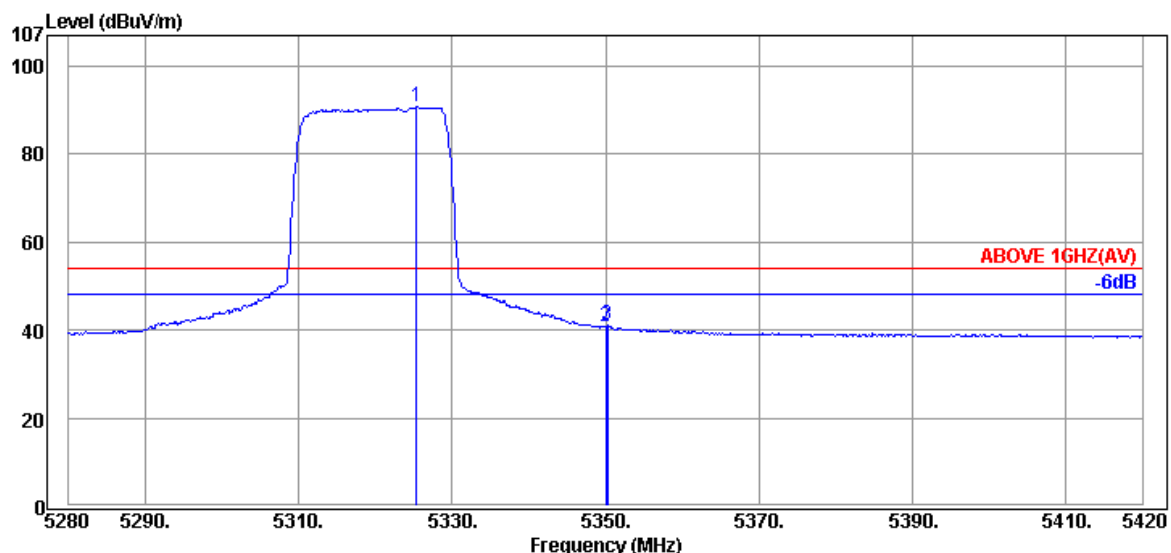
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Mode	802.11ax-HE40	UNII Band	II-2A
RU Configuration	242/62	Frequency	TX 5310MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5326.06	34.67	10.74	56.14	101.55	---	---	Peak
	5350.00	34.80	10.76	6.32	51.88	74.00	22.12	Peak
	5351.12	34.80	10.76	13.67	59.23	74.00	14.77	Peak



Antenna at Horizontal Polarization

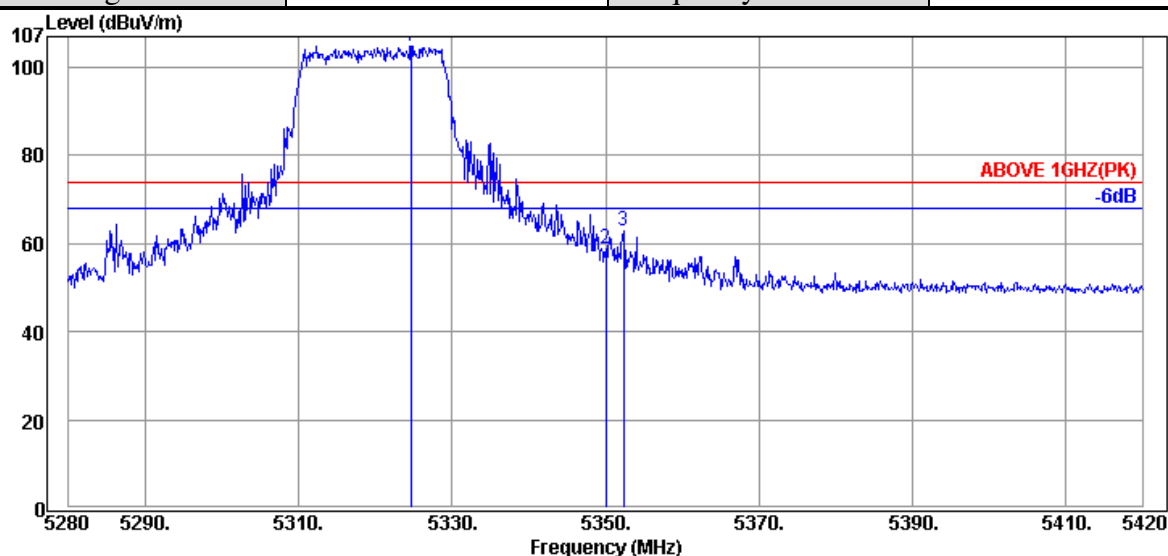
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@	5325.36	34.67	10.74	45.24	90.65	---	---	Average
	5350.00	34.80	10.76	-4.82	40.74	54.00	13.26	Average
	5350.28	34.80	10.76	-4.53	41.03	54.00	12.97	Average

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

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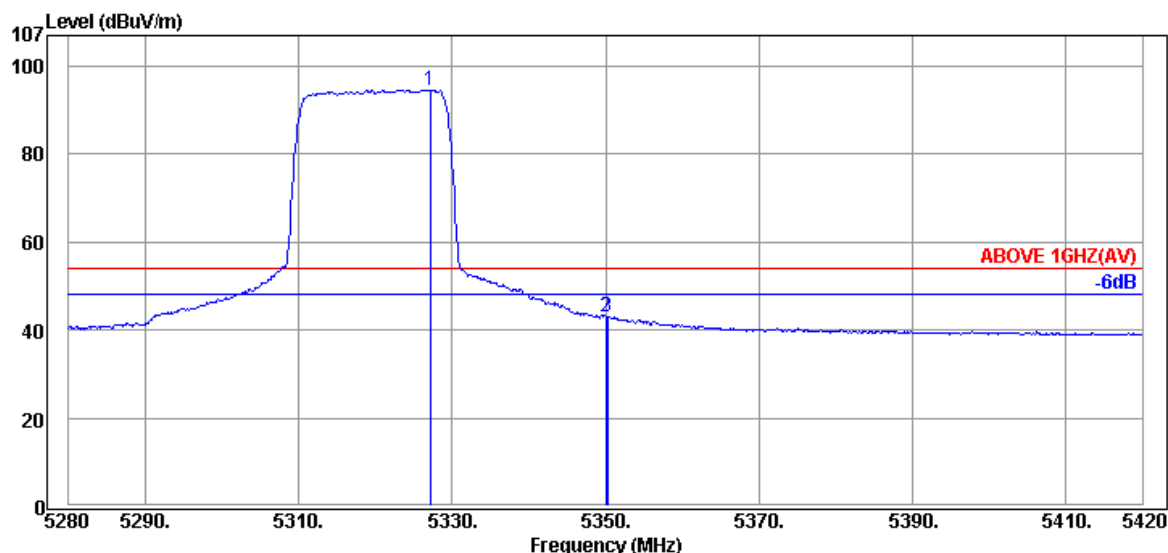
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Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2A
RU Configuration	242/62	Frequency	TX 5310MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5324.66	34.67	10.74	59.54	104.95	---	---	Peak
	5350.00	34.80	10.76	13.17	58.73	74.00	15.27	Peak
	5352.38	34.80	10.76	17.42	62.98	74.00	11.02	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5327.18	34.73	10.75	49.13	94.61	---	---	Average
	5350.00	34.80	10.76	-2.46	43.10	54.00	10.90	Average
	5350.28	34.80	10.76	-2.62	42.94	54.00	11.06	Average

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

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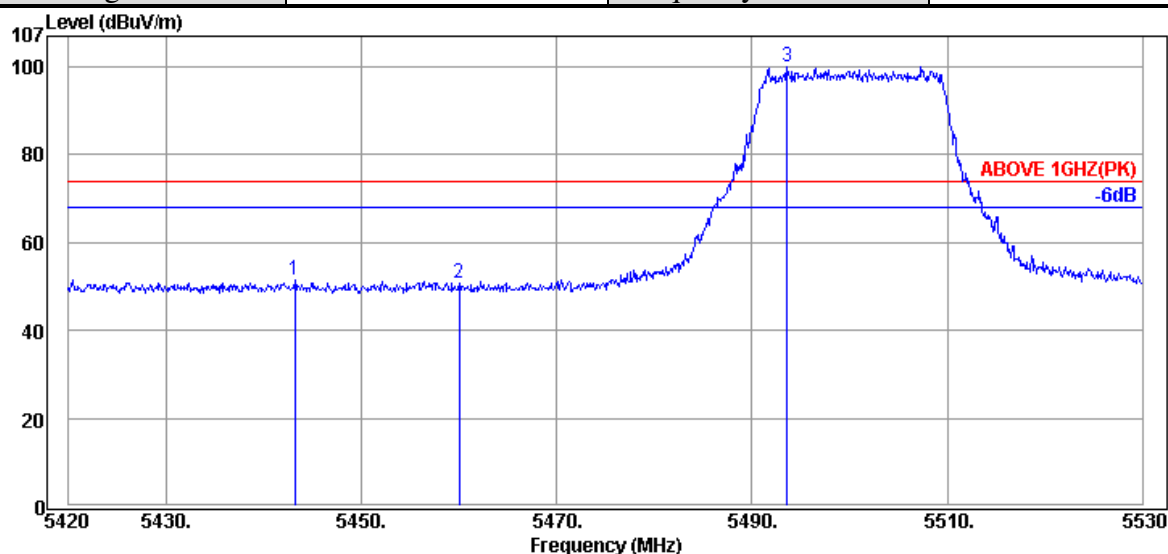
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Tel: +886 2 26099301

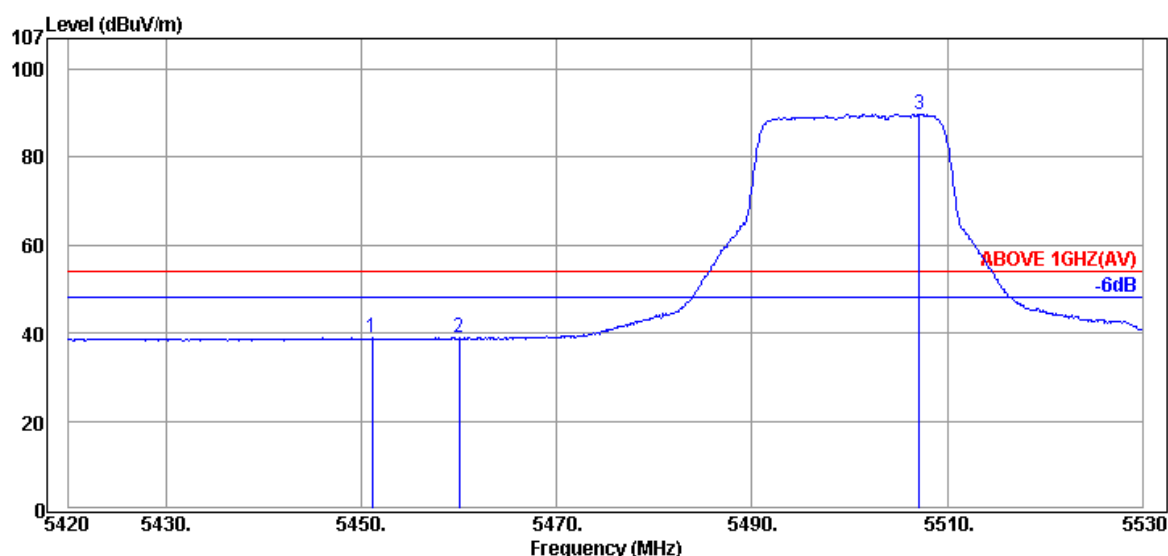
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Mode	802.11ax-HE40	UNII Band	II-2C
RU Configuration	242/61	Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5443.21	34.77	10.83	6.02	51.62	74.00	22.38	Peak
5460.04	34.70	10.84	5.03	50.57	74.00	23.43	Peak
@ 5493.59	34.63	10.87	54.51	100.01	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5451.13	34.70	10.84	-6.64	38.90	54.00	15.10	Average
5460.04	34.70	10.84	-6.71	38.83	54.00	15.17	Average
@ 5507.12	34.60	10.88	44.26	89.74	---	---	Average

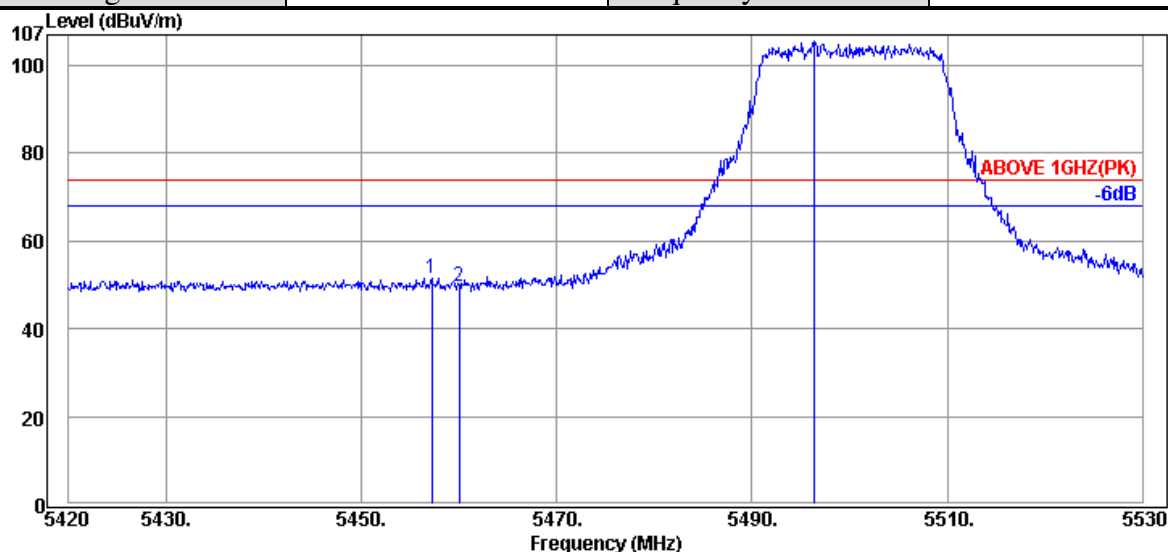
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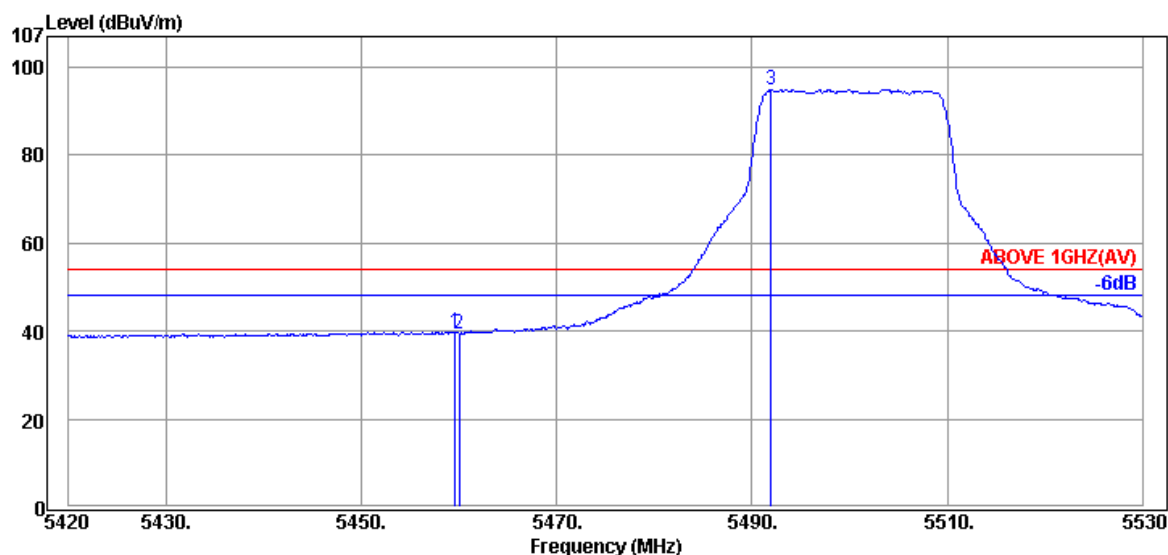
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Mode	802.11ax-HE40	UNII Band	II-2C
RU Configuration	242/61	Frequency	TX 5510MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5457.18	34.70	10.84	6.08	51.62	74.00	22.38	Peak
5460.04	34.70	10.84	4.28	49.82	74.00	24.18	Peak
@ 5496.34	34.63	10.87	59.95	105.45	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.60	34.70	10.84	-5.65	39.89	54.00	14.11	Average
5460.04	34.70	10.84	-6.08	39.46	54.00	14.54	Average
@ 5491.94	34.63	10.87	49.53	95.03	---	---	Average

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

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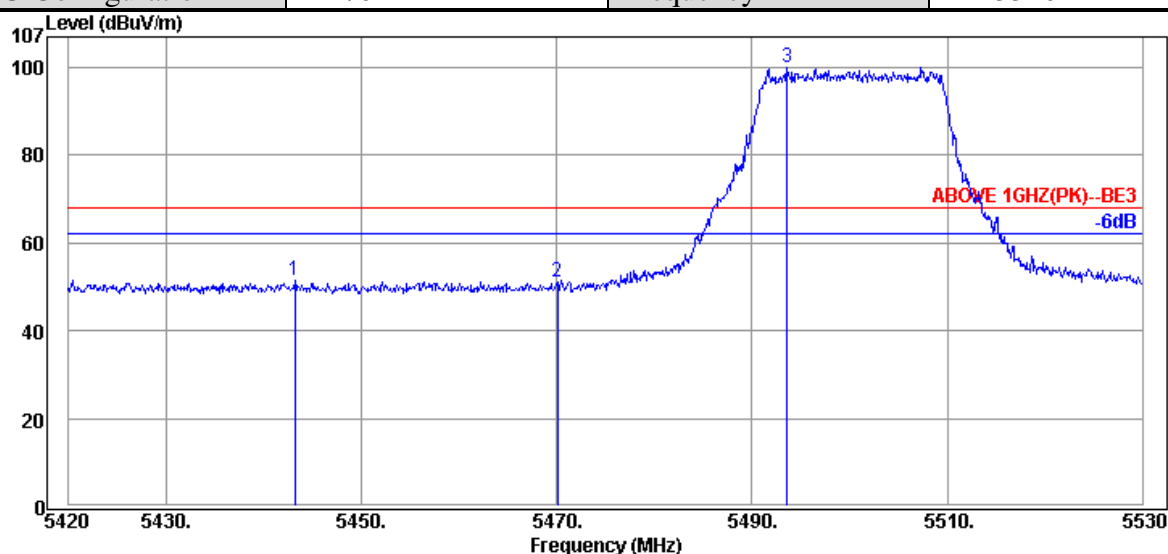
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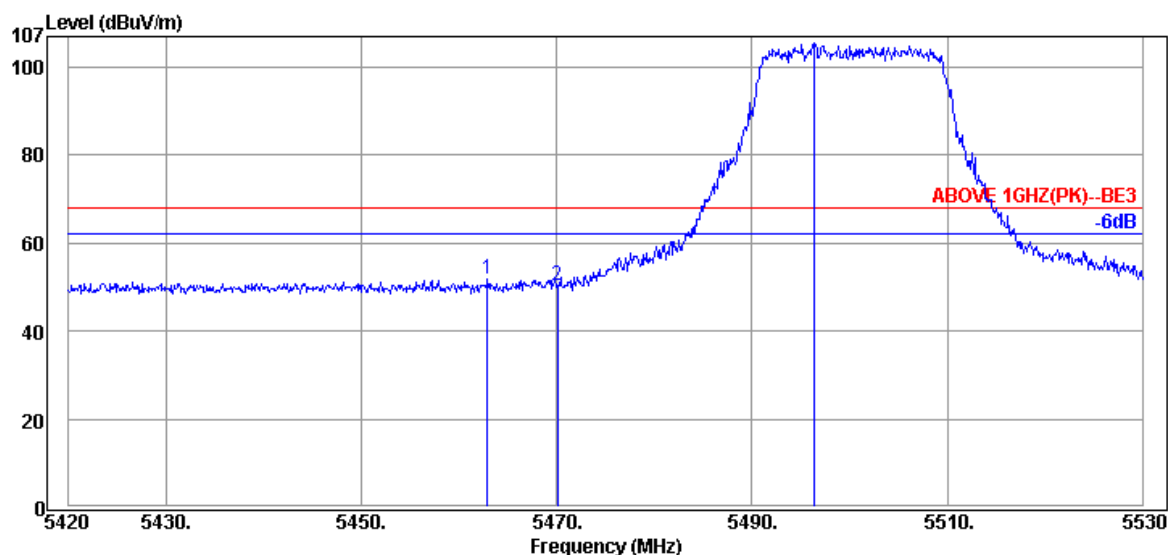
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2C
RU Configuration	242/61	Frequency	TX 5510MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5443.21	34.77	10.83	6.02	51.62	68.20	16.58	Peak
5470.05	34.67	10.85	5.42	50.94	68.20	17.26	Peak
@ 5493.59	34.63	10.87	54.51	100.01	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5462.90	34.67	10.85	6.38	51.90	68.20	16.30	Peak
5470.05	34.67	10.85	4.95	50.47	68.20	17.73	Peak
@ 5496.34	34.63	10.87	59.95	105.45	---	---	Peak

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

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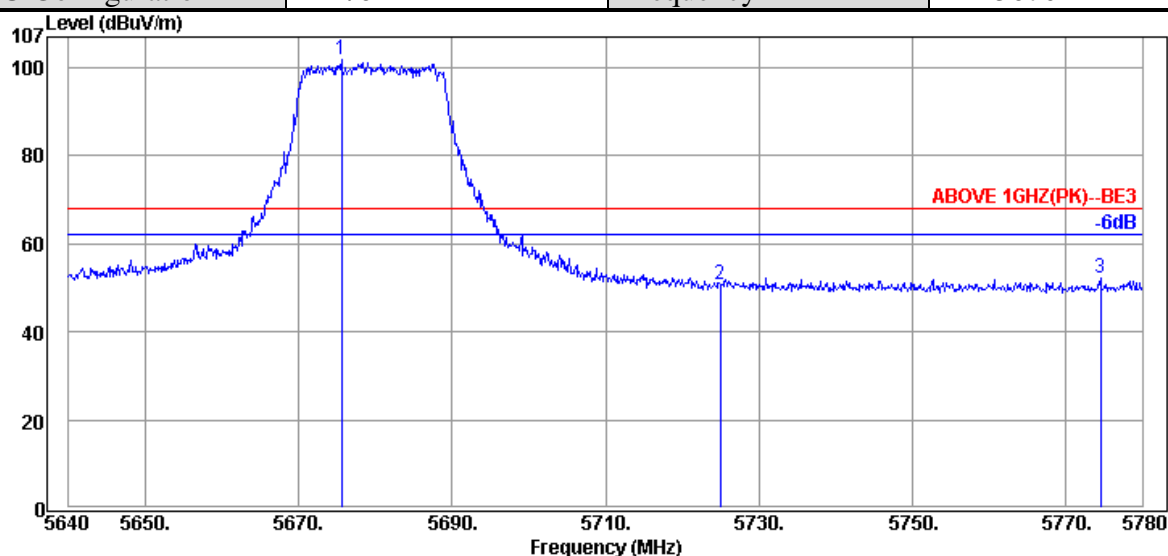
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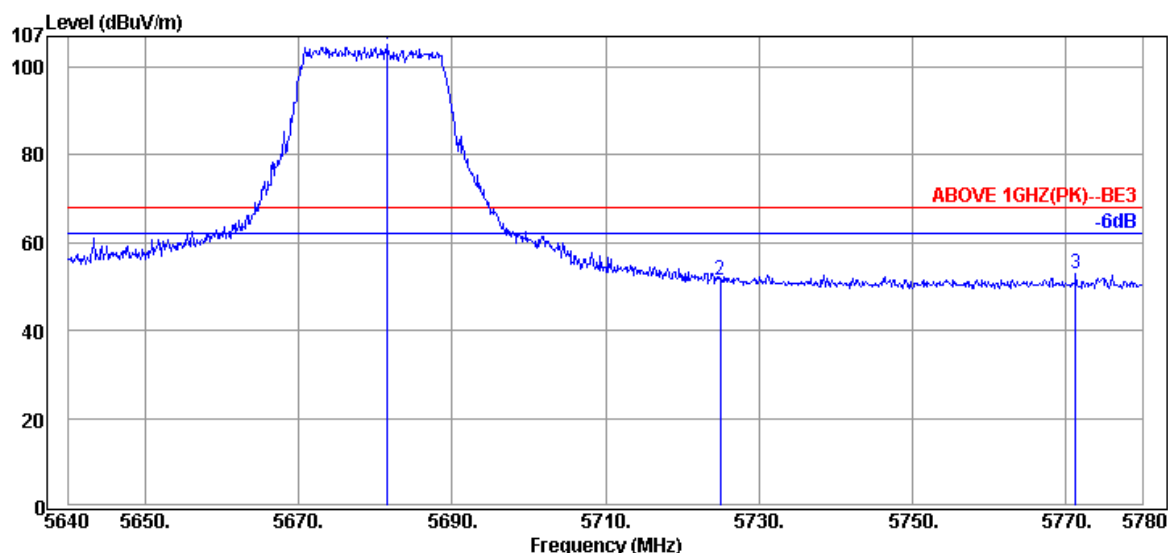
Fax: +886 2 26099303

Mode	802.11ax-HE40	UNII Band	II-2C
RU Configuration	242/62	Frequency	TX 5670MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5675.56	34.85	10.90	55.92	101.67	---	---	Peak
	5724.98	34.83	10.91	5.17	50.91	68.20	17.29	Peak
	5774.54	34.93	10.91	6.54	52.38	68.20	15.82	Peak

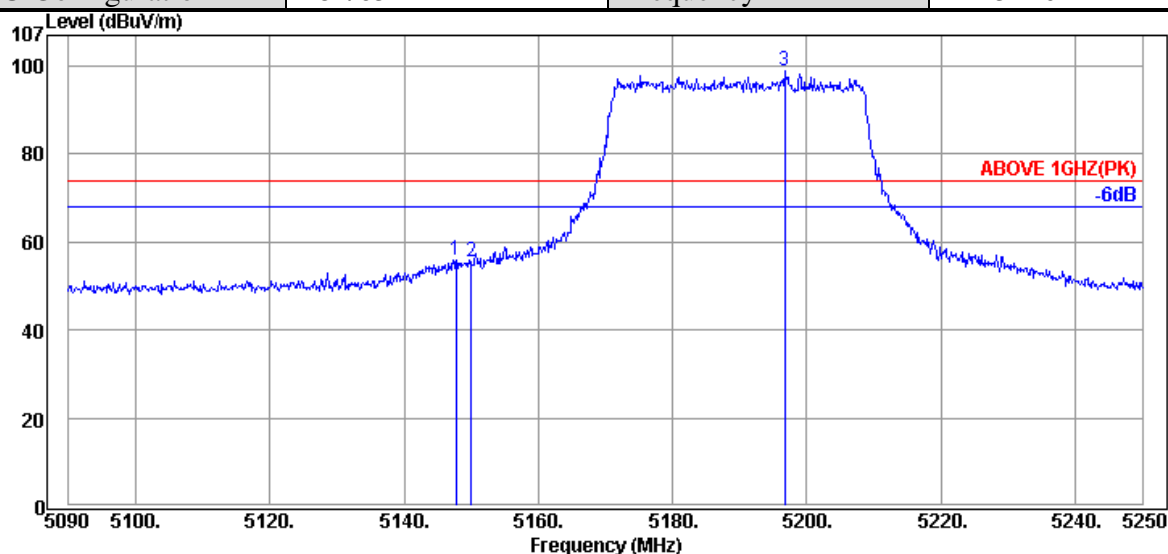


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5681.58	34.85	10.90	59.47	105.22	---	---	Peak
	5724.98	34.83	10.91	5.55	51.29	68.20	16.91	Peak
	5771.32	34.93	10.91	7.08	52.92	68.20	15.28	Peak

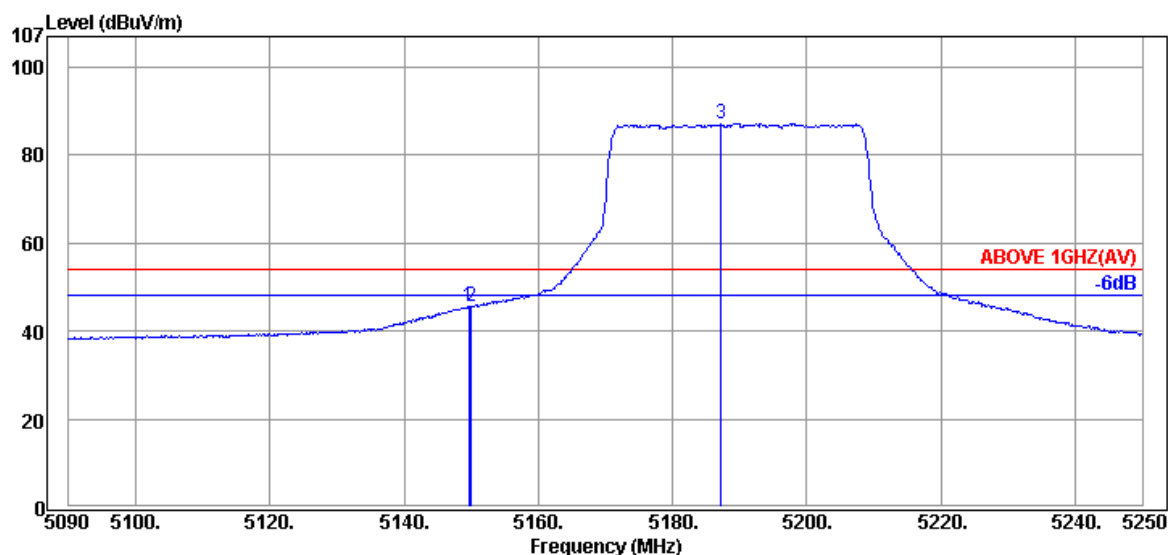
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	UNII Band	I
RU Configuration	484/65	Frequency	TX 5210MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5147.76	34.70	10.61	10.68	55.99	74.00	18.01	Peak
5150.00	34.70	10.61	10.33	55.64	74.00	18.36	Peak
@ 5196.72	34.50	10.65	53.77	98.92	---	---	Peak



Antenna at Horizontal Polarization

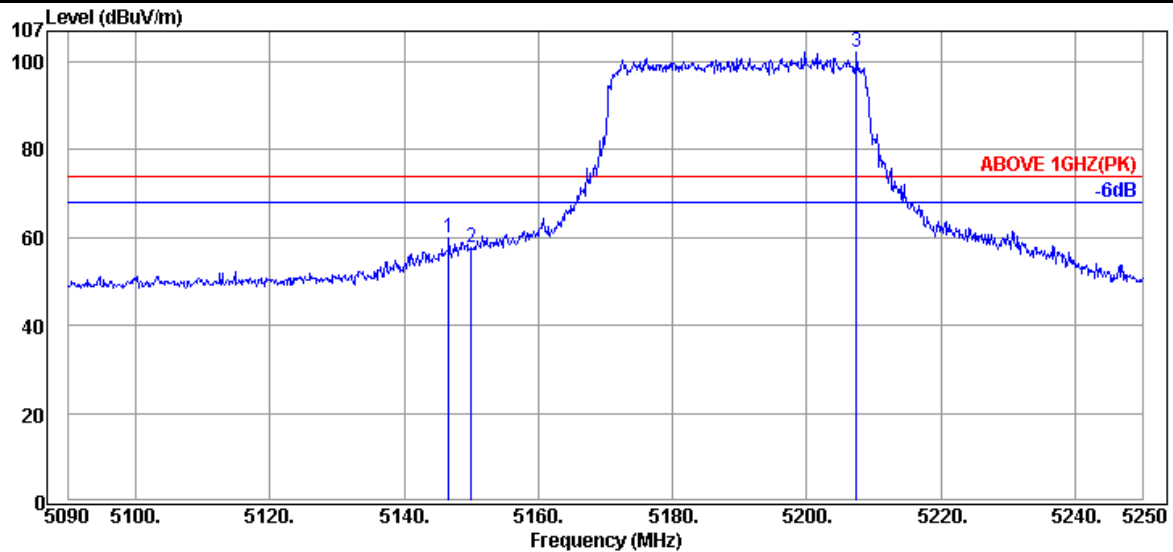
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.68	34.70	10.61	0.32	45.63	54.00	8.37	Average
5150.00	34.70	10.61	0.28	45.59	54.00	8.41	Average
@ 5187.28	34.57	10.63	42.05	87.25	---	---	Average

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

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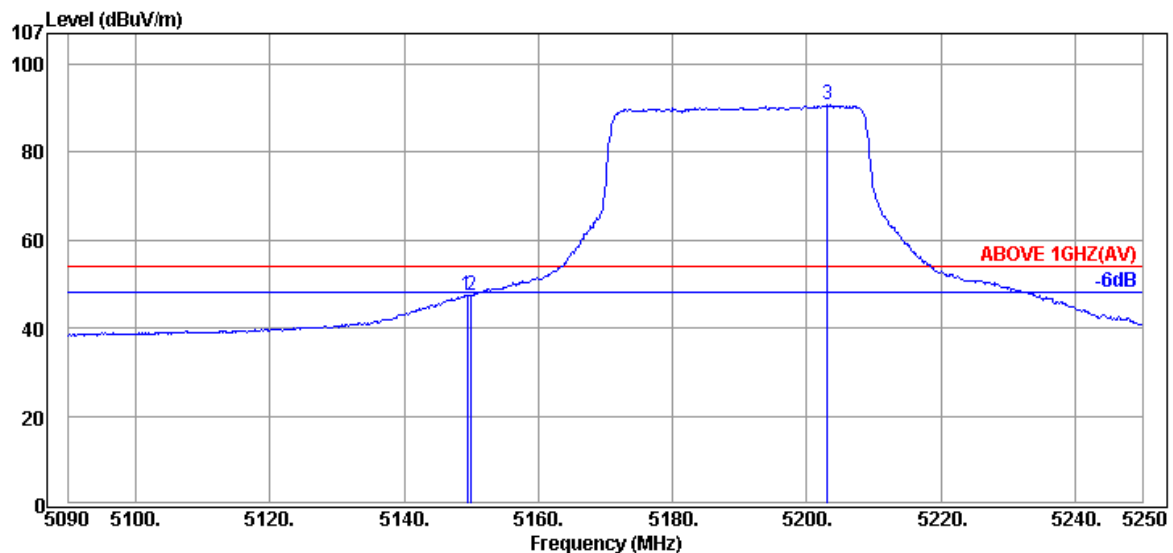
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Fax: +886 2 26099303

Mode	802.11ax-HE80	UNII Band	I
RU Configuration	484/65	Frequency	TX 5210MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.64	34.70	10.61	14.51	59.82	74.00	14.18	Peak
5150.00	34.70	10.61	12.57	57.88	74.00	16.12	Peak
@ 5207.44	34.50	10.65	56.97	102.12	---	---	Peak

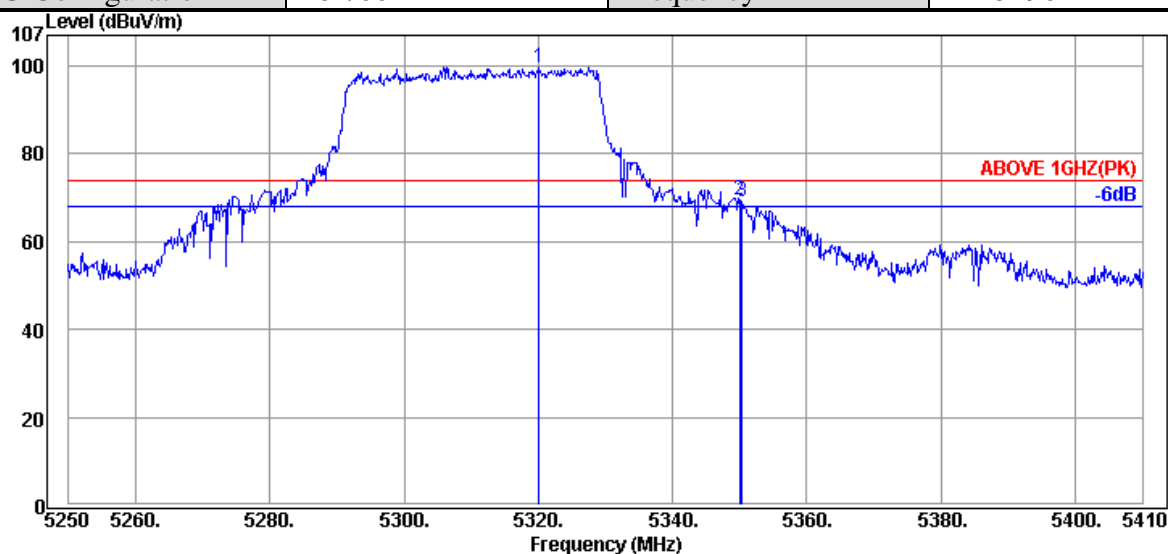


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.36	34.70	10.61	2.18	47.49	54.00	6.51	Average
5150.00	34.70	10.61	2.15	47.46	54.00	6.54	Average
@ 5203.12	34.50	10.65	45.62	90.77	---	---	Average

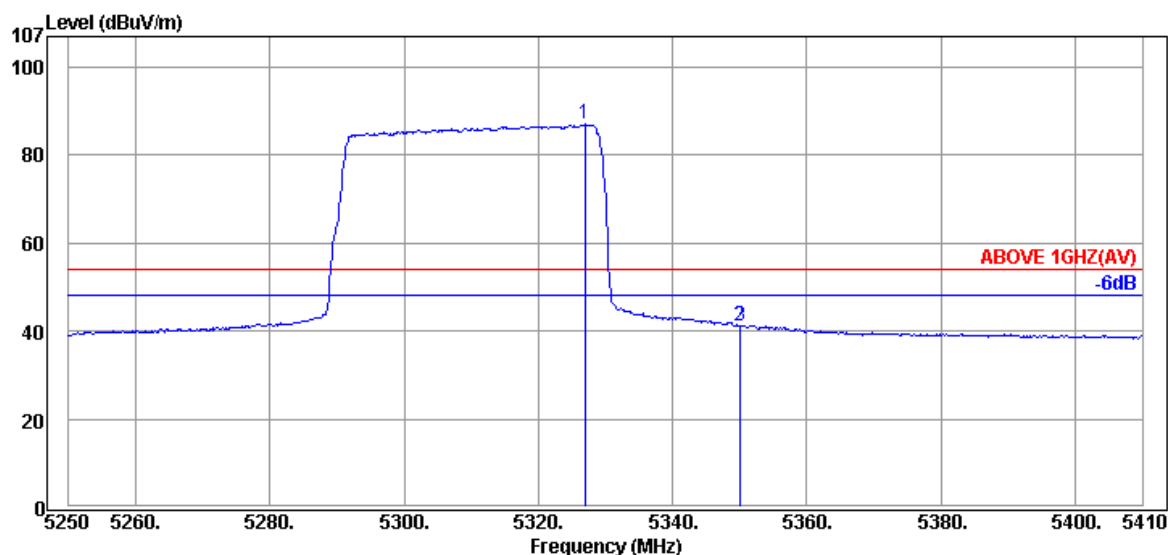
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	UNII Band	II-2A
RU Configuration	484/66	Frequency	TX 5290MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5320.08	34.67	10.74	54.30	99.71	---	---	Peak
5350.00	34.80	10.76	24.05	69.61	74.00	4.39	Peak
5350.32	34.80	10.76	23.52	69.08	74.00	4.92	Peak



Antenna at Horizontal Polarization

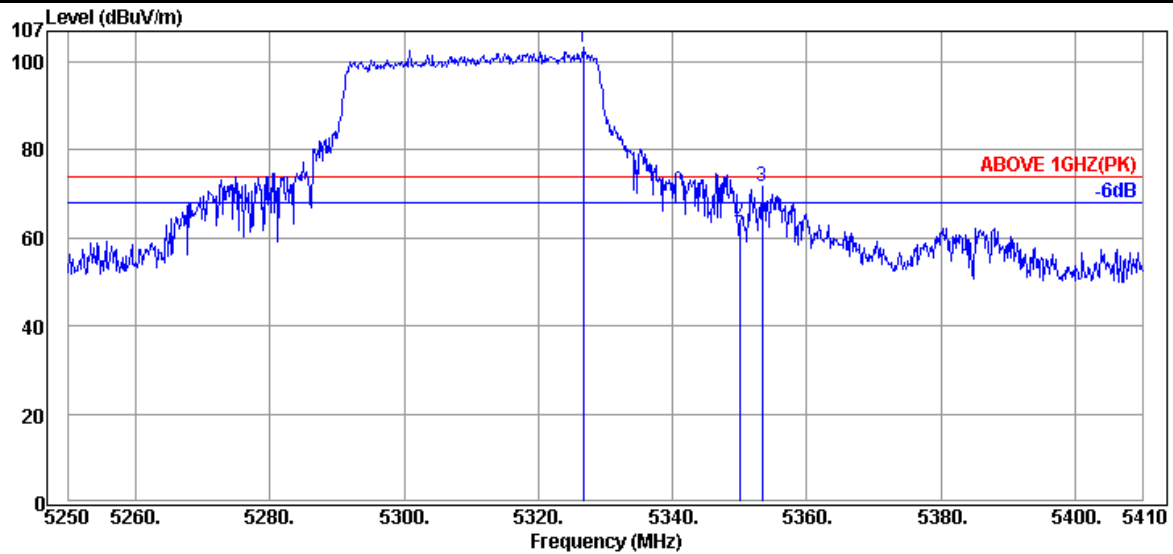
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@ 5326.96	34.73	10.75	41.51	86.99	---	---	Average
5350.00	34.80	10.76	-4.27	41.29	54.00	12.71	Average
5350.16	34.80	10.76	-4.22	41.34	54.00	12.66	Average

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

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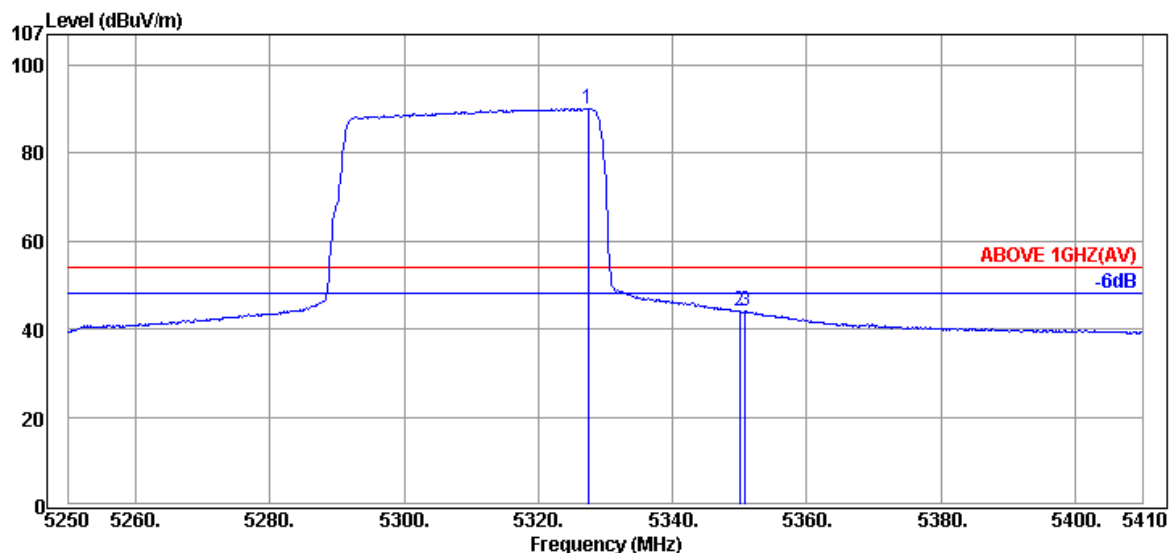
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Mode	802.11ax-HE80	UNII Band	II-2A
RU Configuration	484/66	Frequency	TX 5290MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
@	5326.64	34.73	10.75	57.82	103.30	---	---	Peak
	5350.00	34.80	10.76	18.02	63.58	74.00	10.42	Peak
	5353.36	34.80	10.76	26.00	71.56	74.00	2.44	Peak

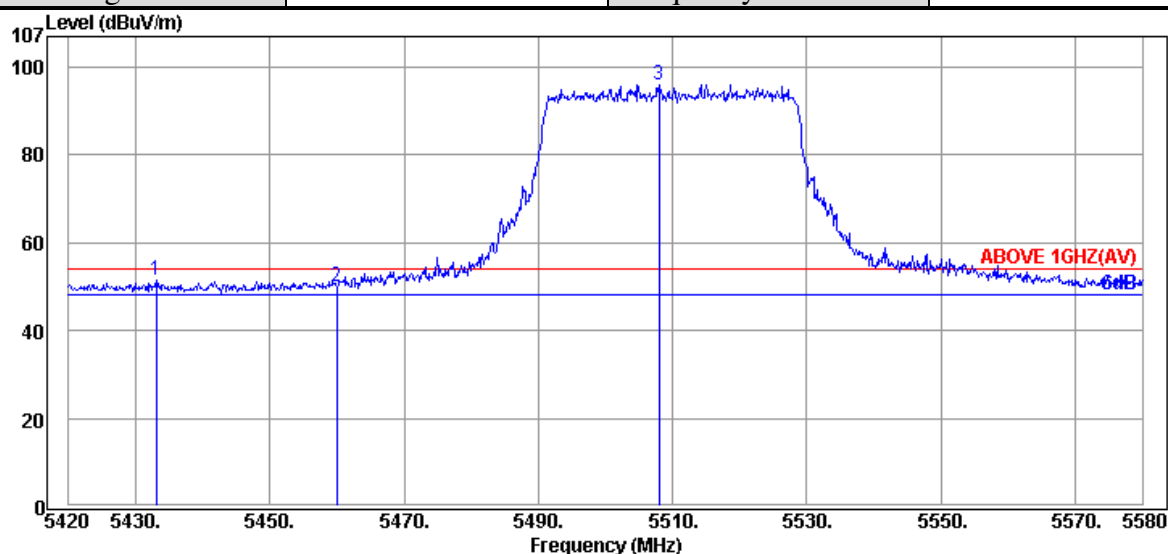


Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBuV)	Emission Level (dBuV/m)	Limits (dBuV/m)	Margin (dB)	Detector
@	5327.44	34.73	10.75	44.59	90.07	---	---	Average
	5350.00	34.80	10.76	-1.62	43.94	54.00	10.06	Average
	5350.80	34.80	10.76	-1.41	44.15	54.00	9.85	Average

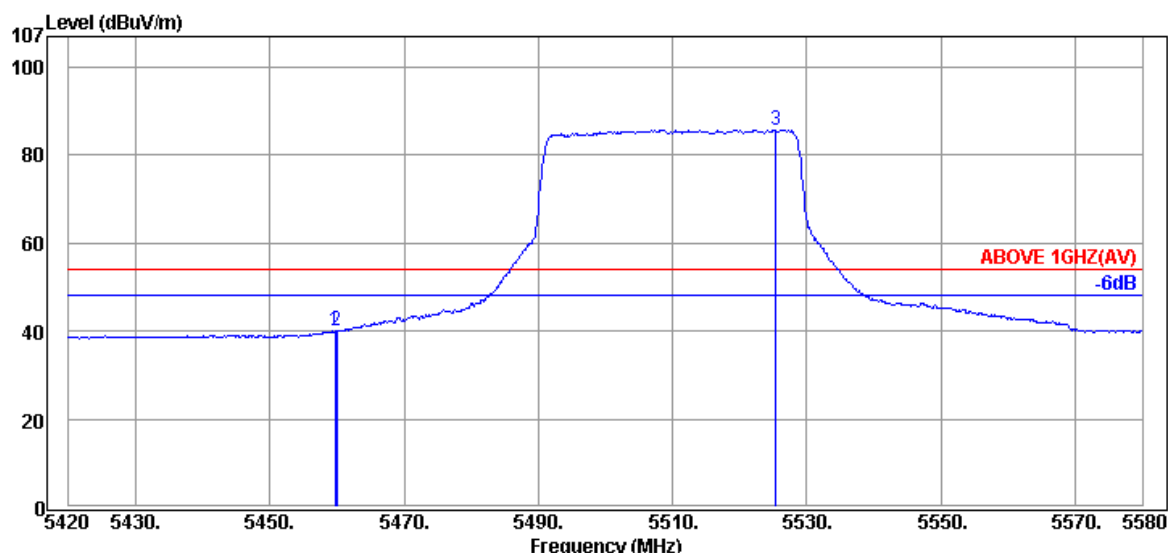
Remark: The "@" means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	UNII Band	II-2C
RU Configuration	484/65	Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5433.12	34.77	10.83	6.04	51.64	74.00	22.36	Peak
5460.00	34.70	10.84	4.54	50.08	74.00	23.92	Peak
@ 5508.00	34.60	10.88	50.63	96.11	---	---	Peak



Antenna at Horizontal Polarization

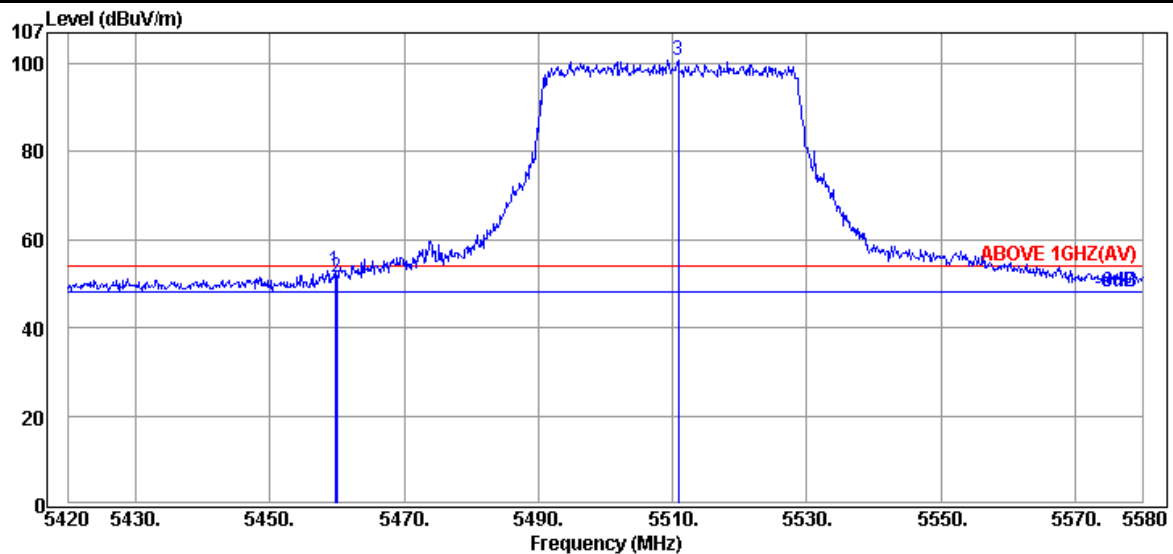
Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.68	34.70	10.84	-5.47	40.07	54.00	13.93	Average
5460.00	34.70	10.84	-5.54	40.00	54.00	14.00	Average
@ 5525.44	34.63	10.88	40.25	85.76	---	---	Average

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

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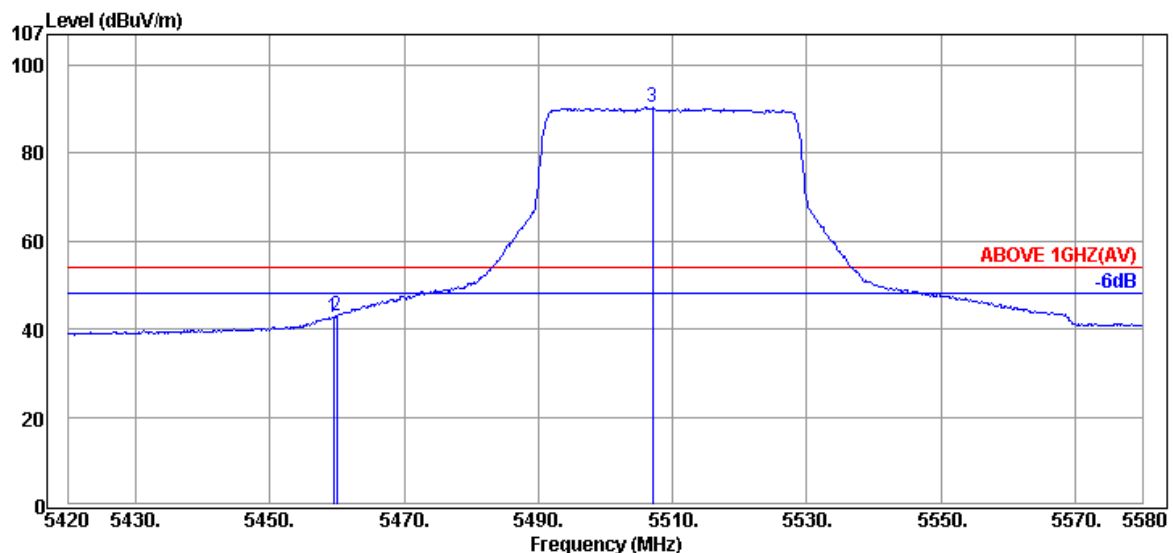
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Fax: +886 2 26099303

Mode	802.11ax-HE80	UNII Band	II-2C
RU Configuration	484/65	Frequency	TX 5530MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.68	34.70	10.84	7.33	52.87	74.00	21.13	Peak
5460.00	34.70	10.84	5.78	51.32	74.00	22.68	Peak
@ 5510.88	34.60	10.88	55.43	100.91	---	---	Peak

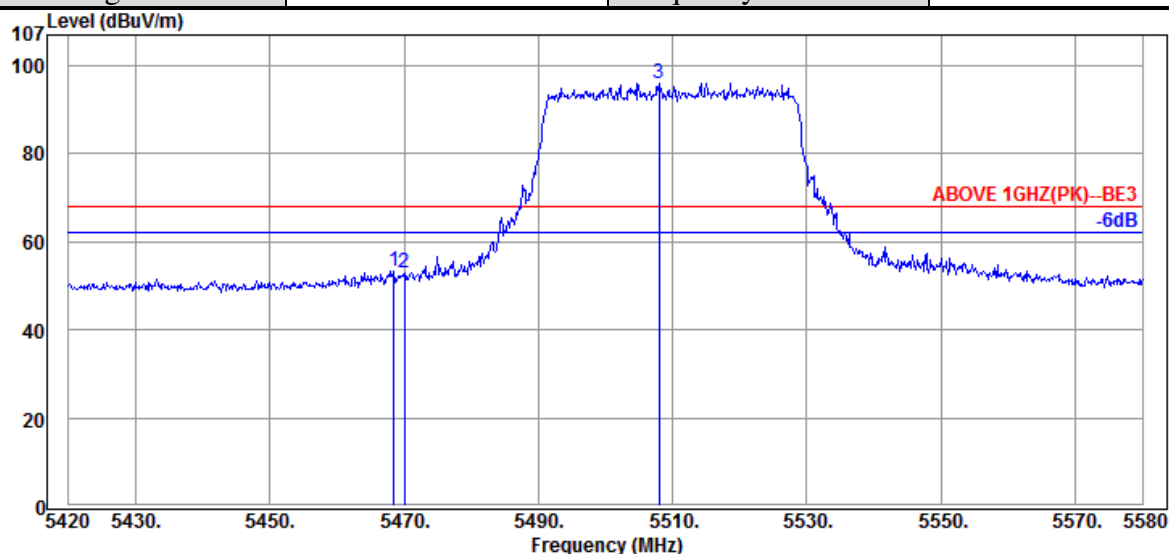


Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.52	34.70	10.84	-2.85	42.69	54.00	11.31	Average
5460.00	34.70	10.84	-2.38	43.16	54.00	10.84	Average
@ 5507.04	34.60	10.88	44.85	90.33	---	---	Average

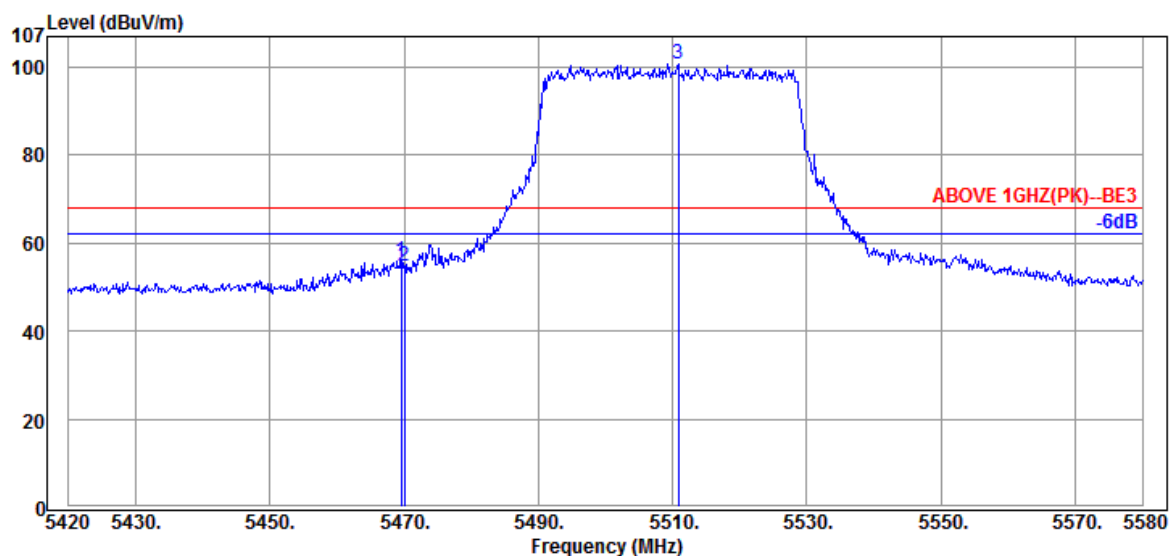
Remark: The “@” means fundamental frequency, it is ignored in this section.

Mode	802.11ax-HE80	UNII Band	II-2C
RU Configuration	484/65	Frequency	TX 5530MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5468.48	34.66	10.86	7.94	53.46	68.20	14.74	Peak
5470.08	34.66	10.86	7.53	53.05	68.20	15.15	Peak
@ 5508.00	34.62	10.88	50.63	96.13	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5469.60	34.66	10.86	10.31	55.83	68.20	12.37	Peak
5470.08	34.66	10.86	9.12	54.64	68.20	13.56	Peak
@ 5510.88	34.62	10.88	55.43	100.93	---	---	Peak

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

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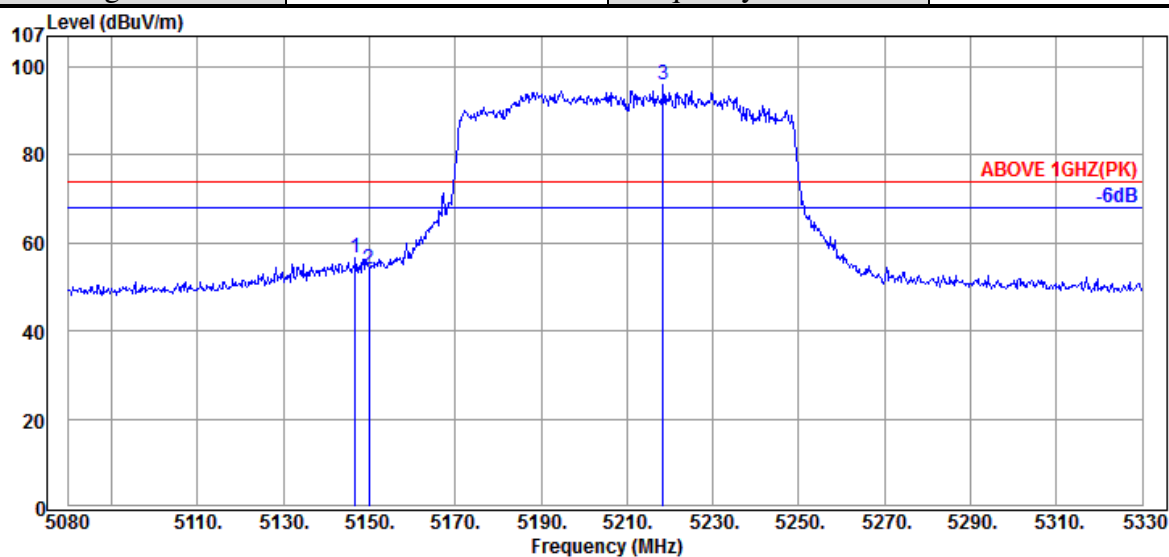
No. 53-11, Dingfu, Linkou, Dist.,

New Taipei City244, Taiwan

Tel: +886 2 26099301

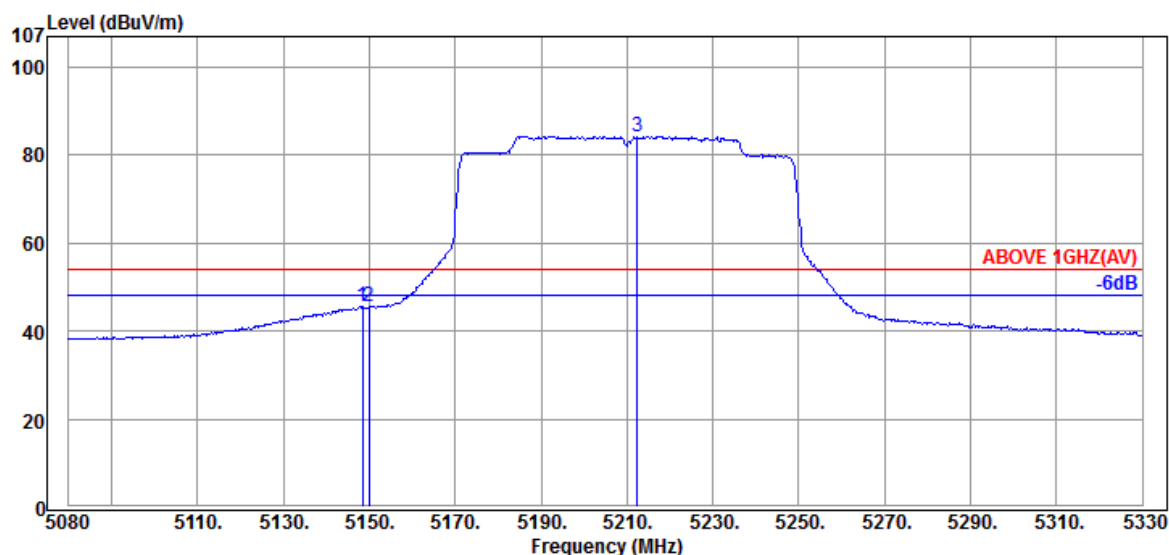
Fax: +886 2 26099303

Mode	802.11ax-HE160	UNII Band	I
RU Configuration	996/67	Frequency	TX 5250MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5146.75	34.70	10.61	11.17	56.48	74.00	17.52	Peak
5150.00	34.70	10.61	8.73	54.04	74.00	19.96	Peak
@ 5218.50	34.50	10.66	50.72	95.88	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.50	34.70	10.61	0.18	45.49	54.00	8.51	Average
5150.00	34.70	10.61	0.19	45.50	54.00	8.50	Average
@ 5212.50	34.50	10.66	39.22	84.38	---	---	Average

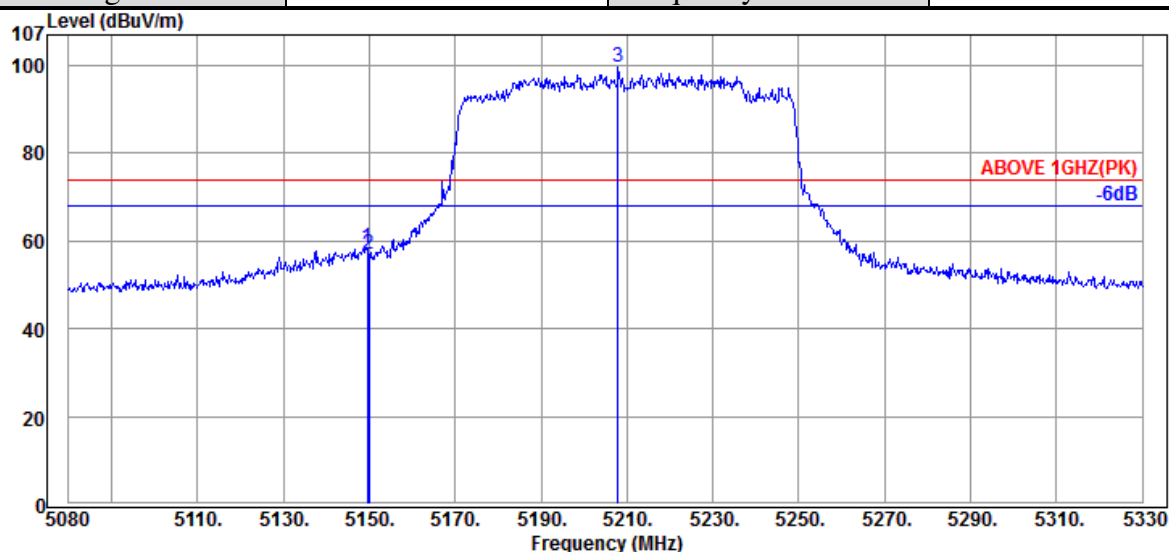
Remark: The “@” means fundamental frequency, it is ignored in this section.

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Report Number: EM-F190341

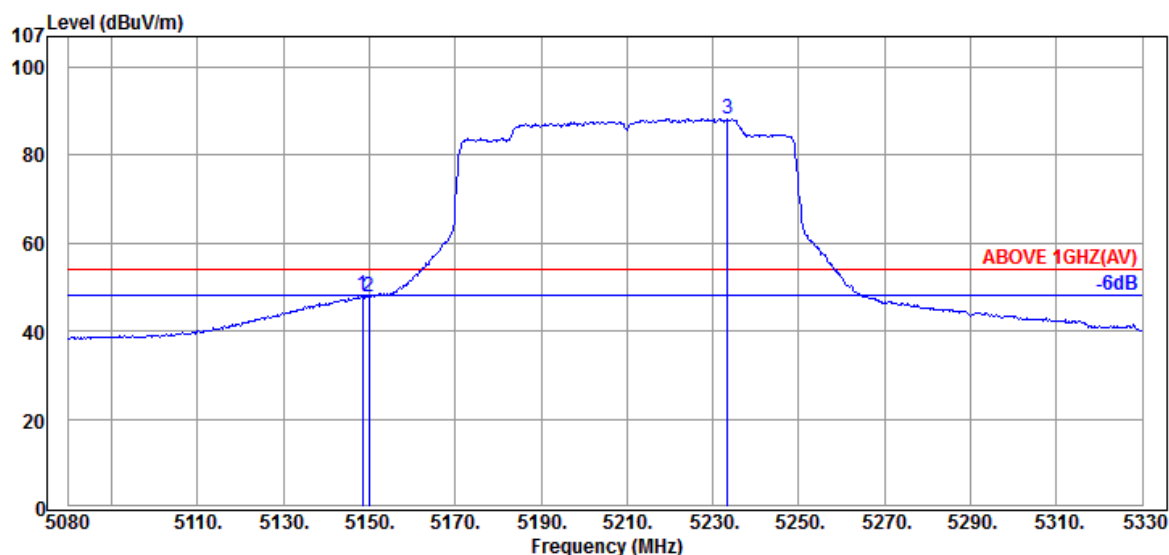
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Mode	802.11ax-HE160	UNII Band	I
RU Configuration	996/67	Frequency	TX 5250MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5149.50	34.70	10.61	13.32	58.63	74.00	15.37	Peak
5150.00	34.70	10.61	11.77	57.08	74.00	16.92	Peak
@ 5208.00	34.50	10.66	54.46	99.62	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5148.50	34.70	10.61	2.77	48.08	54.00	5.92	Average
5150.00	34.70	10.61	2.39	47.70	54.00	6.30	Average
@ 5233.50	34.50	10.67	43.06	88.23	---	---	Average

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

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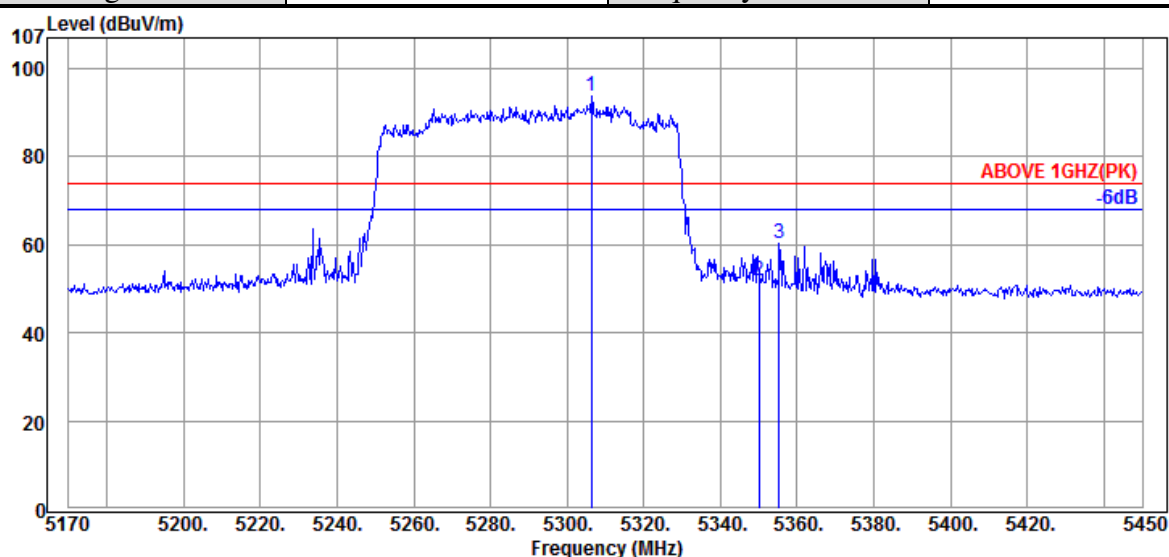
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New Taipei City244, Taiwan

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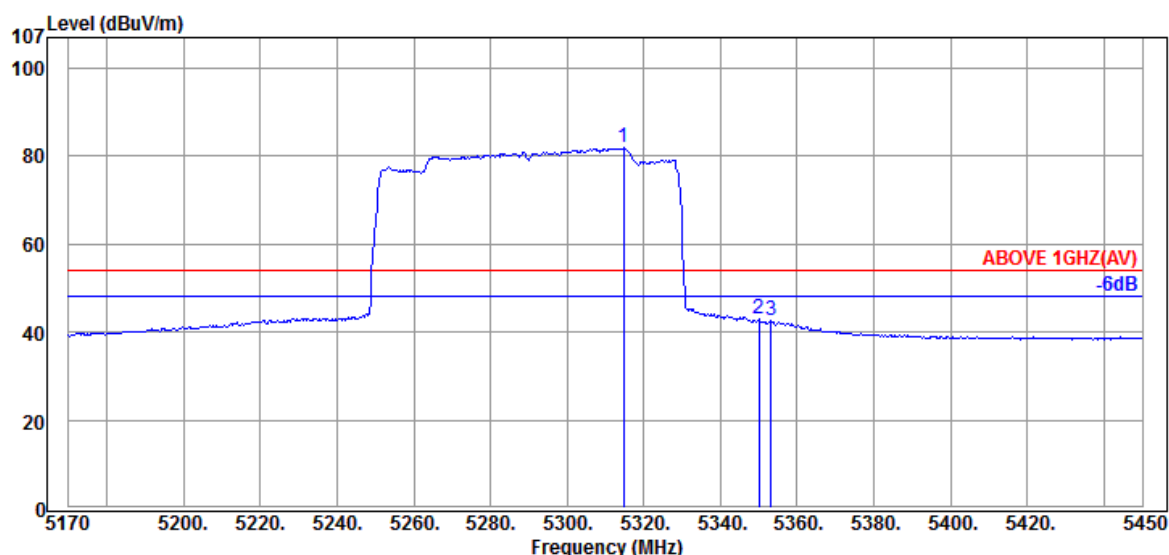
Fax: +886 2 26099303

Mode	802.11ax-HE160	UNII Band	I
RU Configuration	996/S67	Frequency	TX 5250MHz



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5306.36	34.60	10.72	48.54	93.86	---	---	Peak
	5350.04	34.80	10.76	6.26	51.82	74.00	22.18	Peak
	5355.36	34.80	10.76	14.72	60.28	74.00	13.72	Peak



Antenna at Horizontal Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5314.76	34.67	10.74	36.41	81.82	---	---	Average
	5350.04	34.80	10.76	-2.63	42.93	54.00	11.07	Average
	5353.12	34.80	10.76	-2.96	42.60	54.00	11.40	Average

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

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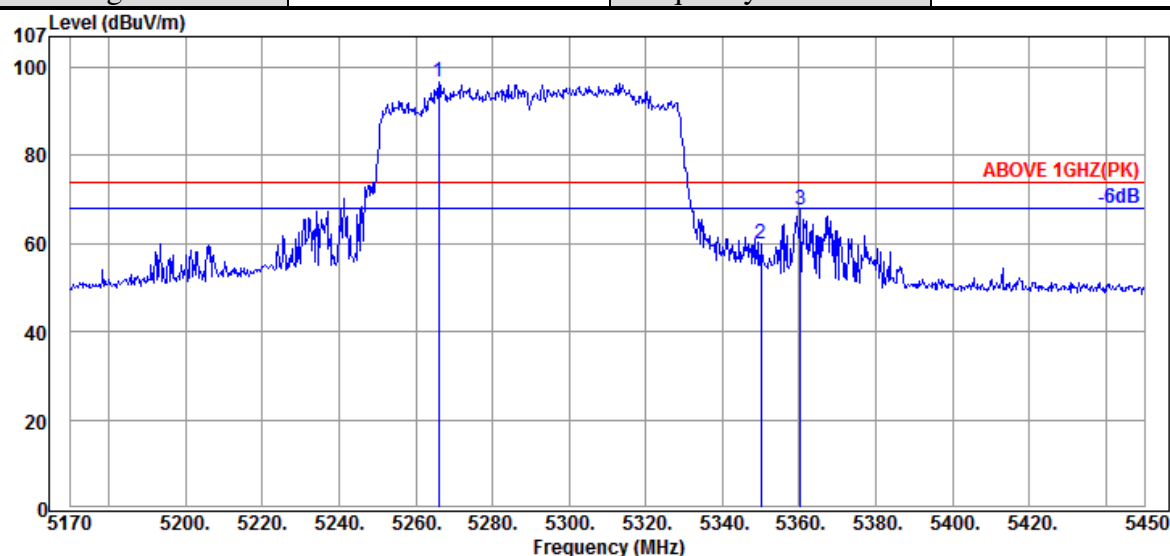
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New Taipei City 244, Taiwan

Tel: +886 2 26099301

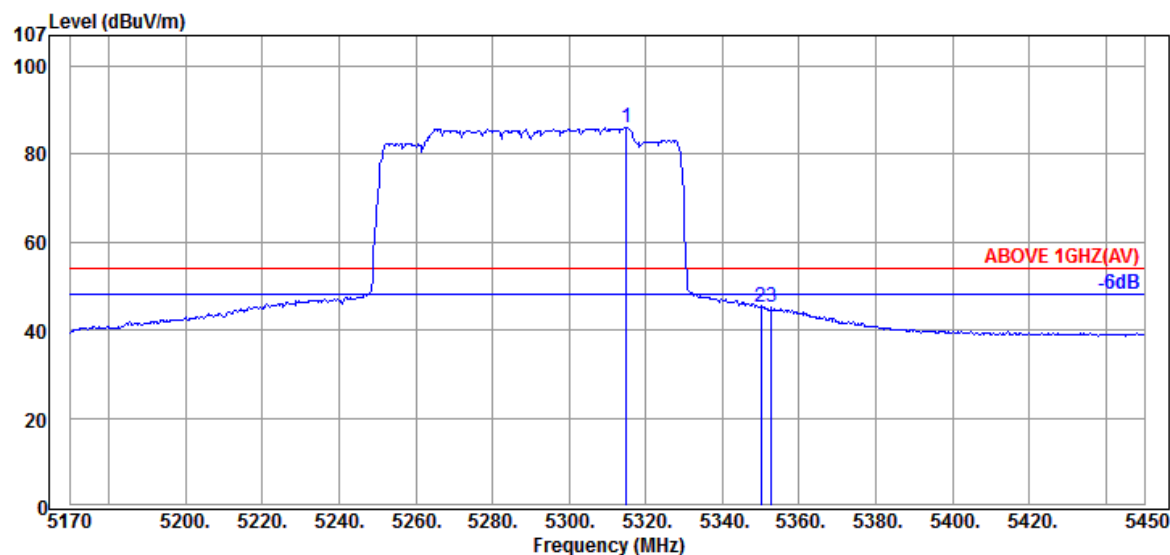
Fax: +886 2 26099303

Mode	802.11ax-HE160	UNII Band	I
RU Configuration	996/S67	Frequency	TX 5250MHz



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5266.04	34.53	10.70	51.47	96.70	---	---	Peak
	5350.04	34.80	10.76	14.36	59.92	74.00	14.08	Peak
	5360.40	34.80	10.76	22.10	67.66	74.00	6.34	Peak



Antenna at Vertical Polarization

	Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
@	5315.04	34.67	10.74	40.60	86.01	---	---	Average
	5350.04	34.80	10.76	-0.28	45.28	54.00	8.72	Average
	5352.84	34.80	10.76	-0.23	45.33	54.00	8.67	Average

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

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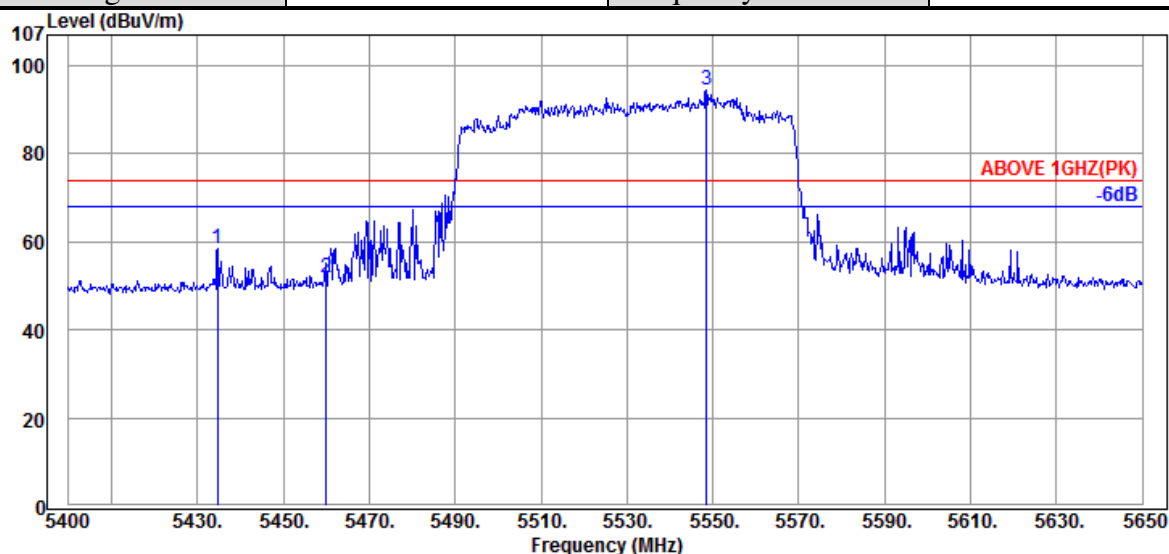
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New Taipei City244, Taiwan

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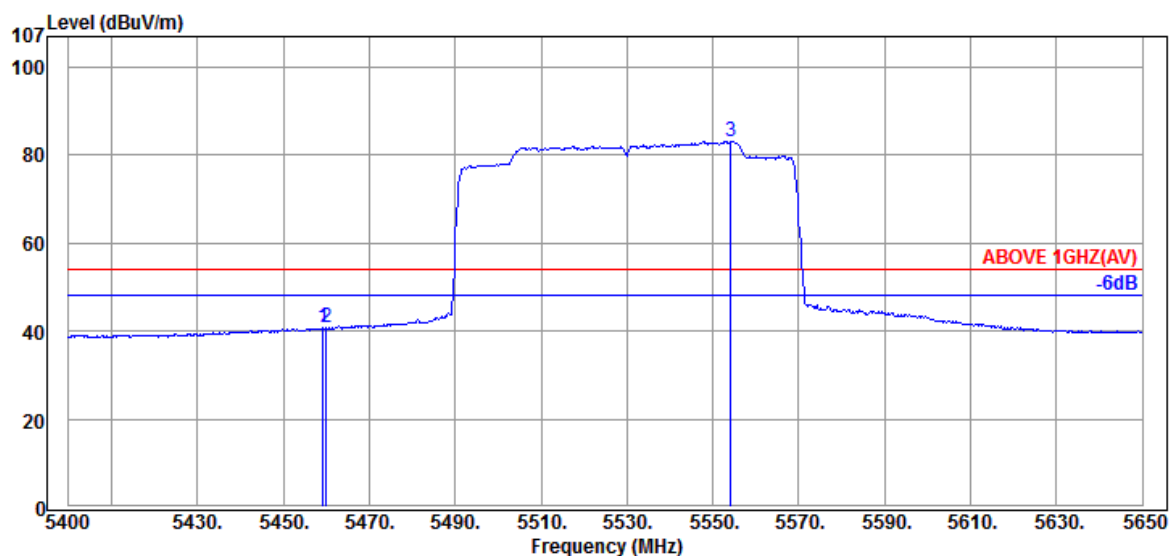
Fax: +886 2 26099303

Mode	802.11ax-HE160	UNII Band	II-2C
RU Configuration	996/67	Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5434.75	34.77	10.83	12.80	58.40	74.00	15.60	Peak
5460.00	34.70	10.84	6.25	51.79	74.00	22.21	Peak
@ 5548.50	34.70	10.89	48.83	94.42	---	---	Peak



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5459.25	34.70	10.84	-4.81	40.73	54.00	13.27	Average
5460.00	34.70	10.84	-4.83	40.71	54.00	13.29	Average
@ 5554.25	34.70	10.89	37.56	83.15	---	---	Average

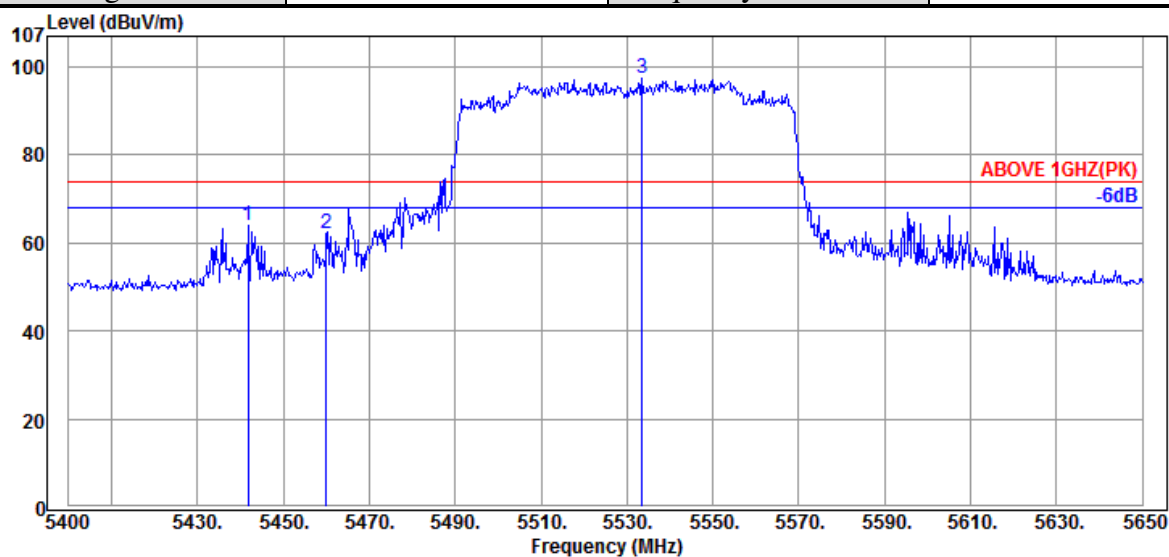
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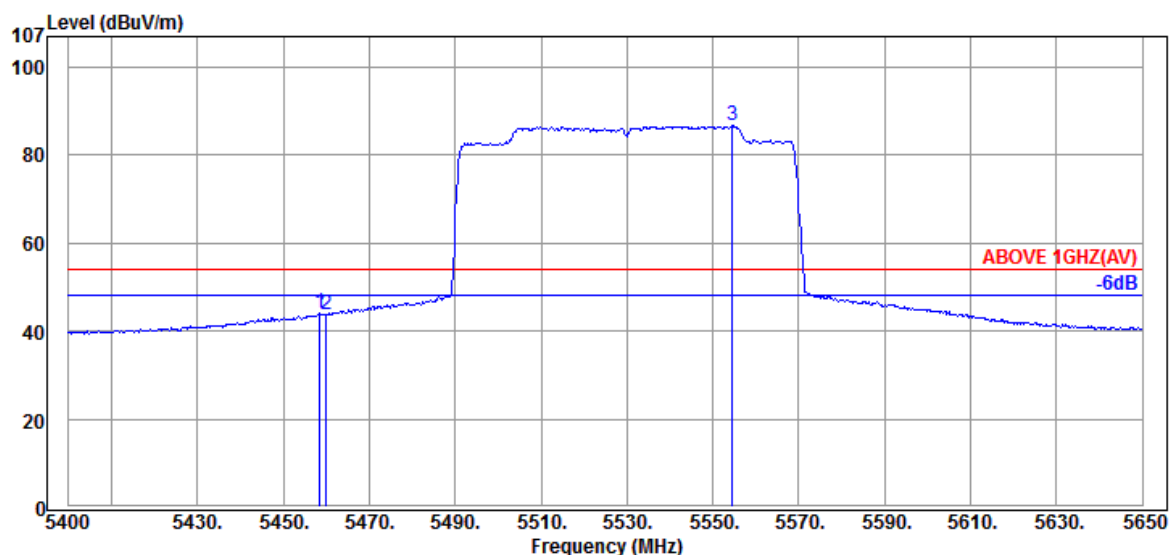
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Mode	802.11ax-HE160	UNII Band	II-2C
RU Configuration	996/67	Frequency	TX 5570MHz



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5441.75	34.77	10.83	18.41	64.01	74.00	9.99	Peak
5460.00	34.70	10.84	16.60	62.14	74.00	11.86	Peak
@ 5533.50	34.67	10.88	52.06	97.61	---	---	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5458.50	34.70	10.84	-1.59	43.95	54.00	10.05	Average
5460.00	34.70	10.84	-1.65	43.89	54.00	10.11	Average
@ 5554.50	34.70	10.89	41.15	86.74	---	---	Average

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

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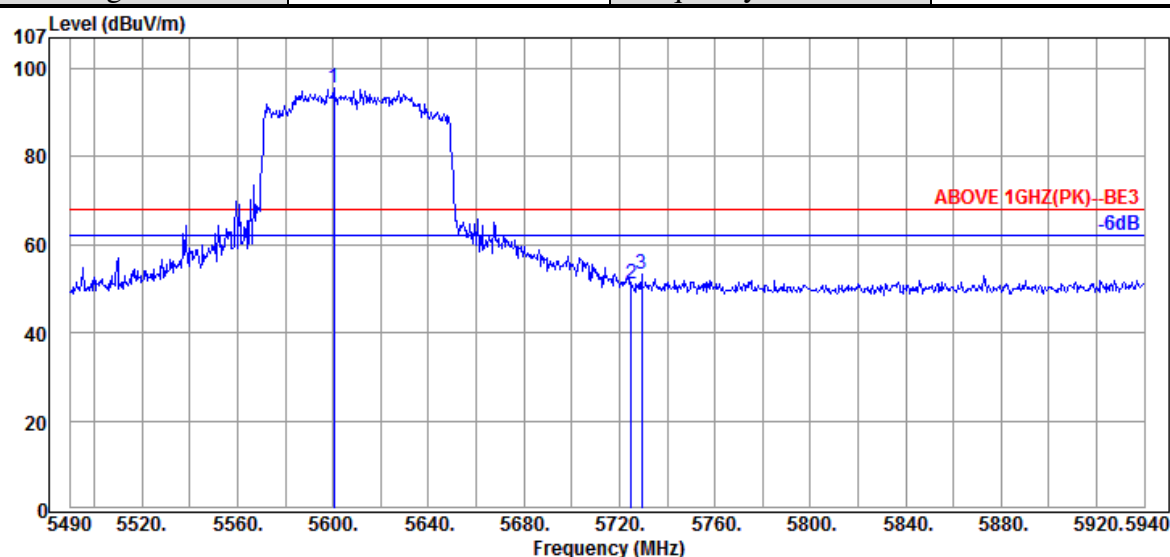
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New Taipei City 244, Taiwan

Tel: +886 2 26099301

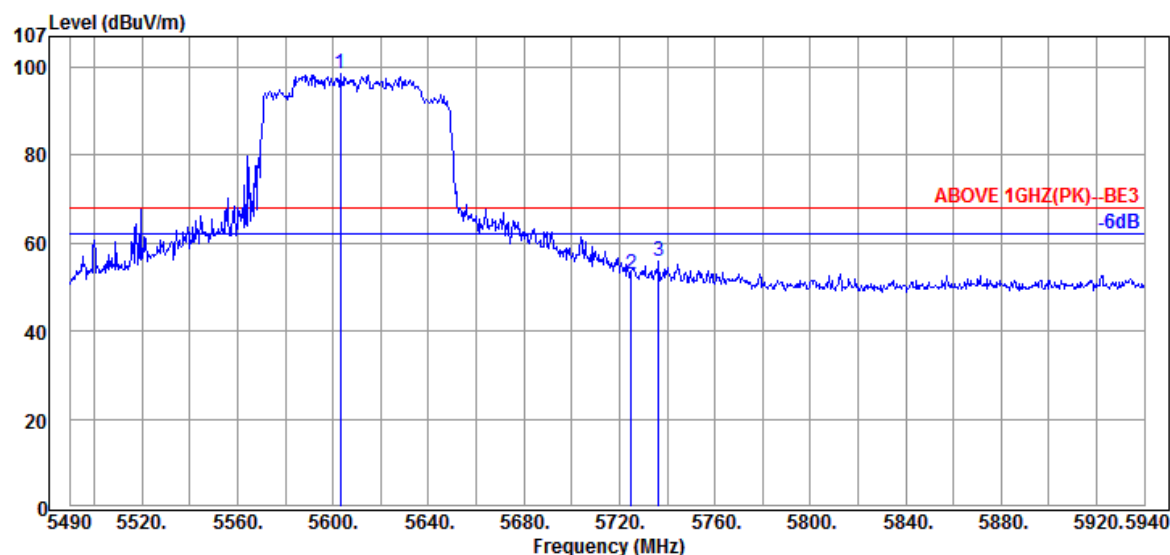
Fax: +886 2 26099303

Mode	802.11ax-HE160	UNII Band	II-2C
RU Configuration	996/S67	Frequency	TX 5570MHz



Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5600.25	34.90	10.89	49.89	95.68	---	---	Peak
5724.90	34.83	10.91	5.29	51.03	68.20	17.17	Peak
@ 5729.40	34.83	10.91	7.46	53.20	68.20	15.00	Peak



Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
5602.95	34.90	10.89	52.68	98.47	---	---	Peak
5724.90	34.83	10.91	7.08	52.82	68.20	15.38	Peak
@ 5736.60	34.80	10.91	10.28	55.99	68.20	12.21	Peak

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

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Report Number: EM-F190341

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A.2.2 Emissions outside the frequency band

The emissions (up to 40GHz) not reported for there is no emission be found.

Test SKU: SKU #1

Mode	802.11a	UNII Band	I
		Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.78	14.85	-3.95	48.68	54.00	5.32	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.78	14.85	-4.29	48.34	54.00	5.66	Peak

Mode	802.11a	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.83	14.86	-3.90	48.79	54.00	5.21	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.83	14.86	-4.37	48.32	54.00	5.68	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11600.00	38.50	15.41	-4.49	49.42	54.00	4.58	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11600.00	38.50	15.41	-4.56	49.35	54.00	4.65	Peak

Mode	802.11a	UNII Band	II-2C
		Frequency	TX 5720MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11440.00	38.43	15.33	-4.25	49.51	54.00	4.49	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11440.00	38.43	15.33	-3.28	50.48	54.00	3.52	Peak

Mode	802.11a	UNII Band	III
		Frequency	TX 5745MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11490.00	38.33	15.35	-4.99	48.69	54.00	5.31	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11490.00	38.33	15.35	-4.68	49.00	54.00	5.00	Peak

Mode	802.11n-HT20	UNII Band	I
		Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.78	14.85	-4.02	48.61	54.00	5.39	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.78	14.85	-4.71	47.92	54.00	6.08	Peak

Mode	802.11n-HT20	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.83	14.86	-4.15	48.54	54.00	5.46	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.83	14.86	-3.31	49.38	54.00	4.62	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.13	15.20	-3.75	49.58	54.00	4.42	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.13	15.20	-4.99	48.34	54.00	5.66	Peak

Mode	802.11n-HT20	UNII Band	II-2C
		Frequency	TX 5720MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11440.00	38.43	15.33	-5.13	48.63	54.00	5.37	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11440.00	38.43	15.33	-4.92	48.84	54.00	5.16	Peak

Mode	802.11n-HT20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.43	15.39	-3.42	50.40	54.00	3.60	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11570.00	38.43	15.39	-4.30	49.52	54.00	4.48	Peak

Mode	802.11n-HT40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10460.00	37.75	14.83	-4.31	48.27	54.00	5.73	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10460.00	37.75	14.83	-4.57	48.01	54.00	5.99	Peak

Mode	802.11n-HT40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10540.00	37.87	14.87	-3.65	49.09	54.00	4.91	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10540.00	37.87	14.87	-2.76	49.98	54.00	4.02	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5670MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11340.00	38.30	15.28	-4.96	48.62	54.00	5.38	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11340.00	38.30	15.28	-5.30	48.28	54.00	5.72	Peak

Mode	802.11n-HT40	UNII Band	II-2C
		Frequency	TX 5710MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11420.00	38.47	15.32	-5.22	48.57	54.00	5.43	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11420.00	38.47	15.32	-5.49	48.30	54.00	5.70	Peak

Mode	802.11n-HT40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.47	15.40	-4.41	49.46	54.00	4.54	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.47	15.40	-4.39	49.48	54.00	4.52	Peak

Mode	802.11ac-VHT80	UNII Band	I
		Frequency	TX 5210MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.72	14.81	-4.61	47.92	54.00	6.08	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.72	14.81	-3.76	48.77	54.00	5.23	Peak

Mode	802.11ac-VHT80	UNII Band	II-2A
		Frequency	TX 5290MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10580.00	37.97	14.90	-5.52	47.35	54.00	6.65	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10580.00	37.97	14.90	-4.52	48.35	54.00	5.65	Peak

Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5610MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11220.00	38.12	15.22	-5.23	48.11	54.00	5.89	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11220.00	38.12	15.22	-4.89	48.45	54.00	5.55	Peak

Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11380.00	38.45	15.30	-5.11	48.64	54.00	5.36	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11380.00	38.45	15.30	-4.70	49.05	54.00	4.95	Peak

Mode	802.11ac-VHT80	UNII Band	III
		Frequency	TX 5775MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11550.00	38.40	15.38	-4.30	49.48	54.00	4.52	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11550.00	38.40	15.38	-4.00	49.78	54.00	4.22	Peak

Mode	802.11ac-VHT160	UNII Band	I
		Frequency	TX 5250MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10500.00	37.80	14.85	-4.72	47.93	54.00	6.07	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10500.00	37.80	14.85	-4.74	47.91	54.00	6.09	Peak

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Mode	802.11ac-VHT160	UNII Band	II-2C
		Frequency	TX 5570MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11140.00	38.17	15.18	-4.90	48.45	54.00	5.55	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11140.00	38.17	15.18	-3.48	49.87	54.00	4.13	Peak

Mode	802.11ax-HE20	UNII Band	I
		Frequency	TX 5240MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.78	14.85	-4.12	48.51	54.00	5.49	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10480.00	37.78	14.85	-4.59	48.04	54.00	5.96	Peak

Mode	802.11ax-HE20	UNII Band	II-2A
		Frequency	TX 5260MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.83	14.86	-4.38	48.31	54.00	5.69	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10520.00	37.83	14.86	-4.46	48.23	54.00	5.77	Peak

Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5580MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.13	15.20	-4.47	48.86	54.00	5.14	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11160.00	38.13	15.20	-3.75	49.58	54.00	4.42	Peak

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Mode	802.11ax-HE20	UNII Band	II-2C
		Frequency	TX 5720MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11440.00	38.43	15.33	-5.69	48.07	54.00	5.93	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11440.00	38.43	15.33	-4.98	48.78	54.00	5.22	Peak

Mode	802.11ax-HE20	UNII Band	III
		Frequency	TX 5785MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.47	15.40	-5.95	47.92	54.00	6.08	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.47	15.40	-5.30	48.57	54.00	5.43	Peak

Mode	802.11ax-HE40	UNII Band	I
		Frequency	TX 5230MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10460.00	37.75	14.83	-4.68	47.90	54.00	6.10	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10460.00	37.75	14.83	-4.09	48.49	54.00	5.51	Peak

Mode	802.11ax-HE40	UNII Band	II-2A
		Frequency	TX 5270MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10540.00	37.87	14.87	-3.75	48.99	54.00	5.01	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10540.00	37.87	14.87	-4.06	48.68	54.00	5.32	Peak

Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5670MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11340.00	38.30	15.28	-5.27	48.31	54.00	5.69	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11340.00	38.30	15.28	-5.71	47.87	54.00	6.13	Peak

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Mode	802.11ax-HE40	UNII Band	II-2C
		Frequency	TX 5710MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11420.00	38.47	15.32	-5.69	48.10	54.00	5.90	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11420.00	38.47	15.32	-5.53	48.26	54.00	5.74	Peak

Mode	802.11ax-HE40	UNII Band	III
		Frequency	TX 5795MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.47	15.40	-5.03	48.84	54.00	5.16	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11590.00	38.47	15.40	-4.21	49.66	54.00	4.34	Peak

Mode	802.11ax-HE80	UNII Band	I
		Frequency	TX 5210MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.72	14.81	-3.95	48.58	54.00	5.42	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10420.00	37.72	14.81	-3.95	48.58	54.00	5.42	Peak

Mode	802.11ax-HE80	UNII Band	II-2A
		Frequency	TX 5290MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10580.00	37.97	14.90	-3.94	48.93	54.00	5.07	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10580.00	37.97	14.90	-4.13	48.74	54.00	5.26	Peak

Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5610MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11220.00	38.12	15.22	-5.01	48.33	54.00	5.67	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11220.00	38.12	15.22	-4.82	48.52	54.00	5.48	Peak

Mode	802.11ax-HE80	UNII Band	II-2C
		Frequency	TX 5690MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11380.00	38.45	15.30	-5.83	47.92	54.00	6.08	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11380.00	38.45	15.30	-5.09	48.66	54.00	5.34	Peak

Mode	802.11ax-HE80	UNII Band	III
		Frequency	TX 5775MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11550.00	38.40	15.38	-4.32	49.46	54.00	4.54	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11550.00	38.40	15.38	-3.89	49.89	54.00	4.11	Peak

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		Frequency	TX 5250MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10500.00	37.80	14.85	-4.85	47.80	54.00	6.20	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
10500.00	37.80	14.85	-4.57	48.08	54.00	5.92	Peak

Mode	802.11ax-HE160	UNII Band	II-2C
		Frequency	TX 5570MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11140.00	38.17	15.18	-4.26	49.09	54.00	4.91	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11140.00	38.17	15.18	-5.34	48.01	54.00	5.99	Peak

Test SKU: SKU #2

Mode	802.11ac-VHT80	UNII Band	II-2C
		Frequency	TX 5690MHz

Antenna at Horizontal Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11380.00	38.45	15.30	-3.42	50.33	54.00	3.67	Peak

Antenna at Vertical Polarization

Emission Frequency (MHz)	Antenna Factor (dB/m)	Cable Loss (dB)	Meter Reading (dBμV)	Emission Level (dBμV/m)	Limits (dBμV/m)	Margin (dB)	Detector
11380.00	38.45	15.30	-4.51	49.24	54.00	4.76	Peak

A.2.3 Emissions in Non-restricted Frequency Bands

Pursuant to KDB 789033 D02 General UNII Test Procedures New Rules v02r01 that emission levels below the 15.209 general radiated emissions limits is not required.

A.3 26dB/6dB BANDWIDTH

Test Date	2019/09/23~10/3	Temp./Hum.	24°C/57%
Cable Loss	1.00	Tested By	Martin Chen
Test Voltage	AC 120V 60Hz (Via AC Adapter)	Test Model	15Z90N

A.3.1 26dB/6dB Bandwidth Result

● For 26dB Bandwidth

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	I	5180	22.81	16.805	Reference only
		5200	22.97	16.807	
		5240	23.88	16.796	
	II-2A	5260	23.28	16.823	
		5300	22.95	16.805	
		5320	22.65	16.803	
	II-2C	5500	23.54	16.807	
		5580	23.23	16.767	
		5700	23.08	16.870	
		5720	23.04	16.830	
802.11n-HT20	I	5180	23.71	17.979	Reference only
		5200	23.62	17.944	
		5240	23.07	18.056	
	II-2A	5260	23.53	17.940	
		5300	23.70	17.984	
		5320	23.51	17.953	
	II-2C	5500	23.87	18.008	
		5580	25.08	17.995	
		5700	24.13	17.941	
		5720	24.57	18.035	

Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11n-HT40	I	5190	43.90	36.525	Reference only
		5230	44.43	36.413	
	II-2A	5270	44.39	36.422	
		5310	43.23	36.372	
	II-2C	5510	43.15	36.419	
		5550	42.94	36.401	
		5670	43.38	36.409	
		5710	42.80	36.408	
802.11ac-VHT80	I	5210	83.82	75.168	Reference only
	II-2A	5290	84.27	75.078	
	II-2C	5530	84.12	75.110	
		5610	83.55	75.154	
		5690	83.09	75.118	
802.11ac-VHT160	I	5250	163.50	153.050	Reference only
	II-2A				
	II-2C	5570	162.60	153.080	

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Mode	UNII Band	Centre Frequency (MHz)	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	I	5180	24.43	19.033	Reference only
		5200	23.80	19.067	
		5240	23.57	19.038	
	II-2A	5260	23.66	19.099	
		5300	24.21	19.084	
		5320	23.91	19.124	
	II-2C	5500	24.21	19.120	
		5580	23.15	19.073	
		5700	23.74	19.095	
		5720	23.95	19.073	
802.11ax-HE40	I	5190	42.11	37.738	Reference only
		5230	42.47	37.818	
	II-2A	5270	42.56	37.861	
		5310	43.47	37.854	
	II-2C	5510	42.03	37.840	
		5550	42.74	37.768	
		5670	41.08	37.850	
		5710	42.61	37.787	
	II-2C	5510	42.03	37.840	
		5550	42.74	37.768	
802.11ax-HE80	I	5210	81.78	76.665	Reference only
	II-2A	5290	81.97	76.571	
	II-2C	5530	81.83	76.536	
		5610	81.00	76.499	
		5690	82.38	76.536	
		5690	82.38	76.536	
802.11ax-HE160	I	5250	162.50	154.73	
	II-2A				
	II-2C	5570	163.50	155.11	

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Mode	UNII Band	Centre Frequency (MHz)	RU Configuration	26dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	I	5180	26/10	19.87	18.456	Reference only
			52/37	20.20	18.204	
			106/53	20.86	18.233	
	II-2A	5320	26/8	20.14	18.518	
			52/40	21.49	18.158	
			106/54	20.57	17.889	
	II-2C	5500	26/10	20.27	18.583	
			52/37	20.87	18.215	
			106/53	20.89	18.236	
		5700	26/8	19.65	18.236	
			52/40	21.11	18.404	
			106/54	21.62	18.220	
802.11ax-HE40	I	5190	242/61	23.43	18.846	Reference only
	II-2A	5310	242/62	25.43	18.771	
	II-2C	5510	242/61	24.54	18.796	
		5670	242/62	23.92	18.841	
802.11ax-HE80	I	5210	484/65	41.80	37.553	Reference only
	II-2A	5290	484/66	40.97	37.466	
	II-2C	5530	484/65	42.78	37.403	
		5610	484/66	41.89	37.561	
802.11ax-HE160	I/ II-2A	5250	996/67	81.81	76.779	Reference only
			996/S67	81.49	76.969	
	II-2C	5570	996/67	81.68	76.461	
			996/S67	81.49	76.802	

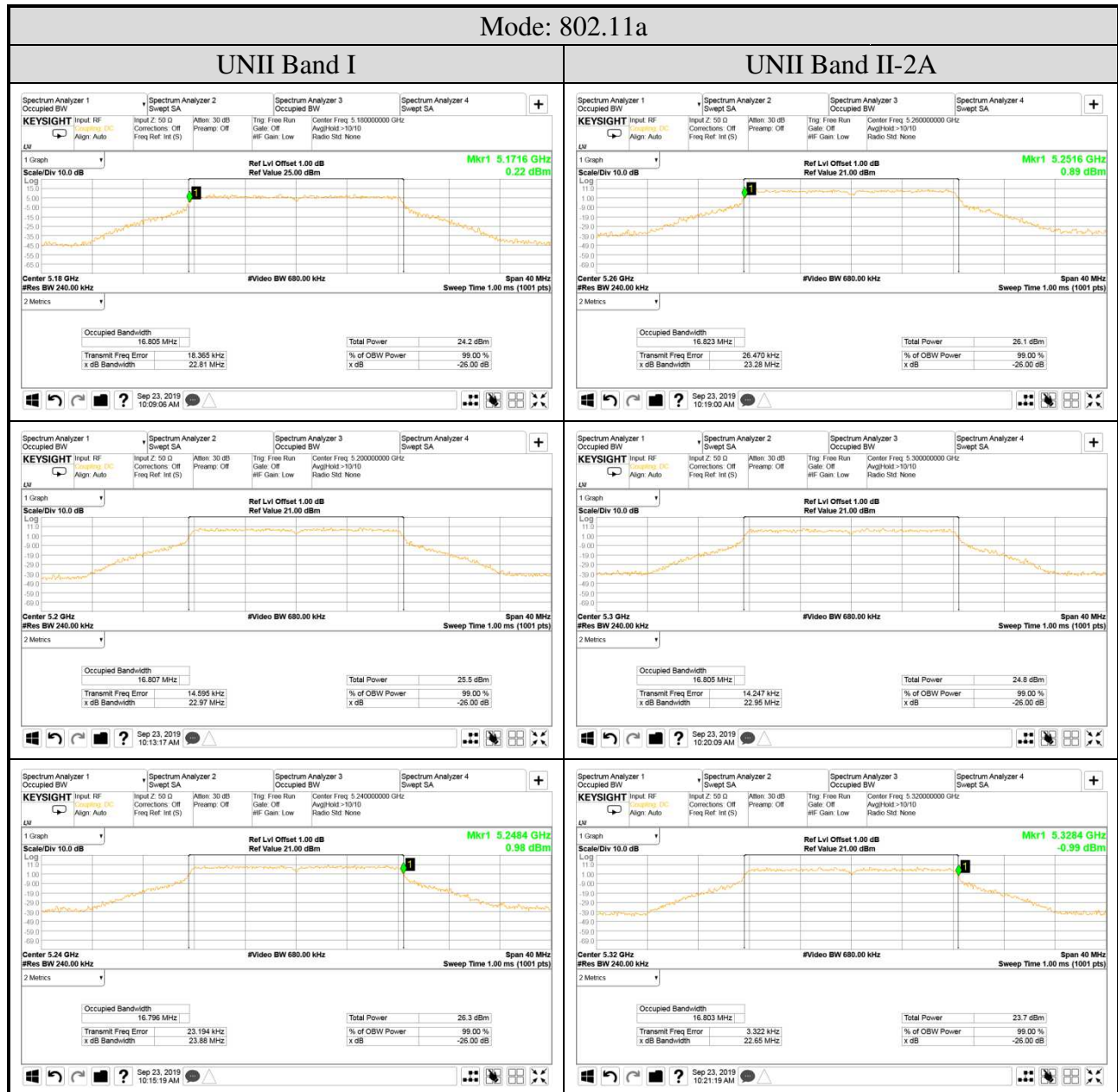
● For 6dB Bandwidth

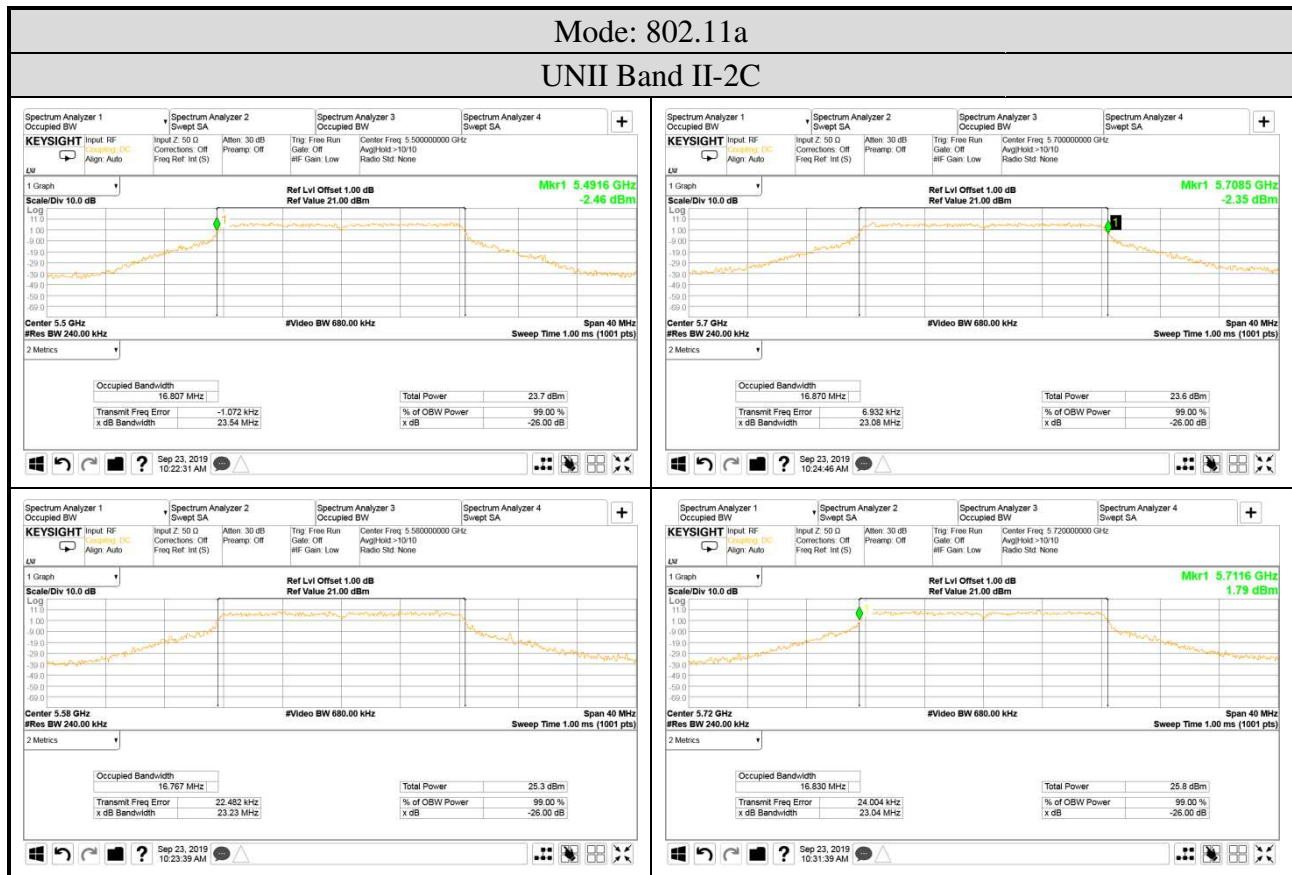
Mode	UNII Band	Centre Frequency (MHz)	6dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11a	III	5745	16.39	16.597	≥ 500kHz
		5785	16.43	16.581	
		5825	16.38	16.571	
802.11n-HT20	III	5745	17.60	17.747	
		5785	17.81	17.821	
		5825	17.79	17.798	
802.11n-HT40	III	5755	36.38	36.296	
		5795	36.42	36.311	
802.11ac-VHT80	III	5775	52.67	75.108	
802.11ax-HE20	III	5745	19.00	19.012	
		5785	19.07	18.984	
		5825	18.34	19.010	
802.11ax-HE40	III	5755	38.03	37.798	
		5795	37.75	37.775	
802.11ax-HE80	III	5775	68.96	76.654	

Mode	UNII Band	Centre Frequency (MHz)	RU Configuration	6dB Bandwidth (MHz)	Occupied (99%) Bandwidth (MHz) (Reference only)	Limit
802.11ax-HE20	III	5745	26/10	17.03	18.063	≥ 500kHz
			52/37	17.04	18.137	
			106/53	17.04	18.063	
	III	5825	26/8	2.050	18.502	
			52/40	16.97	17.979	
			106/54	17.14	18.304	
802.11ax-HE40	III	5755	242/61	18.89	18.803	
	III	5795	242/62	18.74	18.805	
802.11ax-HE80	III	5775	484/65	37.69	37.459	
			484/66	37.68	37.422	

A.3.2 Measurement Plots

- For 26dB Bandwidth



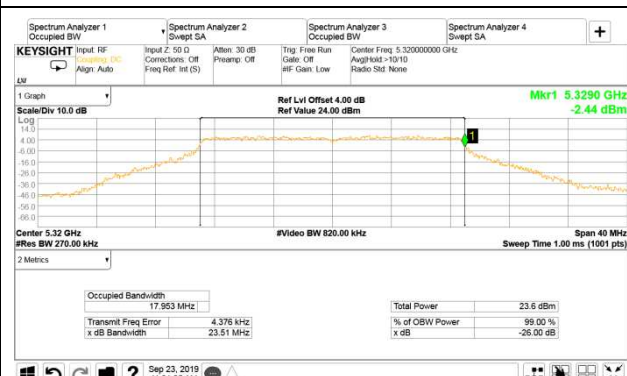
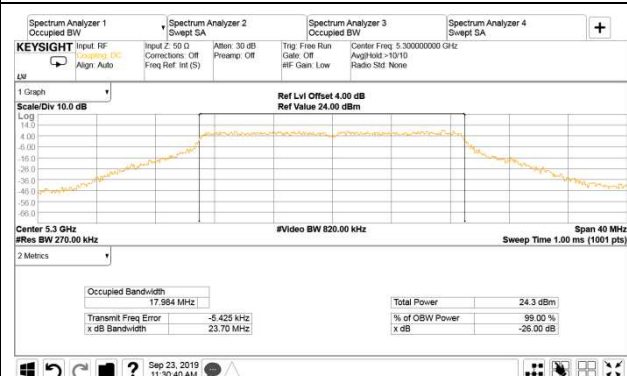
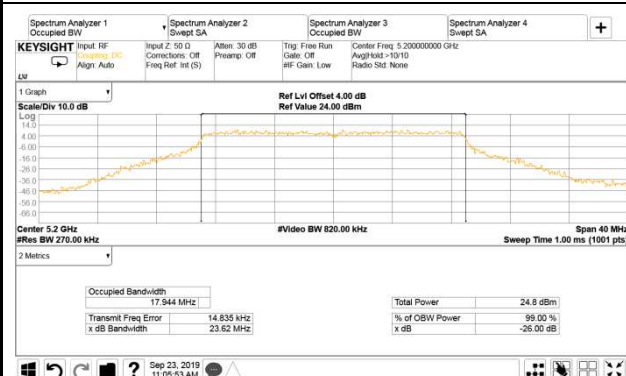


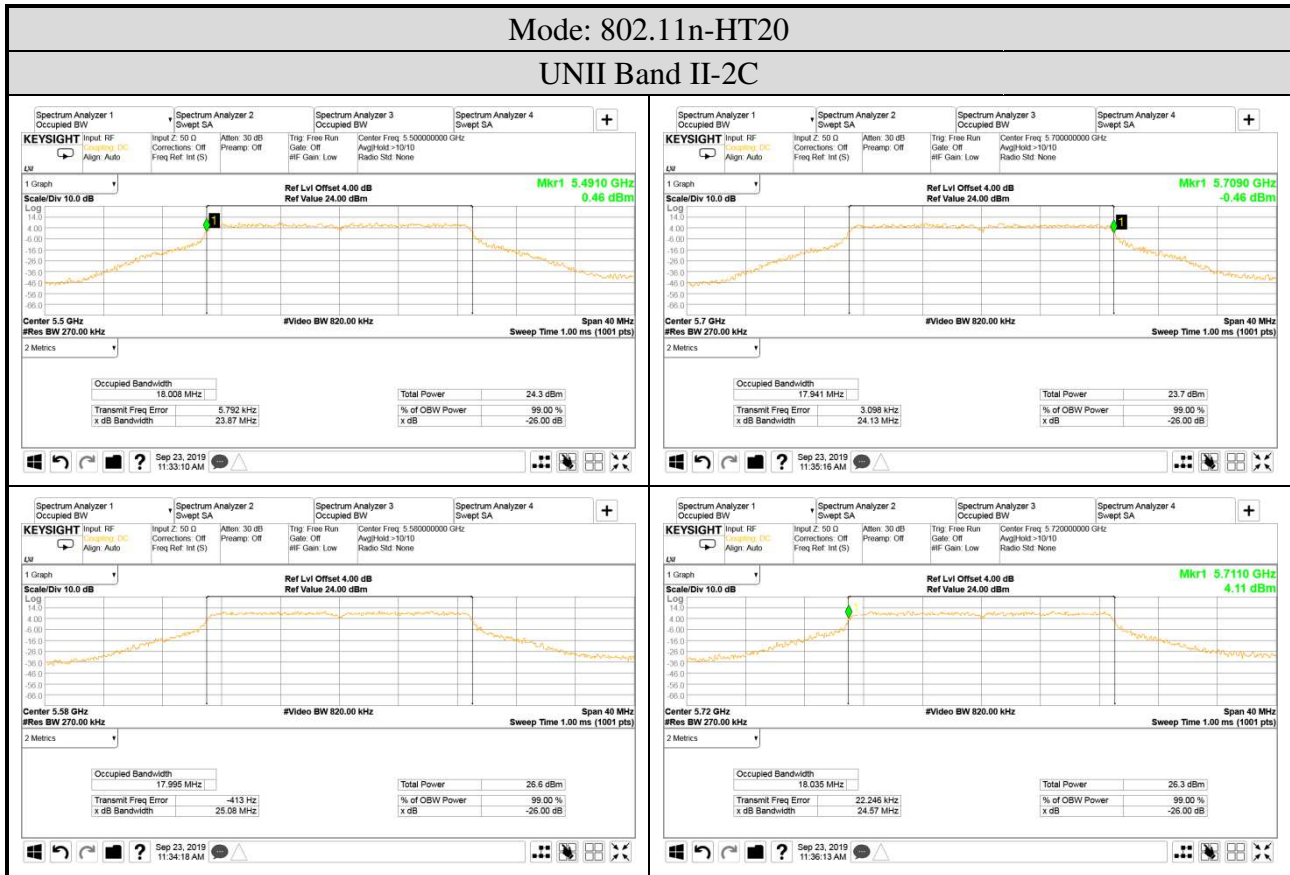
Mode: 802.11n-HT20

UNII Band I



UNII Band II-2A



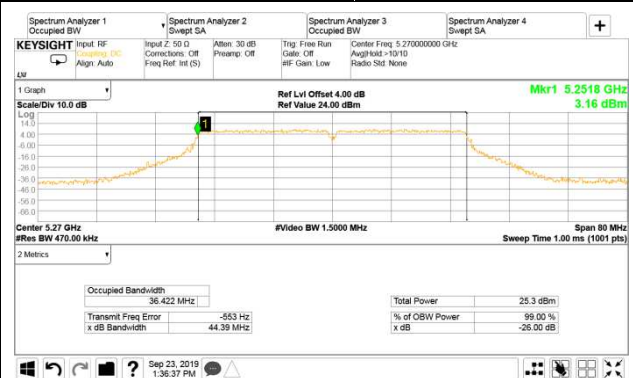


Mode: 802.11n-HT40

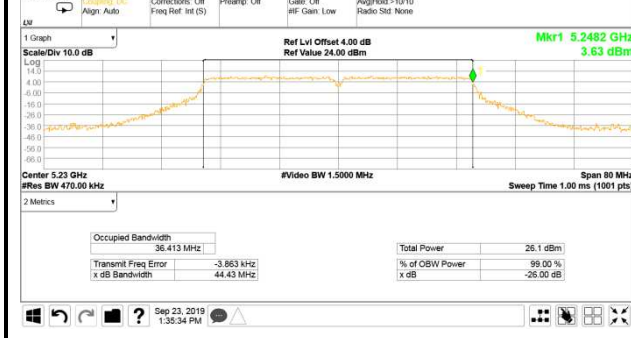
UNII Band I



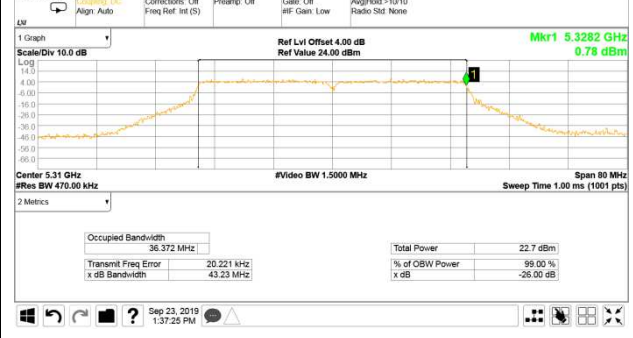
UNII Band II-2A



UNII Band I



UNII Band II-2A

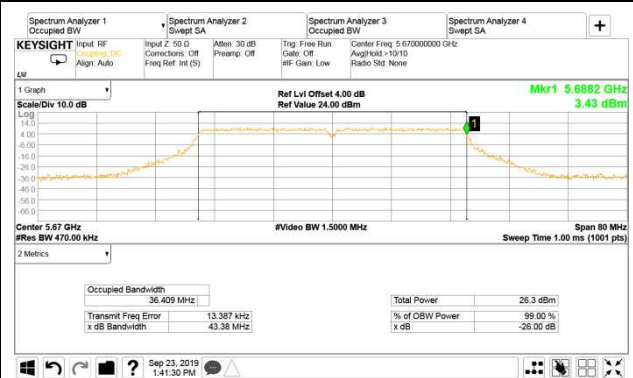


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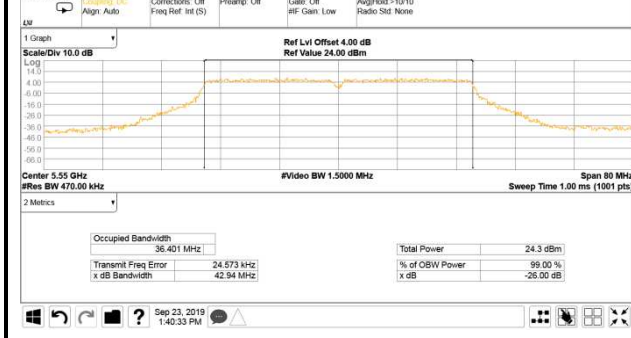
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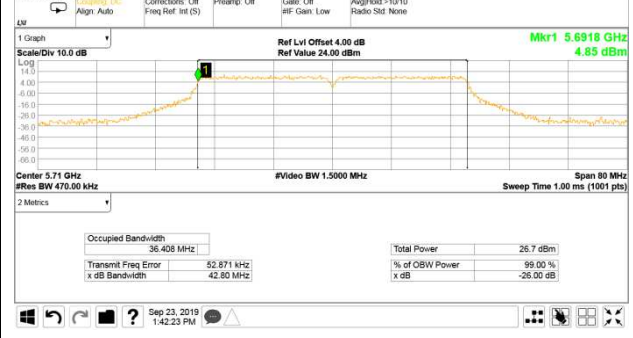
UNII Band II-2C



UNII Band II-2C



UNII Band II-2C



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